Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

10 October 2025

Erik Schaberl
ECS-Frederick
5112 Pegasus Court, Suite S
Frederick, MD 21704
RE: BAUXITE I

Enclosed are the results of analyses for samples received by the laboratory on 10/07/25 16:07.

Maryland Spectral Services, Inc. is a TNI 2016 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2016 TNI certified except as indicated at the end of this report. Please visit our website at www.mdspectral.com for a complete listing of our TNI 2016 Standard accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Will Brewington
President

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OU-1		5100724-01	Soil	10/07/25 10:05	10/07/25 16:07
OU-2		5100724-02	Soil	10/07/25 10:10	10/07/25 16:07
OU-3		5100724-03	Soil	10/07/25 10:15	10/07/25 16:07
OU-4		5100724-04	Soil	10/07/25 10:20	10/07/25 16:07
OU-5		5100724-05	Soil	10/07/25 10:25	10/07/25 16:07
OU-6		5100724-06	Soil	10/07/25 10:30	10/07/25 16:07
OU-7		5100724-07	Soil	10/07/25 10:40	10/07/25 16:07
OU-8		5100724-08	Soil	10/07/25 10:50	10/07/25 16:07
OU-9		5100724-09	Soil	10/07/25 10:55	10/07/25 16:07
OU-10		5100724-10	Soil	10/07/25 11:00	10/07/25 16:07
OU-11		5100724-11	Soil	10/07/25 11:00	10/07/25 16:07
OU-12		5100724-12	Soil	10/07/25 11:10	10/07/25 16:07
OU-13		5100724-13	Soil	10/07/25 11:20	10/07/25 16:07
OU-14		5100724-14	Soil	10/07/25 11:25	10/07/25 16:07
OU-15		5100724-15	Soil	10/07/25 11:30	10/07/25 16:07
OU-16		5100724-16	Soil	10/07/25 11:40	10/07/25 16:07
OU-17		5100724-17	Soil	10/07/25 11:45	10/07/25 16:07
OU-18		5100724-18	Soil	10/07/25 11:50	10/07/25 16:07
OU-19		5100724-19	Soil	10/07/25 11:55	10/07/25 16:07
OU-20		5100724-20	Soil	10/07/25 12:00	10/07/25 16:07
OU-21		5100724-21	Soil	10/07/25 12:30	10/07/25 16:07
OU-22		5100724-22	Soil	10/07/25 12:40	10/07/25 16:07
OU-23		5100724-23	Soil	10/07/25 12:50	10/07/25 16:07
OU-24		5100724-24	Soil	10/07/25 13:00	10/07/25 16:07
OU-25		5100724-25	Soil	10/07/25 13:10	10/07/25 16:07
OU-26		5100724-26	Soil	10/07/25 13:20	10/07/25 16:07

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OU-27		5100724-27	Soil	10/07/25 13:30	10/07/25 16:07
OU-28		5100724-28	Soil	10/07/25 13:40	10/07/25 16:07
OU-29		5100724-29	Soil	10/07/25 13:50	10/07/25 16:07
OU-30		5100724-30	Soil	10/07/25 14:00	10/07/25 16:07
OU-31		5100724-31	Soil	10/07/25 14:10	10/07/25 16:07
OU-32		5100724-32	Soil	10/07/25 14:20	10/07/25 16:07
OU-33		5100724-33	Soil	10/07/25 14:30	10/07/25 16:07
OU-34		5100724-34	Soil	10/07/25 14:40	10/07/25 16:07
OU-1G 10'		5100724-35	Soil	10/07/25 10:05	10/07/25 16:07
OU-2G 4'		5100724-36	Soil	10/07/25 10:10	10/07/25 16:07
OU-3G 9'		5100724-37	Soil	10/07/25 10:15	10/07/25 16:07
OU-4G 6'		5100724-38	Soil	10/07/25 10:20	10/07/25 16:07
OU-5G 5'		5100724-39	Soil	10/07/25 10:25	10/07/25 16:07
OU-6G 2'		5100724-40	Soil	10/07/25 10:30	10/07/25 16:07
OU-7G 7'		5100724-41	Soil	10/07/25 10:40	10/07/25 16:07
OU-8G 5'		5100724-42	Soil	10/07/25 10:50	10/07/25 16:07
OU-9G		5100724-43	Soil	10/07/25 10:55	10/07/25 16:07
OU-10G 4'		5100724-44	Soil	10/07/25 11:00	10/07/25 16:07
OU-11G 4'		5100724-45	Soil	10/07/25 11:05	10/07/25 16:07
OU-12G 8'		5100724-46	Soil	10/07/25 11:10	10/07/25 16:07
OU-13G 10'		5100724-47	Soil	10/07/25 11:20	10/07/25 16:07
OU-14G 4'		5100724-48	Soil	10/07/25 11:25	10/07/25 16:07
OU-15G 5'		5100724-49	Soil	10/07/25 11:30	10/07/25 16:07
OU-16G 3'		5100724-50	Soil	10/07/25 11:40	10/07/25 16:07
OU-17G 12'		5100724-51	Soil	10/07/25 11:45	10/07/25 16:07
OU-18G 5'		5100724-52	Soil	10/07/25 11:50	10/07/25 16:07

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OU-19G 3'		5100724-53	Soil	10/07/25 11:55	10/07/25 16:07
OU-20G 5'		5100724-54	Soil	10/07/25 12:00	10/07/25 16:07
OU-21G 10'		5100724-55	Soil	10/07/25 12:30	10/07/25 16:07
OU-22G 5'		5100724-56	Soil	10/07/25 12:40	10/07/25 16:07
OU-23G 5'		5100724-57	Soil	10/07/25 12:50	10/07/25 16:07
OU-24G 3'		5100724-58	Soil	10/07/25 13:00	10/07/25 16:07
OU-25G 3'		5100724-59	Soil	10/07/25 13:10	10/07/25 16:07
OU-26G 6'		5100724-60	Soil	10/07/25 13:20	10/07/25 16:07
OU-27G 10'		5100724-61	Soil	10/07/25 13:20	10/07/25 16:07
OU-28G		5100724-62	Soil	10/07/25 13:40	10/07/25 16:07
OU-29G 3'		5100724-63	Soil	10/07/25 13:50	10/07/25 16:07
OU-30G 6'		5100724-64	Soil	10/07/25 14:00	10/07/25 16:07
OU-31G 7'		5100724-65	Soil	10/07/25 14:10	10/07/25 16:07
OU-32G 5'		5100724-66	Soil	10/07/25 14:20	10/07/25 16:07
OU-33G 5'		5100724-67	Soil	10/07/25 14:30	10/07/25 16:07
OU-34G 3'		5100724-68	Soil	10/07/25 14:40	10/07/25 16:07

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-1

5100724-01 (Soil)
Sampled on: 10/07/25 10:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Acenaphthylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Benzo[a]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Benzo[b]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Benzo[k]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Benzo[a]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Chrysene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Fluorene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
1-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
2-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Naphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Phenanthrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH
Pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 13:22	EH

Surrogate: 2-Fluorophenol	*23-121*	*84 %*	*10/08/25*	*10/09/25 13:22*
Surrogate: Phenol-d5	*24-113*	*88 %*	*10/08/25*	*10/09/25 13:22*
Surrogate: Nitrobenzene-d5	*23-120*	*80 %*	*10/08/25*	*10/09/25 13:22*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*93 %*	*10/08/25*	*10/09/25 13:22*
Surrogate: 2-Fluorobiphenyl	*30-115*	*83 %*	*10/08/25*	*10/09/25 13:22*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 13:22*

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-1

5100724-01 (Soil)
Sampled on: 10/07/25 10:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**88**		%			1	10/07/25	10/08/25 11:21	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1221	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1232	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1242	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1248	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1254	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1260	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1262	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Aroclor-1268	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 11:41	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*85 %*	*10/08/25*		*10/09/25 11:41*		
Surrogate: Decachlorobiphenyl			*40-150*	*55 %*	*10/08/25*		*10/09/25 11:41*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Arsenic	**2.15**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Beryllium	**0.667**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Cadmium	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Chromium	**25.5**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Copper	**8.62**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Lead	**11.1**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Mercury	ND		mg/kg dry	0.0142	0.0142	1	10/07/25	10/08/25 10:39	HM
Nickel	**22.0**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Selenium	**4.78**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Silver	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Thallium	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 10:39	HM
Zinc	**52.4**		mg/kg dry	1.42	1.42	1	10/07/25	10/08/25 10:39	HM

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-2

5100724-02 (Soil)
Sampled on: 10/07/25 10:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:44	EH

Surrogate: 2-Fluorophenol	*23-121*	*86 %*	*10/08/25*	*10/09/25 13:44*
Surrogate: Phenol-d5	*24-113*	*90 %*	*10/08/25*	*10/09/25 13:44*
Surrogate: Nitrobenzene-d5	*23-120*	*80 %*	*10/08/25*	*10/09/25 13:44*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*94 %*	*10/08/25*	*10/09/25 13:44*
Surrogate: 2-Fluorobiphenyl	*30-115*	*84 %*	*10/08/25*	*10/09/25 13:44*
Surrogate: Terphenyl-d14	*18-137*	*93 %*	*10/08/25*	*10/09/25 13:44*

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-2

5100724-02 (Soil)
Sampled on: 10/07/25 10:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:23	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1221	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1232	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1242	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1248	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1254	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1260	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1262	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Aroclor-1268	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 11:57	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*86 %*	*10/08/25*		*10/09/25 11:57*		
Surrogate: Decachlorobiphenyl			*40-150*	*52 %*	*10/08/25*		*10/09/25 11:57*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Arsenic	**1.78**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Beryllium	**0.718**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Cadmium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Chromium	**25.1**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Copper	**8.68**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Lead	**10.2**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Mercury	ND		mg/kg dry	0.0141	0.0141	1	10/07/25	10/08/25 10:44	HM
Nickel	**21.6**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Selenium	**4.36**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Silver	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Thallium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 10:44	HM
Zinc	**51.6**		mg/kg dry	1.41	1.41	1	10/07/25	10/08/25 10:44	HM

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-3

5100724-03 (Soil)
Sampled on: 10/07/25 10:15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:07	EH

Surrogate: 2-Fluorophenol	*23-121*	*82 %*	*10/08/25*	*10/09/25 14:07*
Surrogate: Phenol-d5	*24-113*	*87 %*	*10/08/25*	*10/09/25 14:07*
Surrogate: Nitrobenzene-d5	*23-120*	*78 %*	*10/08/25*	*10/09/25 14:07*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 14:07*
Surrogate: 2-Fluorobiphenyl	*30-115*	*79 %*	*10/08/25*	*10/09/25 14:07*
Surrogate: Terphenyl-d14	*18-137*	*91 %*	*10/08/25*	*10/09/25 14:07*

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Analytical Results

1500 Caton Center Dr Suite G
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-3

5100724-03 (Soil)
Sampled on: 10/07/25 10:15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/07/25	10/08/25 11:25	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1221	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1232	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1242	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1248	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1254	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1260	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1262	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Aroclor-1268	ND		ug/kg dry	43.8	43.8	1	10/08/25	10/09/25 12:13	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*82 %*	*10/08/25*		*10/09/25 12:13*		
Surrogate: Decachlorobiphenyl			*40-150*	*57 %*	*10/08/25*		*10/09/25 12:13*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Arsenic	**1.92**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Beryllium	**0.819**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Cadmium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Chromium	**26.0**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Copper	**8.64**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Lead	**10.2**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Mercury	**0.0144**		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 10:46	HM
Nickel	**22.9**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Selenium	**4.38**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Silver	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Thallium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:46	HM
Zinc	**53.4**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 10:46	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-4

5100724-04 (Soil)
Sampled on: 10/07/25 10:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Acenaphthylene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Anthracene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Benzo[a]anthracene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Benzo[b]fluoranthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Benzo[k]fluoranthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Benzo[a]pyrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Chrysene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Fluoranthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Fluorene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
1-Methylnaphthalene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
2-Methylnaphthalene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Naphthalene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Phenanthrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH
Pyrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 14:29	EH

Surrogate: 2-Fluorophenol	*23-121*	*84 %*	*10/08/25*	*10/09/25 14:29*
Surrogate: Phenol-d5	*24-113*	*88 %*	*10/08/25*	*10/09/25 14:29*
Surrogate: Nitrobenzene-d5	*23-120*	*79 %*	*10/08/25*	*10/09/25 14:29*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*89 %*	*10/08/25*	*10/09/25 14:29*
Surrogate: 2-Fluorobiphenyl	*30-115*	*82 %*	*10/08/25*	*10/09/25 14:29*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 14:29*

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-4

5100724-04 (Soil)
Sampled on: 10/07/25 10:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**93**		%			1	10/07/25	10/08/25 11:27	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1221	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1232	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1242	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1248	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1254	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1260	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1262	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Aroclor-1268	ND		ug/kg dry	43.2	43.2	1	10/08/25	10/09/25 12:29	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*85 %*	*10/08/25*		*10/09/25 12:29*		
Surrogate: Decachlorobiphenyl			*40-150*	*61 %*	*10/08/25*		*10/09/25 12:29*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Arsenic	**1.80**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Beryllium	**0.709**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Cadmium	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Chromium	**29.9**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Copper	**8.91**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Lead	**9.62**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Mercury	ND		mg/kg dry	0.0135	0.0135	1	10/07/25	10/08/25 10:49	HM
Nickel	**22.5**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Selenium	**4.86**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Silver	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Thallium	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 10:49	HM
Zinc	**53.7**		mg/kg dry	1.35	1.35	1	10/07/25	10/08/25 10:49	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-5

5100724-05 (Soil)
Sampled on: 10/07/25 10:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Acenaphthylene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Benzo[a]anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Benzo[b]fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Benzo[k]fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Benzo[a]pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Chrysene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Fluorene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
1-Methylnaphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
2-Methylnaphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Naphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Phenanthrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH
Pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 14:52	EH

Surrogate: 2-Fluorophenol	*23-121*	*80 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: Phenol-d5	*24-113*	*85 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*92 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: 2-Fluorobiphenyl	*30-115*	*79 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: Terphenyl-d14	*18-137*	*92 %*	*10/08/25*	*10/09/25 14:52*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-5

5100724-05 (Soil)
Sampled on: 10/07/25 10:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/07/25	10/08/25 11:29	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1221	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1232	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1242	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1248	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1254	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1260	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1262	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Aroclor-1268	ND		ug/kg dry	44.5	44.5	1	10/08/25	10/09/25 12:45	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*78 %*	*10/08/25*		*10/09/25 12:45*		
Surrogate: Decachlorobiphenyl			*40-150*	*60 %*	*10/08/25*		*10/09/25 12:45*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Arsenic	**1.72**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Beryllium	**0.746**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Cadmium	ND		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Chromium	**26.5**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Copper	**9.80**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Lead	**9.35**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Mercury	ND		mg/kg dry	0.0139	0.0139	1	10/07/25	10/08/25 10:51	HM
Nickel	**24.3**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Selenium	**4.55**		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Silver	ND		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Thallium	ND		mg/kg dry	0.278	0.278	1	10/07/25	10/08/25 10:51	HM
Zinc	**59.0**		mg/kg dry	1.39	1.39	1	10/07/25	10/08/25 10:51	HM

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Will Brewington, President

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-6

5100724-06 (Soil)
Sampled on: 10/07/25 10:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Acenaphthylene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Anthracene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Benzo[a]anthracene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Benzo[b]fluoranthene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Benzo[k]fluoranthene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Benzo[a]pyrene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Chrysene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Fluoranthene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Fluorene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
1-Methylnaphthalene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
2-Methylnaphthalene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Naphthalene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Phenanthrene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH
Pyrene	ND		ug/kg dry	83	83	1	10/08/25	10/09/25 15:15	EH

Surrogate: 2-Fluorophenol	*23-121*	*82 %*	*10/08/25*	*10/09/25 15:15*
Surrogate: Phenol-d5	*24-113*	*88 %*	*10/08/25*	*10/09/25 15:15*
Surrogate: Nitrobenzene-d5	*23-120*	*78 %*	*10/08/25*	*10/09/25 15:15*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*89 %*	*10/08/25*	*10/09/25 15:15*
Surrogate: 2-Fluorobiphenyl	*30-115*	*84 %*	*10/08/25*	*10/09/25 15:15*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 15:15*

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Will Brewington, President

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-6

5100724-06 (Soil)
Sampled on: 10/07/25 10:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**96**		%			1	10/07/25	10/08/25 11:31	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1221	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1232	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1242	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1248	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1254	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1260	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1262	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Aroclor-1268	ND		ug/kg dry	41.6	41.6	1	10/08/25	10/09/25 13:01	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*91 %*	*10/08/25*		*10/09/25 13:01*		
Surrogate: Decachlorobiphenyl			*40-150*	*71 %*	*10/08/25*		*10/09/25 13:01*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Arsenic	**1.56**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Beryllium	**0.587**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Cadmium	ND		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Chromium	**20.5**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Copper	**6.37**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Lead	**6.92**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Mercury	ND		mg/kg dry	0.0130	0.0130	1	10/07/25	10/08/25 10:54	HM
Nickel	**18.1**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Selenium	**3.31**		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Silver	ND		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Thallium	ND		mg/kg dry	0.260	0.260	1	10/07/25	10/08/25 10:54	HM
Zinc	**42.0**		mg/kg dry	1.30	1.30	1	10/07/25	10/08/25 10:54	HM

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Will Brewington, President

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-7

5100724-07 (Soil)
Sampled on: 10/07/25 10:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:37	EH

Surrogate: 2-Fluorophenol	*23-121*	*84 %*	*10/08/25*	*10/09/25 15:37*
Surrogate: Phenol-d5	*24-113*	*89 %*	*10/08/25*	*10/09/25 15:37*
Surrogate: Nitrobenzene-d5	*23-120*	*80 %*	*10/08/25*	*10/09/25 15:37*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*91 %*	*10/08/25*	*10/09/25 15:37*
Surrogate: 2-Fluorobiphenyl	*30-115*	*82 %*	*10/08/25*	*10/09/25 15:37*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 15:37*

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-7

5100724-07 (Soil)
Sampled on: 10/07/25 10:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/07/25	10/08/25 11:33	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1221	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1232	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1242	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1248	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1254	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1260	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1262	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Aroclor-1268	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 13:17	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*92 %*	*10/08/25*		*10/09/25 13:17*		
Surrogate: Decachlorobiphenyl			*40-150*	*67 %*	*10/08/25*		*10/09/25 13:17*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Arsenic	**1.36**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Beryllium	**0.455**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Cadmium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Chromium	**20.8**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Copper	**6.85**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Lead	**8.22**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Mercury	ND		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 10:56	HM
Nickel	**18.0**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Selenium	**3.56**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Silver	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Thallium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 10:56	HM
Zinc	**41.3**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 10:56	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-8

5100724-08 (Soil)
Sampled on: 10/07/25 10:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:23	EH

Surrogate: 2-Fluorophenol	*23-121*	*78 %*	*10/08/25*	*10/09/25 11:23*
Surrogate: Phenol-d5	*24-113*	*82 %*	*10/08/25*	*10/09/25 11:23*
Surrogate: Nitrobenzene-d5	*23-120*	*77 %*	*10/08/25*	*10/09/25 11:23*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*94 %*	*10/08/25*	*10/09/25 11:23*
Surrogate: 2-Fluorobiphenyl	*30-115*	*86 %*	*10/08/25*	*10/09/25 11:23*
Surrogate: Terphenyl-d14	*18-137*	*92 %*	*10/08/25*	*10/09/25 11:23*

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-8

5100724-08 (Soil)
Sampled on: 10/07/25 10:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/07/25	10/08/25 11:35	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1221	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1232	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1242	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1248	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1254	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1260	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1262	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Aroclor-1268	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 13:33	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*86 %*	*10/08/25*		*10/09/25 13:33*		
Surrogate: Decachlorobiphenyl			*40-150*	*65 %*	*10/08/25*		*10/09/25 13:33*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Arsenic	**1.73**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Beryllium	**0.684**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Cadmium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Chromium	**23.2**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Copper	**7.04**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Lead	**8.94**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Mercury	ND		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 10:58	HM
Nickel	**19.5**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Selenium	**4.00**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Silver	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Thallium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 10:58	HM
Zinc	**44.6**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 10:58	HM

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410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-9

5100724-09 (Soil)
Sampled on: 10/07/25 10:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:46	EH

Surrogate: 2-Fluorophenol	*23-121*	*75 %*	*10/08/25*	*10/09/25 11:46*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 11:46*
Surrogate: Nitrobenzene-d5	*23-120*	*73 %*	*10/08/25*	*10/09/25 11:46*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*92 %*	*10/08/25*	*10/09/25 11:46*
Surrogate: 2-Fluorobiphenyl	*30-115*	*83 %*	*10/08/25*	*10/09/25 11:46*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 11:46*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-9

5100724-09 (Soil)
Sampled on: 10/07/25 10:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:37	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1221	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1232	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1242	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1248	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1254	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1260	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1262	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1268	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 13:49	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*100 %*	*10/08/25*		*10/09/25 13:49*		
Surrogate: Decachlorobiphenyl			*40-150*	*76 %*	*10/08/25*		*10/09/25 13:49*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Arsenic	**2.23**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Beryllium	**0.854**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Cadmium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Chromium	**25.8**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Copper	**8.45**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Lead	**9.96**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Mercury	ND		mg/kg dry	0.0141	0.0141	1	10/07/25	10/08/25 11:09	HM
Nickel	**21.6**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Selenium	**4.29**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Silver	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Thallium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:09	HM
Zinc	**49.2**		mg/kg dry	1.41	1.41	1	10/07/25	10/08/25 11:09	HM

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Will Brewington, President

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-10

5100724-10 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Acenaphthylene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Benzo[a]anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Benzo[b]fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Benzo[k]fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Benzo[a]pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Chrysene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Fluorene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
1-Methylnaphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
2-Methylnaphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Naphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Phenanthrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH
Pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 12:09	EH

Surrogate: 2-Fluorophenol	*23-121*	*78 %*	*10/08/25*	*10/09/25 12:09*
Surrogate: Phenol-d5	*24-113*	*82 %*	*10/08/25*	*10/09/25 12:09*
Surrogate: Nitrobenzene-d5	*23-120*	*77 %*	*10/08/25*	*10/09/25 12:09*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*95 %*	*10/08/25*	*10/09/25 12:09*
Surrogate: 2-Fluorobiphenyl	*30-115*	*86 %*	*10/08/25*	*10/09/25 12:09*
Surrogate: Terphenyl-d14	*18-137*	*92 %*	*10/08/25*	*10/09/25 12:09*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-10

5100724-10 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:39	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1221	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1232	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1242	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1248	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1254	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1260	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1262	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Aroclor-1268	ND		ug/kg dry	44.7	44.7	1	10/08/25	10/09/25 14:05	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*95 %*	*10/08/25*		*10/09/25 14:05*		
Surrogate: Decachlorobiphenyl			*40-150*	*70 %*	*10/08/25*		*10/09/25 14:05*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Arsenic	**1.62**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Beryllium	**0.715**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Cadmium	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Chromium	**27.0**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Copper	**8.29**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Lead	**10.1**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Mercury	ND		mg/kg dry	0.0140	0.0140	1	10/07/25	10/08/25 11:11	HM
Nickel	**24.5**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Selenium	**4.11**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Silver	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Thallium	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:11	HM
Zinc	**53.9**		mg/kg dry	1.40	1.40	1	10/07/25	10/08/25 11:11	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-11

5100724-11 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Acenaphthylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Benzo[a]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Benzo[b]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Benzo[k]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Benzo[a]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Chrysene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Fluorene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
1-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
2-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Naphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Phenanthrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH
Pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 16:00	EH

Surrogate: 2-Fluorophenol	*23-121*	*81 %*	*10/08/25*	*10/09/25 16:00*
Surrogate: Phenol-d5	*24-113*	*86 %*	*10/08/25*	*10/09/25 16:00*
Surrogate: Nitrobenzene-d5	*23-120*	*78 %*	*10/08/25*	*10/09/25 16:00*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*89 %*	*10/08/25*	*10/09/25 16:00*
Surrogate: 2-Fluorobiphenyl	*30-115*	*81 %*	*10/08/25*	*10/09/25 16:00*
Surrogate: Terphenyl-d14	*18-137*	*88 %*	*10/08/25*	*10/09/25 16:00*

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Maryland spectral Services

Analytical Chemistry Services

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410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-11

5100724-11 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**88**		%			1	10/07/25	10/08/25 11:41	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1221	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1232	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1242	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1248	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1254	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1260	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1262	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Aroclor-1268	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 14:20	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*92 %*	*10/08/25*		*10/09/25 14:20*		
Surrogate: Decachlorobiphenyl			*40-150*	*73 %*	*10/08/25*		*10/09/25 14:20*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Arsenic	**1.51**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Beryllium	**0.593**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Cadmium	ND		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Chromium	**19.3**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Copper	**7.01**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Lead	**7.85**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Mercury	ND		mg/kg dry	0.0142	0.0142	1	10/07/25	10/08/25 11:14	HM
Nickel	**17.2**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Selenium	**3.66**		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Silver	ND		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Thallium	ND		mg/kg dry	0.284	0.284	1	10/07/25	10/08/25 11:14	HM
Zinc	**39.5**		mg/kg dry	1.42	1.42	1	10/07/25	10/08/25 11:14	HM

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Will Brewington, President

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-12

5100724-12 (Soil)
Sampled on: 10/07/25 11:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:31	EH

Surrogate: 2-Fluorophenol	*23-121*	*77 %*	*10/08/25*	*10/09/25 12:31*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 12:31*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 12:31*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*94 %*	*10/08/25*	*10/09/25 12:31*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 12:31*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 12:31*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-12

5100724-12 (Soil)
Sampled on: 10/07/25 11:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:43	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1221	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1232	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1242	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1248	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1254	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1260	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1262	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Aroclor-1268	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 14:36	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*96 %*	*10/08/25*		*10/09/25 14:36*		
Surrogate: Decachlorobiphenyl			*40-150*	*74 %*	*10/08/25*		*10/09/25 14:36*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Arsenic	**1.82**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Beryllium	**0.704**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Cadmium	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Chromium	**23.7**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Copper	**8.15**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Lead	**9.48**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Mercury	ND		mg/kg dry	0.0141	0.0141	1	10/07/25	10/08/25 11:16	HM
Nickel	**21.3**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Selenium	**4.29**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Silver	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Thallium	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 11:16	HM
Zinc	**49.7**		mg/kg dry	1.41	1.41	1	10/07/25	10/08/25 11:16	HM

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-13

5100724-13 (Soil)
Sampled on: 10/07/25 11:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 12:54	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 12:54*
Surrogate: Phenol-d5	*24-113*	*82 %*	*10/08/25*	*10/09/25 12:54*
Surrogate: Nitrobenzene-d5	*23-120*	*75 %*	*10/08/25*	*10/09/25 12:54*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*94 %*	*10/08/25*	*10/09/25 12:54*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 12:54*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 12:54*

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Maryland spectral Services

Analytical Chemistry Services

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-13

5100724-13 (Soil)
Sampled on: 10/07/25 11:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:45	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1221	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1232	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1242	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1248	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1254	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1260	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1262	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Aroclor-1268	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 14:52	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*99 %*	*10/08/25*		*10/09/25 14:52*		
Surrogate: Decachlorobiphenyl			*40-150*	*72 %*	*10/08/25*		*10/09/25 14:52*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Arsenic	**1.32**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Beryllium	**0.536**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Cadmium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Chromium	**22.0**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Copper	**7.08**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Lead	**8.56**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Mercury	ND		mg/kg dry	0.0140	0.0140	1	10/07/25	10/08/25 11:19	HM
Nickel	**18.3**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Selenium	**3.68**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Silver	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Thallium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:19	HM
Zinc	**41.4**		mg/kg dry	1.40	1.40	1	10/07/25	10/08/25 11:19	HM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-14

5100724-14 (Soil)
Sampled on: 10/07/25 11:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:17	EH

Surrogate: 2-Fluorophenol	*23-121*	*77 %*	*10/08/25*	*10/09/25 13:17*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 13:17*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 13:17*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*92 %*	*10/08/25*	*10/09/25 13:17*
Surrogate: 2-Fluorobiphenyl	*30-115*	*83 %*	*10/08/25*	*10/09/25 13:17*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 13:17*

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Maryland spectral Services

Analytical Chemistry Services

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410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-14

5100724-14 (Soil)
Sampled on: 10/07/25 11:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:47	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1221	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1232	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1242	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1248	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1254	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1260	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1262	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Aroclor-1268	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 15:08	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*101 %*	*10/08/25*		*10/09/25 15:08*		
Surrogate: Decachlorobiphenyl			*40-150*	*71 %*	*10/08/25*		*10/09/25 15:08*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Arsenic	**1.72**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Beryllium	**0.656**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Cadmium	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Chromium	**22.6**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Copper	**7.71**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Lead	**8.57**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Mercury	ND		mg/kg dry	0.0140	0.0140	1	10/07/25	10/08/25 11:21	HM
Nickel	**19.2**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Selenium	**3.93**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Silver	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Thallium	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 11:21	HM
Zinc	**42.5**		mg/kg dry	1.40	1.40	1	10/07/25	10/08/25 11:21	HM

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410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-15

5100724-15 (Soil)
Sampled on: 10/07/25 11:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Acenaphthylene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Anthracene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Benzo[a]anthracene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Benzo[b]fluoranthene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Benzo[k]fluoranthene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Benzo[a]pyrene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Chrysene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Fluoranthene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Fluorene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
1-Methylnaphthalene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
2-Methylnaphthalene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Naphthalene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Phenanthrene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH
Pyrene	ND		ug/kg dry	100	100	1	10/08/25	10/09/25 13:40	EH

Surrogate: 2-Fluorophenol	*23-121*	*75 %*	*10/08/25*	*10/09/25 13:40*
Surrogate: Phenol-d5	*24-113*	*80 %*	*10/08/25*	*10/09/25 13:40*
Surrogate: Nitrobenzene-d5	*23-120*	*75 %*	*10/08/25*	*10/09/25 13:40*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*93 %*	*10/08/25*	*10/09/25 13:40*
Surrogate: 2-Fluorobiphenyl	*30-115*	*84 %*	*10/08/25*	*10/09/25 13:40*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 13:40*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-15

5100724-15 (Soil)
Sampled on: 10/07/25 11:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**80**		%			1	10/07/25	10/08/25 11:49	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1221	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1232	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1242	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1248	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1254	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1260	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1262	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Aroclor-1268	ND		ug/kg dry	50.0	50.0	1	10/08/25	10/09/25 13:21	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*105 %*	*10/08/25*		*10/09/25 13:21*		
Surrogate: Decachlorobiphenyl			*40-150*	*63 %*	*10/08/25*		*10/09/25 13:21*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Arsenic	**2.09**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Beryllium	**0.778**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Cadmium	ND		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Chromium	**29.5**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Copper	**10.6**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Lead	**11.2**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Mercury	**0.0289**		mg/kg dry	0.0156	0.0156	1	10/07/25	10/08/25 11:24	HM
Nickel	**24.4**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Selenium	**6.26**		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Silver	ND		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Thallium	ND		mg/kg dry	0.313	0.313	1	10/07/25	10/08/25 11:24	HM
Zinc	**55.2**		mg/kg dry	1.56	1.56	1	10/07/25	10/08/25 11:24	HM

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Will Brewington, President

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-16

5100724-16 (Soil)
Sampled on: 10/07/25 11:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Acenaphthylene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Anthracene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Benzo[a]anthracene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Benzo[b]fluoranthene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Benzo[k]fluoranthene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Benzo[a]pyrene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Chrysene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Fluoranthene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Fluorene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
1-Methylnaphthalene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
2-Methylnaphthalene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Naphthalene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Phenanthrene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH
Pyrene	ND		ug/kg dry	94	94	1	10/08/25	10/09/25 14:02	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 14:02*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 14:02*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 14:02*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*93 %*	*10/08/25*	*10/09/25 14:02*
Surrogate: 2-Fluorobiphenyl	*30-115*	*84 %*	*10/08/25*	*10/09/25 14:02*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 14:02*

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Maryland spectral Services

Analytical Chemistry Services

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-16

5100724-16 (Soil)
Sampled on: 10/07/25 11:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**85**		%			1	10/07/25	10/08/25 11:51	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1221	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1232	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1242	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1248	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1254	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1260	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1262	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Aroclor-1268	ND		ug/kg dry	46.9	46.9	1	10/08/25	10/09/25 13:35	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*109 %*	*10/08/25*		*10/09/25 13:35*		
Surrogate: Decachlorobiphenyl			*40-150*	*67 %*	*10/08/25*		*10/09/25 13:35*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Arsenic	**1.90**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Beryllium	**0.791**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Cadmium	ND		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Chromium	**26.1**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Copper	**8.58**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Lead	**10.5**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Mercury	ND		mg/kg dry	0.0146	0.0146	1	10/07/25	10/08/25 11:26	HM
Nickel	**23.4**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Selenium	**4.39**		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Silver	ND		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Thallium	ND		mg/kg dry	0.293	0.293	1	10/07/25	10/08/25 11:26	HM
Zinc	**52.8**		mg/kg dry	1.46	1.46	1	10/07/25	10/08/25 11:26	HM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-17

5100724-17 (Soil)
Sampled on: 10/07/25 11:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:25	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 14:25*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 14:25*
Surrogate: Nitrobenzene-d5	*23-120*	*75 %*	*10/08/25*	*10/09/25 14:25*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 14:25*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 14:25*
Surrogate: Terphenyl-d14	*18-137*	*87 %*	*10/08/25*	*10/09/25 14:25*

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Maryland spectral Services

Analytical Chemistry Services

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-17

5100724-17 (Soil)
Sampled on: 10/07/25 11:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 11:53	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1221	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1232	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1242	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1248	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1254	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1260	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1262	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Aroclor-1268	ND		ug/kg dry	45.1	45.1	1	10/08/25	10/09/25 13:49	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*105 %*	*10/08/25*		*10/09/25 13:49*		
Surrogate: Decachlorobiphenyl			*40-150*	*66 %*	*10/08/25*		*10/09/25 13:49*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Arsenic	**1.70**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Beryllium	**0.837**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Cadmium	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Chromium	**27.3**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Copper	**8.41**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Lead	**9.43**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Mercury	ND		mg/kg dry	0.0141	0.0141	1	10/07/25	10/08/25 10:41	HM
Nickel	**23.8**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Selenium	**5.19**		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Silver	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Thallium	ND		mg/kg dry	0.282	0.282	1	10/07/25	10/08/25 10:41	HM
Zinc	**55.4**		mg/kg dry	1.41	1.41	1	10/07/25	10/08/25 10:41	HM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-18

5100724-18 (Soil)
Sampled on: 10/07/25 11:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Acenaphthylene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Anthracene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Benzo[a]anthracene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Benzo[b]fluoranthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Benzo[k]fluoranthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Benzo[a]pyrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Chrysene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Fluoranthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Fluorene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
1-Methylnaphthalene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
2-Methylnaphthalene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Naphthalene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Phenanthrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH
Pyrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 14:48	EH

Surrogate: 2-Fluorophenol	*23-121*	*77 %*	*10/08/25*	*10/09/25 14:48*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 14:48*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 14:48*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*93 %*	*10/08/25*	*10/09/25 14:48*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 14:48*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 14:48*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-18

5100724-18 (Soil)
Sampled on: 10/07/25 11:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**96**		%			1	10/07/25	10/08/25 11:55	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1221	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1232	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1242	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1248	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1254	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1260	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1262	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Aroclor-1268	ND		ug/kg dry	41.8	41.8	1	10/08/25	10/09/25 14:03	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*111 %*	*10/08/25*		*10/09/25 14:03*		
Surrogate: Decachlorobiphenyl			*40-150*	*72 %*	*10/08/25*		*10/09/25 14:03*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Arsenic	**1.43**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Beryllium	**0.705**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Cadmium	ND		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Chromium	**23.5**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Copper	**8.00**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Lead	**8.47**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Mercury	ND		mg/kg dry	0.0130	0.0130	1	10/07/25	10/08/25 11:29	HM
Nickel	**21.0**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Selenium	**4.73**		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Silver	ND		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Thallium	ND		mg/kg dry	0.261	0.261	1	10/07/25	10/08/25 11:29	HM
Zinc	**47.3**		mg/kg dry	1.30	1.30	1	10/07/25	10/08/25 11:29	HM

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-19

5100724-19 (Soil)
Sampled on: 10/07/25 11:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Acenaphthylene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Anthracene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Benzo[a]anthracene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Benzo[b]fluoranthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Benzo[k]fluoranthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Benzo[a]pyrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Chrysene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Fluoranthene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Fluorene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
1-Methylnaphthalene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
2-Methylnaphthalene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Naphthalene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Phenanthrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH
Pyrene	ND		ug/kg dry	86	86	1	10/08/25	10/09/25 15:11	EH

Surrogate: 2-Fluorophenol	*23-121*	*75 %*	*10/08/25*	*10/09/25 15:11*
Surrogate: Phenol-d5	*24-113*	*80 %*	*10/08/25*	*10/09/25 15:11*
Surrogate: Nitrobenzene-d5	*23-120*	*75 %*	*10/08/25*	*10/09/25 15:11*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*93 %*	*10/08/25*	*10/09/25 15:11*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 15:11*
Surrogate: Terphenyl-d14	*18-137*	*91 %*	*10/08/25*	*10/09/25 15:11*

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Analytical Results

1500 Caton Center Dr Suite G
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-19

5100724-19 (Soil)
Sampled on: 10/07/25 11:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**93**		%			1	10/07/25	10/08/25 11:57	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1221	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1232	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1242	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1248	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1254	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1260	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1262	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Aroclor-1268	ND		ug/kg dry	43.1	43.1	1	10/08/25	10/09/25 15:30	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*114 %*	*10/08/25*		*10/09/25 15:30*		
Surrogate: Decachlorobiphenyl			*40-150*	*55 %*	*10/08/25*		*10/09/25 15:30*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Arsenic	**1.88**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Beryllium	**0.823**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Cadmium	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Chromium	**30.1**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Copper	**9.09**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Lead	**11.2**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Mercury	ND		mg/kg dry	0.0135	0.0135	1	10/07/25	10/08/25 11:31	HM
Nickel	**27.7**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Selenium	**4.72**		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Silver	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Thallium	ND		mg/kg dry	0.270	0.270	1	10/07/25	10/08/25 11:31	HM
Zinc	**59.3**		mg/kg dry	1.35	1.35	1	10/07/25	10/08/25 11:31	HM

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-20

5100724-20 (Soil)
Sampled on: 10/07/25 12:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Acenaphthylene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Benzo[a]anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Benzo[b]fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Benzo[k]fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Benzo[a]pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Chrysene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Fluoranthene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Fluorene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
1-Methylnaphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
2-Methylnaphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Naphthalene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Phenanthrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH
Pyrene	ND		ug/kg dry	89	89	1	10/08/25	10/09/25 15:33	EH

Surrogate: 2-Fluorophenol	*23-121*	*77 %*	*10/08/25*	*10/09/25 15:33*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 15:33*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 15:33*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*93 %*	*10/08/25*	*10/09/25 15:33*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 15:33*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 15:33*

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-20

5100724-20 (Soil)
Sampled on: 10/07/25 12:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/07/25	10/08/25 11:59	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1221	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1232	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1242	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1248	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1254	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1260	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1262	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Aroclor-1268	ND		ug/kg dry	44.6	44.6	1	10/08/25	10/09/25 15:43	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*110 %*	*10/08/25*		*10/09/25 15:43*		
Surrogate: Decachlorobiphenyl			*40-150*	*57 %*	*10/08/25*		*10/09/25 15:43*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Arsenic	**1.89**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Beryllium	**0.601**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Cadmium	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Chromium	**25.8**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Copper	**7.92**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Lead	**8.86**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Mercury	ND		mg/kg dry	0.0139	0.0139	1	10/07/25	10/08/25 11:44	HM
Nickel	**23.5**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Selenium	**4.65**		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Silver	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Thallium	ND		mg/kg dry	0.279	0.279	1	10/07/25	10/08/25 11:44	HM
Zinc	**51.1**		mg/kg dry	1.39	1.39	1	10/07/25	10/08/25 11:44	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-21

5100724-21 (Soil)
Sampled on: 10/07/25 12:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 11:21	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 11:21*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 11:21*
Surrogate: Nitrobenzene-d5	*23-120*	*77 %*	*10/08/25*	*10/09/25 11:21*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*88 %*	*10/08/25*	*10/09/25 11:21*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 11:21*
Surrogate: Terphenyl-d14	*18-137*	*91 %*	*10/08/25*	*10/09/25 11:21*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-21

5100724-21 (Soil)
Sampled on: 10/07/25 12:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/07/25	10/08/25 12:01	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1221	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1232	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1242	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1248	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1254	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1260	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1262	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Aroclor-1268	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 15:57	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*95 %*	*10/08/25*		*10/09/25 15:57*		
Surrogate: Decachlorobiphenyl			*40-150*	*55 %*	*10/08/25*		*10/09/25 15:57*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Arsenic	**1.13**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Beryllium	**0.477**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Cadmium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Chromium	**20.9**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Copper	**5.75**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Lead	**5.95**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Mercury	ND		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 11:47	HM
Nickel	**18.0**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Selenium	**3.57**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Silver	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Thallium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 11:47	HM
Zinc	**41.8**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 11:47	HM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-22

5100724-22 (Soil)
Sampled on: 10/07/25 12:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 11:42	EH

Surrogate: 2-Fluorophenol	*23-121*	*75 %*	*10/08/25*	*10/09/25 11:42*
Surrogate: Phenol-d5	*24-113*	*80 %*	*10/08/25*	*10/09/25 11:42*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 11:42*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 11:42*
Surrogate: 2-Fluorobiphenyl	*30-115*	*86 %*	*10/08/25*	*10/09/25 11:42*
Surrogate: Terphenyl-d14	*18-137*	*93 %*	*10/08/25*	*10/09/25 11:42*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-22

5100724-22 (Soil)
Sampled on: 10/07/25 12:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 12:03	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1221	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1232	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1242	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1248	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1254	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1260	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1262	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Aroclor-1268	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 16:25	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*90 %*	*10/08/25*		*10/09/25 16:25*		
Surrogate: Decachlorobiphenyl			*40-150*	*56 %*	*10/08/25*		*10/09/25 16:25*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Arsenic	**1.88**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Beryllium	**0.768**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Cadmium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Chromium	**28.0**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Copper	**9.68**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Lead	**10.3**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Mercury	ND		mg/kg dry	0.0141	0.0141	1	10/07/25	10/08/25 11:49	HM
Nickel	**24.0**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Selenium	**4.08**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Silver	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Thallium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:49	HM
Zinc	**55.2**		mg/kg dry	1.41	1.41	1	10/07/25	10/08/25 11:49	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-23

5100724-23 (Soil)
Sampled on: 10/07/25 12:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Acenaphthylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Benzo[a]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Benzo[b]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Benzo[k]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Benzo[a]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Chrysene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Fluorene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
1-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
2-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Naphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Phenanthrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH
Pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:03	EH

Surrogate: 2-Fluorophenol	*23-121*	*80 %*	*10/08/25*	*10/09/25 12:03*
Surrogate: Phenol-d5	*24-113*	*85 %*	*10/08/25*	*10/09/25 12:03*
Surrogate: Nitrobenzene-d5	*23-120*	*80 %*	*10/08/25*	*10/09/25 12:03*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*92 %*	*10/08/25*	*10/09/25 12:03*
Surrogate: 2-Fluorobiphenyl	*30-115*	*89 %*	*10/08/25*	*10/09/25 12:03*
Surrogate: Terphenyl-d14	*18-137*	*95 %*	*10/08/25*	*10/09/25 12:03*

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Analytical Results

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-23

5100724-23 (Soil)
Sampled on: 10/07/25 12:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**88**		%			1	10/07/25	10/08/25 12:05	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1221	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1232	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1242	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1248	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1254	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1260	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1262	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Aroclor-1268	ND		ug/kg dry	45.5	45.5	1	10/08/25	10/09/25 16:38	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*104 %*	*10/08/25*		*10/09/25 16:38*		
Surrogate: Decachlorobiphenyl			*40-150*	*64 %*	*10/08/25*		*10/09/25 16:38*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Arsenic	**1.73**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Beryllium	**0.721**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Cadmium	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Chromium	**27.0**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Copper	**9.38**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Lead	**10.4**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Mercury	ND		mg/kg dry	0.0142	0.0142	1	10/07/25	10/08/25 11:52	HM
Nickel	**23.8**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Selenium	**4.47**		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Silver	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Thallium	ND		mg/kg dry	0.285	0.285	1	10/07/25	10/08/25 11:52	HM
Zinc	**52.6**		mg/kg dry	1.42	1.42	1	10/07/25	10/08/25 11:52	HM

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-24

5100724-24 (Soil)
Sampled on: 10/07/25 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 12:24	EH

Surrogate: 2-Fluorophenol	*23-121*	*77 %*	*10/08/25*	*10/09/25 12:24*
Surrogate: Phenol-d5	*24-113*	*82 %*	*10/08/25*	*10/09/25 12:24*
Surrogate: Nitrobenzene-d5	*23-120*	*77 %*	*10/08/25*	*10/09/25 12:24*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 12:24*
Surrogate: 2-Fluorobiphenyl	*30-115*	*84 %*	*10/08/25*	*10/09/25 12:24*
Surrogate: Terphenyl-d14	*18-137*	*91 %*	*10/08/25*	*10/09/25 12:24*

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-24

5100724-24 (Soil)
Sampled on: 10/07/25 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/07/25	10/08/25 12:07	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1221	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1232	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1242	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1248	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1254	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1260	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1262	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Aroclor-1268	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 16:52	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*96 %*	*10/08/25*		*10/09/25 16:52*		
Surrogate: Decachlorobiphenyl			*40-150*	*62 %*	*10/08/25*		*10/09/25 16:52*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Arsenic	**1.89**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Beryllium	**0.749**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Cadmium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Chromium	**26.4**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Copper	**8.97**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Lead	**10.0**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Mercury	ND		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 11:54	HM
Nickel	**23.7**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Selenium	**3.93**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Silver	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Thallium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 11:54	HM
Zinc	**54.1**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 11:54	HM

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Will Brewington, President

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-25

5100724-25 (Soil)
Sampled on: 10/07/25 13:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Acenaphthylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Benzo[a]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Benzo[b]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Benzo[k]fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Benzo[a]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Chrysene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Fluoranthene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Fluorene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
1-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
2-Methylnaphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Naphthalene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Phenanthrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH
Pyrene	ND		ug/kg dry	91	91	1	10/08/25	10/09/25 12:45	EH

Surrogate: 2-Fluorophenol	*23-121*	*77 %*	*10/08/25*	*10/09/25 12:45*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 12:45*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 12:45*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*85 %*	*10/08/25*	*10/09/25 12:45*
Surrogate: 2-Fluorobiphenyl	*30-115*	*83 %*	*10/08/25*	*10/09/25 12:45*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 12:45*

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Maryland spectral Services

Analytical Chemistry Services

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410-247-7600
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-25

5100724-25 (Soil)
Sampled on: 10/07/25 13:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**88**		%			1	10/07/25	10/08/25 12:09	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1221	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1232	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1242	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1248	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1254	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1260	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1262	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Aroclor-1268	ND		ug/kg dry	45.3	45.3	1	10/08/25	10/09/25 17:06	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*96 %*	*10/08/25*		*10/09/25 17:06*		
Surrogate: Decachlorobiphenyl			*40-150*	*59 %*	*10/08/25*		*10/09/25 17:06*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Arsenic	**1.50**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Beryllium	**0.629**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Cadmium	ND		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Chromium	**23.0**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Copper	**7.94**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Lead	**8.66**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Mercury	ND		mg/kg dry	0.0142	0.0142	1	10/07/25	10/08/25 11:57	HM
Nickel	**20.7**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Selenium	**3.41**		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Silver	ND		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Thallium	ND		mg/kg dry	0.283	0.283	1	10/07/25	10/08/25 11:57	HM
Zinc	**46.8**		mg/kg dry	1.42	1.42	1	10/07/25	10/08/25 11:57	HM

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-26

5100724-26 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:07	EH

Surrogate: 2-Fluorophenol	*23-121*	*72 %*	*10/08/25*	*10/09/25 13:07*
Surrogate: Phenol-d5	*24-113*	*76 %*	*10/08/25*	*10/09/25 13:07*
Surrogate: Nitrobenzene-d5	*23-120*	*73 %*	*10/08/25*	*10/09/25 13:07*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*87 %*	*10/08/25*	*10/09/25 13:07*
Surrogate: 2-Fluorobiphenyl	*30-115*	*79 %*	*10/08/25*	*10/09/25 13:07*
Surrogate: Terphenyl-d14	*18-137*	*88 %*	*10/08/25*	*10/09/25 13:07*

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Maryland spectral Services

Analytical Chemistry Services

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-26

5100724-26 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 12:11	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1221	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1232	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1242	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1248	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1254	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1260	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1262	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Aroclor-1268	ND		ug/kg dry	45.0	45.0	1	10/08/25	10/09/25 17:20	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*93 %*	*10/08/25*		*10/09/25 17:20*		
Surrogate: Decachlorobiphenyl			*40-150*	*65 %*	*10/08/25*		*10/09/25 17:20*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Arsenic	**2.09**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Beryllium	**0.696**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Cadmium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Chromium	**27.0**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Copper	**9.98**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Lead	**10.8**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Mercury	ND		mg/kg dry	0.0141	0.0141	1	10/07/25	10/08/25 11:59	HM
Nickel	**24.1**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Selenium	**4.52**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Silver	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Thallium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 11:59	HM
Zinc	**53.5**		mg/kg dry	1.41	1.41	1	10/07/25	10/08/25 11:59	HM

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Analytical Results

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Baltimore MD 21227
410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-27

5100724-27 (Soil)
Sampled on: 10/07/25 13:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 13:28	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 13:28*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 13:28*
Surrogate: Nitrobenzene-d5	*23-120*	*77 %*	*10/08/25*	*10/09/25 13:28*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*89 %*	*10/08/25*	*10/09/25 13:28*
Surrogate: 2-Fluorobiphenyl	*30-115*	*84 %*	*10/08/25*	*10/09/25 13:28*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 13:28*

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-27

5100724-27 (Soil)
Sampled on: 10/07/25 13:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/07/25	10/08/25 12:13	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1221	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1232	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1242	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1248	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1254	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1260	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1262	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Aroclor-1268	ND		ug/kg dry	44.8	44.8	1	10/08/25	10/09/25 17:33	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*105 %*	*10/08/25*		*10/09/25 17:33*		
Surrogate: Decachlorobiphenyl			*40-150*	*67 %*	*10/08/25*		*10/09/25 17:33*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Arsenic	**1.98**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Beryllium	**0.944**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Cadmium	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Chromium	**28.1**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Copper	**11.2**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Lead	**11.4**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Mercury	ND		mg/kg dry	0.0140	0.0140	1	10/07/25	10/08/25 12:02	HM
Nickel	**25.9**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Selenium	**5.04**		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Silver	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Thallium	ND		mg/kg dry	0.280	0.280	1	10/07/25	10/08/25 12:02	HM
Zinc	**57.2**		mg/kg dry	1.40	1.40	1	10/07/25	10/08/25 12:02	HM

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Will Brewington, President

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-28

5100724-28 (Soil)
Sampled on: 10/07/25 13:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 13:49	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 13:49*
Surrogate: Phenol-d5	*24-113*	*80 %*	*10/08/25*	*10/09/25 13:49*
Surrogate: Nitrobenzene-d5	*23-120*	*78 %*	*10/08/25*	*10/09/25 13:49*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 13:49*
Surrogate: 2-Fluorobiphenyl	*30-115*	*87 %*	*10/08/25*	*10/09/25 13:49*
Surrogate: Terphenyl-d14	*18-137*	*93 %*	*10/08/25*	*10/09/25 13:49*

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Analytical Results

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-28

5100724-28 (Soil)
Sampled on: 10/07/25 13:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/07/25	10/08/25 12:15	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1221	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1232	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1242	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1248	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1254	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1260	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1262	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Aroclor-1268	ND		ug/kg dry	43.9	43.9	1	10/08/25	10/09/25 17:47	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*101 %*	*10/08/25*		*10/09/25 17:47*		
Surrogate: Decachlorobiphenyl			*40-150*	*66 %*	*10/08/25*		*10/09/25 17:47*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Arsenic	**1.66**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Beryllium	**0.685**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Cadmium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Chromium	**26.4**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Copper	**8.49**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Lead	**9.87**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Mercury	ND		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 12:04	HM
Nickel	**22.4**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Selenium	**4.17**		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Silver	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Thallium	ND		mg/kg dry	0.274	0.274	1	10/07/25	10/08/25 12:04	HM
Zinc	**51.4**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 12:04	HM

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-29

5100724-29 (Soil)
Sampled on: 10/07/25 13:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Acenaphthylene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Anthracene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Benzo[a]anthracene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Benzo[b]fluoranthene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Benzo[k]fluoranthene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Benzo[a]pyrene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Chrysene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Fluoranthene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Fluorene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
1-Methylnaphthalene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
2-Methylnaphthalene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Naphthalene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Phenanthrene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH
Pyrene	ND		ug/kg dry	96	96	1	10/08/25	10/09/25 14:10	EH

Surrogate: 2-Fluorophenol	*23-121*	*78 %*	*10/08/25*	*10/09/25 14:10*
Surrogate: Phenol-d5	*24-113*	*83 %*	*10/08/25*	*10/09/25 14:10*
Surrogate: Nitrobenzene-d5	*23-120*	*80 %*	*10/08/25*	*10/09/25 14:10*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 14:10*
Surrogate: 2-Fluorobiphenyl	*30-115*	*87 %*	*10/08/25*	*10/09/25 14:10*
Surrogate: Terphenyl-d14	*18-137*	*90 %*	*10/08/25*	*10/09/25 14:10*

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Maryland spectral Services

Analytical Chemistry Services

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410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-29

5100724-29 (Soil)
Sampled on: 10/07/25 13:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**83**		%			1	10/07/25	10/08/25 12:17	MM
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1221	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1232	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1242	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1248	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1254	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1260	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1262	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Aroclor-1268	ND		ug/kg dry	48.1	48.1	1	10/08/25	10/09/25 18:01	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*107 %*	*10/08/25*		*10/09/25 18:01*		
Surrogate: Decachlorobiphenyl			*40-150*	*70 %*	*10/08/25*		*10/09/25 18:01*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Arsenic	**1.94**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Beryllium	**0.824**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Cadmium	ND		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Chromium	**28.5**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Copper	**9.66**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Lead	**10.7**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Mercury	ND		mg/kg dry	0.0150	0.0150	1	10/07/25	10/08/25 12:07	HM
Nickel	**26.1**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Selenium	**4.95**		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Silver	ND		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Thallium	ND		mg/kg dry	0.301	0.301	1	10/07/25	10/08/25 12:07	HM
Zinc	**58.0**		mg/kg dry	1.50	1.50	1	10/07/25	10/08/25 12:07	HM

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-30

5100724-30 (Soil)
Sampled on: 10/07/25 14:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 14:31	EH

Surrogate: 2-Fluorophenol	*23-121*	*75 %*	*10/08/25*	*10/09/25 14:31*
Surrogate: Phenol-d5	*24-113*	*79 %*	*10/08/25*	*10/09/25 14:31*
Surrogate: Nitrobenzene-d5	*23-120*	*76 %*	*10/08/25*	*10/09/25 14:31*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*90 %*	*10/08/25*	*10/09/25 14:31*
Surrogate: 2-Fluorobiphenyl	*30-115*	*85 %*	*10/08/25*	*10/09/25 14:31*
Surrogate: Terphenyl-d14	*18-137*	*91 %*	*10/08/25*	*10/09/25 14:31*

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Maryland spectral Services

Analytical Chemistry Services

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-30

5100724-30 (Soil)
Sampled on: 10/07/25 14:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1221	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1232	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1242	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1248	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1254	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1260	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1262	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Aroclor-1268	ND		ug/kg dry	44.0	44.0	1	10/08/25	10/09/25 18:15	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*103 %*	*10/08/25*		*10/09/25 18:15*		
Surrogate: Decachlorobiphenyl			*40-150*	*63 %*	*10/08/25*		*10/09/25 18:15*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Arsenic	**1.43**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Beryllium	**0.617**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Cadmium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Chromium	**21.1**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Copper	**7.32**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Lead	**8.66**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Mercury	ND		mg/kg dry	0.0138	0.0138	1	10/07/25	10/08/25 12:18	HM
Nickel	**18.6**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Selenium	**4.23**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Silver	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Thallium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:18	HM
Zinc	**41.6**		mg/kg dry	1.38	1.38	1	10/07/25	10/08/25 12:18	HM

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-31

5100724-31 (Soil)
Sampled on: 10/07/25 14:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Acenaphthylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Benzo[a]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Benzo[b]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Benzo[k]fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Benzo[a]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Chrysene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Fluoranthene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Fluorene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
1-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
2-Methylnaphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Naphthalene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Phenanthrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH
Pyrene	ND		ug/kg dry	90	90	1	10/08/25	10/09/25 14:52	EH

Surrogate: 2-Fluorophenol	*23-121*	*74 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: Phenol-d5	*24-113*	*78 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: Nitrobenzene-d5	*23-120*	*75 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*85 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: 2-Fluorobiphenyl	*30-115*	*82 %*	*10/08/25*	*10/09/25 14:52*
Surrogate: Terphenyl-d14	*18-137*	*88 %*	*10/08/25*	*10/09/25 14:52*

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Will Brewington, President

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-31

5100724-31 (Soil)
Sampled on: 10/07/25 14:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/08/25	10/09/25 11:05	RS
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1221	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1232	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1242	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1248	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1254	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1260	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1262	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Aroclor-1268	ND		ug/kg dry	44.9	44.9	1	10/08/25	10/09/25 18:28	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*106 %*	*10/08/25*		*10/09/25 18:28*		
Surrogate: Decachlorobiphenyl			*40-150*	*65 %*	*10/08/25*		*10/09/25 18:28*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Arsenic	**1.50**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Beryllium	**0.727**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Cadmium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Chromium	**24.0**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Copper	**8.37**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Lead	**9.57**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Mercury	ND		mg/kg dry	0.0140	0.0140	1	10/07/25	10/08/25 12:20	HM
Nickel	**21.6**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Selenium	**4.15**		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Silver	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Thallium	ND		mg/kg dry	0.281	0.281	1	10/07/25	10/08/25 12:20	HM
Zinc	**47.6**		mg/kg dry	1.40	1.40	1	10/07/25	10/08/25 12:20	HM

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Will Brewington, President

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-32

5100724-32 (Soil)
Sampled on: 10/07/25 14:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Acenaphthylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Benzo[a]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Benzo[b]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Benzo[k]fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Benzo[a]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Chrysene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Fluoranthene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Fluorene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
1-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
2-Methylnaphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Naphthalene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Phenanthrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH
Pyrene	ND		ug/kg dry	88	88	1	10/08/25	10/09/25 15:13	EH

Surrogate: 2-Fluorophenol	*23-121*	*72 %*	*10/08/25*	*10/09/25 15:13*
Surrogate: Phenol-d5	*24-113*	*77 %*	*10/08/25*	*10/09/25 15:13*
Surrogate: Nitrobenzene-d5	*23-120*	*74 %*	*10/08/25*	*10/09/25 15:13*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*87 %*	*10/08/25*	*10/09/25 15:13*
Surrogate: 2-Fluorobiphenyl	*30-115*	*82 %*	*10/08/25*	*10/09/25 15:13*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 15:13*

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Maryland spectral Services

Analytical Chemistry Services

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-32

5100724-32 (Soil)
Sampled on: 10/07/25 14:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1221	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1232	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1242	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1248	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1254	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1260	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1262	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Aroclor-1268	ND		ug/kg dry	44.0	44.0	1	10/09/25	10/10/25 13:01	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*92 %*	*10/09/25*		*10/10/25 13:01*		
Surrogate: Decachlorobiphenyl			*40-150*	*67 %*	*10/09/25*		*10/10/25 13:01*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Arsenic	**1.67**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Beryllium	**0.745**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Cadmium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Chromium	**25.1**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Copper	**8.23**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Lead	**9.50**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Mercury	ND		mg/kg dry	0.0138	0.0138	1	10/07/25	10/08/25 12:23	HM
Nickel	**21.2**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Selenium	**4.56**		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Silver	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Thallium	ND		mg/kg dry	0.275	0.275	1	10/07/25	10/08/25 12:23	HM
Zinc	**46.1**		mg/kg dry	1.38	1.38	1	10/07/25	10/08/25 12:23	HM

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-33

5100724-33 (Soil)
Sampled on: 10/07/25 14:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Acenaphthylene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Anthracene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Benzo[a]anthracene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Benzo[b]fluoranthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Benzo[k]fluoranthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Benzo[a]pyrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Chrysene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Fluoranthene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Fluorene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
1-Methylnaphthalene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
2-Methylnaphthalene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Naphthalene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Phenanthrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH
Pyrene	ND		ug/kg dry	84	84	1	10/08/25	10/09/25 15:34	EH

Surrogate: 2-Fluorophenol	*23-121*	*71 %*	*10/08/25*	*10/09/25 15:34*
Surrogate: Phenol-d5	*24-113*	*76 %*	*10/08/25*	*10/09/25 15:34*
Surrogate: Nitrobenzene-d5	*23-120*	*73 %*	*10/08/25*	*10/09/25 15:34*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*87 %*	*10/08/25*	*10/09/25 15:34*
Surrogate: 2-Fluorobiphenyl	*30-115*	*83 %*	*10/08/25*	*10/09/25 15:34*
Surrogate: Terphenyl-d14	*18-137*	*89 %*	*10/08/25*	*10/09/25 15:34*

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-33

5100724-33 (Soil)
Sampled on: 10/07/25 14:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**95**		%			1	10/08/25	10/09/25 11:05	RS
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1221	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1232	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1242	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1248	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1254	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1260	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1262	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Aroclor-1268	ND		ug/kg dry	42.0	42.0	1	10/09/25	10/10/25 13:15	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*94 %*	*10/09/25*		*10/10/25 13:15*		
Surrogate: Decachlorobiphenyl			*40-150*	*66 %*	*10/09/25*		*10/10/25 13:15*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Arsenic	**1.80**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Beryllium	**0.691**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Cadmium	ND		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Chromium	**26.5**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Copper	**7.55**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Lead	**9.91**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Mercury	ND		mg/kg dry	0.0131	0.0131	1	10/07/25	10/08/25 12:25	HM
Nickel	**22.8**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Selenium	**4.62**		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Silver	ND		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Thallium	ND		mg/kg dry	0.262	0.262	1	10/07/25	10/08/25 12:25	HM
Zinc	**54.0**		mg/kg dry	1.31	1.31	1	10/07/25	10/08/25 12:25	HM

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-34

5100724-34 (Soil)
Sampled on: 10/07/25 14:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Semivolatile Organics by EPA 8270D (GC/MS) Prepared by 3540-GCMS(Soxhlet)									
Acenaphthene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Acenaphthylene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Anthracene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Benzo[a]anthracene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Benzo[b]fluoranthene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Benzo[k]fluoranthene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Benzo[g,h,i]perylene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Benzo[a]pyrene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Chrysene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Dibenz[a,h]anthracene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Fluoranthene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Fluorene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Indeno[1,2,3-cd]pyrene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
1-Methylnaphthalene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
2-Methylnaphthalene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Naphthalene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Phenanthrene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH
Pyrene	ND		ug/kg dry	87	87	1	10/08/25	10/09/25 15:55	EH

Surrogate: 2-Fluorophenol	*23-121*	*76 %*	*10/08/25*	*10/09/25 15:55*
Surrogate: Phenol-d5	*24-113*	*81 %*	*10/08/25*	*10/09/25 15:55*
Surrogate: Nitrobenzene-d5	*23-120*	*78 %*	*10/08/25*	*10/09/25 15:55*
Surrogate: 2,4,6-Tribromophenol	*19-122*	*91 %*	*10/08/25*	*10/09/25 15:55*
Surrogate: 2-Fluorobiphenyl	*30-115*	*87 %*	*10/08/25*	*10/09/25 15:55*
Surrogate: Terphenyl-d14	*18-137*	*93 %*	*10/08/25*	*10/09/25 15:55*

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-34

5100724-34 (Soil)
Sampled on: 10/07/25 14:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS
POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) Prepared by 3540-GC(Soxhlet) ClPestPCB									
Aroclor-1016	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1221	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1232	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1242	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1248	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1254	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1260	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1262	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Aroclor-1268	ND		ug/kg dry	43.7	43.7	1	10/09/25	10/10/25 13:29	ARS
Surrogate: Tetrachloro-m-xylene			*40-150*	*94 %*	*10/09/25*		*10/10/25 13:29*		
Surrogate: Decachlorobiphenyl			*40-150*	*70 %*	*10/09/25*		*10/10/25 13:29*		
Total Metals Analysis by EPA 6020B Prepared by 3050B-Metals Digestion									
Antimony	ND		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Arsenic	**2.17**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Beryllium	**0.932**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Cadmium	ND		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Chromium	**29.7**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Copper	**9.36**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Lead	**11.6**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Mercury	ND		mg/kg dry	0.0137	0.0137	1	10/07/25	10/08/25 12:28	HM
Nickel	**25.4**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Selenium	**5.49**		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Silver	ND		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Thallium	ND		mg/kg dry	0.273	0.273	1	10/07/25	10/08/25 12:28	HM
Zinc	**59.6**		mg/kg dry	1.37	1.37	1	10/07/25	10/08/25 12:28	HM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-1G 10'

5100724-35 (Soil)
Sampled on: 10/07/25 10:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 13:08	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	58.9	58.9	1	10/08/25	10/08/25 13:08	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Benzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Bromobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Bromochloromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Bromodichloromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Bromoform	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Bromomethane	ND		ug/kg dry	5.9	5.9	1	10/08/25	10/08/25 13:08	JT
tert-Butanol (TBA)	ND		ug/kg dry	58.9	58.9	1	10/08/25	10/08/25 13:08	JT
2-Butanone (MEK)	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 13:08	JT
n-Butylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
sec-Butylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
tert-Butylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Carbon disulfide	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Carbon tetrachloride	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Chlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Chloroethane	ND		ug/kg dry	5.9	5.9	1	10/08/25	10/08/25 13:08	JT
Chloroform	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Chloromethane	ND		ug/kg dry	5.9	5.9	1	10/08/25	10/08/25 13:08	JT
2-Chlorotoluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
4-Chlorotoluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Dibromochloromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Dibromomethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1-Dichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2-Dichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1-Dichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-1G 10'

5100724-35 (Soil)
Sampled on: 10/07/25 10:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Dichlorofluoromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2-Dichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,3-Dichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
2,2-Dichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1-Dichloropropene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Ethylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Hexachlorobutadiene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
2-Hexanone	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 13:08	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
4-Isopropyltoluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 13:08	JT
Methylene chloride	ND		ug/kg dry	23.6	23.6	1	10/08/25	10/08/25 13:08	JT
Naphthalene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
n-Propylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Styrene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Tetrachloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Toluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Trichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-1G 10'

5100724-35 (Soil)
Sampled on: 10/07/25 10:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Vinyl chloride	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
o-Xylene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
m- & p-Xylenes	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 13:08	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*94 %*		*10/08/25*	*10/08/25 13:08*		
Surrogate: Toluene-d8			*75-120*	*101 %*		*10/08/25*	*10/08/25 13:08*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*		*10/08/25*	*10/08/25 13:08*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.12	0.12	1	10/08/25	10/08/25 12:47	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 12:47*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.4	9.4	1	10/08/25	10/09/25 10:07	TS
Surrogate: o-Terphenyl			*70-130*	*80 %*		*10/08/25*	*10/09/25 10:07*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**85**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-2G 4'

5100724-36 (Soil)
Sampled on: 10/07/25 10:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 13:33	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.2	55.2	1	10/08/25	10/08/25 13:33	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 13:33	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.2	55.2	1	10/08/25	10/08/25 13:33	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 13:33	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 13:33	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 13:33	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-2G 4'

5100724-36 (Soil)
Sampled on: 10/07/25 10:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 13:33	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 13:33	JT
Methylene chloride	ND		ug/kg dry	22.1	22.1	1	10/08/25	10/08/25 13:33	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-2G 4'

5100724-36 (Soil)
Sampled on: 10/07/25 10:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:33	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*93 %*	*10/08/25*		*10/08/25 13:33*		
Surrogate: Toluene-d8			*75-120*	*102 %*	*10/08/25*		*10/08/25 13:33*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*	*10/08/25*		*10/08/25 13:33*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 13:14	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/08/25*		*10/08/25 13:14*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/08/25	10/09/25 10:35	TS
Surrogate: o-Terphenyl			*70-130*	*80 %*	*10/08/25*		*10/09/25 10:35*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-3G 9'

5100724-37 (Soil)
Sampled on: 10/07/25 10:15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 13:59	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.6	54.6	1	10/08/25	10/08/25 13:59	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 13:59	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.6	54.6	1	10/08/25	10/08/25 13:59	JT
2-Butanone (MEK)	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 13:59	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 13:59	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 13:59	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-3G 9'

5100724-37 (Soil)
Sampled on: 10/07/25 10:15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
2-Hexanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 13:59	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 13:59	JT
Methylene chloride	ND		ug/kg dry	21.8	21.8	1	10/08/25	10/08/25 13:59	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-3G 9'

5100724-37 (Soil)
Sampled on: 10/07/25 10:15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 13:59	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*93 %*		*10/08/25*	*10/08/25 13:59*		
Surrogate: Toluene-d8			*75-120*	*101 %*		*10/08/25*	*10/08/25 13:59*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*		*10/08/25*	*10/08/25 13:59*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 13:41	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 13:41*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.7	8.7	1	10/08/25	10/09/25 11:02	TS
Surrogate: o-Terphenyl			*70-130*	*94 %*		*10/08/25*	*10/09/25 11:02*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**92**		%			1	10/08/25	10/09/25 11:05	RS

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410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-4G 6'

5100724-38 (Soil)
Sampled on: 10/07/25 10:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 14:25	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.5	54.5	1	10/08/25	10/08/25 14:25	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Benzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Bromobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Bromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Bromodichloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Bromoform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Bromomethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 14:25	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.5	54.5	1	10/08/25	10/08/25 14:25	JT
2-Butanone (MEK)	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 14:25	JT
n-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
sec-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
tert-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Carbon disulfide	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Carbon tetrachloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Chlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Chloroethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 14:25	JT
Chloroform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Chloromethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 14:25	JT
2-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
4-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Dibromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Dibromomethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-4G 6'

5100724-38 (Soil)
Sampled on: 10/07/25 10:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Dichlorofluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,3-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
2,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Ethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Hexachlorobutadiene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
2-Hexanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 14:25	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
4-Isopropyltoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 14:25	JT
Methylene chloride	ND		ug/kg dry	21.8	21.8	1	10/08/25	10/08/25 14:25	JT
Naphthalene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
n-Propylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Styrene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Tetrachloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Toluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Trichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-4G 6'

5100724-38 (Soil)
Sampled on: 10/07/25 10:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Vinyl chloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
o-Xylene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
m- & p-Xylenes	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:25	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*97 %*		*10/08/25*	*10/08/25 14:25*		
Surrogate: Toluene-d8			*75-120*	*100 %*		*10/08/25*	*10/08/25 14:25*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*		*10/08/25*	*10/08/25 14:25*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 14:09	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 14:09*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.7	8.7	1	10/08/25	10/09/25 11:30	TS
Surrogate: o-Terphenyl			*70-130*	*86 %*		*10/08/25*	*10/09/25 11:30*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**92**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-5G 5'

5100724-39 (Soil)
Sampled on: 10/07/25 10:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 14:50	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	53.9	53.9	1	10/08/25	10/08/25 14:50	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Benzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Bromobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Bromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Bromodichloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Bromoform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Bromomethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 14:50	JT
tert-Butanol (TBA)	ND		ug/kg dry	53.9	53.9	1	10/08/25	10/08/25 14:50	JT
2-Butanone (MEK)	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 14:50	JT
n-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
sec-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
tert-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Carbon disulfide	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Carbon tetrachloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Chlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Chloroethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 14:50	JT
Chloroform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Chloromethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 14:50	JT
2-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
4-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Dibromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Dibromomethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-5G 5'

5100724-39 (Soil)
Sampled on: 10/07/25 10:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Dichlorofluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,3-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
2,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Ethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Hexachlorobutadiene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
2-Hexanone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 14:50	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
4-Isopropyltoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 14:50	JT
Methylene chloride	ND		ug/kg dry	21.6	21.6	1	10/08/25	10/08/25 14:50	JT
Naphthalene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
n-Propylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Styrene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Tetrachloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Toluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Trichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-5G 5'

5100724-39 (Soil)
Sampled on: 10/07/25 10:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Vinyl chloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
o-Xylene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
m- & p-Xylenes	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 14:50	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*94 %*	*10/08/25*		*10/08/25 14:50*		
Surrogate: Toluene-d8			*75-120*	*102 %*	*10/08/25*		*10/08/25 14:50*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*	*10/08/25*		*10/08/25 14:50*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 14:36	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/08/25*		*10/08/25 14:36*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.6	8.6	1	10/08/25	10/09/25 11:57	TS
Surrogate: o-Terphenyl			*70-130*	*84 %*	*10/08/25*		*10/09/25 11:57*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**93**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-6G 2'

5100724-40 (Soil)
Sampled on: 10/07/25 10:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 15:16	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.6	55.6	1	10/08/25	10/08/25 15:16	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 15:16	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.6	55.6	1	10/08/25	10/08/25 15:16	JT
2-Butanone (MEK)	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 15:16	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 15:16	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 15:16	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-6G 2'

5100724-40 (Soil)
Sampled on: 10/07/25 10:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
2-Hexanone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 15:16	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 15:16	JT
Methylene chloride	ND		ug/kg dry	22.2	22.2	1	10/08/25	10/08/25 15:16	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-6G 2'

5100724-40 (Soil)
Sampled on: 10/07/25 10:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 15:16	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*93 %*		*10/08/25*	*10/08/25 15:16*		
Surrogate: Toluene-d8			*75-120*	*101 %*		*10/08/25*	*10/08/25 15:16*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*		*10/08/25*	*10/08/25 15:16*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 15:03	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 15:03*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.9	8.9	1	10/08/25	10/09/25 12:25	TS
Surrogate: o-Terphenyl			*70-130*	*85 %*		*10/08/25*	*10/09/25 12:25*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-7G 7'

5100724-41 (Soil)
Sampled on: 10/07/25 10:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.6	10.6	1	10/08/25	10/08/25 15:42	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	53.0	53.0	1	10/08/25	10/08/25 15:42	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Benzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Bromobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Bromochloromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Bromodichloromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Bromoform	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Bromomethane	ND		ug/kg dry	5.3	5.3	1	10/08/25	10/08/25 15:42	JT
tert-Butanol (TBA)	ND		ug/kg dry	53.0	53.0	1	10/08/25	10/08/25 15:42	JT
2-Butanone (MEK)	ND		ug/kg dry	10.6	10.6	1	10/08/25	10/08/25 15:42	JT
n-Butylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
sec-Butylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
tert-Butylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Carbon disulfide	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Carbon tetrachloride	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Chlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Chloroethane	ND		ug/kg dry	5.3	5.3	1	10/08/25	10/08/25 15:42	JT
Chloroform	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Chloromethane	ND		ug/kg dry	5.3	5.3	1	10/08/25	10/08/25 15:42	JT
2-Chlorotoluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
4-Chlorotoluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Dibromochloromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Dibromomethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1-Dichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2-Dichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1-Dichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-7G 7'

5100724-41 (Soil)
Sampled on: 10/07/25 10:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Dichlorofluoromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2-Dichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,3-Dichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
2,2-Dichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1-Dichloropropene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Ethylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Hexachlorobutadiene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
2-Hexanone	ND		ug/kg dry	10.6	10.6	1	10/08/25	10/08/25 15:42	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
4-Isopropyltoluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.6	10.6	1	10/08/25	10/08/25 15:42	JT
Methylene chloride	ND		ug/kg dry	21.2	21.2	1	10/08/25	10/08/25 15:42	JT
Naphthalene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
n-Propylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Styrene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Tetrachloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Toluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Trichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-7G 7'

5100724-41 (Soil)
Sampled on: 10/07/25 10:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Vinyl chloride	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
o-Xylene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
m- & p-Xylenes	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 15:42	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*96 %*		*10/08/25*	*10/08/25 15:42*		
Surrogate: Toluene-d8			*75-120*	*100 %*		*10/08/25*	*10/08/25 15:42*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*		*10/08/25*	*10/08/25 15:42*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 15:30	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 15:30*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.5	8.5	1	10/08/25	10/09/25 09:33	TS
Surrogate: o-Terphenyl			*70-130*	*83 %*		*10/08/25*	*10/09/25 09:33*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**94**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-8G 5'

5100724-42 (Soil)
Sampled on: 10/07/25 10:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 16:07	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.6	54.6	1	10/08/25	10/08/25 16:07	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:07	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.6	54.6	1	10/08/25	10/08/25 16:07	JT
2-Butanone (MEK)	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 16:07	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:07	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:07	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-8G 5'

5100724-42 (Soil)
Sampled on: 10/07/25 10:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
2-Hexanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 16:07	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 16:07	JT
Methylene chloride	ND		ug/kg dry	21.8	21.8	1	10/08/25	10/08/25 16:07	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT

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www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-8G 5'

5100724-42 (Soil)
Sampled on: 10/07/25 10:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:07	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*94 %*	*10/08/25*		*10/08/25 16:07*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/08/25*		*10/08/25 16:07*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/08/25*		*10/08/25 16:07*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 15:58	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/08/25*		*10/08/25 15:58*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.7	8.7	1	10/08/25	10/09/25 09:57	TS
Surrogate: o-Terphenyl			*70-130*	*87 %*	*10/08/25*		*10/09/25 09:57*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**92**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-9G

5100724-43 (Soil)
Sampled on: 10/07/25 10:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 16:33	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	59.0	59.0	1	10/08/25	10/08/25 16:33	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Benzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Bromobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Bromochloromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Bromodichloromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Bromoform	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Bromomethane	ND		ug/kg dry	5.9	5.9	1	10/08/25	10/08/25 16:33	JT
tert-Butanol (TBA)	ND		ug/kg dry	59.0	59.0	1	10/08/25	10/08/25 16:33	JT
2-Butanone (MEK)	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 16:33	JT
n-Butylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
sec-Butylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
tert-Butylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Carbon disulfide	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Carbon tetrachloride	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Chlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Chloroethane	ND		ug/kg dry	5.9	5.9	1	10/08/25	10/08/25 16:33	JT
Chloroform	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Chloromethane	ND		ug/kg dry	5.9	5.9	1	10/08/25	10/08/25 16:33	JT
2-Chlorotoluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
4-Chlorotoluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Dibromochloromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Dibromomethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1-Dichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2-Dichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1-Dichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT

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Analytical Results

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-9G

5100724-43 (Soil)
Sampled on: 10/07/25 10:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Dichlorofluoromethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2-Dichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,3-Dichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
2,2-Dichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1-Dichloropropene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Ethylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Hexachlorobutadiene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
2-Hexanone	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 16:33	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
4-Isopropyltoluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.8	11.8	1	10/08/25	10/08/25 16:33	JT
Methylene chloride	ND		ug/kg dry	23.6	23.6	1	10/08/25	10/08/25 16:33	JT
Naphthalene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
n-Propylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Styrene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Tetrachloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Toluene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Trichloroethene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-9G

5100724-43 (Soil)
Sampled on: 10/07/25 10:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Vinyl chloride	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
o-Xylene	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
m- & p-Xylenes	ND		ug/kg dry	5.9	2.4	1	10/08/25	10/08/25 16:33	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*96 %*	*10/08/25*		*10/08/25 16:33*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/08/25*		*10/08/25 16:33*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*	*10/08/25*		*10/08/25 16:33*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.12	0.12	1	10/08/25	10/08/25 16:25	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/08/25*		*10/08/25 16:25*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.4	9.4	1	10/08/25	10/09/25 10:22	TS
Surrogate: o-Terphenyl			*70-130*	*86 %*	*10/08/25*		*10/09/25 10:22*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**85**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-10G 4'

5100724-44 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 16:59	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.1	54.1	1	10/08/25	10/08/25 16:59	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Benzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Bromobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Bromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Bromodichloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Bromoform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Bromomethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 16:59	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.1	54.1	1	10/08/25	10/08/25 16:59	JT
2-Butanone (MEK)	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 16:59	JT
n-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
sec-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
tert-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Carbon disulfide	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Carbon tetrachloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Chlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Chloroethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 16:59	JT
Chloroform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Chloromethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 16:59	JT
2-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
4-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Dibromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Dibromomethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-10G 4'

5100724-44 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Dichlorofluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,3-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
2,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Ethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Hexachlorobutadiene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
2-Hexanone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 16:59	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
4-Isopropyltoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 16:59	JT
Methylene chloride	ND		ug/kg dry	21.6	21.6	1	10/08/25	10/08/25 16:59	JT
Naphthalene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
n-Propylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Styrene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Tetrachloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Toluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Trichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-10G 4'

5100724-44 (Soil)
Sampled on: 10/07/25 11:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Vinyl chloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
o-Xylene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
m- & p-Xylenes	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 16:59	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*96 %*		*10/08/25*	*10/08/25 16:59*		
Surrogate: Toluene-d8			*75-120*	*100 %*		*10/08/25*	*10/08/25 16:59*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*		*10/08/25*	*10/08/25 16:59*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 16:52	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 16:52*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.7	8.7	1	10/08/25	10/09/25 10:47	TS
Surrogate: o-Terphenyl			*70-130*	*91 %*		*10/08/25*	*10/09/25 10:47*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**92**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-11G 4'

5100724-45 (Soil)
Sampled on: 10/07/25 11:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 17:24	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	53.8	53.8	1	10/08/25	10/08/25 17:24	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Benzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Bromobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Bromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Bromodichloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Bromoform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Bromomethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 17:24	JT
tert-Butanol (TBA)	ND		ug/kg dry	53.8	53.8	1	10/08/25	10/08/25 17:24	JT
2-Butanone (MEK)	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 17:24	JT
n-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
sec-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
tert-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Carbon disulfide	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Carbon tetrachloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Chlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Chloroethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 17:24	JT
Chloroform	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Chloromethane	ND		ug/kg dry	5.4	5.4	1	10/08/25	10/08/25 17:24	JT
2-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
4-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Dibromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Dibromomethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT

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410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-11G 4'

5100724-45 (Soil)
Sampled on: 10/07/25 11:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Dichlorofluoromethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,3-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
2,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Ethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Hexachlorobutadiene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
2-Hexanone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 17:24	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
4-Isopropyltoluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.8	10.8	1	10/08/25	10/08/25 17:24	JT
Methylene chloride	ND		ug/kg dry	21.5	21.5	1	10/08/25	10/08/25 17:24	JT
Naphthalene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
n-Propylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Styrene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Tetrachloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Toluene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Trichloroethene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-11G 4'

5100724-45 (Soil)
Sampled on: 10/07/25 11:05

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Vinyl chloride	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
o-Xylene	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
m- & p-Xylenes	ND		ug/kg dry	5.4	2.2	1	10/08/25	10/08/25 17:24	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*95 %*		*10/08/25*	*10/08/25 17:24*		
Surrogate: Toluene-d8			*75-120*	*100 %*		*10/08/25*	*10/08/25 17:24*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*		*10/08/25*	*10/08/25 17:24*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 17:19	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 17:19*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.6	8.6	1	10/08/25	10/09/25 11:11	TS
Surrogate: o-Terphenyl			*70-130*	*89 %*		*10/08/25*	*10/09/25 11:11*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**93**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-12G 8'

5100724-46 (Soil)
Sampled on: 10/07/25 11:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 17:50	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.8	54.8	1	10/08/25	10/08/25 17:50	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 17:50	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.8	54.8	1	10/08/25	10/08/25 17:50	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 17:50	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 17:50	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 17:50	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-12G 8'

5100724-46 (Soil)
Sampled on: 10/07/25 11:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 17:50	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 17:50	JT
Methylene chloride	ND		ug/kg dry	21.9	21.9	1	10/08/25	10/08/25 17:50	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT

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Analytical Results

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-12G 8'

5100724-46 (Soil)
Sampled on: 10/07/25 11:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 17:50	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*96 %*	*10/08/25*		*10/08/25 17:50*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/08/25*		*10/08/25 17:50*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*96 %*	*10/08/25*		*10/08/25 17:50*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 17:46	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/08/25*		*10/08/25 17:46*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/08/25	10/09/25 10:01	TS
Surrogate: o-Terphenyl			*70-130*	*80 %*	*10/08/25*		*10/09/25 10:01*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-13G 10'

5100724-47 (Soil)
Sampled on: 10/07/25 11:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:15	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.0	55.0	1	10/08/25	10/08/25 18:15	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 18:15	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.0	55.0	1	10/08/25	10/08/25 18:15	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:15	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 18:15	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 18:15	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-13G 10'

5100724-47 (Soil)
Sampled on: 10/07/25 11:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:15	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:15	JT
Methylene chloride	ND		ug/kg dry	22.0	22.0	1	10/08/25	10/08/25 18:15	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-13G 10'

5100724-47 (Soil)
Sampled on: 10/07/25 11:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:15	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*95 %*		*10/08/25*	*10/08/25 18:15*		
Surrogate: Toluene-d8			*75-120*	*101 %*		*10/08/25*	*10/08/25 18:15*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*		*10/08/25*	*10/08/25 18:15*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 18:14	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 18:14*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/08/25	10/09/25 10:28	TS
Surrogate: o-Terphenyl			*70-130*	*86 %*		*10/08/25*	*10/09/25 10:28*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Baltimore MD 21227
410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-14G 4'

5100724-48 (Soil)
Sampled on: 10/07/25 11:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:41	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	56.5	56.5	1	10/08/25	10/08/25 18:41	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Benzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Bromobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Bromoform	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:41	JT
tert-Butanol (TBA)	ND		ug/kg dry	56.5	56.5	1	10/08/25	10/08/25 18:41	JT
2-Butanone (MEK)	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:41	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:41	JT
Chloroform	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:41	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Dibromomethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-14G 4'

5100724-48 (Soil)
Sampled on: 10/07/25 11:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
2-Hexanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:41	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:41	JT
Methylene chloride	ND		ug/kg dry	22.6	22.6	1	10/08/25	10/08/25 18:41	JT
Naphthalene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Styrene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Toluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Trichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-14G 4'

5100724-48 (Soil)
Sampled on: 10/07/25 11:25

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
o-Xylene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:41	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*94 %*	*10/08/25*		*10/08/25 18:41*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/08/25*		*10/08/25 18:41*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/08/25*		*10/08/25 18:41*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 18:41	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*104 %*	*10/08/25*		*10/08/25 18:41*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.0	9.0	1	10/08/25	10/09/25 10:56	TS
Surrogate: o-Terphenyl			*70-130*	*85 %*	*10/08/25*		*10/09/25 10:56*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-15G 5'

5100724-49 (Soil)
Sampled on: 10/07/25 11:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:07	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	56.1	56.1	1	10/08/25	10/08/25 19:07	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 19:07	JT
tert-Butanol (TBA)	ND		ug/kg dry	56.1	56.1	1	10/08/25	10/08/25 19:07	JT
2-Butanone (MEK)	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:07	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 19:07	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 19:07	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-15G 5'

5100724-49 (Soil)
Sampled on: 10/07/25 11:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
2-Hexanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:07	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:07	JT
Methylene chloride	ND		ug/kg dry	22.4	22.4	1	10/08/25	10/08/25 19:07	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-15G 5'

5100724-49 (Soil)
Sampled on: 10/07/25 11:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:07	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*97 %*		*10/08/25*	*10/08/25 19:07*		
Surrogate: Toluene-d8			*75-120*	*101 %*		*10/08/25*	*10/08/25 19:07*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*99 %*		*10/08/25*	*10/08/25 19:07*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 22:46	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 22:46*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.0	9.0	1	10/08/25	10/09/25 11:23	TS
Surrogate: o-Terphenyl			*70-130*	*93 %*		*10/08/25*	*10/09/25 11:23*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-16G 3'

5100724-50 (Soil)
Sampled on: 10/07/25 11:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.7	10.7	1	10/08/25	10/08/25 19:32	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	53.4	53.4	1	10/08/25	10/08/25 19:32	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Benzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Bromobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Bromochloromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Bromodichloromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Bromoform	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Bromomethane	ND		ug/kg dry	5.3	5.3	1	10/08/25	10/08/25 19:32	JT
tert-Butanol (TBA)	ND		ug/kg dry	53.4	53.4	1	10/08/25	10/08/25 19:32	JT
2-Butanone (MEK)	ND		ug/kg dry	10.7	10.7	1	10/08/25	10/08/25 19:32	JT
n-Butylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
sec-Butylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
tert-Butylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Carbon disulfide	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Carbon tetrachloride	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Chlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Chloroethane	ND		ug/kg dry	5.3	5.3	1	10/08/25	10/08/25 19:32	JT
Chloroform	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Chloromethane	ND		ug/kg dry	5.3	5.3	1	10/08/25	10/08/25 19:32	JT
2-Chlorotoluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
4-Chlorotoluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Dibromochloromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Dibromomethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1-Dichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2-Dichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1-Dichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-16G 3'

5100724-50 (Soil)
Sampled on: 10/07/25 11:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Dichlorofluoromethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2-Dichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,3-Dichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
2,2-Dichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1-Dichloropropene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Ethylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Hexachlorobutadiene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
2-Hexanone	ND		ug/kg dry	10.7	10.7	1	10/08/25	10/08/25 19:32	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
4-Isopropyltoluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.7	10.7	1	10/08/25	10/08/25 19:32	JT
Methylene chloride	ND		ug/kg dry	21.3	21.3	1	10/08/25	10/08/25 19:32	JT
Naphthalene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
n-Propylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Styrene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Tetrachloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Toluene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Trichloroethene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-16G 3'

5100724-50 (Soil)
Sampled on: 10/07/25 11:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Vinyl chloride	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
o-Xylene	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
m- & p-Xylenes	ND		ug/kg dry	5.3	2.1	1	10/08/25	10/08/25 19:32	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*93 %*	*10/08/25*		*10/08/25 19:32*		
Surrogate: Toluene-d8			*75-120*	*101 %*	*10/08/25*		*10/08/25 19:32*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/08/25*		*10/08/25 19:32*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 23:13	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*104 %*	*10/08/25*		*10/08/25 23:13*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.5	8.5	1	10/08/25	10/09/25 11:51	TS
Surrogate: o-Terphenyl			*70-130*	*84 %*	*10/08/25*		*10/09/25 11:51*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**94**		%			1	10/08/25	10/09/25 11:05	RS

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Will Brewington, President

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-17G 12'

5100724-51 (Soil)
Sampled on: 10/07/25 11:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:58	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.8	55.8	1	10/08/25	10/08/25 19:58	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 19:58	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.8	55.8	1	10/08/25	10/08/25 19:58	JT
2-Butanone (MEK)	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:58	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 19:58	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 19:58	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT

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Will Brewington, President

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-17G 12'

5100724-51 (Soil)
Sampled on: 10/07/25 11:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
2-Hexanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:58	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 19:58	JT
Methylene chloride	ND		ug/kg dry	22.3	22.3	1	10/08/25	10/08/25 19:58	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-17G 12'

5100724-51 (Soil)
Sampled on: 10/07/25 11:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 19:58	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*94 %*		*10/08/25*	*10/08/25 19:58*		
Surrogate: Toluene-d8			*75-120*	*100 %*		*10/08/25*	*10/08/25 19:58*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*		*10/08/25*	*10/08/25 19:58*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/08/25	10/08/25 23:41	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/08/25*	*10/08/25 23:41*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.9	8.9	1	10/08/25	10/09/25 12:18	TS
Surrogate: o-Terphenyl			*70-130*	*92 %*		*10/08/25*	*10/09/25 12:18*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-18G 5'

5100724-52 (Soil)
Sampled on: 10/07/25 11:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 20:24	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.8	55.8	1	10/08/25	10/08/25 20:24	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 20:24	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.8	55.8	1	10/08/25	10/08/25 20:24	JT
2-Butanone (MEK)	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 20:24	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 20:24	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 20:24	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-18G 5'

5100724-52 (Soil)
Sampled on: 10/07/25 11:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
2-Hexanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 20:24	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 20:24	JT
Methylene chloride	ND		ug/kg dry	22.3	22.3	1	10/08/25	10/08/25 20:24	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT

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Project: BAUXITE I

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Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-18G 5'

5100724-52 (Soil)
Sampled on: 10/07/25 11:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 20:24	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*96 %*	*10/08/25*		*10/08/25 20:24*		
Surrogate: Toluene-d8			*75-120*	*101 %*	*10/08/25*		*10/08/25 20:24*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*	*10/08/25*		*10/08/25 20:24*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 00:08	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 00:08*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.9	8.9	1	10/08/25	10/09/25 12:46	TS
Surrogate: o-Terphenyl			*70-130*	*81 %*	*10/08/25*		*10/09/25 12:46*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/08/25	10/09/25 11:05	RS

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-19G 3'

5100724-53 (Soil)
Sampled on: 10/07/25 11:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 20:49	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.0	55.0	1	10/08/25	10/08/25 20:49	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 20:49	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.0	55.0	1	10/08/25	10/08/25 20:49	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 20:49	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 20:49	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 20:49	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-19G 3'

5100724-53 (Soil)
Sampled on: 10/07/25 11:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 20:49	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 20:49	JT
Methylene chloride	ND		ug/kg dry	22.0	22.0	1	10/08/25	10/08/25 20:49	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-19G 3'

5100724-53 (Soil)
Sampled on: 10/07/25 11:55

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 20:49	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*98 %*	*10/08/25*		*10/08/25 20:49*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/08/25*		*10/08/25 20:49*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*96 %*	*10/08/25*		*10/08/25 20:49*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 00:35	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 00:35*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/08/25	10/09/25 13:14	TS
Surrogate: o-Terphenyl			*70-130*	*90 %*	*10/08/25*		*10/09/25 13:14*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-20G 5'

5100724-54 (Soil)
Sampled on: 10/07/25 12:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 21:15	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	56.0	56.0	1	10/08/25	10/08/25 21:15	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 21:15	JT
tert-Butanol (TBA)	ND		ug/kg dry	56.0	56.0	1	10/08/25	10/08/25 21:15	JT
2-Butanone (MEK)	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 21:15	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 21:15	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 21:15	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-20G 5'

5100724-54 (Soil)
Sampled on: 10/07/25 12:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
2-Hexanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 21:15	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.2	11.2	1	10/08/25	10/08/25 21:15	JT
Methylene chloride	ND		ug/kg dry	22.4	22.4	1	10/08/25	10/08/25 21:15	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-20G 5'

5100724-54 (Soil)
Sampled on: 10/07/25 12:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 21:15	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*95 %*		*10/08/25*	*10/08/25 21:15*		
Surrogate: Toluene-d8			*75-120*	*102 %*		*10/08/25*	*10/08/25 21:15*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*		*10/08/25*	*10/08/25 21:15*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 01:02	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/09/25*	*10/09/25 01:02*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.0	9.0	1	10/08/25	10/09/25 13:42	TS
Surrogate: o-Terphenyl			*70-130*	*87 %*		*10/08/25*	*10/09/25 13:42*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-21G 10'

5100724-55 (Soil)
Sampled on: 10/07/25 12:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 21:41	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.7	54.7	1	10/08/25	10/08/25 21:41	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 21:41	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.7	54.7	1	10/08/25	10/08/25 21:41	JT
2-Butanone (MEK)	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 21:41	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 21:41	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 21:41	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT

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410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-21G 10'

5100724-55 (Soil)
Sampled on: 10/07/25 12:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
2-Hexanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 21:41	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 21:41	JT
Methylene chloride	ND		ug/kg dry	21.9	21.9	1	10/08/25	10/08/25 21:41	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-21G 10'

5100724-55 (Soil)
Sampled on: 10/07/25 12:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 21:41	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*96 %*	*10/08/25*		*10/08/25 21:41*		
Surrogate: Toluene-d8			*75-120*	*102 %*	*10/08/25*		*10/08/25 21:41*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/08/25*		*10/08/25 21:41*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 01:30	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*102 %*	*10/09/25*		*10/09/25 01:30*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/09/25	10/09/25 14:16	TS
Surrogate: o-Terphenyl			*70-130*	*93 %*	*10/09/25*		*10/09/25 14:16*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-22G 5'

5100724-56 (Soil)
Sampled on: 10/07/25 12:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 15:47	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.5	54.5	1	10/08/25	10/08/25 15:47	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 15:47	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.5	54.5	1	10/08/25	10/08/25 15:47	JT
2-Butanone (MEK)	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 15:47	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 15:47	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 15:47	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-22G 5'

5100724-56 (Soil)
Sampled on: 10/07/25 12:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
2-Hexanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 15:47	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.9	10.9	1	10/08/25	10/08/25 15:47	JT
Methylene chloride	**28.2**	L	ug/kg dry	21.8	21.8	1	10/08/25	10/08/25 15:47	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT

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Analytical Results

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www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-22G 5'

5100724-56 (Soil)
Sampled on: 10/07/25 12:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 15:47	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*106 %*		*10/08/25*		*10/08/25 15:47*	
Surrogate: Toluene-d8			*75-120*	*97 %*		*10/08/25*		*10/08/25 15:47*	
Surrogate: 4-Bromofluorobenzene			*65-120*	*91 %*		*10/08/25*		*10/08/25 15:47*	
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 01:57	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/09/25*		*10/09/25 01:57*	
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.7	8.7	1	10/09/25	10/09/25 14:41	TS
Surrogate: o-Terphenyl			*70-130*	*90 %*		*10/09/25*		*10/09/25 14:41*	
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**92**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-23G 5'

5100724-57 (Soil)
Sampled on: 10/07/25 12:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 16:14	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.4	55.4	1	10/08/25	10/08/25 16:14	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:14	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.4	55.4	1	10/08/25	10/08/25 16:14	JT
2-Butanone (MEK)	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 16:14	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:14	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:14	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-23G 5'

5100724-57 (Soil)
Sampled on: 10/07/25 12:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
2-Hexanone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 16:14	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 16:14	JT
Methylene chloride	**25.4**	L	ug/kg dry	22.2	22.2	1	10/08/25	10/08/25 16:14	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT

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Baltimore MD 21227
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-23G 5'

5100724-57 (Soil)
Sampled on: 10/07/25 12:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:14	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*105 %*	*10/08/25*		*10/08/25 16:14*		
Surrogate: Toluene-d8			*75-120*	*98 %*	*10/08/25*		*10/08/25 16:14*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*90 %*	*10/08/25*		*10/08/25 16:14*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 02:24	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 02:24*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.9	8.9	1	10/09/25	10/09/25 15:06	TS
Surrogate: o-Terphenyl			*70-130*	*89 %*	*10/09/25*		*10/09/25 15:06*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-24G 3'

5100724-58 (Soil)
Sampled on: 10/07/25 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 16:41	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.0	55.0	1	10/08/25	10/08/25 16:41	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:41	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.0	55.0	1	10/08/25	10/08/25 16:41	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 16:41	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:41	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 16:41	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-24G 3'

5100724-58 (Soil)
Sampled on: 10/07/25 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 16:41	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 16:41	JT
Methylene chloride	**25.3**	L	ug/kg dry	22.0	22.0	1	10/08/25	10/08/25 16:41	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-24G 3'

5100724-58 (Soil)
Sampled on: 10/07/25 13:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 16:41	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*109 %*		*10/08/25*		*10/08/25 16:41*	
Surrogate: Toluene-d8			*75-120*	*98 %*		*10/08/25*		*10/08/25 16:41*	
Surrogate: 4-Bromofluorobenzene			*65-120*	*91 %*		*10/08/25*		*10/08/25 16:41*	
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 02:51	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/09/25*		*10/09/25 02:51*	
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/09/25	10/09/25 15:31	TS
Surrogate: o-Terphenyl			*70-130*	*85 %*		*10/09/25*		*10/09/25 15:31*	
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-25G 3'

5100724-59 (Soil)
Sampled on: 10/07/25 13:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 17:08	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.7	55.7	1	10/08/25	10/08/25 17:08	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 17:08	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.7	55.7	1	10/08/25	10/08/25 17:08	JT
2-Butanone (MEK)	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 17:08	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 17:08	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 17:08	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT

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410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-25G 3'

5100724-59 (Soil)
Sampled on: 10/07/25 13:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
2-Hexanone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 17:08	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.1	11.1	1	10/08/25	10/08/25 17:08	JT
Methylene chloride	**27.2**	L	ug/kg dry	22.3	22.3	1	10/08/25	10/08/25 17:08	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-25G 3'

5100724-59 (Soil)
Sampled on: 10/07/25 13:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/08/25	10/08/25 17:08	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*109 %*		*10/08/25*		*10/08/25 17:08*	
Surrogate: Toluene-d8			*75-120*	*99 %*		*10/08/25*		*10/08/25 17:08*	
Surrogate: 4-Bromofluorobenzene			*65-120*	*90 %*		*10/08/25*		*10/08/25 17:08*	
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 03:19	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/09/25*		*10/09/25 03:19*	
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.9	8.9	1	10/09/25	10/09/25 12:52	TS
Surrogate: o-Terphenyl			*70-130*	*88 %*		*10/09/25*		*10/09/25 12:52*	
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/08/25	10/09/25 11:05	RS

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Will Brewington, President

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-26G 6'

5100724-60 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 17:35	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	56.7	56.7	1	10/08/25	10/08/25 17:35	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Benzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Bromobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Bromochloromethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Bromodichloromethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Bromoform	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Bromomethane	ND		ug/kg dry	5.7	5.7	1	10/08/25	10/08/25 17:35	JT
tert-Butanol (TBA)	ND		ug/kg dry	56.7	56.7	1	10/08/25	10/08/25 17:35	JT
2-Butanone (MEK)	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 17:35	JT
n-Butylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
sec-Butylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
tert-Butylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Carbon disulfide	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Carbon tetrachloride	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Chlorobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Chloroethane	ND		ug/kg dry	5.7	5.7	1	10/08/25	10/08/25 17:35	JT
Chloroform	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Chloromethane	ND		ug/kg dry	5.7	5.7	1	10/08/25	10/08/25 17:35	JT
2-Chlorotoluene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
4-Chlorotoluene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Dibromochloromethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Dibromomethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1-Dichloroethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2-Dichloroethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1-Dichloroethene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-26G 6'

5100724-60 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Dichlorofluoromethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2-Dichloropropane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,3-Dichloropropane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
2,2-Dichloropropane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1-Dichloropropene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Ethylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Hexachlorobutadiene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
2-Hexanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 17:35	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
4-Isopropyltoluene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 17:35	JT
Methylene chloride	**23.8**	L	ug/kg dry	22.7	22.7	1	10/08/25	10/08/25 17:35	JT
Naphthalene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
n-Propylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Styrene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Tetrachloroethene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Toluene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Trichloroethene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-26G 6'

5100724-60 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Vinyl chloride	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
o-Xylene	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
m- & p-Xylenes	ND		ug/kg dry	5.7	2.3	1	10/08/25	10/08/25 17:35	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*109 %*	*10/08/25*		*10/08/25 17:35*		
Surrogate: Toluene-d8			*75-120*	*97 %*	*10/08/25*		*10/08/25 17:35*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*90 %*	*10/08/25*		*10/08/25 17:35*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 03:46	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 03:46*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.1	9.1	1	10/09/25	10/09/25 13:19	TS
Surrogate: o-Terphenyl			*70-130*	*97 %*	*10/09/25*		*10/09/25 13:19*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**88**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-27G 10'

5100724-61 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:02	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	56.4	56.4	1	10/08/25	10/08/25 18:02	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Benzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Bromobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Bromoform	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:02	JT
tert-Butanol (TBA)	ND		ug/kg dry	56.4	56.4	1	10/08/25	10/08/25 18:02	JT
2-Butanone (MEK)	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:02	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:02	JT
Chloroform	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:02	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Dibromomethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-27G 10'

5100724-61 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
2-Hexanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:02	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:02	JT
Methylene chloride	**26.8**	L	ug/kg dry	22.6	22.6	1	10/08/25	10/08/25 18:02	JT
Naphthalene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Styrene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Toluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Trichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-27G 10'

5100724-61 (Soil)
Sampled on: 10/07/25 13:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
o-Xylene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:02	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*110 %*		*10/08/25*		*10/08/25 18:02*	
Surrogate: Toluene-d8			*75-120*	*97 %*		*10/08/25*		*10/08/25 18:02*	
Surrogate: 4-Bromofluorobenzene			*65-120*	*90 %*		*10/08/25*		*10/08/25 18:02*	
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 04:14	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*104 %*		*10/09/25*		*10/09/25 04:14*	
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.0	9.0	1	10/09/25	10/09/25 13:46	TS
Surrogate: o-Terphenyl			*70-130*	*91 %*		*10/09/25*		*10/09/25 13:46*	
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-28G

5100724-62 (Soil)
Sampled on: 10/07/25 13:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:29	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.9	54.9	1	10/08/25	10/08/25 18:29	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 18:29	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.9	54.9	1	10/08/25	10/08/25 18:29	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:29	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 18:29	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/08/25	10/08/25 18:29	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-28G

5100724-62 (Soil)
Sampled on: 10/07/25 13:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:29	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/08/25	10/08/25 18:29	JT
Methylene chloride	**22.1**	L	ug/kg dry	22.0	22.0	1	10/08/25	10/08/25 18:29	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-28G

5100724-62 (Soil)
Sampled on: 10/07/25 13:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/08/25	10/08/25 18:29	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*108 %*		*10/08/25*	*10/08/25 18:29*		
Surrogate: Toluene-d8			*75-120*	*97 %*		*10/08/25*	*10/08/25 18:29*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*90 %*		*10/08/25*	*10/08/25 18:29*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 04:41	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*		*10/09/25*	*10/09/25 04:41*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/09/25	10/09/25 14:14	TS
Surrogate: o-Terphenyl			*70-130*	*91 %*		*10/09/25*	*10/09/25 14:14*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-29G 3'

5100724-63 (Soil)
Sampled on: 10/07/25 13:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:55	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	56.3	56.3	1	10/08/25	10/08/25 18:55	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Benzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Bromobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Bromoform	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:55	JT
tert-Butanol (TBA)	ND		ug/kg dry	56.3	56.3	1	10/08/25	10/08/25 18:55	JT
2-Butanone (MEK)	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:55	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:55	JT
Chloroform	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/08/25	10/08/25 18:55	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Dibromomethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-29G 3'

5100724-63 (Soil)
Sampled on: 10/07/25 13:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
2-Hexanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:55	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.3	11.3	1	10/08/25	10/08/25 18:55	JT
Methylene chloride	**23.7**	L	ug/kg dry	22.5	22.5	1	10/08/25	10/08/25 18:55	JT
Naphthalene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Styrene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Toluene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Trichloroethene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-29G 3'

5100724-63 (Soil)
Sampled on: 10/07/25 13:50

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
o-Xylene	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.3	1	10/08/25	10/08/25 18:55	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*109 %*		*10/08/25*	*10/08/25 18:55*		
Surrogate: Toluene-d8			*75-120*	*98 %*		*10/08/25*	*10/08/25 18:55*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*91 %*		*10/08/25*	*10/08/25 18:55*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 05:08	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*104 %*		*10/09/25*	*10/09/25 05:08*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	9.0	9.0	1	10/09/25	10/09/25 14:41	TS
Surrogate: o-Terphenyl			*70-130*	*89 %*		*10/09/25*	*10/09/25 14:41*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**89**		%			1	10/08/25	10/09/25 11:05	RS

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-30G 6'

5100724-64 (Soil)
Sampled on: 10/07/25 14:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.9	10.9	1	10/09/25	10/09/25 11:04	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.3	54.3	1	10/09/25	10/09/25 11:04	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Benzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Bromobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Bromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Bromodichloromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Bromoform	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Bromomethane	ND		ug/kg dry	5.4	5.4	1	10/09/25	10/09/25 11:04	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.3	54.3	1	10/09/25	10/09/25 11:04	JT
2-Butanone (MEK)	ND		ug/kg dry	10.9	10.9	1	10/09/25	10/09/25 11:04	JT
n-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
sec-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
tert-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Carbon disulfide	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Carbon tetrachloride	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Chlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Chloroethane	ND		ug/kg dry	5.4	5.4	1	10/09/25	10/09/25 11:04	JT
Chloroform	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Chloromethane	ND		ug/kg dry	5.4	5.4	1	10/09/25	10/09/25 11:04	JT
2-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
4-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Dibromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Dibromomethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT

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Baltimore MD 21227
410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-30G 6'

5100724-64 (Soil)
Sampled on: 10/07/25 14:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Dichlorofluoromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,3-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
2,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Ethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Hexachlorobutadiene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
2-Hexanone	ND		ug/kg dry	10.9	10.9	1	10/09/25	10/09/25 11:04	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
4-Isopropyltoluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.9	10.9	1	10/09/25	10/09/25 11:04	JT
Methylene chloride	ND		ug/kg dry	21.7	21.7	1	10/09/25	10/09/25 11:04	JT
Naphthalene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
n-Propylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Styrene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Tetrachloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Toluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Trichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-30G 6'

5100724-64 (Soil)
Sampled on: 10/07/25 14:00

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Vinyl chloride	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
o-Xylene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
m- & p-Xylenes	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:04	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*98 %*	*10/09/25*		*10/09/25 11:04*		
Surrogate: Toluene-d8			*75-120*	*101 %*	*10/09/25*		*10/09/25 11:04*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/09/25*		*10/09/25 11:04*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 05:36	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 05:36*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.7	8.7	1	10/09/25	10/09/25 14:09	TS
Surrogate: o-Terphenyl			*70-130*	*91 %*	*10/09/25*		*10/09/25 14:09*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**92**		%			1	10/08/25	10/09/25 11:05	RS

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-31G 7'

5100724-65 (Soil)
Sampled on: 10/07/25 14:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	10.8	10.8	1	10/09/25	10/09/25 11:31	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	53.8	53.8	1	10/09/25	10/09/25 11:31	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Benzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Bromobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Bromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Bromodichloromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Bromoform	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Bromomethane	ND		ug/kg dry	5.4	5.4	1	10/09/25	10/09/25 11:31	JT
tert-Butanol (TBA)	ND		ug/kg dry	53.8	53.8	1	10/09/25	10/09/25 11:31	JT
2-Butanone (MEK)	ND		ug/kg dry	10.8	10.8	1	10/09/25	10/09/25 11:31	JT
n-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
sec-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
tert-Butylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Carbon disulfide	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Carbon tetrachloride	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Chlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Chloroethane	ND		ug/kg dry	5.4	5.4	1	10/09/25	10/09/25 11:31	JT
Chloroform	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Chloromethane	ND		ug/kg dry	5.4	5.4	1	10/09/25	10/09/25 11:31	JT
2-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
4-Chlorotoluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Dibromochloromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Dibromomethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2-Dichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT

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Baltimore MD 21227
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-31G 7'

5100724-65 (Soil)
Sampled on: 10/07/25 14:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Dichlorofluoromethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,3-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
2,2-Dichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Ethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Hexachlorobutadiene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
2-Hexanone	ND		ug/kg dry	10.8	10.8	1	10/09/25	10/09/25 11:31	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
4-Isopropyltoluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
4-Methyl-2-pentanone	ND		ug/kg dry	10.8	10.8	1	10/09/25	10/09/25 11:31	JT
Methylene chloride	ND		ug/kg dry	21.5	21.5	1	10/09/25	10/09/25 11:31	JT
Naphthalene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
n-Propylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Styrene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Tetrachloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Toluene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Trichloroethene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-31G 7'

5100724-65 (Soil)
Sampled on: 10/07/25 14:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Vinyl chloride	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
o-Xylene	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
m- & p-Xylenes	ND		ug/kg dry	5.4	2.2	1	10/09/25	10/09/25 11:31	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*99 %*	*10/09/25*		*10/09/25 11:31*		
Surrogate: Toluene-d8			*75-120*	*101 %*	*10/09/25*		*10/09/25 11:31*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/09/25*		*10/09/25 11:31*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 06:03	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 06:03*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.6	8.6	1	10/09/25	10/09/25 14:37	TS
Surrogate: o-Terphenyl			*70-130*	*95 %*	*10/09/25*		*10/09/25 14:37*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**93**		%			1	10/08/25	10/09/25 11:05	RS

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-32G 5'

5100724-66 (Soil)
Sampled on: 10/07/25 14:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.1	11.1	1	10/09/25	10/09/25 11:56	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.7	55.7	1	10/09/25	10/09/25 11:56	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Benzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Bromobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Bromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Bromodichloromethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Bromoform	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Bromomethane	ND		ug/kg dry	5.6	5.6	1	10/09/25	10/09/25 11:56	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.7	55.7	1	10/09/25	10/09/25 11:56	JT
2-Butanone (MEK)	ND		ug/kg dry	11.1	11.1	1	10/09/25	10/09/25 11:56	JT
n-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
sec-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
tert-Butylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Carbon disulfide	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Carbon tetrachloride	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Chlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Chloroethane	ND		ug/kg dry	5.6	5.6	1	10/09/25	10/09/25 11:56	JT
Chloroform	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Chloromethane	ND		ug/kg dry	5.6	5.6	1	10/09/25	10/09/25 11:56	JT
2-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
4-Chlorotoluene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Dibromochloromethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Dibromomethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2-Dichloroethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-32G 5'

5100724-66 (Soil)
Sampled on: 10/07/25 14:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Dichlorofluoromethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,3-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
2,2-Dichloropropane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Ethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Hexachlorobutadiene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
2-Hexanone	ND		ug/kg dry	11.1	11.1	1	10/09/25	10/09/25 11:56	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
4-Isopropyltoluene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.1	11.1	1	10/09/25	10/09/25 11:56	JT
Methylene chloride	ND		ug/kg dry	22.3	22.3	1	10/09/25	10/09/25 11:56	JT
Naphthalene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
n-Propylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Styrene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Tetrachloroethene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Toluene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Trichloroethene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-32G 5'

5100724-66 (Soil)
Sampled on: 10/07/25 14:20

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Vinyl chloride	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
o-Xylene	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
m- & p-Xylenes	ND		ug/kg dry	5.6	2.2	1	10/09/25	10/09/25 11:56	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*100 %*	*10/09/25*		*10/09/25 11:56*		
Surrogate: Toluene-d8			*75-120*	*104 %*	*10/09/25*		*10/09/25 11:56*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*99 %*	*10/09/25*		*10/09/25 11:56*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 06:30	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 06:30*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.9	8.9	1	10/09/25	10/09/25 15:04	TS
Surrogate: o-Terphenyl			*70-130*	*82 %*	*10/09/25*		*10/09/25 15:04*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**90**		%			1	10/08/25	10/09/25 11:05	RS

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-33G 5'

5100724-67 (Soil)
Sampled on: 10/07/25 14:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:22	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	55.0	55.0	1	10/09/25	10/09/25 12:22	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/09/25	10/09/25 12:22	JT
tert-Butanol (TBA)	ND		ug/kg dry	55.0	55.0	1	10/09/25	10/09/25 12:22	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:22	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/09/25	10/09/25 12:22	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/09/25	10/09/25 12:22	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT

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410-247-7600
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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-33G 5'

5100724-67 (Soil)
Sampled on: 10/07/25 14:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:22	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:22	JT
Methylene chloride	ND		ug/kg dry	22.0	22.0	1	10/09/25	10/09/25 12:22	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-33G 5'

5100724-67 (Soil)
Sampled on: 10/07/25 14:30

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:22	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*98 %*	*10/09/25*		*10/09/25 12:22*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/09/25*		*10/09/25 12:22*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*98 %*	*10/09/25*		*10/09/25 12:22*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 06:57	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 06:57*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/09/25	10/09/25 15:32	TS
Surrogate: o-Terphenyl			*70-130*	*92 %*	*10/09/25*		*10/09/25 15:32*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-34G 3'

5100724-68 (Soil)
Sampled on: 10/07/25 14:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS									
Acetone	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:48	JT
tert-Amyl alcohol (TAA)	ND		ug/kg dry	54.9	54.9	1	10/09/25	10/09/25 12:48	JT
tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Benzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Bromobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Bromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Bromodichloromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Bromoform	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Bromomethane	ND		ug/kg dry	5.5	5.5	1	10/09/25	10/09/25 12:48	JT
tert-Butanol (TBA)	ND		ug/kg dry	54.9	54.9	1	10/09/25	10/09/25 12:48	JT
2-Butanone (MEK)	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:48	JT
n-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
sec-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
tert-Butylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Carbon disulfide	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Carbon tetrachloride	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Chlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Chloroethane	ND		ug/kg dry	5.5	5.5	1	10/09/25	10/09/25 12:48	JT
Chloroform	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Chloromethane	ND		ug/kg dry	5.5	5.5	1	10/09/25	10/09/25 12:48	JT
2-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
4-Chlorotoluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Dibromochloromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2-Dibromoethane (EDB)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Dibromomethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,3-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,4-Dichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Dichlorodifluoromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2-Dichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-34G 3'

5100724-68 (Soil)
Sampled on: 10/07/25 14:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
cis-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
trans-1,2-Dichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Dichlorofluoromethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,3-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
2,2-Dichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
cis-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
trans-1,3-Dichloropropene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Ethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Hexachlorobutadiene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
2-Hexanone	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:48	JT
Isopropylbenzene (Cumene)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
4-Isopropyltoluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
4-Methyl-2-pentanone	ND		ug/kg dry	11.0	11.0	1	10/09/25	10/09/25 12:48	JT
Methylene chloride	ND		ug/kg dry	22.0	22.0	1	10/09/25	10/09/25 12:48	JT
Naphthalene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
n-Propylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Styrene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Tetrachloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Toluene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1,1-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,1,2-Trichloroethane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Trichloroethene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Trichlorofluoromethane (Freon 11)	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,2,3-Trichloropropane	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

OU-34G 3'

5100724-68 (Soil)
Sampled on: 10/07/25 14:40

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by 5030-GCMS (continued)									
1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Vinyl chloride	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
o-Xylene	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
m- & p-Xylenes	ND		ug/kg dry	5.5	2.2	1	10/09/25	10/09/25 12:48	JT
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*97 %*	*10/09/25*		*10/09/25 12:48*		
Surrogate: Toluene-d8			*75-120*	*100 %*	*10/09/25*		*10/09/25 12:48*		
Surrogate: 4-Bromofluorobenzene			*65-120*	*97 %*	*10/09/25*		*10/09/25 12:48*		
GASOLINE RANGE ORGANICS BY EPA 5030/8015C Prepared by 5030-GC									
Gasoline-Range Organics	ND		mg/kg dry	0.11	0.11	1	10/09/25	10/09/25 07:25	JT
Surrogate: a,a,a-Trifluorotoluene [FID]			*85-115*	*103 %*	*10/09/25*		*10/09/25 07:25*		
DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3546-GC									
Diesel-Range Organics (C10-C28)	ND		mg/kg dry	8.8	8.8	1	10/09/25	10/09/25 15:59	TS
Surrogate: o-Terphenyl			*70-130*	*91 %*	*10/09/25*		*10/09/25 15:59*		
PERCENT SOLIDS BY ASTM D2216-05 Prepared by Percent Solids									
Percent Solids	**91**		%			1	10/08/25	10/09/25 11:05	RS

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Blank (BIJ0184-BLK1)				Prepared & Analyzed: 10/08/25						
Acetone	ND	10.0	ug/kg wet							
tert-Amyl alcohol (TAA)	ND	50.0	ug/kg wet							
tert-Amyl methyl ether (TAME)	ND	5.0	ug/kg wet							
Benzene	ND	5.0	ug/kg wet							
Bromobenzene	ND	5.0	ug/kg wet							
Bromochloromethane	ND	5.0	ug/kg wet							
Bromodichloromethane	ND	5.0	ug/kg wet							
Bromoform	ND	5.0	ug/kg wet							
Bromomethane	ND	5.0	ug/kg wet							
tert-Butanol (TBA)	ND	50.0	ug/kg wet							
2-Butanone (MEK)	ND	10.0	ug/kg wet							
n-Butylbenzene	ND	5.0	ug/kg wet							
sec-Butylbenzene	ND	5.0	ug/kg wet							
tert-Butylbenzene	ND	5.0	ug/kg wet							
Carbon disulfide	ND	5.0	ug/kg wet							
Carbon tetrachloride	ND	5.0	ug/kg wet							
Chlorobenzene	ND	5.0	ug/kg wet							
Chloroethane	ND	5.0	ug/kg wet							
Chloroform	ND	5.0	ug/kg wet							
Chloromethane	ND	5.0	ug/kg wet							
2-Chlorotoluene	ND	5.0	ug/kg wet							
4-Chlorotoluene	ND	5.0	ug/kg wet							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg wet							
Dibromochloromethane	ND	5.0	ug/kg wet							
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg wet							
Dibromomethane	ND	5.0	ug/kg wet							
1,2-Dichlorobenzene	ND	5.0	ug/kg wet							
1,3-Dichlorobenzene	ND	5.0	ug/kg wet							
1,4-Dichlorobenzene	ND	5.0	ug/kg wet							
Dichlorodifluoromethane	ND	5.0	ug/kg wet							
1,1-Dichloroethane	ND	5.0	ug/kg wet							
1,2-Dichloroethane	ND	5.0	ug/kg wet							
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Dichlorofluoromethane	ND	5.0	ug/kg wet							
1,2-Dichloropropane	ND	5.0	ug/kg wet							

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Blank (BIJ0184-BLK1)				Prepared & Analyzed: 10/08/25						
1,3-Dichloropropane	ND	5.0	ug/kg wet							
2,2-Dichloropropane	ND	5.0	ug/kg wet							
1,1-Dichloropropene	ND	5.0	ug/kg wet							
cis-1,3-Dichloropropene	ND	5.0	ug/kg wet							
trans-1,3-Dichloropropene	ND	5.0	ug/kg wet							
Diisopropyl ether (DIPE)	ND	5.0	ug/kg wet							
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/kg wet							
Ethylbenzene	ND	5.0	ug/kg wet							
Hexachlorobutadiene	ND	5.0	ug/kg wet							
2-Hexanone	ND	10.0	ug/kg wet							
Isopropylbenzene (Cumene)	ND	5.0	ug/kg wet							
4-Isopropyltoluene	ND	5.0	ug/kg wet							
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg wet							
4-Methyl-2-pentanone	ND	10.0	ug/kg wet							
Methylene chloride	ND	20.0	ug/kg wet							
Naphthalene	ND	5.0	ug/kg wet							
n-Propylbenzene	ND	5.0	ug/kg wet							
Styrene	ND	5.0	ug/kg wet							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet							
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Toluene	ND	5.0	ug/kg wet							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg wet							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg wet							
1,1,1-Trichloroethane	ND	5.0	ug/kg wet							
1,1,2-Trichloroethane	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Trichlorofluoromethane (Freon 11)	ND	5.0	ug/kg wet							
1,2,3-Trichloropropane	ND	5.0	ug/kg wet							
1,2,4-Trimethylbenzene	ND	5.0	ug/kg wet							
1,3,5-Trimethylbenzene	ND	5.0	ug/kg wet							
Vinyl chloride	ND	5.0	ug/kg wet							
o-Xylene	ND	5.0	ug/kg wet							
m- & p-Xylenes	ND	5.0	ug/kg wet							
Tentatively Identified Compounds (TICs)	0.0		ug/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*52.7*		ug/L	*50.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*48.3*		ug/L	*50.00*		*97*	*75-120*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Blank (BIJ0184-BLK1)				Prepared & Analyzed: 10/08/25						
Surrogate: 4-Bromofluorobenzene	*46.3*		ug/L	*50.00*		*93*	*65-120*			
LCS (BIJ0184-BS1)				Prepared & Analyzed: 10/08/25						
Acetone	8.1	10.0	ug/kg wet	10.00		81	30-150			J
tert-Amyl alcohol (TAA)	19.6	50.0	ug/kg wet	25.00		78	30-110			J
tert-Amyl methyl ether (TAME)	3.1	5.0	ug/kg wet	5.000		63	70-130			S-98, J
Benzene	3.8	5.0	ug/kg wet	5.000		75	70-130			J
Bromobenzene	4.0	5.0	ug/kg wet	5.000		81	70-130			J
Bromochloromethane	3.6	5.0	ug/kg wet	5.000		73	70-130			J
Bromodichloromethane	3.5	5.0	ug/kg wet	5.000		70	70-130			S-98, J
Bromoform	3.4	5.0	ug/kg wet	5.000		69	70-130			S-98, J
Bromomethane	4.0	5.0	ug/kg wet	5.000		80	25-150			J
tert-Butanol (TBA)	14.2	50.0	ug/kg wet	25.00		57	50-130			J
2-Butanone (MEK)	5.7	10.0	ug/kg wet	10.00		57	25-150			J
n-Butylbenzene	4.4	5.0	ug/kg wet	5.000		88	70-130			J
sec-Butylbenzene	4.3	5.0	ug/kg wet	5.000		87	70-130			J
tert-Butylbenzene	4.2	5.0	ug/kg wet	5.000		85	70-130			J
Carbon disulfide	4.0	5.0	ug/kg wet	5.000		80	70-130			J
Carbon tetrachloride	3.9	5.0	ug/kg wet	5.000		77	70-130			J
Chlorobenzene	4.1	5.0	ug/kg wet	5.000		82	70-130			J
Chloroethane	2.7	5.0	ug/kg wet	5.000		55	40-160			J
Chloroform	3.5	5.0	ug/kg wet	5.000		70	70-130			S-98, J
Chloromethane	4.2	5.0	ug/kg wet	5.000		84	60-150			J
2-Chlorotoluene	4.1	5.0	ug/kg wet	5.000		82	70-130			J
4-Chlorotoluene	4.3	5.0	ug/kg wet	5.000		86	70-130			J
1,2-Dibromo-3-chloropropane	4.4	5.0	ug/kg wet	5.000		88	70-130			J
Dibromochloromethane	3.8	5.0	ug/kg wet	5.000		76	70-130			J
1,2-Dibromoethane (EDB)	3.6	5.0	ug/kg wet	5.000		73	70-130			J
Dibromomethane	3.3	5.0	ug/kg wet	5.000		67	70-130			S-98, J
1,2-Dichlorobenzene	4.2	5.0	ug/kg wet	5.000		85	70-130			J
1,3-Dichlorobenzene	4.3	5.0	ug/kg wet	5.000		86	70-130			J
1,4-Dichlorobenzene	4.4	5.0	ug/kg wet	5.000		87	70-130			J
Dichlorodifluoromethane	4.4	5.0	ug/kg wet	5.000		89	60-150			J
1,1-Dichloroethane	3.9	5.0	ug/kg wet	5.000		77	70-130			J
1,2-Dichloroethane	3.3	5.0	ug/kg wet	5.000		65	70-130			S-98, J
1,1-Dichloroethene	3.8	5.0	ug/kg wet	5.000		76	70-130			J
cis-1,2-Dichloroethene	3.9	5.0	ug/kg wet	5.000		78	70-130			J

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
LCS (BIJ0184-BS1)				Prepared & Analyzed: 10/08/25						
trans-1,2-Dichloroethene	4.1	5.0	ug/kg wet	5.000		83	70-130			J
Dichlorofluoromethane	4.0	5.0	ug/kg wet	5.000		80	70-130			J
1,2-Dichloropropane	3.6	5.0	ug/kg wet	5.000		73	70-130			J
1,3-Dichloropropane	3.6	5.0	ug/kg wet	5.000		73	70-130			J
2,2-Dichloropropane	4.2	5.0	ug/kg wet	5.000		84	70-130			J
1,1-Dichloropropene	3.9	5.0	ug/kg wet	5.000		77	70-130			J
cis-1,3-Dichloropropene	3.7	5.0	ug/kg wet	5.000		74	70-130			J
trans-1,3-Dichloropropene	3.8	5.0	ug/kg wet	5.000		76	70-130			J
Diisopropyl ether (DIPE)	3.6	5.0	ug/kg wet	5.000		71	70-130			J
Ethyl tert-butyl ether (ETBE)	3.3	5.0	ug/kg wet	5.000		66	70-130			S-98, J
Ethylbenzene	4.1	5.0	ug/kg wet	5.000		83	70-130			J
Hexachlorobutadiene	4.7	5.0	ug/kg wet	5.000		95	70-130			J
2-Hexanone	7.7	10.0	ug/kg wet	10.00		77	50-110			J
Isopropylbenzene (Cumene)	4.1	5.0	ug/kg wet	5.000		82	70-130			J
4-Isopropyltoluene	4.4	5.0	ug/kg wet	5.000		88	70-130			J
Methyl tert-butyl ether (MTBE)	3.2	5.0	ug/kg wet	5.000		63	70-130			S-98, J
4-Methyl-2-pentanone	8.4	10.0	ug/kg wet	10.00		84	60-110			J
Methylene chloride	ND	20.0	ug/kg wet	5.000			25-150			
Naphthalene	4.0	5.0	ug/kg wet	5.000		80	70-130			J
n-Propylbenzene	4.2	5.0	ug/kg wet	5.000		83	70-130			J
Styrene	4.0	5.0	ug/kg wet	5.000		79	70-130			J
1,1,1,2-Tetrachloroethane	3.9	5.0	ug/kg wet	5.000		77	70-130			J
1,1,2,2-Tetrachloroethane	3.7	5.0	ug/kg wet	5.000		75	70-130			J
Tetrachloroethene	4.1	5.0	ug/kg wet	5.000		82	70-130			J
Toluene	4.2	5.0	ug/kg wet	5.000		84	70-130			J
1,2,3-Trichlorobenzene	4.4	5.0	ug/kg wet	5.000		87	70-130			J
1,2,4-Trichlorobenzene	4.7	5.0	ug/kg wet	5.000		94	70-130			J
1,1,1-Trichloroethane	3.9	5.0	ug/kg wet	5.000		79	70-130			J
1,1,2-Trichloroethane	3.7	5.0	ug/kg wet	5.000		74	70-130			J
Trichloroethene	3.7	5.0	ug/kg wet	5.000		74	70-130			J
Trichlorofluoromethane (Freon 11)	3.8	5.0	ug/kg wet	5.000		76	70-130			J
1,2,3-Trichloropropane	3.7	5.0	ug/kg wet	5.000		74	70-130			J
1,2,4-Trimethylbenzene	4.0	5.0	ug/kg wet	5.000		81	70-130			J
1,3,5-Trimethylbenzene	4.2	5.0	ug/kg wet	5.000		83	70-130			J
Vinyl chloride	4.0	5.0	ug/kg wet	5.000		81	60-150			J
o-Xylene	4.2	5.0	ug/kg wet	5.000		84	70-130			J
m- & p-Xylenes	7.9	5.0	ug/kg wet	10.00		79	70-130			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
LCS (BIJ0184-BS1)				Prepared & Analyzed: 10/08/25						
Surrogate: 1,2-Dichloroethane-d4	*48.4*		ug/L	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*50.4*		ug/L	*50.00*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*48.3*		ug/L	*50.00*		*97*	*65-120*			
Duplicate (BIJ0184-DUP1)		**Source: 5100724-56**		Prepared & Analyzed: 10/08/25						
Acetone	ND	10.9	ug/kg dry		ND				20	
tert-Amyl alcohol (TAA)	ND	54.5	ug/kg dry		ND				20	
tert-Amyl methyl ether (TAME)	ND	5.5	ug/kg dry		ND				20	
Benzene	ND	5.5	ug/kg dry		ND				20	
Bromobenzene	ND	5.5	ug/kg dry		ND				20	
Bromochloromethane	ND	5.5	ug/kg dry		ND				20	
Bromodichloromethane	ND	5.5	ug/kg dry		ND				20	
Bromoform	ND	5.5	ug/kg dry		ND				20	
Bromomethane	ND	5.5	ug/kg dry		ND				20	
tert-Butanol (TBA)	ND	54.5	ug/kg dry		ND				20	
2-Butanone (MEK)	ND	10.9	ug/kg dry		ND				20	
n-Butylbenzene	ND	5.5	ug/kg dry		ND				20	
sec-Butylbenzene	ND	5.5	ug/kg dry		ND				20	
tert-Butylbenzene	ND	5.5	ug/kg dry		ND				20	
Carbon disulfide	ND	5.5	ug/kg dry		ND				20	
Carbon tetrachloride	ND	5.5	ug/kg dry		ND				20	
Chlorobenzene	ND	5.5	ug/kg dry		ND				20	
Chloroethane	ND	5.5	ug/kg dry		ND				20	
Chloroform	ND	5.5	ug/kg dry		ND				20	
Chloromethane	ND	5.5	ug/kg dry		ND				20	
2-Chlorotoluene	ND	5.5	ug/kg dry		ND				20	
4-Chlorotoluene	ND	5.5	ug/kg dry		ND				20	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/kg dry		ND				20	
Dibromochloromethane	ND	5.5	ug/kg dry		ND				20	
1,2-Dibromoethane (EDB)	ND	5.5	ug/kg dry		ND				20	
Dibromomethane	ND	5.5	ug/kg dry		ND				20	
1,2-Dichlorobenzene	ND	5.5	ug/kg dry		ND				20	
1,3-Dichlorobenzene	ND	5.5	ug/kg dry		ND				20	
1,4-Dichlorobenzene	ND	5.5	ug/kg dry		ND				20	
Dichlorodifluoromethane	ND	5.5	ug/kg dry		ND				20	
1,1-Dichloroethane	ND	5.5	ug/kg dry		ND				20	
1,2-Dichloroethane	ND	5.5	ug/kg dry		ND				20	

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Duplicate (BIJ0184-DUP1)		**Source: 5100724-56**		Prepared & Analyzed: 10/08/25						
1,1-Dichloroethene	ND	5.5	ug/kg dry		ND				20	
cis-1,2-Dichloroethene	ND	5.5	ug/kg dry		ND				20	
trans-1,2-Dichloroethene	ND	5.5	ug/kg dry		ND				20	
Dichlorofluoromethane	ND	5.5	ug/kg dry		ND				20	
1,2-Dichloropropane	ND	5.5	ug/kg dry		ND				20	
1,3-Dichloropropane	ND	5.5	ug/kg dry		ND				20	
2,2-Dichloropropane	ND	5.5	ug/kg dry		ND				20	
1,1-Dichloropropene	ND	5.5	ug/kg dry		ND				20	
cis-1,3-Dichloropropene	ND	5.5	ug/kg dry		ND				20	
trans-1,3-Dichloropropene	ND	5.5	ug/kg dry		ND				20	
Diisopropyl ether (DIPE)	ND	5.5	ug/kg dry		ND				20	
Ethyl tert-butyl ether (ETBE)	ND	5.5	ug/kg dry		ND				20	
Ethylbenzene	ND	5.5	ug/kg dry		ND				20	
Hexachlorobutadiene	ND	5.5	ug/kg dry		ND				20	
2-Hexanone	ND	10.9	ug/kg dry		ND				20	
Isopropylbenzene (Cumene)	ND	5.5	ug/kg dry		ND				20	
4-Isopropyltoluene	ND	5.5	ug/kg dry		ND				20	
Methyl tert-butyl ether (MTBE)	ND	5.5	ug/kg dry		ND				20	
4-Methyl-2-pentanone	ND	10.9	ug/kg dry		ND				20	
Methylene chloride	27.8	21.8	ug/kg dry		28.2			2	20	L
Naphthalene	ND	5.5	ug/kg dry		ND				20	
n-Propylbenzene	ND	5.5	ug/kg dry		ND				20	
Styrene	ND	5.5	ug/kg dry		ND				20	
1,1,1,2-Tetrachloroethane	ND	5.5	ug/kg dry		ND				20	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg dry		ND				20	
Tetrachloroethene	ND	5.5	ug/kg dry		ND				20	
Toluene	ND	5.5	ug/kg dry		ND				20	
1,2,3-Trichlorobenzene	ND	5.5	ug/kg dry		ND				20	
1,2,4-Trichlorobenzene	ND	5.5	ug/kg dry		ND				20	
1,1,1-Trichloroethane	ND	5.5	ug/kg dry		ND				20	
1,1,2-Trichloroethane	ND	5.5	ug/kg dry		ND				20	
Trichloroethene	ND	5.5	ug/kg dry		ND				20	
Trichlorofluoromethane (Freon 11)	ND	5.5	ug/kg dry		ND				20	
1,2,3-Trichloropropane	ND	5.5	ug/kg dry		ND				20	
1,2,4-Trimethylbenzene	ND	5.5	ug/kg dry		ND				20	
1,3,5-Trimethylbenzene	ND	5.5	ug/kg dry		ND				20	
Vinyl chloride	ND	5.5	ug/kg dry		ND				20	

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Duplicate (BIJ0184-DUP1)		**Source: 5100724-56**		Prepared & Analyzed: 10/08/25						
o-Xylene	ND	5.5	ug/kg dry		ND				20	
m- & p-Xylenes	ND	5.5	ug/kg dry		ND				20	
Tentatively Identified Compounds (TICs)	0.0		ug/kg dry		0.0				200	
Surrogate: 1,2-Dichloroethane-d4	*54.4*		ug/L	*50.00*		*109*	*70-130*			
Surrogate: Toluene-d8	*48.6*		ug/L	*50.00*		*97*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*45.8*		ug/L	*50.00*		*92*	*65-120*			
Matrix Spike (BIJ0184-MS1)		**Source: 5100724-56**		Prepared & Analyzed: 10/08/25						
Acetone	35.8	10.9	ug/kg dry	43.64	ND	82	25-150			
tert-Amyl alcohol (TAA)	82.9	54.5	ug/kg dry	109.1	ND	76	25-150			
tert-Amyl methyl ether (TAME)	15.3	5.5	ug/kg dry	21.82	ND	70	60-140			
Benzene	17.9	5.5	ug/kg dry	21.82	ND	82	60-140			
Bromobenzene	18.7	5.5	ug/kg dry	21.82	ND	86	60-140			
Bromochloromethane	18.0	5.5	ug/kg dry	21.82	ND	82	60-140			
Bromodichloromethane	17.2	5.5	ug/kg dry	21.82	ND	79	60-140			
Bromoform	18.0	5.5	ug/kg dry	21.82	ND	82	60-140			
Bromomethane	14.1	5.5	ug/kg dry	21.82	ND	65	25-150			
tert-Butanol (TBA)	70.2	54.5	ug/kg dry	109.1	ND	64	25-150			
2-Butanone (MEK)	33.0	10.9	ug/kg dry	43.64	ND	76	25-150			
n-Butylbenzene	20.9	5.5	ug/kg dry	21.82	ND	96	60-140			
sec-Butylbenzene	19.2	5.5	ug/kg dry	21.82	ND	88	60-140			
tert-Butylbenzene	18.9	5.5	ug/kg dry	21.82	ND	87	60-140			
Carbon disulfide	18.2	5.5	ug/kg dry	21.82	ND	84	60-140			
Carbon tetrachloride	14.7	5.5	ug/kg dry	21.82	ND	67	60-140			
Chlorobenzene	18.6	5.5	ug/kg dry	21.82	ND	85	60-140			
Chloroethane	13.9	5.5	ug/kg dry	21.82	ND	64	25-150			
Chloroform	17.6	5.5	ug/kg dry	21.82	ND	81	60-140			
Chloromethane	18.4	5.5	ug/kg dry	21.82	ND	84	25-150			
2-Chlorotoluene	18.9	5.5	ug/kg dry	21.82	ND	87	60-140			
4-Chlorotoluene	19.8	5.5	ug/kg dry	21.82	ND	91	60-140			
1,2-Dibromo-3-chloropropane	17.0	5.5	ug/kg dry	21.82	ND	78	60-140			
Dibromochloromethane	19.2	5.5	ug/kg dry	21.82	ND	88	60-140			
1,2-Dibromoethane (EDB)	18.8	5.5	ug/kg dry	21.82	ND	86	60-140			
Dibromomethane	18.2	5.5	ug/kg dry	21.82	ND	83	60-140			
1,2-Dichlorobenzene	19.9	5.5	ug/kg dry	21.82	ND	91	60-140			
1,3-Dichlorobenzene	20.4	5.5	ug/kg dry	21.82	ND	94	60-140			
1,4-Dichlorobenzene	20.5	5.5	ug/kg dry	21.82	ND	94	60-140			

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Matrix Spike (BIJ0184-MS1)		**Source: 5100724-56**		Prepared & Analyzed: 10/08/25						
Dichlorodifluoromethane	19.3	5.5	ug/kg dry	21.82	ND	89	25-150			
1,1-Dichloroethane	17.7	5.5	ug/kg dry	21.82	ND	81	60-140			
1,2-Dichloroethane	18.8	5.5	ug/kg dry	21.82	ND	86	60-140			
1,1-Dichloroethene	17.5	5.5	ug/kg dry	21.82	ND	80	60-140			
cis-1,2-Dichloroethene	17.6	5.5	ug/kg dry	21.82	ND	81	60-140			
trans-1,2-Dichloroethene	18.4	5.5	ug/kg dry	21.82	ND	84	60-140			
Dichlorofluoromethane	18.2	5.5	ug/kg dry	21.82	ND	84	60-140			
1,2-Dichloropropane	17.7	5.5	ug/kg dry	21.82	ND	81	60-140			
1,3-Dichloropropane	18.8	5.5	ug/kg dry	21.82	ND	86	60-140			
2,2-Dichloropropane	18.8	5.5	ug/kg dry	21.82	ND	86	60-140			
1,1-Dichloropropene	18.0	5.5	ug/kg dry	21.82	ND	82	60-140			
cis-1,3-Dichloropropene	17.4	5.5	ug/kg dry	21.82	ND	80	60-140			
trans-1,3-Dichloropropene	17.8	5.5	ug/kg dry	21.82	ND	82	60-140			
Diisopropyl ether (DIPE)	16.0	5.5	ug/kg dry	21.82	ND	73	60-140			
Ethyl tert-butyl ether (ETBE)	15.5	5.5	ug/kg dry	21.82	ND	71	60-140			
Ethylbenzene	18.2	5.5	ug/kg dry	21.82	ND	83	60-140			
Hexachlorobutadiene	21.3	5.5	ug/kg dry	21.82	ND	98	60-140			
2-Hexanone	37.3	10.9	ug/kg dry	43.64	ND	85	25-150			
Isopropylbenzene (Cumene)	18.0	5.5	ug/kg dry	21.82	ND	83	60-140			
4-Isopropyltoluene	19.3	5.5	ug/kg dry	21.82	ND	89	60-140			
Methyl tert-butyl ether (MTBE)	16.2	5.5	ug/kg dry	21.82	ND	74	60-140			
4-Methyl-2-pentanone	38.1	10.9	ug/kg dry	43.64	ND	87	25-150			
Methylene chloride	40.9	21.8	ug/kg dry	21.82	28.2	58	25-150			
Naphthalene	15.7	5.5	ug/kg dry	21.82	ND	72	60-140			
n-Propylbenzene	19.1	5.5	ug/kg dry	21.82	ND	88	60-140			
Styrene	17.2	5.5	ug/kg dry	21.82	ND	79	60-140			
1,1,1,2-Tetrachloroethane	18.2	5.5	ug/kg dry	21.82	ND	83	60-140			
1,1,2,2-Tetrachloroethane	19.2	5.5	ug/kg dry	21.82	ND	88	60-140			
Tetrachloroethene	16.5	5.5	ug/kg dry	21.82	ND	76	60-140			
Toluene	17.9	5.5	ug/kg dry	21.82	ND	82	60-140			
1,2,3-Trichlorobenzene	18.8	5.5	ug/kg dry	21.82	ND	86	60-140			
1,2,4-Trichlorobenzene	20.3	5.5	ug/kg dry	21.82	ND	93	60-140			
1,1,1-Trichloroethane	17.5	5.5	ug/kg dry	21.82	ND	80	60-140			
1,1,2-Trichloroethane	19.2	5.5	ug/kg dry	21.82	ND	88	60-140			
Trichloroethene	17.3	5.5	ug/kg dry	21.82	ND	79	60-140			
Trichlorofluoromethane (Freon 11)	17.8	5.5	ug/kg dry	21.82	ND	81	60-140			
1,2,3-Trichloropropane	18.9	5.5	ug/kg dry	21.82	ND	87	60-140			

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0184 - 5030-GCMS										
Matrix Spike (BIJ0184-MS1)		**Source: 5100724-56**		Prepared & Analyzed: 10/08/25						
1,2,4-Trimethylbenzene	18.0	5.5	ug/kg dry	21.82	ND	83	60-140			
1,3,5-Trimethylbenzene	18.3	5.5	ug/kg dry	21.82	ND	84	60-140			
Vinyl chloride	16.8	5.5	ug/kg dry	21.82	ND	77	25-150			
o-Xylene	17.6	5.5	ug/kg dry	21.82	ND	81	60-140			
m- & p-Xylenes	36.6	5.5	ug/kg dry	43.64	ND	84	60-140			
Surrogate: 1,2-Dichloroethane-d4	*47.3*		ug/L	*50.00*		*95*	*70-130*			
Surrogate: Toluene-d8	*49.9*		ug/L	*50.00*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*49.8*		ug/L	*50.00*		*100*	*65-120*			
Batch BIJ0193 - 5030-GCMS										
Blank (BIJ0193-BLK1)				Prepared & Analyzed: 10/08/25						
Acetone	ND	10.0	ug/kg wet							
tert-Amyl alcohol (TAA)	ND	50.0	ug/kg wet							
tert-Amyl methyl ether (TAME)	ND	5.0	ug/kg wet							
Benzene	ND	5.0	ug/kg wet							
Bromobenzene	ND	5.0	ug/kg wet							
Bromochloromethane	ND	5.0	ug/kg wet							
Bromodichloromethane	ND	5.0	ug/kg wet							
Bromoform	ND	5.0	ug/kg wet							
Bromomethane	ND	5.0	ug/kg wet							
tert-Butanol (TBA)	ND	50.0	ug/kg wet							
2-Butanone (MEK)	ND	10.0	ug/kg wet							
n-Butylbenzene	ND	5.0	ug/kg wet							
sec-Butylbenzene	ND	5.0	ug/kg wet							
tert-Butylbenzene	ND	5.0	ug/kg wet							
Carbon disulfide	ND	5.0	ug/kg wet							
Carbon tetrachloride	ND	5.0	ug/kg wet							
Chlorobenzene	ND	5.0	ug/kg wet							
Chloroethane	ND	5.0	ug/kg wet							
Chloroform	ND	5.0	ug/kg wet							
Chloromethane	ND	5.0	ug/kg wet							
2-Chlorotoluene	ND	5.0	ug/kg wet							
4-Chlorotoluene	ND	5.0	ug/kg wet							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg wet							
Dibromochloromethane	ND	5.0	ug/kg wet							
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg wet							
Dibromomethane	ND	5.0	ug/kg wet							

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
Blank (BIJ0193-BLK1)				Prepared & Analyzed: 10/08/25						
1,2-Dichlorobenzene	ND	5.0	ug/kg wet							
1,3-Dichlorobenzene	ND	5.0	ug/kg wet							
1,4-Dichlorobenzene	ND	5.0	ug/kg wet							
Dichlorodifluoromethane	ND	5.0	ug/kg wet							
1,1-Dichloroethane	ND	5.0	ug/kg wet							
1,2-Dichloroethane	ND	5.0	ug/kg wet							
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Dichlorofluoromethane	ND	5.0	ug/kg wet							
1,2-Dichloropropane	ND	5.0	ug/kg wet							
1,3-Dichloropropane	ND	5.0	ug/kg wet							
2,2-Dichloropropane	ND	5.0	ug/kg wet							
1,1-Dichloropropene	ND	5.0	ug/kg wet							
cis-1,3-Dichloropropene	ND	5.0	ug/kg wet							
trans-1,3-Dichloropropene	ND	5.0	ug/kg wet							
Diisopropyl ether (DIPE)	ND	5.0	ug/kg wet							
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/kg wet							
Ethylbenzene	ND	5.0	ug/kg wet							
Hexachlorobutadiene	ND	5.0	ug/kg wet							
2-Hexanone	ND	10.0	ug/kg wet							
Isopropylbenzene (Cumene)	ND	5.0	ug/kg wet							
4-Isopropyltoluene	ND	5.0	ug/kg wet							
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg wet							
4-Methyl-2-pentanone	ND	10.0	ug/kg wet							
Methylene chloride	ND	20.0	ug/kg wet							
Naphthalene	ND	5.0	ug/kg wet							
n-Propylbenzene	ND	5.0	ug/kg wet							
Styrene	ND	5.0	ug/kg wet							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet							
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Toluene	ND	5.0	ug/kg wet							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg wet							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg wet							
1,1,1-Trichloroethane	ND	5.0	ug/kg wet							
1,1,2-Trichloroethane	ND	5.0	ug/kg wet							

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
Blank (BIJ0193-BLK1)				Prepared & Analyzed: 10/08/25						
Trichloroethene	ND	5.0	ug/kg wet							
Trichlorofluoromethane (Freon 11)	ND	5.0	ug/kg wet							
1,2,3-Trichloropropane	ND	5.0	ug/kg wet							
1,2,4-Trimethylbenzene	ND	5.0	ug/kg wet							
1,3,5-Trimethylbenzene	ND	5.0	ug/kg wet							
Vinyl chloride	ND	5.0	ug/kg wet							
o-Xylene	ND	5.0	ug/kg wet							
m- & p-Xylenes	ND	5.0	ug/kg wet							
Tentatively Identified Compounds (TICs)	0.0		ug/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*46.7*		ug/L	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*50.0*		ug/L	*50.00*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*49.9*		ug/L	*50.00*		*100*	*65-120*			
LCS (BIJ0193-BS1)				Prepared & Analyzed: 10/08/25						
Acetone	6.7	10.0	ug/kg wet	10.00		67	30-150			J
tert-Amyl alcohol (TAA)	21.3	50.0	ug/kg wet	25.00		85	30-110			J
tert-Amyl methyl ether (TAME)	4.2	5.0	ug/kg wet	5.000		84	70-130			J
Benzene	4.8	5.0	ug/kg wet	5.000		96	70-130			J
Bromobenzene	4.7	5.0	ug/kg wet	5.000		93	70-130			J
Bromochloromethane	4.6	5.0	ug/kg wet	5.000		93	70-130			J
Bromodichloromethane	4.5	5.0	ug/kg wet	5.000		90	70-130			J
Bromoform	4.5	5.0	ug/kg wet	5.000		90	70-130			J
Bromomethane	6.6	5.0	ug/kg wet	5.000		132	25-150			
tert-Butanol (TBA)	16.7	50.0	ug/kg wet	25.00		67	50-130			J
2-Butanone (MEK)	9.3	10.0	ug/kg wet	10.00		93	25-150			J
n-Butylbenzene	5.0	5.0	ug/kg wet	5.000		100	70-130			J
sec-Butylbenzene	4.9	5.0	ug/kg wet	5.000		98	70-130			J
tert-Butylbenzene	4.9	5.0	ug/kg wet	5.000		97	70-130			J
Carbon disulfide	4.8	5.0	ug/kg wet	5.000		95	70-130			J
Carbon tetrachloride	5.7	5.0	ug/kg wet	5.000		113	70-130			
Chlorobenzene	4.6	5.0	ug/kg wet	5.000		91	70-130			J
Chloroethane	3.7	5.0	ug/kg wet	5.000		73	40-160			J
Chloroform	4.7	5.0	ug/kg wet	5.000		95	70-130			J
Chloromethane	4.9	5.0	ug/kg wet	5.000		98	60-150			J
2-Chlorotoluene	4.4	5.0	ug/kg wet	5.000		88	70-130			J
4-Chlorotoluene	4.9	5.0	ug/kg wet	5.000		98	70-130			J
1,2-Dibromo-3-chloropropane	4.7	5.0	ug/kg wet	5.000		93	70-130			J

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
LCS (BIJ0193-BS1)				Prepared & Analyzed: 10/08/25						
Dibromochloromethane	4.7	5.0	ug/kg wet	5.000		94	70-130			J
1,2-Dibromoethane (EDB)	4.4	5.0	ug/kg wet	5.000		89	70-130			J
Dibromomethane	4.5	5.0	ug/kg wet	5.000		89	70-130			J
1,2-Dichlorobenzene	4.8	5.0	ug/kg wet	5.000		97	70-130			J
1,3-Dichlorobenzene	4.8	5.0	ug/kg wet	5.000		96	70-130			J
1,4-Dichlorobenzene	5.4	5.0	ug/kg wet	5.000		108	70-130			
Dichlorodifluoromethane	5.0	5.0	ug/kg wet	5.000		101	60-150			
1,1-Dichloroethane	4.6	5.0	ug/kg wet	5.000		91	70-130			J
1,2-Dichloroethane	4.5	5.0	ug/kg wet	5.000		90	70-130			J
1,1-Dichloroethene	5.1	5.0	ug/kg wet	5.000		101	70-130			
cis-1,2-Dichloroethene	4.5	5.0	ug/kg wet	5.000		90	70-130			J
trans-1,2-Dichloroethene	4.5	5.0	ug/kg wet	5.000		91	70-130			J
Dichlorofluoromethane	5.0	5.0	ug/kg wet	5.000		99	70-130			J
1,2-Dichloropropane	4.6	5.0	ug/kg wet	5.000		92	70-130			J
1,3-Dichloropropane	4.5	5.0	ug/kg wet	5.000		90	70-130			J
2,2-Dichloropropane	4.8	5.0	ug/kg wet	5.000		97	70-130			J
1,1-Dichloropropene	4.7	5.0	ug/kg wet	5.000		94	70-130			J
cis-1,3-Dichloropropene	4.6	5.0	ug/kg wet	5.000		92	70-130			J
trans-1,3-Dichloropropene	4.5	5.0	ug/kg wet	5.000		91	70-130			J
Diisopropyl ether (DIPE)	4.1	5.0	ug/kg wet	5.000		83	70-130			J
Ethyl tert-butyl ether (ETBE)	4.1	5.0	ug/kg wet	5.000		83	70-130			J
Ethylbenzene	4.5	5.0	ug/kg wet	5.000		89	70-130			J
Hexachlorobutadiene	5.7	5.0	ug/kg wet	5.000		114	70-130			
2-Hexanone	7.5	10.0	ug/kg wet	10.00		75	50-110			J
Isopropylbenzene (Cumene)	4.8	5.0	ug/kg wet	5.000		96	70-130			J
4-Isopropyltoluene	5.1	5.0	ug/kg wet	5.000		102	70-130			
Methyl tert-butyl ether (MTBE)	4.2	5.0	ug/kg wet	5.000		84	70-130			J
4-Methyl-2-pentanone	7.9	10.0	ug/kg wet	10.00		79	60-110			J
Methylene chloride	ND	20.0	ug/kg wet	5.000			25-150			
Naphthalene	4.9	5.0	ug/kg wet	5.000		97	70-130			J
n-Propylbenzene	4.8	5.0	ug/kg wet	5.000		95	70-130			J
Styrene	4.4	5.0	ug/kg wet	5.000		89	70-130			J
1,1,1,2-Tetrachloroethane	4.6	5.0	ug/kg wet	5.000		92	70-130			J
1,1,2,2-Tetrachloroethane	4.2	5.0	ug/kg wet	5.000		84	70-130			J
Tetrachloroethene	4.6	5.0	ug/kg wet	5.000		92	70-130			J
Toluene	4.7	5.0	ug/kg wet	5.000		95	70-130			J
1,2,3-Trichlorobenzene	5.2	5.0	ug/kg wet	5.000		105	70-130			

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
LCS (BIJ0193-BS1)				Prepared & Analyzed: 10/08/25						
1,2,4-Trichlorobenzene	5.1	5.0	ug/kg wet	5.000		101	70-130			
1,1,1-Trichloroethane	4.6	5.0	ug/kg wet	5.000		91	70-130			J
1,1,2-Trichloroethane	4.5	5.0	ug/kg wet	5.000		90	70-130			J
Trichloroethene	4.6	5.0	ug/kg wet	5.000		93	70-130			J
Trichlorofluoromethane (Freon 11)	5.0	5.0	ug/kg wet	5.000		101	70-130			
1,2,3-Trichloropropane	4.6	5.0	ug/kg wet	5.000		93	70-130			J
1,2,4-Trimethylbenzene	4.9	5.0	ug/kg wet	5.000		98	70-130			J
1,3,5-Trimethylbenzene	4.9	5.0	ug/kg wet	5.000		98	70-130			J
Vinyl chloride	5.0	5.0	ug/kg wet	5.000		100	60-150			J
o-Xylene	4.7	5.0	ug/kg wet	5.000		95	70-130			J
m- & p-Xylenes	9.6	5.0	ug/kg wet	10.00		96	70-130			
Surrogate: 1,2-Dichloroethane-d4	*47.9*		ug/L	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*49.9*		ug/L	*50.00*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*50.0*		ug/L	*50.00*		*100*	*65-120*			
Duplicate (BIJ0193-DUP1)		**Source: 5100724-40**		Prepared & Analyzed: 10/08/25						
Acetone	ND	11.1	ug/kg dry		ND				20	
tert-Amyl alcohol (TAA)	ND	55.6	ug/kg dry		ND				20	
tert-Amyl methyl ether (TAME)	ND	5.6	ug/kg dry		ND				20	
Benzene	ND	5.6	ug/kg dry		ND				20	
Bromobenzene	ND	5.6	ug/kg dry		ND				20	
Bromochloromethane	ND	5.6	ug/kg dry		ND				20	
Bromodichloromethane	ND	5.6	ug/kg dry		ND				20	
Bromoform	ND	5.6	ug/kg dry		ND				20	
Bromomethane	ND	5.6	ug/kg dry		ND				20	
tert-Butanol (TBA)	ND	55.6	ug/kg dry		ND				20	
2-Butanone (MEK)	ND	11.1	ug/kg dry		ND				20	
n-Butylbenzene	ND	5.6	ug/kg dry		ND				20	
sec-Butylbenzene	ND	5.6	ug/kg dry		ND				20	
tert-Butylbenzene	ND	5.6	ug/kg dry		ND				20	
Carbon disulfide	ND	5.6	ug/kg dry		ND				20	
Carbon tetrachloride	ND	5.6	ug/kg dry		ND				20	
Chlorobenzene	ND	5.6	ug/kg dry		ND				20	
Chloroethane	ND	5.6	ug/kg dry		ND				20	
Chloroform	ND	5.6	ug/kg dry		ND				20	
Chloromethane	ND	5.6	ug/kg dry		ND				20	
2-Chlorotoluene	ND	5.6	ug/kg dry		ND				20	

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
Duplicate (BIJ0193-DUP1)		**Source: 5100724-40**		Prepared & Analyzed: 10/08/25						
4-Chlorotoluene	ND	5.6	ug/kg dry		ND				20	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/kg dry		ND				20	
Dibromochloromethane	ND	5.6	ug/kg dry		ND				20	
1,2-Dibromoethane (EDB)	ND	5.6	ug/kg dry		ND				20	
Dibromomethane	ND	5.6	ug/kg dry		ND				20	
1,2-Dichlorobenzene	ND	5.6	ug/kg dry		ND				20	
1,3-Dichlorobenzene	ND	5.6	ug/kg dry		ND				20	
1,4-Dichlorobenzene	ND	5.6	ug/kg dry		ND				20	
Dichlorodifluoromethane	ND	5.6	ug/kg dry		ND				20	
1,1-Dichloroethane	ND	5.6	ug/kg dry		ND				20	
1,2-Dichloroethane	ND	5.6	ug/kg dry		ND				20	
1,1-Dichloroethene	ND	5.6	ug/kg dry		ND				20	
cis-1,2-Dichloroethene	ND	5.6	ug/kg dry		ND				20	
trans-1,2-Dichloroethene	ND	5.6	ug/kg dry		ND				20	
Dichlorofluoromethane	ND	5.6	ug/kg dry		ND				20	
1,2-Dichloropropane	ND	5.6	ug/kg dry		ND				20	
1,3-Dichloropropane	ND	5.6	ug/kg dry		ND				20	
2,2-Dichloropropane	ND	5.6	ug/kg dry		ND				20	
1,1-Dichloropropene	ND	5.6	ug/kg dry		ND				20	
cis-1,3-Dichloropropene	ND	5.6	ug/kg dry		ND				20	
trans-1,3-Dichloropropene	ND	5.6	ug/kg dry		ND				20	
Diisopropyl ether (DIPE)	ND	5.6	ug/kg dry		ND				20	
Ethyl tert-butyl ether (ETBE)	ND	5.6	ug/kg dry		ND				20	
Ethylbenzene	ND	5.6	ug/kg dry		ND				20	
Hexachlorobutadiene	ND	5.6	ug/kg dry		ND				20	
2-Hexanone	ND	11.1	ug/kg dry		ND				20	
Isopropylbenzene (Cumene)	ND	5.6	ug/kg dry		ND				20	
4-Isopropyltoluene	ND	5.6	ug/kg dry		ND				20	
Methyl tert-butyl ether (MTBE)	ND	5.6	ug/kg dry		ND				20	
4-Methyl-2-pentanone	ND	11.1	ug/kg dry		ND				20	
Methylene chloride	ND	22.2	ug/kg dry		ND				20	
Naphthalene	ND	5.6	ug/kg dry		ND				20	
n-Propylbenzene	ND	5.6	ug/kg dry		ND				20	
Styrene	ND	5.6	ug/kg dry		ND				20	
1,1,1,2-Tetrachloroethane	ND	5.6	ug/kg dry		ND				20	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg dry		ND				20	
Tetrachloroethene	ND	5.6	ug/kg dry		ND				20	

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
Duplicate (BIJ0193-DUP1)		**Source: 5100724-40**		Prepared & Analyzed: 10/08/25						
Toluene	ND	5.6	ug/kg dry		ND				20	
1,2,3-Trichlorobenzene	ND	5.6	ug/kg dry		ND				20	
1,2,4-Trichlorobenzene	ND	5.6	ug/kg dry		ND				20	
1,1,1-Trichloroethane	ND	5.6	ug/kg dry		ND				20	
1,1,2-Trichloroethane	ND	5.6	ug/kg dry		ND				20	
Trichloroethene	ND	5.6	ug/kg dry		ND				20	
Trichlorofluoromethane (Freon 11)	ND	5.6	ug/kg dry		ND				20	
1,2,3-Trichloropropane	ND	5.6	ug/kg dry		ND				20	
1,2,4-Trimethylbenzene	ND	5.6	ug/kg dry		ND				20	
1,3,5-Trimethylbenzene	ND	5.6	ug/kg dry		ND				20	
Vinyl chloride	ND	5.6	ug/kg dry		ND				20	
o-Xylene	ND	5.6	ug/kg dry		ND				20	
m- & p-Xylenes	ND	5.6	ug/kg dry		ND				20	
Tentatively Identified Compounds (TICs)	0.0		ug/kg dry		0.0				200	
Surrogate: 1,2-Dichloroethane-d4	*47.9*		ug/L	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*50.5*		ug/L	*50.00*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*48.9*		ug/L	*50.00*		*98*	*65-120*			
Matrix Spike (BIJ0193-MS1)		**Source: 5100724-40**		Prepared & Analyzed: 10/08/25						
Acetone	41.3	11.1	ug/kg dry	44.49	ND	93	25-150			
tert-Amyl alcohol (TAA)	84.3	55.6	ug/kg dry	111.2	ND	76	25-150			
tert-Amyl methyl ether (TAME)	18.4	5.6	ug/kg dry	22.25	ND	83	60-140			
Benzene	20.6	5.6	ug/kg dry	22.25	ND	92	60-140			
Bromobenzene	21.1	5.6	ug/kg dry	22.25	ND	95	60-140			
Bromochloromethane	21.0	5.6	ug/kg dry	22.25	ND	95	60-140			
Bromodichloromethane	19.3	5.6	ug/kg dry	22.25	ND	87	60-140			
Bromoform	18.1	5.6	ug/kg dry	22.25	ND	81	60-140			
Bromomethane	21.4	5.6	ug/kg dry	22.25	ND	96	25-150			
tert-Butanol (TBA)	62.3	55.6	ug/kg dry	111.2	ND	56	25-150			
2-Butanone (MEK)	31.7	11.1	ug/kg dry	44.49	ND	71	25-150			
n-Butylbenzene	22.4	5.6	ug/kg dry	22.25	ND	101	60-140			
sec-Butylbenzene	22.3	5.6	ug/kg dry	22.25	ND	100	60-140			
tert-Butylbenzene	22.7	5.6	ug/kg dry	22.25	ND	102	60-140			
Carbon disulfide	21.7	5.6	ug/kg dry	22.25	ND	97	60-140			
Carbon tetrachloride	20.1	5.6	ug/kg dry	22.25	ND	90	60-140			
Chlorobenzene	20.8	5.6	ug/kg dry	22.25	ND	93	60-140			
Chloroethane	17.3	5.6	ug/kg dry	22.25	ND	78	25-150			

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
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410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
Matrix Spike (BIJ0193-MS1)		**Source: 5100724-40**		Prepared & Analyzed: 10/08/25						
Chloroform	19.9	5.6	ug/kg dry	22.25	ND	89	60-140			
Chloromethane	22.5	5.6	ug/kg dry	22.25	ND	101	25-150			
2-Chlorotoluene	20.9	5.6	ug/kg dry	22.25	ND	94	60-140			
4-Chlorotoluene	21.0	5.6	ug/kg dry	22.25	ND	95	60-140			
1,2-Dibromo-3-chloropropane	16.5	5.6	ug/kg dry	22.25	ND	74	60-140			
Dibromochloromethane	19.6	5.6	ug/kg dry	22.25	ND	88	60-140			
1,2-Dibromoethane (EDB)	19.9	5.6	ug/kg dry	22.25	ND	90	60-140			
Dibromomethane	20.2	5.6	ug/kg dry	22.25	ND	91	60-140			
1,2-Dichlorobenzene	20.8	5.6	ug/kg dry	22.25	ND	93	60-140			
1,3-Dichlorobenzene	20.9	5.6	ug/kg dry	22.25	ND	94	60-140			
1,4-Dichlorobenzene	21.6	5.6	ug/kg dry	22.25	ND	97	60-140			
Dichlorodifluoromethane	22.6	5.6	ug/kg dry	22.25	ND	102	25-150			
1,1-Dichloroethane	21.4	5.6	ug/kg dry	22.25	ND	96	60-140			
1,2-Dichloroethane	19.7	5.6	ug/kg dry	22.25	ND	89	60-140			
1,1-Dichloroethene	22.2	5.6	ug/kg dry	22.25	ND	100	60-140			
cis-1,2-Dichloroethene	19.0	5.6	ug/kg dry	22.25	ND	85	60-140			
trans-1,2-Dichloroethene	20.8	5.6	ug/kg dry	22.25	ND	93	60-140			
Dichlorofluoromethane	22.7	5.6	ug/kg dry	22.25	ND	102	60-140			
1,2-Dichloropropane	20.5	5.6	ug/kg dry	22.25	ND	92	60-140			
1,3-Dichloropropane	20.2	5.6	ug/kg dry	22.25	ND	91	60-140			
2,2-Dichloropropane	22.3	5.6	ug/kg dry	22.25	ND	100	60-140			
1,1-Dichloropropene	21.1	5.6	ug/kg dry	22.25	ND	95	60-140			
cis-1,3-Dichloropropene	18.4	5.6	ug/kg dry	22.25	ND	83	60-140			
trans-1,3-Dichloropropene	18.0	5.6	ug/kg dry	22.25	ND	81	60-140			
Diisopropyl ether (DIPE)	19.9	5.6	ug/kg dry	22.25	ND	89	60-140			
Ethyl tert-butyl ether (ETBE)	18.4	5.6	ug/kg dry	22.25	ND	83	60-140			
Ethylbenzene	20.8	5.6	ug/kg dry	22.25	ND	93	60-140			
Hexachlorobutadiene	23.6	5.6	ug/kg dry	22.25	ND	106	60-140			
2-Hexanone	40.9	11.1	ug/kg dry	44.49	ND	92	25-150			
Isopropylbenzene (Cumene)	21.6	5.6	ug/kg dry	22.25	ND	97	60-140			
4-Isopropyltoluene	22.6	5.6	ug/kg dry	22.25	ND	102	60-140			
Methyl tert-butyl ether (MTBE)	19.2	5.6	ug/kg dry	22.25	ND	86	60-140			
4-Methyl-2-pentanone	39.7	11.1	ug/kg dry	44.49	ND	89	25-150			
Methylene chloride	23.8	22.2	ug/kg dry	22.25	3.1	93	25-150			
Naphthalene	17.0	5.6	ug/kg dry	22.25	ND	76	60-140			
n-Propylbenzene	22.3	5.6	ug/kg dry	22.25	ND	100	60-140			
Styrene	19.4	5.6	ug/kg dry	22.25	ND	87	60-140			

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0193 - 5030-GCMS										
Matrix Spike (BIJ0193-MS1)		**Source: 5100724-40**		Prepared & Analyzed: 10/08/25						
1,1,1,2-Tetrachloroethane	20.0	5.6	ug/kg dry	22.25	ND	90	60-140			
1,1,2,2-Tetrachloroethane	20.0	5.6	ug/kg dry	22.25	ND	90	60-140			
Tetrachloroethene	16.7	5.6	ug/kg dry	22.25	ND	75	60-140			
Toluene	20.4	5.6	ug/kg dry	22.25	ND	92	60-140			
1,2,3-Trichlorobenzene	20.1	5.6	ug/kg dry	22.25	ND	90	60-140			
1,2,4-Trichlorobenzene	21.5	5.6	ug/kg dry	22.25	ND	97	60-140			
1,1,1-Trichloroethane	20.3	5.6	ug/kg dry	22.25	ND	91	60-140			
1,1,2-Trichloroethane	19.8	5.6	ug/kg dry	22.25	ND	89	60-140			
Trichloroethene	20.1	5.6	ug/kg dry	22.25	ND	90	60-140			
Trichlorofluoromethane (Freon 11)	21.1	5.6	ug/kg dry	22.25	ND	95	60-140			
1,2,3-Trichloropropane	20.3	5.6	ug/kg dry	22.25	ND	91	60-140			
1,2,4-Trimethylbenzene	21.3	5.6	ug/kg dry	22.25	ND	96	60-140			
1,3,5-Trimethylbenzene	21.8	5.6	ug/kg dry	22.25	ND	98	60-140			
Vinyl chloride	21.6	5.6	ug/kg dry	22.25	ND	97	25-150			
o-Xylene	20.9	5.6	ug/kg dry	22.25	ND	94	60-140			
m- & p-Xylenes	42.2	5.6	ug/kg dry	44.49	ND	95	60-140			
Surrogate: 1,2-Dichloroethane-d4	*49.4*		ug/L	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*50.1*		ug/L	*50.00*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*50.3*		ug/L	*50.00*		*101*	*65-120*			
Batch BIJ0217 - 5030-GCMS										
Blank (BIJ0217-BLK1)				Prepared & Analyzed: 10/09/25						
Acetone	ND	10.0	ug/kg wet							
tert-Amyl alcohol (TAA)	ND	50.0	ug/kg wet							
tert-Amyl methyl ether (TAME)	ND	5.0	ug/kg wet							
Benzene	ND	5.0	ug/kg wet							
Bromobenzene	ND	5.0	ug/kg wet							
Bromochloromethane	ND	5.0	ug/kg wet							
Bromodichloromethane	ND	5.0	ug/kg wet							
Bromoform	ND	5.0	ug/kg wet							
Bromomethane	ND	5.0	ug/kg wet							
tert-Butanol (TBA)	ND	50.0	ug/kg wet							
2-Butanone (MEK)	ND	10.0	ug/kg wet							
n-Butylbenzene	ND	5.0	ug/kg wet							
sec-Butylbenzene	ND	5.0	ug/kg wet							
tert-Butylbenzene	ND	5.0	ug/kg wet							
Carbon disulfide	ND	5.0	ug/kg wet							

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
Blank (BIJ0217-BLK1)				Prepared & Analyzed: 10/09/25						
Carbon tetrachloride	ND	5.0	ug/kg wet							
Chlorobenzene	ND	5.0	ug/kg wet							
Chloroethane	ND	5.0	ug/kg wet							
Chloroform	ND	5.0	ug/kg wet							
Chloromethane	ND	5.0	ug/kg wet							
2-Chlorotoluene	ND	5.0	ug/kg wet							
4-Chlorotoluene	ND	5.0	ug/kg wet							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg wet							
Dibromochloromethane	ND	5.0	ug/kg wet							
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg wet							
Dibromomethane	ND	5.0	ug/kg wet							
1,2-Dichlorobenzene	ND	5.0	ug/kg wet							
1,3-Dichlorobenzene	ND	5.0	ug/kg wet							
1,4-Dichlorobenzene	ND	5.0	ug/kg wet							
Dichlorodifluoromethane	ND	5.0	ug/kg wet							
1,1-Dichloroethane	ND	5.0	ug/kg wet							
1,2-Dichloroethane	ND	5.0	ug/kg wet							
1,1-Dichloroethene	ND	5.0	ug/kg wet							
cis-1,2-Dichloroethene	ND	5.0	ug/kg wet							
trans-1,2-Dichloroethene	ND	5.0	ug/kg wet							
Dichlorofluoromethane	ND	5.0	ug/kg wet							
1,2-Dichloropropane	ND	5.0	ug/kg wet							
1,3-Dichloropropane	ND	5.0	ug/kg wet							
2,2-Dichloropropane	ND	5.0	ug/kg wet							
1,1-Dichloropropene	ND	5.0	ug/kg wet							
cis-1,3-Dichloropropene	ND	5.0	ug/kg wet							
trans-1,3-Dichloropropene	ND	5.0	ug/kg wet							
Diisopropyl ether (DIPE)	ND	5.0	ug/kg wet							
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/kg wet							
Ethylbenzene	ND	5.0	ug/kg wet							
Hexachlorobutadiene	ND	5.0	ug/kg wet							
2-Hexanone	ND	10.0	ug/kg wet							
Isopropylbenzene (Cumene)	ND	5.0	ug/kg wet							
4-Isopropyltoluene	ND	5.0	ug/kg wet							
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg wet							
4-Methyl-2-pentanone	ND	10.0	ug/kg wet							
Methylene chloride	ND	20.0	ug/kg wet							

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
Blank (BIJ0217-BLK1)				Prepared & Analyzed: 10/09/25						
Naphthalene	ND	5.0	ug/kg wet							
n-Propylbenzene	ND	5.0	ug/kg wet							
Styrene	ND	5.0	ug/kg wet							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet							
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg wet							
Tetrachloroethene	ND	5.0	ug/kg wet							
Toluene	ND	5.0	ug/kg wet							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg wet							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg wet							
1,1,1-Trichloroethane	ND	5.0	ug/kg wet							
1,1,2-Trichloroethane	ND	5.0	ug/kg wet							
Trichloroethene	ND	5.0	ug/kg wet							
Trichlorofluoromethane (Freon 11)	ND	5.0	ug/kg wet							
1,2,3-Trichloropropane	ND	5.0	ug/kg wet							
1,2,4-Trimethylbenzene	ND	5.0	ug/kg wet							
1,3,5-Trimethylbenzene	ND	5.0	ug/kg wet							
Vinyl chloride	ND	5.0	ug/kg wet							
o-Xylene	ND	5.0	ug/kg wet							
m- & p-Xylenes	ND	5.0	ug/kg wet							
Tentatively Identified Compounds (TICs)	0.0		ug/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*48.7*		ug/L	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*50.5*		ug/L	*50.00*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*49.6*		ug/L	*50.00*		*99*	*65-120*			
LCS (BIJ0217-BS1)				Prepared & Analyzed: 10/09/25						
Acetone	7.0	10.0	ug/kg wet	10.00		70	30-150			J
tert-Amyl alcohol (TAA)	20.8	50.0	ug/kg wet	25.00		83	30-110			J
tert-Amyl methyl ether (TAME)	4.1	5.0	ug/kg wet	5.000		82	70-130			J
Benzene	4.7	5.0	ug/kg wet	5.000		94	70-130			J
Bromobenzene	4.8	5.0	ug/kg wet	5.000		97	70-130			J
Bromochloromethane	4.2	5.0	ug/kg wet	5.000		83	70-130			J
Bromodichloromethane	4.4	5.0	ug/kg wet	5.000		88	70-130			J
Bromoform	4.3	5.0	ug/kg wet	5.000		86	70-130			J
Bromomethane	6.2	5.0	ug/kg wet	5.000		124	25-150			
tert-Butanol (TBA)	17.1	50.0	ug/kg wet	25.00		69	50-130			J
2-Butanone (MEK)	4.9	10.0	ug/kg wet	10.00		49	25-150			J
n-Butylbenzene	4.8	5.0	ug/kg wet	5.000		97	70-130			J

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
LCS (BIJ0217-BS1)				Prepared & Analyzed: 10/09/25						
sec-Butylbenzene	4.6	5.0	ug/kg wet	5.000		92	70-130			J
tert-Butylbenzene	4.6	5.0	ug/kg wet	5.000		92	70-130			J
Carbon disulfide	4.7	5.0	ug/kg wet	5.000		93	70-130			J
Carbon tetrachloride	4.4	5.0	ug/kg wet	5.000		89	70-130			J
Chlorobenzene	4.5	5.0	ug/kg wet	5.000		90	70-130			J
Chloroethane	3.6	5.0	ug/kg wet	5.000		72	40-160			J
Chloroform	4.7	5.0	ug/kg wet	5.000		93	70-130			J
Chloromethane	5.2	5.0	ug/kg wet	5.000		104	60-150			
2-Chlorotoluene	4.3	5.0	ug/kg wet	5.000		86	70-130			J
4-Chlorotoluene	4.8	5.0	ug/kg wet	5.000		97	70-130			J
1,2-Dibromo-3-chloropropane	4.5	5.0	ug/kg wet	5.000		90	70-130			J
Dibromochloromethane	4.6	5.0	ug/kg wet	5.000		91	70-130			J
1,2-Dibromoethane (EDB)	4.4	5.0	ug/kg wet	5.000		88	70-130			J
Dibromomethane	4.4	5.0	ug/kg wet	5.000		89	70-130			J
1,2-Dichlorobenzene	4.8	5.0	ug/kg wet	5.000		96	70-130			J
1,3-Dichlorobenzene	4.5	5.0	ug/kg wet	5.000		91	70-130			J
1,4-Dichlorobenzene	4.6	5.0	ug/kg wet	5.000		91	70-130			J
Dichlorodifluoromethane	4.8	5.0	ug/kg wet	5.000		95	60-150			J
1,1-Dichloroethane	4.6	5.0	ug/kg wet	5.000		92	70-130			J
1,2-Dichloroethane	4.7	5.0	ug/kg wet	5.000		93	70-130			J
1,1-Dichloroethene	4.8	5.0	ug/kg wet	5.000		96	70-130			J
cis-1,2-Dichloroethene	4.2	5.0	ug/kg wet	5.000		85	70-130			J
trans-1,2-Dichloroethene	4.4	5.0	ug/kg wet	5.000		89	70-130			J
Dichlorofluoromethane	4.8	5.0	ug/kg wet	5.000		97	70-130			J
1,2-Dichloropropane	4.8	5.0	ug/kg wet	5.000		96	70-130			J
1,3-Dichloropropane	4.6	5.0	ug/kg wet	5.000		91	70-130			J
2,2-Dichloropropane	4.5	5.0	ug/kg wet	5.000		91	70-130			J
1,1-Dichloropropene	4.8	5.0	ug/kg wet	5.000		96	70-130			J
cis-1,3-Dichloropropene	4.0	5.0	ug/kg wet	5.000		80	70-130			J
trans-1,3-Dichloropropene	4.0	5.0	ug/kg wet	5.000		81	70-130			J
Diisopropyl ether (DIPE)	4.2	5.0	ug/kg wet	5.000		83	70-130			J
Ethyl tert-butyl ether (ETBE)	4.1	5.0	ug/kg wet	5.000		82	70-130			J
Ethylbenzene	4.7	5.0	ug/kg wet	5.000		94	70-130			J
Hexachlorobutadiene	5.1	5.0	ug/kg wet	5.000		102	70-130			
2-Hexanone	8.5	10.0	ug/kg wet	10.00		85	50-110			J
Isopropylbenzene (Cumene)	4.6	5.0	ug/kg wet	5.000		91	70-130			J
4-Isopropyltoluene	4.7	5.0	ug/kg wet	5.000		93	70-130			J

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
LCS (BIJ0217-BS1)				Prepared & Analyzed: 10/09/25						
Methyl tert-butyl ether (MTBE)	4.1	5.0	ug/kg wet	5.000		81	70-130			J
4-Methyl-2-pentanone	9.9	10.0	ug/kg wet	10.00		99	60-110			J
Methylene chloride	ND	20.0	ug/kg wet	5.000			25-150			
Naphthalene	4.6	5.0	ug/kg wet	5.000		91	70-130			J
n-Propylbenzene	4.7	5.0	ug/kg wet	5.000		94	70-130			J
Styrene	4.0	5.0	ug/kg wet	5.000		79	70-130			J
1,1,1,2-Tetrachloroethane	4.5	5.0	ug/kg wet	5.000		90	70-130			J
1,1,2,2-Tetrachloroethane	4.2	5.0	ug/kg wet	5.000		85	70-130			J
Tetrachloroethene	4.2	5.0	ug/kg wet	5.000		84	70-130			J
Toluene	4.6	5.0	ug/kg wet	5.000		93	70-130			J
1,2,3-Trichlorobenzene	5.0	5.0	ug/kg wet	5.000		100	70-130			
1,2,4-Trichlorobenzene	5.0	5.0	ug/kg wet	5.000		99	70-130			J
1,1,1-Trichloroethane	4.2	5.0	ug/kg wet	5.000		85	70-130			J
1,1,2-Trichloroethane	4.5	5.0	ug/kg wet	5.000		91	70-130			J
Trichloroethene	4.5	5.0	ug/kg wet	5.000		90	70-130			J
Trichlorofluoromethane (Freon 11)	4.8	5.0	ug/kg wet	5.000		96	70-130			J
1,2,3-Trichloropropane	4.8	5.0	ug/kg wet	5.000		96	70-130			J
1,2,4-Trimethylbenzene	4.6	5.0	ug/kg wet	5.000		91	70-130			J
1,3,5-Trimethylbenzene	4.7	5.0	ug/kg wet	5.000		93	70-130			J
Vinyl chloride	4.8	5.0	ug/kg wet	5.000		96	60-150			J
o-Xylene	4.4	5.0	ug/kg wet	5.000		88	70-130			J
m- & p-Xylenes	8.9	5.0	ug/kg wet	10.00		89	70-130			
Surrogate: 1,2-Dichloroethane-d4	*48.9*		ug/L	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*50.1*		ug/L	*50.00*		*100*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*49.6*		ug/L	*50.00*		*99*	*65-120*			
Duplicate (BIJ0217-DUP1)		**Source: 5100615-03**		Prepared & Analyzed: 10/09/25						**IS-06**
Acetone	ND	11.5	ug/kg dry		ND				20	
tert-Amyl alcohol (TAA)	ND	57.7	ug/kg dry		ND				20	
tert-Amyl methyl ether (TAME)	ND	5.8	ug/kg dry		ND				20	
Benzene	ND	5.8	ug/kg dry		ND				20	
Bromobenzene	ND	5.8	ug/kg dry		ND				20	
Bromochloromethane	ND	5.8	ug/kg dry		ND				20	
Bromodichloromethane	ND	5.8	ug/kg dry		ND				20	
Bromoform	ND	5.8	ug/kg dry		ND				20	
Bromomethane	ND	5.8	ug/kg dry		ND				20	
tert-Butanol (TBA)	ND	57.7	ug/kg dry		ND				20	

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410-247-7600
www.mdspectral.com

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
Duplicate (BIJ0217-DUP1)		**Source: 5100615-03**		Prepared & Analyzed: 10/09/25						**IS-06**
2-Butanone (MEK)	ND	11.5	ug/kg dry		ND				20	
n-Butylbenzene	ND	5.8	ug/kg dry		ND				20	
sec-Butylbenzene	ND	5.8	ug/kg dry		ND				20	
tert-Butylbenzene	ND	5.8	ug/kg dry		ND				20	
Carbon disulfide	ND	5.8	ug/kg dry		ND				20	
Carbon tetrachloride	ND	5.8	ug/kg dry		ND				20	
Chlorobenzene	ND	5.8	ug/kg dry		ND				20	
Chloroethane	ND	5.8	ug/kg dry		ND				20	
Chloroform	ND	5.8	ug/kg dry		ND				20	
Chloromethane	ND	5.8	ug/kg dry		ND				20	
2-Chlorotoluene	ND	5.8	ug/kg dry		ND				20	
4-Chlorotoluene	ND	5.8	ug/kg dry		ND				20	
1,2-Dibromo-3-chloropropane	ND	5.8	ug/kg dry		ND				20	
Dibromochloromethane	ND	5.8	ug/kg dry		ND				20	
1,2-Dibromoethane (EDB)	ND	5.8	ug/kg dry		ND				20	
Dibromomethane	ND	5.8	ug/kg dry		ND				20	
1,2-Dichlorobenzene	ND	5.8	ug/kg dry		ND				20	
1,3-Dichlorobenzene	ND	5.8	ug/kg dry		ND				20	
1,4-Dichlorobenzene	ND	5.8	ug/kg dry		ND				20	
Dichlorodifluoromethane	ND	5.8	ug/kg dry		ND				20	
1,1-Dichloroethane	ND	5.8	ug/kg dry		ND				20	
1,2-Dichloroethane	ND	5.8	ug/kg dry		ND				20	
1,1-Dichloroethene	ND	5.8	ug/kg dry		ND				20	
cis-1,2-Dichloroethene	ND	5.8	ug/kg dry		ND				20	
trans-1,2-Dichloroethene	ND	5.8	ug/kg dry		ND				20	
Dichlorofluoromethane	ND	5.8	ug/kg dry		ND				20	
1,2-Dichloropropane	ND	5.8	ug/kg dry		ND				20	
1,3-Dichloropropane	ND	5.8	ug/kg dry		ND				20	
2,2-Dichloropropane	ND	5.8	ug/kg dry		ND				20	
1,1-Dichloropropene	ND	5.8	ug/kg dry		ND				20	
cis-1,3-Dichloropropene	ND	5.8	ug/kg dry		ND				20	
trans-1,3-Dichloropropene	ND	5.8	ug/kg dry		ND				20	
Diisopropyl ether (DIPE)	ND	5.8	ug/kg dry		ND				20	
Ethyl tert-butyl ether (ETBE)	ND	5.8	ug/kg dry		ND				20	
Ethylbenzene	ND	5.8	ug/kg dry		ND				20	
Hexachlorobutadiene	ND	5.8	ug/kg dry		ND				20	
2-Hexanone	ND	11.5	ug/kg dry		ND				20	

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
Duplicate (BIJ0217-DUP1)		**Source: 5100615-03**		Prepared & Analyzed: 10/09/25						**IS-06**
Isopropylbenzene (Cumene)	ND	5.8	ug/kg dry		ND				20	
4-Isopropyltoluene	ND	5.8	ug/kg dry		ND				20	
Methyl tert-butyl ether (MTBE)	ND	5.8	ug/kg dry		ND				20	
4-Methyl-2-pentanone	ND	11.5	ug/kg dry		ND				20	
Methylene chloride	ND	23.1	ug/kg dry		ND				20	
Naphthalene	ND	5.8	ug/kg dry		ND				20	
n-Propylbenzene	ND	5.8	ug/kg dry		ND				20	
Styrene	ND	5.8	ug/kg dry		ND				20	
1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg dry		ND				20	
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg dry		ND				20	
Tetrachloroethene	ND	5.8	ug/kg dry		ND				20	
Toluene	ND	5.8	ug/kg dry		ND				20	
1,2,3-Trichlorobenzene	ND	5.8	ug/kg dry		ND				20	
1,2,4-Trichlorobenzene	ND	5.8	ug/kg dry		ND				20	
1,1,1-Trichloroethane	ND	5.8	ug/kg dry		ND				20	
1,1,2-Trichloroethane	ND	5.8	ug/kg dry		ND				20	
Trichloroethene	ND	5.8	ug/kg dry		ND				20	
Trichlorofluoromethane (Freon 11)	ND	5.8	ug/kg dry		ND				20	
1,2,3-Trichloropropane	ND	5.8	ug/kg dry		ND				20	
1,2,4-Trimethylbenzene	ND	5.8	ug/kg dry		ND				20	
1,3,5-Trimethylbenzene	ND	5.8	ug/kg dry		ND				20	
Vinyl chloride	ND	5.8	ug/kg dry		ND				20	
o-Xylene	ND	5.8	ug/kg dry		ND				20	
m- & p-Xylenes	ND	5.8	ug/kg dry		ND				20	
Tentatively Identified Compounds (TICs)	0.0		ug/kg dry		0.0				200	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		ug/L	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*56.3*		ug/L	*50.00*		*113*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*42.4*		ug/L	*50.00*		*85*	*65-120*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
Matrix Spike (BIJ0217-MS1)		**Source: 5100615-03**		Prepared & Analyzed: 10/09/25						
Acetone	42.4	11.5	ug/kg dry	46.19	ND	92	25-150			
tert-Amyl alcohol (TAA)	91.1	57.7	ug/kg dry	115.5	ND	79	25-150			
tert-Amyl methyl ether (TAME)	19.2	5.8	ug/kg dry	23.10	ND	83	60-140			
Benzene	19.4	5.8	ug/kg dry	23.10	ND	84	60-140			
Bromobenzene	13.5	5.8	ug/kg dry	23.10	ND	58	60-140			S-98
Bromochloromethane	20.2	5.8	ug/kg dry	23.10	ND	88	60-140			
Bromodichloromethane	17.7	5.8	ug/kg dry	23.10	ND	77	60-140			
Bromoform	14.0	5.8	ug/kg dry	23.10	ND	61	60-140			
Bromomethane	18.3	5.8	ug/kg dry	23.10	ND	79	25-150			
tert-Butanol (TBA)	74.2	57.7	ug/kg dry	115.5	ND	64	25-150			
2-Butanone (MEK)	29.0	11.5	ug/kg dry	46.19	ND	63	25-150			
n-Butylbenzene	15.1	5.8	ug/kg dry	23.10	ND	65	60-140			
sec-Butylbenzene	19.6	5.8	ug/kg dry	23.10	ND	85	60-140			
tert-Butylbenzene	21.8	5.8	ug/kg dry	23.10	ND	94	60-140			
Carbon disulfide	20.7	5.8	ug/kg dry	23.10	ND	90	60-140			
Carbon tetrachloride	23.4	5.8	ug/kg dry	23.10	ND	101	60-140			
Chlorobenzene	15.6	5.8	ug/kg dry	23.10	ND	67	60-140			
Chloroethane	18.0	5.8	ug/kg dry	23.10	ND	78	25-150			
Chloroform	19.5	5.8	ug/kg dry	23.10	ND	85	60-140			
Chloromethane	22.9	5.8	ug/kg dry	23.10	ND	99	25-150			
2-Chlorotoluene	16.8	5.8	ug/kg dry	23.10	ND	73	60-140			
4-Chlorotoluene	15.0	5.8	ug/kg dry	23.10	ND	65	60-140			
1,2-Dibromo-3-chloropropane	14.5	5.8	ug/kg dry	23.10	ND	63	60-140			
Dibromochloromethane	16.6	5.8	ug/kg dry	23.10	ND	72	60-140			
1,2-Dibromoethane (EDB)	15.6	5.8	ug/kg dry	23.10	ND	68	60-140			
Dibromomethane	17.4	5.8	ug/kg dry	23.10	ND	75	60-140			
1,2-Dichlorobenzene	12.4	5.8	ug/kg dry	23.10	ND	54	60-140			S-98
1,3-Dichlorobenzene	12.8	5.8	ug/kg dry	23.10	ND	55	60-140			S-98
1,4-Dichlorobenzene	12.9	5.8	ug/kg dry	23.10	ND	56	60-140			S-98
Dichlorodifluoromethane	23.4	5.8	ug/kg dry	23.10	ND	101	25-150			
1,1-Dichloroethane	21.7	5.8	ug/kg dry	23.10	ND	94	60-140			
1,2-Dichloroethane	19.0	5.8	ug/kg dry	23.10	ND	82	60-140			
1,1-Dichloroethene	23.3	5.8	ug/kg dry	23.10	ND	101	60-140			
cis-1,2-Dichloroethene	17.9	5.8	ug/kg dry	23.10	ND	77	60-140			
trans-1,2-Dichloroethene	19.1	5.8	ug/kg dry	23.10	ND	83	60-140			
Dichlorofluoromethane	23.4	5.8	ug/kg dry	23.10	ND	101	60-140			
1,2-Dichloropropane	19.8	5.8	ug/kg dry	23.10	ND	86	60-140			

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0217 - 5030-GCMS										
Matrix Spike (BIJ0217-MS1)		**Source: 5100615-03**		Prepared & Analyzed: 10/09/25						
1,3-Dichloropropane	18.2	5.8	ug/kg dry	23.10	ND	79	60-140			
2,2-Dichloropropane	22.4	5.8	ug/kg dry	23.10	ND	97	60-140			
1,1-Dichloropropene	20.7	5.8	ug/kg dry	23.10	ND	90	60-140			
cis-1,3-Dichloropropene	14.2	5.8	ug/kg dry	23.10	ND	62	60-140			
trans-1,3-Dichloropropene	12.4	5.8	ug/kg dry	23.10	ND	54	60-140			S-98
Diisopropyl ether (DIPE)	20.7	5.8	ug/kg dry	23.10	ND	90	60-140			
Ethyl tert-butyl ether (ETBE)	19.7	5.8	ug/kg dry	23.10	ND	85	60-140			
Ethylbenzene	17.9	5.8	ug/kg dry	23.10	ND	78	60-140			
Hexachlorobutadiene	14.5	5.8	ug/kg dry	23.10	ND	63	60-140			
2-Hexanone	21.1	11.5	ug/kg dry	46.19	ND	46	25-150			
Isopropylbenzene (Cumene)	18.2	5.8	ug/kg dry	23.10	ND	79	60-140			
4-Isopropyltoluene	17.7	5.8	ug/kg dry	23.10	ND	77	60-140			
Methyl tert-butyl ether (MTBE)	20.7	5.8	ug/kg dry	23.10	ND	90	60-140			
4-Methyl-2-pentanone	36.7	11.5	ug/kg dry	46.19	ND	79	25-150			
Methylene chloride	33.7	23.1	ug/kg dry	23.10	ND	146	25-150			
Naphthalene	5.7	5.8	ug/kg dry	23.10	ND	25	60-140			S-98, J
n-Propylbenzene	15.9	5.8	ug/kg dry	23.10	ND	69	60-140			
Styrene	11.3	5.8	ug/kg dry	23.10	ND	49	60-140			S-98
1,1,1,2-Tetrachloroethane	18.9	5.8	ug/kg dry	23.10	ND	82	60-140			
1,1,2,2-Tetrachloroethane	17.9	5.8	ug/kg dry	23.10	ND	77	60-140			
Tetrachloroethene	14.5	5.8	ug/kg dry	23.10	ND	63	60-140			
Toluene	18.6	5.8	ug/kg dry	23.10	ND	80	60-140			
1,2,3-Trichlorobenzene	7.0	5.8	ug/kg dry	23.10	ND	30	60-140			S-98
1,2,4-Trichlorobenzene	7.8	5.8	ug/kg dry	23.10	ND	34	60-140			S-98
1,1,1-Trichloroethane	20.9	5.8	ug/kg dry	23.10	ND	90	60-140			
1,1,2-Trichloroethane	19.6	5.8	ug/kg dry	23.10	ND	85	60-140			
Trichloroethene	18.0	5.8	ug/kg dry	23.10	ND	78	60-140			
Trichlorofluoromethane (Freon 11)	22.6	5.8	ug/kg dry	23.10	ND	98	60-140			
1,2,3-Trichloropropane	21.0	5.8	ug/kg dry	23.10	ND	91	60-140			
1,2,4-Trimethylbenzene	16.8	5.8	ug/kg dry	23.10	ND	73	60-140			
1,3,5-Trimethylbenzene	18.9	5.8	ug/kg dry	23.10	ND	82	60-140			
Vinyl chloride	23.0	5.8	ug/kg dry	23.10	ND	100	25-150			
o-Xylene	16.9	5.8	ug/kg dry	23.10	ND	73	60-140			
m- & p-Xylenes	33.7	5.8	ug/kg dry	46.19	ND	73	60-140			
Surrogate: 1,2-Dichloroethane-d4	*50.9*		ug/L	*50.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*53.3*		ug/L	*50.00*		*107*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*45.3*		ug/L	*50.00*		*91*	*65-120*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Semivolatile Organics by EPA 8270D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0204 - 3540-GCMS(Soxhlet)										
Blank (BIJ0204-BLK1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	ND	80	ug/kg wet							
Acenaphthylene	ND	80	ug/kg wet							
Anthracene	ND	80	ug/kg wet							
Benzo[a]anthracene	ND	80	ug/kg wet							
Benzo[b]fluoranthene	ND	80	ug/kg wet							
Benzo[k]fluoranthene	ND	80	ug/kg wet							
Benzo[g,h,i]perylene	ND	80	ug/kg wet							
Benzo[a]pyrene	ND	80	ug/kg wet							
Chrysene	ND	80	ug/kg wet							
Dibenz[a,h]anthracene	ND	80	ug/kg wet							
Fluoranthene	ND	80	ug/kg wet							
Fluorene	ND	80	ug/kg wet							
Indeno[1,2,3-cd]pyrene	ND	80	ug/kg wet							
1-Methylnaphthalene	ND	80	ug/kg wet							
2-Methylnaphthalene	ND	80	ug/kg wet							
Naphthalene	ND	80	ug/kg wet							
Phenanthrene	ND	80	ug/kg wet							
Pyrene	ND	80	ug/kg wet							
Surrogate: 2-Fluorophenol	*3230*		ug/kg wet	*4000*		*81*	*23-121*			
Surrogate: Phenol-d5	*3290*		ug/kg wet	*4000*		*82*	*24-113*			
Surrogate: Nitrobenzene-d5	*3020*		ug/kg wet	*4000*		*76*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*3720*		ug/kg wet	*4000*		*93*	*19-122*			
Surrogate: 2-Fluorobiphenyl	*3210*		ug/kg wet	*4000*		*80*	*30-115*			
Surrogate: Terphenyl-d14	*3650*		ug/kg wet	*4000*		*91*	*18-137*			
Blank (BIJ0204-BLK2)				Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	ND	80	ug/kg wet							
Acenaphthylene	ND	80	ug/kg wet							
Anthracene	ND	80	ug/kg wet							
Benzo[a]anthracene	ND	80	ug/kg wet							
Benzo[b]fluoranthene	ND	80	ug/kg wet							
Benzo[k]fluoranthene	ND	80	ug/kg wet							
Benzo[g,h,i]perylene	ND	80	ug/kg wet							
Benzo[a]pyrene	ND	80	ug/kg wet							
Chrysene	ND	80	ug/kg wet							
Dibenz[a,h]anthracene	ND	80	ug/kg wet							
Fluoranthene	ND	80	ug/kg wet							

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Semivolatile Organics by EPA 8270D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0204 - 3540-GCMS(Soxhlet)										
Blank (BIJ0204-BLK2)				Prepared: 10/08/25 Analyzed: 10/09/25						
Fluorene	ND	80	ug/kg wet							
Indeno[1,2,3-cd]pyrene	ND	80	ug/kg wet							
1-Methylnaphthalene	ND	80	ug/kg wet							
2-Methylnaphthalene	ND	80	ug/kg wet							
Naphthalene	ND	80	ug/kg wet							
Phenanthrene	ND	80	ug/kg wet							
Pyrene	ND	80	ug/kg wet							
Surrogate: 2-Fluorophenol	*3240*		ug/kg wet	*4000*		*81*	*23-121*			
Surrogate: Phenol-d5	*3370*		ug/kg wet	*4000*		*84*	*24-113*			
Surrogate: Nitrobenzene-d5	*3120*		ug/kg wet	*4000*		*78*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*3650*		ug/kg wet	*4000*		*91*	*19-122*			
Surrogate: 2-Fluorobiphenyl	*3260*		ug/kg wet	*4000*		*81*	*30-115*			
Surrogate: Terphenyl-d14	*3670*		ug/kg wet	*4000*		*92*	*18-137*			
LCS (BIJ0204-BS1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	319	80	ug/kg wet	400.0		80	68-113			
Acenaphthylene	336	80	ug/kg wet	400.0		84	70-113			
Anthracene	342	80	ug/kg wet	400.0		85	67-111			
Benzo[a]anthracene	340	80	ug/kg wet	400.0		85	71-117			
Benzo[b]fluoranthene	326	80	ug/kg wet	400.0		82	64-119			
Benzo[k]fluoranthene	343	80	ug/kg wet	400.0		86	66-120			
Benzo[g,h,i]perylene	324	80	ug/kg wet	400.0		81	63-122			
Benzo[a]pyrene	334	80	ug/kg wet	400.0		84	65-118			
Chrysene	346	80	ug/kg wet	400.0		86	71-117			
Dibenz[a,h]anthracene	331	80	ug/kg wet	400.0		83	59-120			
Fluoranthene	342	80	ug/kg wet	400.0		85	67-114			
Fluorene	339	80	ug/kg wet	400.0		85	66-115			
Indeno[1,2,3-cd]pyrene	297	80	ug/kg wet	400.0		74	60-121			
1-Methylnaphthalene	311	80	ug/kg wet	400.0		78	69-108			
2-Methylnaphthalene	320	80	ug/kg wet	400.0		80	69-110			
Naphthalene	303	80	ug/kg wet	400.0		76	68-108			
Phenanthrene	337	80	ug/kg wet	400.0		84	69-113			
Pyrene	345	80	ug/kg wet	400.0		86	70-117			
Surrogate: 2-Fluorophenol	*3040*		ug/kg wet	*4000*		*76*	*23-121*			
Surrogate: Phenol-d5	*3100*		ug/kg wet	*4000*		*77*	*24-113*			
Surrogate: Nitrobenzene-d5	*2800*		ug/kg wet	*4000*		*70*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*3680*		ug/kg wet	*4000*		*92*	*19-122*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Semivolatile Organics by EPA 8270D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0204 - 3540-GCMS(Soxhlet)										
LCS (BIJ0204-BS1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Surrogate: 2-Fluorobiphenyl	*3130*		ug/kg wet	*4000*		*78*	*30-115*			
Surrogate: Terphenyl-d14	*3540*		ug/kg wet	*4000*		*88*	*18-137*			
LCS (BIJ0204-BS2)				Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	336	80	ug/kg wet	400.0		84	68-113			
Acenaphthylene	346	80	ug/kg wet	400.0		87	70-113			
Anthracene	350	80	ug/kg wet	400.0		88	67-111			
Benzo[a]anthracene	358	80	ug/kg wet	400.0		89	71-117			
Benzo[b]fluoranthene	352	80	ug/kg wet	400.0		88	64-119			
Benzo[k]fluoranthene	358	80	ug/kg wet	400.0		90	66-120			
Benzo[g,h,i]perylene	334	80	ug/kg wet	400.0		84	63-122			
Benzo[a]pyrene	348	80	ug/kg wet	400.0		87	65-118			
Chrysene	360	80	ug/kg wet	400.0		90	71-117			
Dibenz[a,h]anthracene	348	80	ug/kg wet	400.0		87	59-120			
Fluoranthene	357	80	ug/kg wet	400.0		89	67-114			
Fluorene	350	80	ug/kg wet	400.0		88	66-115			
Indeno[1,2,3-cd]pyrene	309	80	ug/kg wet	400.0		77	60-121			
1-Methylnaphthalene	338	80	ug/kg wet	400.0		84	69-108			
2-Methylnaphthalene	346	80	ug/kg wet	400.0		86	69-110			
Naphthalene	341	80	ug/kg wet	400.0		85	68-108			
Phenanthrene	354	80	ug/kg wet	400.0		88	69-113			
Pyrene	359	80	ug/kg wet	400.0		90	70-117			
Surrogate: 2-Fluorophenol	*3300*		ug/kg wet	*4000*		*83*	*23-121*			
Surrogate: Phenol-d5	*3380*		ug/kg wet	*4000*		*84*	*24-113*			
Surrogate: Nitrobenzene-d5	*3030*		ug/kg wet	*4000*		*76*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*3770*		ug/kg wet	*4000*		*94*	*19-122*			
Surrogate: 2-Fluorobiphenyl	*3150*		ug/kg wet	*4000*		*79*	*30-115*			
Surrogate: Terphenyl-d14	*3510*		ug/kg wet	*4000*		*88*	*18-137*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Semivolatile Organics by EPA 8270D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0204 - 3540-GCMS(Soxhlet)										
Duplicate (BIJ0204-DUP1)		**Source: 5100724-01**		Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	ND	91	ug/kg dry		ND				30	
Acenaphthylene	ND	91	ug/kg dry		ND				30	
Anthracene	ND	91	ug/kg dry		ND				30	
Benzo[a]anthracene	ND	91	ug/kg dry		ND				30	
Benzo[b]fluoranthene	ND	91	ug/kg dry		ND				30	
Benzo[k]fluoranthene	ND	91	ug/kg dry		ND				30	
Benzo[g,h,i]perylene	ND	91	ug/kg dry		ND				30	
Benzo[a]pyrene	ND	91	ug/kg dry		ND				30	
Chrysene	ND	91	ug/kg dry		ND				30	
Dibenz[a,h]anthracene	ND	91	ug/kg dry		ND				30	
Fluoranthene	ND	91	ug/kg dry		ND				30	
Fluorene	ND	91	ug/kg dry		ND				30	
Indeno[1,2,3-cd]pyrene	ND	91	ug/kg dry		ND				30	
1-Methylnaphthalene	ND	91	ug/kg dry		ND				50	
2-Methylnaphthalene	ND	91	ug/kg dry		ND				30	
Naphthalene	ND	91	ug/kg dry		ND				30	
Phenanthrene	ND	91	ug/kg dry		ND				30	
Pyrene	ND	91	ug/kg dry		ND				30	
Surrogate: 2-Fluorophenol	*3600*		ug/kg dry	*4554*		*79*	*23-121*			
Surrogate: Phenol-d5	*3750*		ug/kg dry	*4554*		*82*	*24-113*			
Surrogate: Nitrobenzene-d5	*3360*		ug/kg dry	*4554*		*74*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*4040*		ug/kg dry	*4554*		*89*	*19-122*			
Surrogate: 2-Fluorobiphenyl	*3540*		ug/kg dry	*4554*		*78*	*30-115*			
Surrogate: Terphenyl-d14	*3900*		ug/kg dry	*4554*		*86*	*18-137*			
Matrix Spike (BIJ0204-MS1)		**Source: 5100724-01**		Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	384	91	ug/kg dry	455.4	ND	84	10-200			
Acenaphthylene	400	91	ug/kg dry	455.4	ND	88	24-161			
Anthracene	388	91	ug/kg dry	455.4	ND	85	10-197			
Benzo[a]anthracene	393	91	ug/kg dry	455.4	ND	86	10-200			
Benzo[b]fluoranthene	385	91	ug/kg dry	455.4	ND	85	10-200			
Benzo[k]fluoranthene	398	91	ug/kg dry	455.4	ND	87	10-181			
Benzo[g,h,i]perylene	362	91	ug/kg dry	455.4	ND	80	10-200			
Benzo[a]pyrene	396	91	ug/kg dry	455.4	ND	87	10-200			
Chrysene	407	91	ug/kg dry	455.4	ND	89	10-200			
Dibenz[a,h]anthracene	374	91	ug/kg dry	455.4	ND	82	10-200			
Fluoranthene	398	91	ug/kg dry	455.4	ND	87	10-200			

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Semivolatile Organics by EPA 8270D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0204 - 3540-GCMS(Soxhlet)										
Matrix Spike (BIJ0204-MS1)		**Source: 5100724-01**		Prepared: 10/08/25 Analyzed: 10/09/25						
Fluorene	396	91	ug/kg dry	455.4	ND	87	10-200			
Indeno[1,2,3-cd]pyrene	344	91	ug/kg dry	455.4	ND	76	10-200			
1-Methylnaphthalene	396	91	ug/kg dry	455.4	ND	87	10-200			
2-Methylnaphthalene	398	91	ug/kg dry	455.4	ND	87	10-190			
Naphthalene	378	91	ug/kg dry	455.4	ND	83	10-200			
Phenanthrene	390	91	ug/kg dry	455.4	ND	86	10-200			
Pyrene	406	91	ug/kg dry	455.4	ND	89	10-200			
Surrogate: 2-Fluorophenol	*3860*		ug/kg dry	*4554*		*85*	*23-121*			
Surrogate: Phenol-d5	*4000*		ug/kg dry	*4554*		*88*	*24-113*			
Surrogate: Nitrobenzene-d5	*3570*		ug/kg dry	*4554*		*78*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*4380*		ug/kg dry	*4554*		*96*	*19-122*			
Surrogate: 2-Fluorobiphenyl	*3700*		ug/kg dry	*4554*		*81*	*30-115*			
Surrogate: Terphenyl-d14	*4090*		ug/kg dry	*4554*		*90*	*18-137*			
Matrix Spike (BIJ0204-MS2)		**Source: 5100724-11**		Prepared: 10/08/25 Analyzed: 10/09/25						
Acenaphthene	392	91	ug/kg dry	454.5	ND	86	10-200			
Acenaphthylene	410	91	ug/kg dry	454.5	ND	90	24-161			
Anthracene	415	91	ug/kg dry	454.5	ND	91	10-197			
Benzo[a]anthracene	408	91	ug/kg dry	454.5	ND	90	10-200			
Benzo[b]fluoranthene	391	91	ug/kg dry	454.5	ND	86	10-200			
Benzo[k]fluoranthene	405	91	ug/kg dry	454.5	ND	89	10-181			
Benzo[g,h,i]perylene	378	91	ug/kg dry	454.5	ND	83	10-200			
Benzo[a]pyrene	393	91	ug/kg dry	454.5	ND	86	10-200			
Chrysene	412	91	ug/kg dry	454.5	ND	91	10-200			
Dibenz[a,h]anthracene	382	91	ug/kg dry	454.5	ND	84	10-200			
Fluoranthene	415	91	ug/kg dry	454.5	ND	91	10-200			
Fluorene	395	91	ug/kg dry	454.5	ND	87	10-200			
Indeno[1,2,3-cd]pyrene	339	91	ug/kg dry	454.5	ND	75	10-200			
1-Methylnaphthalene	395	91	ug/kg dry	454.5	ND	87	10-200			
2-Methylnaphthalene	394	91	ug/kg dry	454.5	ND	87	10-190			
Naphthalene	386	91	ug/kg dry	454.5	ND	85	10-200			
Phenanthrene	409	91	ug/kg dry	454.5	ND	90	10-200			
Pyrene	410	91	ug/kg dry	454.5	ND	90	10-200			
Surrogate: 2-Fluorophenol	*3830*		ug/kg dry	*4545*		*84*	*23-121*			
Surrogate: Phenol-d5	*3980*		ug/kg dry	*4545*		*87*	*24-113*			
Surrogate: Nitrobenzene-d5	*3600*		ug/kg dry	*4545*		*79*	*23-120*			
Surrogate: 2,4,6-Tribromophenol	*4390*		ug/kg dry	*4545*		*96*	*19-122*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Semivolatile Organics by EPA 8270D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0204 - 3540-GCMS(Soxhlet)										
Matrix Spike (BIJ0204-MS2)		**Source: 5100724-11**		Prepared: 10/08/25 Analyzed: 10/09/25						
Surrogate: 2-Fluorobiphenyl	*3800*		ug/kg dry	*4545*		*84*	*30-115*			
Surrogate: Terphenyl-d14	*4150*		ug/kg dry	*4545*		*91*	*18-137*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

GASOLINE RANGE ORGANICS BY EPA 5030/8015C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0192 - 5030-GC										
Blank (BIJ0192-BLK1)				Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	ND	0.10	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene [FID]	*410*		ug/L	*400.0*		*103*	*85-115*			
Blank (BIJ0192-BLK2)				Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	ND	0.10	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene [FID]	*411*		ug/L	*400.0*		*103*	*85-115*			
LCS (BIJ0192-BS1)				Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	0.39	0.10	mg/kg wet	0.4440		88	70-130			
Surrogate: a,a,a-Trifluorotoluene [FID]	*408*		ug/L	*400.0*		*102*	*85-115*			
LCS (BIJ0192-BS2)				Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	0.33	0.10	mg/kg wet	0.4440		73	70-130			
Surrogate: a,a,a-Trifluorotoluene [FID]	*410*		ug/L	*400.0*		*103*	*85-115*			
Duplicate (BIJ0192-DUP1)		**Source: 5100724-35**		Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	ND	0.12	mg/kg dry		ND				20	
Surrogate: a,a,a-Trifluorotoluene [FID]	*412*		ug/L	*400.0*		*103*	*85-115*			
Duplicate (BIJ0192-DUP2)		**Source: 5100724-50**		Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	ND	0.11	mg/kg dry		ND				20	
Surrogate: a,a,a-Trifluorotoluene [FID]	*414*		ug/L	*400.0*		*103*	*85-115*			
Matrix Spike (BIJ0192-MS1)		**Source: 5100724-35**		Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	2.24	0.12	mg/kg dry	2.616	ND	85	70-130			
Surrogate: a,a,a-Trifluorotoluene [FID]	*397*		ug/L	*400.0*		*99*	*85-115*			
Matrix Spike (BIJ0192-MS2)		**Source: 5100724-50**		Prepared & Analyzed: 10/08/25						
Gasoline-Range Organics	1.80	0.11	mg/kg dry	2.370	ND	76	70-130			
Surrogate: a,a,a-Trifluorotoluene [FID]	*399*		ug/L	*400.0*		*100*	*85-115*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

DIESEL RANGE ORGANICS BY EPA 8015CD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0202 - 3546-GC										
Blank (BIJ0202-BLK1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	ND	8.0	mg/kg wet							
Surrogate: o-Terphenyl	*1.82*		mg/kg wet	*2.000*		*91*	*70-130*			
LCS (BIJ0202-BS1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	15.2	8.0	mg/kg wet	20.00		76	63-122			
Surrogate: o-Terphenyl	*1.68*		mg/kg wet	*2.000*		*84*	*70-130*			
Duplicate (BIJ0202-DUP1)		**Source: 5100724-41**		Prepared: 10/08/25 Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	ND	8.5	mg/kg dry		ND				20	
Surrogate: o-Terphenyl	*2.00*		mg/kg dry	*2.120*		*94*	*70-130*			
Matrix Spike (BIJ0202-MS1)		**Source: 5100724-41**		Prepared: 10/08/25 Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	20.3	8.5	mg/kg dry	21.20	ND	96	10-200			
Surrogate: o-Terphenyl	*1.88*		mg/kg dry	*2.120*		*89*	*70-130*			
Batch BIJ0209 - 3546-GC										
Blank (BIJ0209-BLK1)				Prepared & Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	ND	8.0	mg/kg wet							
Surrogate: o-Terphenyl	*1.86*		mg/kg wet	*2.000*		*93*	*70-130*			
LCS (BIJ0209-BS1)				Prepared & Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	17.8	8.0	mg/kg wet	20.00		89	63-122			
Surrogate: o-Terphenyl	*1.82*		mg/kg wet	*2.000*		*91*	*70-130*			
Duplicate (BIJ0209-DUP1)		**Source: 5100724-55**		Prepared & Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	ND	8.8	mg/kg dry		ND				20	
Surrogate: o-Terphenyl	*2.00*		mg/kg dry	*2.189*		*91*	*70-130*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

DIESEL RANGE ORGANICS BY EPA 8015CD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0209 - 3546-GC										
Matrix Spike (BIJ0209-MS1)		**Source: 5100724-56**		Prepared & Analyzed: 10/09/25						
Diesel-Range Organics (C10-C28)	20.7	8.7	mg/kg dry	21.82	ND	95	10-200			
Surrogate: o-Terphenyl	*1.90*		mg/kg dry	*2.182*		*87*	*70-130*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

PERCENT SOLIDS BY ASTM D2216-05 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0182 - Percent Solids										
Duplicate (BIJ0182-DUP1)		**Source: 5100713-01**		Prepared: 10/07/25 Analyzed: 10/08/25						
Percent Solids	93		%		92			0.8	10	
Batch BIJ0208 - Percent Solids										
Duplicate (BIJ0208-DUP1)		**Source: 5100724-30**		Prepared: 10/08/25 Analyzed: 10/09/25						
Percent Solids	90		%		91			0.6	10	

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0205 - 3540-GC(Soxhlet) ClPestPCB										
Blank (BIJ0205-BLK1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Aroclor-1016	ND	40.0	ug/kg wet							
Aroclor-1221	ND	40.0	ug/kg wet							
Aroclor-1232	ND	40.0	ug/kg wet							
Aroclor-1242	ND	40.0	ug/kg wet							
Aroclor-1248	ND	40.0	ug/kg wet							
Aroclor-1254	ND	40.0	ug/kg wet							
Aroclor-1260	ND	40.0	ug/kg wet							
Aroclor-1262	ND	40.0	ug/kg wet							
Aroclor-1268	ND	40.0	ug/kg wet							
Surrogate: Tetrachloro-m-xylene	*31.8*		ug/kg wet	*40.00*		*80*	*40-150*			
Surrogate: Decachlorobiphenyl	*23.7*		ug/kg wet	*40.00*		*59*	*40-150*			
Blank (BIJ0205-BLK2)				Prepared: 10/08/25 Analyzed: 10/09/25						
Aroclor-1016	ND	40.0	ug/kg wet							
Aroclor-1221	ND	40.0	ug/kg wet							
Aroclor-1232	ND	40.0	ug/kg wet							
Aroclor-1242	ND	40.0	ug/kg wet							
Aroclor-1248	ND	40.0	ug/kg wet							
Aroclor-1254	ND	40.0	ug/kg wet							
Aroclor-1260	ND	40.0	ug/kg wet							
Aroclor-1262	ND	40.0	ug/kg wet							
Aroclor-1268	ND	40.0	ug/kg wet							
Surrogate: Tetrachloro-m-xylene	*37.0*		ug/kg wet	*40.00*		*92*	*40-150*			
Surrogate: Decachlorobiphenyl	*29.9*		ug/kg wet	*40.00*		*75*	*40-150*			
LCS (BIJ0205-BS1)				Prepared: 10/08/25 Analyzed: 10/09/25						
Aroclor-1016	ND	40.0	ug/kg wet				70-130			
Aroclor-1221	ND	40.0	ug/kg wet				70-130			
Aroclor-1232	ND	40.0	ug/kg wet				70-130			
Aroclor-1242	317	40.0	ug/kg wet	400.0		79	70-130			
Aroclor-1248	ND	40.0	ug/kg wet				70-130			
Aroclor-1254	ND	40.0	ug/kg wet				70-130			
Aroclor-1260	ND	40.0	ug/kg wet				70-130			
Aroclor-1262	ND	40.0	ug/kg wet				70-130			
Aroclor-1268	ND	40.0	ug/kg wet				70-130			
Surrogate: Tetrachloro-m-xylene	*30.5*		ug/kg wet	*40.00*		*76*	*40-150*			
Surrogate: Decachlorobiphenyl	*21.0*		ug/kg wet	*40.00*		*52*	*40-150*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0205 - 3540-GC(Soxhlet) ClPestPCB										
LCS (BIJ0205-BS2)				Prepared: 10/08/25 Analyzed: 10/09/25						
Aroclor-1016	ND	40.0	ug/kg wet				70-130			
Aroclor-1221	ND	40.0	ug/kg wet				70-130			
Aroclor-1232	ND	40.0	ug/kg wet				70-130			
Aroclor-1242	366	40.0	ug/kg wet	400.0		92	70-130			
Aroclor-1248	ND	40.0	ug/kg wet				70-130			
Aroclor-1254	ND	40.0	ug/kg wet				70-130			
Aroclor-1260	ND	40.0	ug/kg wet				70-130			
Aroclor-1262	ND	40.0	ug/kg wet				70-130			
Aroclor-1268	ND	40.0	ug/kg wet				70-130			
Surrogate: Tetrachloro-m-xylene	*36.0*		ug/kg wet	*40.00*		*90*	*40-150*			
Surrogate: Decachlorobiphenyl	*30.6*		ug/kg wet	*40.00*		*77*	*40-150*			
Duplicate (BIJ0205-DUP1)		**Source: 5100724-21**		Prepared: 10/08/25 Analyzed: 10/09/25						
Aroclor-1016	ND	43.9	ug/kg dry		ND				20	
Aroclor-1221	ND	43.9	ug/kg dry		ND				20	
Aroclor-1232	ND	43.9	ug/kg dry		ND				20	
Aroclor-1242	ND	43.9	ug/kg dry		ND				20	
Aroclor-1248	ND	43.9	ug/kg dry		ND				20	
Aroclor-1254	ND	43.9	ug/kg dry		ND				20	
Aroclor-1260	ND	43.9	ug/kg dry		ND				20	
Aroclor-1262	ND	43.9	ug/kg dry		ND				20	
Aroclor-1268	ND	43.9	ug/kg dry		ND				20	
Surrogate: Tetrachloro-m-xylene	*43.1*		ug/kg dry	*43.88*		*98*	*40-150*			
Surrogate: Decachlorobiphenyl	*27.9*		ug/kg dry	*43.88*		*63*	*40-150*			
Matrix Spike (BIJ0205-MS1)		**Source: 5100724-21**		Prepared: 10/08/25 Analyzed: 10/09/25						
Aroclor-1016	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1221	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1232	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1242	432	43.9	ug/kg dry	438.8	ND	98	50-150			
Aroclor-1248	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1254	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1260	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1262	ND	43.9	ug/kg dry		ND		50-150			
Aroclor-1268	ND	43.9	ug/kg dry		ND		50-150			
Surrogate: Tetrachloro-m-xylene	*44.1*		ug/kg dry	*43.88*		*101*	*40-150*			
Surrogate: Decachlorobiphenyl	*29.5*		ug/kg dry	*43.88*		*67*	*40-150*			

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

POLYCHLORINATED BIPHENYLS BY EPA 8082A (GC/ECD) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0235 - 3540-GC(Soxhlet) ClPestPCB										
Blank (BIJ0235-BLK1)				Prepared: 10/09/25 Analyzed: 10/10/25						
Aroclor-1016	ND	40.0	ug/kg wet							
Aroclor-1221	ND	40.0	ug/kg wet							
Aroclor-1232	ND	40.0	ug/kg wet							
Aroclor-1242	ND	40.0	ug/kg wet							
Aroclor-1248	ND	40.0	ug/kg wet							
Aroclor-1254	ND	40.0	ug/kg wet							
Aroclor-1260	ND	40.0	ug/kg wet							
Aroclor-1262	ND	40.0	ug/kg wet							
Aroclor-1268	ND	40.0	ug/kg wet							
Surrogate: Tetrachloro-m-xylene	*35.0*		ug/kg wet	*40.00*		*88*	*40-150*			
Surrogate: Decachlorobiphenyl	*25.6*		ug/kg wet	*40.00*		*64*	*40-150*			
LCS (BIJ0235-BS2)				Prepared: 10/09/25 Analyzed: 10/10/25						
Aroclor-1016	ND	40.0	ug/kg wet				70-130			
Aroclor-1221	ND	40.0	ug/kg wet				70-130			
Aroclor-1232	ND	40.0	ug/kg wet				70-130			
Aroclor-1242	ND	40.0	ug/kg wet				70-130			
Aroclor-1248	ND	40.0	ug/kg wet				70-130			
Aroclor-1254	353	40.0	ug/kg wet	400.0		88	70-130			
Aroclor-1260	ND	40.0	ug/kg wet				70-130			
Aroclor-1262	ND	40.0	ug/kg wet				70-130			
Aroclor-1268	ND	40.0	ug/kg wet				70-130			
Surrogate: Tetrachloro-m-xylene	*39.8*		ug/kg wet	*40.00*		*100*	*40-150*			
Surrogate: Decachlorobiphenyl	*26.7*		ug/kg wet	*40.00*		*67*	*40-150*			

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0179 - 3050B-Metals Digestion										
Blank (BIJ0179-BLK1)				Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	ND	0.250	mg/kg wet							
Arsenic	ND	0.250	mg/kg wet							
Beryllium	ND	0.250	mg/kg wet							
Cadmium	ND	0.250	mg/kg wet							
Chromium	ND	0.250	mg/kg wet							
Copper	ND	0.250	mg/kg wet							
Lead	ND	0.250	mg/kg wet							
Mercury	ND	0.0125	mg/kg wet							
Nickel	ND	0.250	mg/kg wet							
Selenium	ND	0.250	mg/kg wet							
Silver	ND	0.250	mg/kg wet							
Thallium	ND	0.250	mg/kg wet							
Zinc	ND	1.25	mg/kg wet							
Blank (BIJ0179-BLK2)				Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	ND	0.250	mg/kg wet							
Arsenic	ND	0.250	mg/kg wet							
Beryllium	ND	0.250	mg/kg wet							
Cadmium	ND	0.250	mg/kg wet							
Chromium	ND	0.250	mg/kg wet							
Copper	ND	0.250	mg/kg wet							
Lead	ND	0.250	mg/kg wet							
Mercury	ND	0.0125	mg/kg wet							
Nickel	ND	0.250	mg/kg wet							
Selenium	ND	0.250	mg/kg wet							
Silver	ND	0.250	mg/kg wet							
Thallium	ND	0.250	mg/kg wet							
Zinc	ND	1.25	mg/kg wet							

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0179 - 3050B-Metals Digestion										
LCS (BIJ0179-BS1)				Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	1.05	0.250	mg/kg wet	1.250		84	80-120			
Arsenic	1.08	0.250	mg/kg wet	1.250		86	80-120			
Beryllium	1.03	0.250	mg/kg wet	1.250		82	80-120			
Cadmium	1.09	0.250	mg/kg wet	1.250		87	80-120			
Chromium	1.11	0.250	mg/kg wet	1.250		89	80-120			
Copper	1.14	0.250	mg/kg wet	1.250		92	80-120			
Lead	1.02	0.250	mg/kg wet	1.250		82	80-120			
Mercury	0.0556	0.0125	mg/kg wet	0.06250		89	80-120			
Nickel	1.12	0.250	mg/kg wet	1.250		89	80-120			
Selenium	1.26	0.250	mg/kg wet	1.250		100	80-120			
Silver	1.13	0.250	mg/kg wet	1.250		90	80-120			
Thallium	1.09	0.250	mg/kg wet	1.250		87	80-120			
Zinc	2.44	1.25	mg/kg wet	2.500		98	80-120			
LCS (BIJ0179-BS2)				Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	1.05	0.250	mg/kg wet	1.250		84	80-120			
Arsenic	1.16	0.250	mg/kg wet	1.250		93	80-120			
Beryllium	1.02	0.250	mg/kg wet	1.250		82	80-120			
Cadmium	1.15	0.250	mg/kg wet	1.250		92	80-120			
Chromium	1.14	0.250	mg/kg wet	1.250		91	80-120			
Copper	1.20	0.250	mg/kg wet	1.250		96	80-120			
Lead	1.07	0.250	mg/kg wet	1.250		85	80-120			
Mercury	0.0589	0.0125	mg/kg wet	0.06250		94	80-120			
Nickel	1.14	0.250	mg/kg wet	1.250		91	80-120			
Selenium	1.21	0.250	mg/kg wet	1.250		97	80-120			
Silver	1.17	0.250	mg/kg wet	1.250		94	80-120			
Thallium	1.14	0.250	mg/kg wet	1.250		91	80-120			
Zinc	2.38	1.25	mg/kg wet	2.500		95	80-120			

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Analytical Results

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Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0179 - 3050B-Metals Digestion										
Duplicate (BIJ0179-DUP1)		**Source: 5100724-01**		Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	ND	0.285	mg/kg dry		ND				20	
Arsenic	2.48	0.285	mg/kg dry		2.15			15	20	
Beryllium	0.651	0.285	mg/kg dry		0.667			2	20	
Cadmium	ND	0.285	mg/kg dry		ND				20	
Chromium	25.8	0.285	mg/kg dry		25.5			0.9	20	
Copper	9.15	0.285	mg/kg dry		8.62			6	20	
Lead	11.4	0.285	mg/kg dry		11.1			3	20	
Mercury	0.0164	0.0142	mg/kg dry		ND				20	
Nickel	20.9	0.285	mg/kg dry		22.0			5	20	
Selenium	3.51	0.285	mg/kg dry		4.78			31	20	QM-06
Silver	ND	0.285	mg/kg dry		ND				20	
Thallium	ND	0.285	mg/kg dry		ND				20	
Zinc	50.6	1.42	mg/kg dry		52.4			4	20	
Duplicate (BIJ0179-DUP2)		**Source: 5100724-17**		Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	ND	0.282	mg/kg dry		ND				20	
Arsenic	1.74	0.282	mg/kg dry		1.70			3	20	
Beryllium	0.773	0.282	mg/kg dry		0.837			8	20	
Cadmium	ND	0.282	mg/kg dry		ND				20	
Chromium	25.6	0.282	mg/kg dry		27.3			6	20	
Copper	8.35	0.282	mg/kg dry		8.41			0.7	20	
Lead	9.27	0.282	mg/kg dry		9.43			2	20	
Mercury	ND	0.0141	mg/kg dry		ND				20	
Nickel	23.0	0.282	mg/kg dry		23.8			4	20	
Selenium	4.55	0.282	mg/kg dry		5.19			13	20	
Silver	ND	0.282	mg/kg dry		ND				20	
Thallium	ND	0.282	mg/kg dry		ND				20	
Zinc	52.3	1.41	mg/kg dry		55.4			6	20	

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIJ0179 - 3050B-Metals Digestion										
Matrix Spike (BIJ0179-MS1)		**Source: 5100724-01**		Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	1.49	0.285	mg/kg dry	2.846	ND	52	75-125			QM-06
Arsenic	4.89	0.285	mg/kg dry	2.846	2.15	96	75-125			
Beryllium	3.31	0.285	mg/kg dry	2.846	0.667	93	75-125			
Cadmium	2.71	0.285	mg/kg dry	2.846	ND	95	75-125			
Chromium	29.5	0.285	mg/kg dry	2.846	25.5	138	75-125			QM-4X
Copper	11.8	0.285	mg/kg dry	2.846	8.62	113	75-125			
Lead	13.3	0.285	mg/kg dry	2.846	11.1	78	75-125			
Mercury	0.145	0.0142	mg/kg dry	0.1423	ND	102	75-125			
Nickel	25.3	0.285	mg/kg dry	2.846	22.0	114	75-125			
Selenium	6.25	0.285	mg/kg dry	2.846	4.78	51	75-125			QM-06
Silver	2.70	0.285	mg/kg dry	2.846	ND	95	75-125			
Thallium	2.87	0.285	mg/kg dry	2.846	ND	101	75-125			
Zinc	58.9	1.42	mg/kg dry	5.692	52.4	113	75-125			
Matrix Spike (BIJ0179-MS2)		**Source: 5100724-17**		Prepared: 10/07/25 Analyzed: 10/08/25						
Antimony	1.49	0.282	mg/kg dry	2.818	ND	53	75-125			QM-06
Arsenic	4.27	0.282	mg/kg dry	2.818	1.70	91	75-125			
Beryllium	3.40	0.282	mg/kg dry	2.818	0.837	91	75-125			
Cadmium	2.59	0.282	mg/kg dry	2.818	ND	92	75-125			
Chromium	30.5	0.282	mg/kg dry	2.818	27.3	114	75-125			
Copper	12.1	0.282	mg/kg dry	2.818	8.41	132	75-125			QM-4X
Lead	13.8	0.282	mg/kg dry	2.818	9.43	157	75-125			QM-4X
Mercury	0.135	0.0141	mg/kg dry	0.1409	ND	96	75-125			
Nickel	28.7	0.282	mg/kg dry	2.818	23.8	173	75-125			QM-4X
Selenium	7.21	0.282	mg/kg dry	2.818	5.19	71	75-125			QM-06
Silver	2.60	0.282	mg/kg dry	2.818	ND	92	75-125			
Thallium	2.76	0.282	mg/kg dry	2.818	ND	98	75-125			
Zinc	62.9	1.41	mg/kg dry	5.636	55.4	133	75-125			QM-4X

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Will Brewington, President

All analyses performed at Maryland Spectral Services included in the report are TNI certified except as indicated at the end of the report.

Analytical Results

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Project: BAUXITE I

Project Number: 47:22410

Project Manager: Erik Schaberl

Reported:

10/10/25 15:00

Maryland Spectral Services does not maintain certification for the following analytical parameters:

Maryland Spectral Services

Matrix , Method , Analyte

Soil | 8270 (PAH)2ppb | 1-Methylnaphthalene

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Analytical Results

Project: BAUXITE I

Project Number: 47:22410
Project Manager: Erik Schaberl

Reported:
10/10/25 15:00

Notes and Definitions

S-98	Spike recovery of this analyte is outside established laboratory control limits. Sample results may exhibit a bias.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM-06	Due to non-homogeneity of the QC sample matrix, the MS/MSD or MS/DUP did not provide reliable results for accuracy and precision. Sample results for the QC batch were accepted based on LCS percent recoveries.
L	Analyte is a possible laboratory contaminant
J	Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
IS-06	Internal standard area outside control limits due to sample matrix effect as confirmed by reanalysis.
RE	Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
ND	Analyte NOT DETECTED at or above the detection limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
%-Solids	Percent Solids is a supportive test and as such does not require accredidation

If this report contains any samples analyzed for gasoline range organics (GRO) by EPA Method 8015C and no trip blank was shipped, stored, and received with the sample(s) as required by Section 3.1 of the EPA Method, the sample analysis contained in this report cannot exclude the possibility that any reportable GRO measurement was due to environmental contamination of the sample during shipping or storage.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Will Brewington, President

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CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 * Fax 410-247-7602
reporting@mdspectral.com

Matrix Codes: NPW - non-potable water
DW - drinking water

Company Name: ECS - FREDERICK	Project Manager: ERIN SCHABERL
Project Name: BAUXITE I	Project ID: 47:22410
Sampler(s): ESS + SB	P.O. Number: 47:22410 -82
State of Origin: MD	

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	PCBs 8082	PP Metals 6010	PAHs 8270	TPH - DRO/GRO 8015	VOCs 8260				Preservative	Field Notes	MSS Lab ID
OU-1	10/7/25	1005			X			X	1	X	X	X								5100724-01 A
OU-2		1010																		-02
OU-3		1015																		-03
OU-4		1020																		-04
OU-5		1025																		-05
OU-6		1030																		-06
OU-7		1040																		-07
OU-8		1050																		-08
OU-9		1055																		-09
OU-10		1100																		-10

Relinquished by: (Signature)	Date /Time 10/7/25 13:15	Relinquished by: (Signature)	
(Printed) Erin Schaberl		(Printed)	
Relinquished by: (Signature)	Date /Time 10-7-25 16:07	Received by lab: (Signature)	
(Printed)		(Printed) Lori Foster	

Special Instructions / QC Requirements & Comments:
results: emailed Sbrown1@ecslimited.com + eschaberl@ecslimited.com

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
- ☐ Other _____

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☐ 3 day
- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use: 0.1
Temp: 4.8 °C
- ☑ Received on Ice
- ☑ Received Same Day
- ☑ T-41 ☐ T-45

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for __ days

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Matrix Codes: NPW - non-potable water
DW - drinking water

Company Name: ECS - FREDERICK

Project Manager: ERIN SCHNEIDER

Project Name: BAUXITE I

Project ID: 47:22410

Sampler(s): ESS + SB

P.O. Number: 47:22410 -82

State of Origin: MD

Analysis Requested: 8082 PCBs; 6010 8 METALS; 8270 PAHs; 8015 TPH - DRO/GRO; 8260 VOCs

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	8082 PCBs	6010 8 METALS	8270 PAHs	8015 TPH - DRO/GRO	8260 VOCs				Preservative	Field Notes	MSS Lab ID
OU-11	10/7/25	1100			X			X	1	X	X	X								5100724-11 A
OU-12		1110																		-12
OU-13		1120																		-13
OU-14		1125																		-14
OU-15		1130																		-15
OU-16		1140																		-16
OU-17		1145																		-17
OU-18		1150																		-18
OU-19		1155																		-19
OU-20		1200																		-20

Relinquished by: *(Signature)* [signature]
(Printed) ERIN SCHNEIDER
Date /Time 10/7/25

Relinquished by: *(Signature)*
(Printed)

Relinquished by: *(Signature)*
(Printed)
Date /Time 10-7-25 16:07

Received by lab: *(Signature)* [signature]
(Printed) Lori Foster

Special Instructions / QC Requirements & Comments:

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
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- ☐ 5 day
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- ☐ 3 day
- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 4.8 - 0.1 °C
- ☑ Received on Ice
- ☑ Received Same Day
- ☑ T-41 ☐ T-45

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Matrix Codes: NPW - non-potable water
DW - drinking water

Company Name: ECS - FREDERICK

Project Manager: ERIN SCHABERL

Project Name: BAUXITE I

Project ID: 47:22410

Sampler(s): ESS +SB

P.O. Number: 47:22410 -82

State of Origin: MD

Analysis Requested: 8082 PCBs; 6010 RP Metals; 8270 SVOCs; 8015 TPH - DRO/GRO; 8260 VOCs

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	8082 PCBs	6010 RP Metals	8270 SVOCs	8015 TPH - DRO/GRO	8260 VOCs				Preservative	Field Notes	MSS Lab ID
OU-21	10/7/25	1230			X			X		X	X	X								5100724-21 A
OU-22		1240																		-22
OU-23		1250																		-23
OU-24		1300																		-24
OU-25		1310																		-25
OU-26		1320																		-26
OU-27		1330																		-27
OU-28		1340																		-28
OU-29		1350																		-29
OU-30		1400																		-30

Relinquished by: *(Signature)* [signature] Date /Time 10/7/25
(Printed) ERIN SCHABERL

Relinquished by: *(Signature)* Date /Time
(Printed)

Relinquished by: *(Signature)* Date /Time 10-7-25 16:07
(Printed)

Received by lab: *(Signature)* [signature]
(Printed) Lori Foster

Special Instructions / QC Requirements & Comments:

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- ☐ 5 day
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- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
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- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 4.8 - 0.1 °C
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Sample Disposal:
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Matrix Codes: NPW - non-potable water
DW - drinking water

Company Name: ECS - FREDERICK

Project Manager: ERIN SCHAFER

Project Name: BAUXITE I

Project ID: 47:22410

Sampler(s): ESS +SB

P.O. Number: 47:22410 -82

State of Origin: MD

Analysis Requested: 8082 PCBs; 6010 8 METALS; 8270 PAHs; 8015 TPH - DRO/GRO; 8260 VOCs

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	8082 PCBs	6010 8 METALS	8270 PAHs	8015 TPH - DRO/GRO	8260 VOCs				Preservative	Field Notes	MSS Lab ID
OU-31	10/7/25	1410			X			X	1	X	X	X								5100724-31 A
OU-32		1420																		-32
OU-33		1430																		-33
OU-34		1440																		-34
OU-1G		1005					X						X	X						-35
OU-2G		1010																		-36
OU-3G		1015																		-37
OU-4G		1020																		-38
OU-5G		1025																		-39
OU-6G		1030																		-40

Relinquished by: (Signature) [signature]
(Printed) ERIN SCHAFER
Date /Time 10/7/25

Relinquished by: (Signature)
(Printed)

Relinquished by: (Signature)
(Printed)
Date /Time 10-7-25 16:07

Received by lab: (Signature) [signature]
(Printed) Lori Foster

Special Instructions / QC Requirements & Comments:

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
- ☐ Other _____

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☐ 3 day
- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 4.8 - 0.1 °C
- ☑ Received on Ice
- ☑ Received Same Day
- ☑ T-41 ☐ T-45

Sample Disposal:
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- ☐ Archive for __ days

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Matrix Codes: NPW - non-potable water
DW - drinking water

Company Name: ECS - FREDERICK	Project Manager: ERIN SCHABERL
Project Name: BAUXITE I	Project ID: 47:22410
Sampler(s): ESS + SB	P.O. Number: 47:22410 -82
State of Origin: MD	

Analysis Requested: PCBs 8082; PP Metals 6010; PAHs 8270; VOCs 8260

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	PCBs 8082	PP Metals 6010	PAHs 8270	VOCs 8260				Preservative	Field Notes	MSS Lab ID
OU-76	10/7/25	1040			X		X	X	1			X	X						5100724-41 A
OU-86		1050																	-42
OU-96		1055																	-43
OU-106		1100																	-44
OU-116		1105																	-45
OU-126		1110																	-46
OU-136		1120																	-47
OU-146		1125																	-48
OU-156		1130																	-49
OU-166		1140																	-50

Relinquished by: (Signature) [signature] (Printed) ERIN SCHABERL	Date /Time 10/7/25	Relinquished by: (Signature) (Printed)
Relinquished by: (Signature) (Printed)	Date /Time 10-7-25 16:07	Received by lab: (Signature) [signature] (Printed) Lori Foster

Special Instructions / QC Requirements & Comments:

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
- ☐ Other _____

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☐ 3 day
- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 4.8 - 0.1 °C
- ☒ Received on Ice
- ☒ Received Same Day
- ☒ T-41 ☐ T-45

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for __ days

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Matrix Codes: NPW - non-potable water
DW - drinking water

Company Name: ECS - FREDERICK	Project Manager: ERIN SCHUBERL
Project Name: BAUXITE I	Project ID: 47:22410
Sampler(s): ESS + SB	P.O. Number: 47:22410 -82
State of Origin: MD	

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	PCBs 8082	RP METALS 6010	MAHs 8270	TPH - DRO/GRO 8015	VOCs 8260				Preservative	Field Notes	MSS Lab ID
OU-17G	10/7/25	1145			X		X	X	1				X	X						5100724-51 A
OU-18G		1150																		-52
OU-19G		1155																		-53
OU-20G		1200																		-54
OU-21G		1230																		-55
OU-22G		1240																		-56
OU-23G		1250																		-57
OU-24G		1300																		-58
OU-25G		1310																		-59
OU-26G		1320																		-60

Relinquished by: (Signature)	Date /Time 10/7/25	Relinquished by: (Signature)	
(Printed) Erin Schubert		(Printed)	
Relinquished by: (Signature)	Date /Time 10-7-25 16:07	Received by lab: (Signature)	
(Printed)		(Printed) Lori Foster	

Special Instructions / QC Requirements & Comments:

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
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Turn Around Time:
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- ☐ 5 day
- ☐ 4 day
- ☐ 3 day
- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use: 0.1
Temp: 4.8 °C
- ☑ Received on Ice
- ☑ Received Same Day
- ☑ T-41 ☐ T-45

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for __ days

Company Name:	Project Manager:
ECS - FREDERICK	ERIN SCHAFER
Project Name: BAUXITE I	Project ID: 47:22410
Sampler(s): ESS +SB	P.O. Number: 47:22410 -82
State of Origin: MD	

Analysis Requested: 8082 PCBs; 6010 RP Metals; 8270 PAHs; 8015 TPH - DRO/GRO; 8260 VOCs

CHAIN-OF-CUSTODY RECORD

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410-247-7600 * Fax 410-247-7602
reporting@mdspectral.com

Matrix Codes: NPW - non-potable water; DW - drinking water

Field Sample ID:	Date	Time	DW	NPW	Soil	Other	Grab	Composite	# of containers	Preservative	Field Notes	MSS Lab ID
OU-27U	10/2/25	1320			X		X	X	1			5100724-61 A
OU-28U		1340										-62
OU-29U		1350										-63
OU-30U		1400										-64
OU-31U		1410										-65
OU-32U		1420										-66
OU-33U		1430										-67
OU-34U		1440										-68

Relinquished by: (Signature)	Date /Time	Relinquished by: (Signature)
(Printed) ERIK SCHAFER	10/2/25	(Printed)
Relinquished by: (Signature)	Date /Time 10-7-25 16:07	Received by lab: (Signature)
(Printed)		(Printed) Lori Foster

Special Instructions / QC Requirements & Comments:

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
- ☐ Other _____

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☐ 3 day
- ☒ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☒ Courier
- ☐ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 4.8 - 0.1 °C
- ☑ Received on Ice
- ☑ Received Same Day
- ☑ T-41 ☐ T-45

Sample Disposal:
- ☐ Return to Client
- ☐ Disposal by lab
- ☐ Archive for __ days