

Attachment 2
STOCKPILE SOIL COMPOSITE SAMPLE ANALYTICAL RESULTS



Date of Report: 02/23/2021

Gregory George

RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Client Project: [none]
BCL Project: Dunphy Park
BCL Work Order: 2037761
Invoice ID: B403363, B404927

Enclosed are the results of analyses for samples received by the laboratory on 12/24/2020. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001122208

Sincerely,

Contact Person: Natalie Serda
Client Service Rep

Stuart Buttram
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

Sample Receipt

COC Number:

Samples received refrigerated to 4.8 °C



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Petaluma, CA 94954

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Project Number: [none]
Project Manager: Gregory George

Case Narrative

Sample List

<u>Lab Number</u>	<u>Date/Time Sampled</u>	<u>Sample Name</u>
2037761-01	12/23/2020 00:00	A2 (4:1 Composite)
2037761-02	12/23/2020 00:00	A1 (4:1 Composite)
2037761-03	12/23/2020 00:00	A3 (4:1 Composite)
2037761-04	12/23/2020 00:00	B1(4:1 Composite)
2037761-05	12/23/2020 00:00	C1(4:1 Composite)
2037761-06	12/23/2020 00:00	D1 (4:1 Composite)
2037761-07	12/23/2020 00:00	E1 (4:1 Composite)
2037761-08	12/23/2020 00:00	E2 (4:1 Composite)
2037761-09	12/23/2020 00:00	E3 (4:1 Composite)
2037761-10	12/23/2020 09:04	A2-1
2037761-11	12/23/2020 09:09	A2-3
2037761-12	12/23/2020 09:15	A2-4
2037761-13	12/23/2020 09:19	A2-6
2037761-14	12/23/2020 09:40	A1-1
2037761-15	12/23/2020 09:44	A1-2.5
2037761-16	12/23/2020 09:49	A1-4
2037761-17	12/23/2020 09:53	A1-5
2037761-18	12/23/2020 10:10	A3-1
2037761-19	12/23/2020 10:14	A3-3
2037761-20	12/23/2020 10:18	A3-5
2037761-21	12/23/2020 10:23	A3-6
2037761-22	12/23/2020 10:35	B1-1
2037761-23	12/23/2020 10:39	B1-2.5
2037761-24	12/23/2020 10:42	B1-5
2037761-25	12/23/2020 10:46	B1-6.5
2037761-26	12/23/2020 11:01	C1-1
2037761-27	12/23/2020 11:06	C1-3
2037761-28	12/23/2020 11:10	C1-4
2037761-29	12/23/2020 11:14	C1-6
2037761-30	12/23/2020 11:31	D1-1
2037761-31	12/23/2020 11:36	D1-2
2037761-32	12/23/2020 11:40	D1-4
2037761-33	12/23/2020 11:44	D1-5.5
2037761-34	12/23/2020 12:01	E1-1
2037761-35	12/23/2020 12:06	E1-2.5
2037761-36	12/23/2020 12:11	E1-4
2037761-37	12/23/2020 12:15	E1-5.5
2037761-38	12/23/2020 13:10	E2-1
2037761-39	12/23/2020 13:15	E2-2
2037761-40	12/23/2020 13:19	E2-3
2037761-41	12/23/2020 13:23	E2-4.5
2037761-42	12/23/2020 13:55	E3-1

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Case Narrative

Sample List

<u>Lab Number</u>	<u>Date/Time Sampled</u>	<u>Sample Name</u>
2037761-43	12/23/2020 14:01	E3-3
2037761-44	12/23/2020 14:07	E3-4
2037761-45	12/23/2020 14:13	E3-5.5

Requested Analysis

EPA-6010B (STLC), EPA-6010B (TCLP), EPA-6010B (TTLC), EPA-7471A (TTLC), EPA-8015B/FFP, EPA-8081A, EPA-8082, EPA-8151A, EPA-8260B, EPA-8270C

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
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Case Narrative

<u>Sample</u>		<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary			
2037761-01	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-01	EPA-8081A	Aldrin	A10
2037761-01	EPA-8081A	alpha-BHC	A10
2037761-01	EPA-8081A	beta-BHC	A10
2037761-01	EPA-8081A	delta-BHC	A10
2037761-01	EPA-8081A	gamma-BHC (Lindane)	A10
2037761-01	EPA-8081A	Chlordane (Technical)	A10
2037761-01	EPA-8081A	4,4'-DDD	A10
2037761-01	EPA-8081A	4,4'-DDE	A10
2037761-01	EPA-8081A	4,4'-DDT	A10
2037761-01	EPA-8081A	Dieldrin	A10
2037761-01	EPA-8081A	Endosulfan I	A10
2037761-01	EPA-8081A	Endosulfan II	A10
2037761-01	EPA-8081A	Endosulfan sulfate	A10
2037761-01	EPA-8081A	Endrin	A10
2037761-01	EPA-8081A	Endrin aldehyde	A10
2037761-01	EPA-8081A	Heptachlor	A10
2037761-01	EPA-8081A	Heptachlor epoxide	A10
2037761-01	EPA-8081A	Methoxychlor	A10
2037761-01	EPA-8081A	Toxaphene	A10
2037761-01	EPA-8081A	TCMX (Surrogate)	A10
2037761-01	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037761-01	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2037761-02	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-02	EPA-8081A	Aldrin	A10
2037761-02	EPA-8081A	alpha-BHC	A10
2037761-02	EPA-8081A	beta-BHC	A10
2037761-02	EPA-8081A	delta-BHC	A10
2037761-02	EPA-8081A	gamma-BHC (Lindane)	A10
2037761-02	EPA-8081A	Chlordane (Technical)	A10
2037761-02	EPA-8081A	4,4'-DDD	A10
2037761-02	EPA-8081A	4,4'-DDE	A10
2037761-02	EPA-8081A	4,4'-DDT	A10
2037761-02	EPA-8081A	Dieldrin	A10
2037761-02	EPA-8081A	Endosulfan I	A10
2037761-02	EPA-8081A	Endosulfan II	A10
2037761-02	EPA-8081A	Endosulfan sulfate	A10
2037761-02	EPA-8081A	Endrin	A10
2037761-02	EPA-8081A	Endrin aldehyde	A10

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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-02	EPA-8081A	Heptachlor	A10
2037761-02	EPA-8081A	Heptachlor epoxide	A10
2037761-02	EPA-8081A	Methoxychlor	A10
2037761-02	EPA-8081A	Toxaphene	A10
2037761-02	EPA-8081A	TCMX (Surrogate)	A10
2037761-02	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037761-03	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-03	EPA-8081A	Aldrin	A10
2037761-03	EPA-8081A	alpha-BHC	A10
2037761-03	EPA-8081A	beta-BHC	A10
2037761-03	EPA-8081A	delta-BHC	A10
2037761-03	EPA-8081A	gamma-BHC (Lindane)	A10
2037761-03	EPA-8081A	Chlordane (Technical)	A10
2037761-03	EPA-8081A	4,4'-DDD	A10
2037761-03	EPA-8081A	4,4'-DDE	A10
2037761-03	EPA-8081A	4,4'-DDT	A10
2037761-03	EPA-8081A	Dieldrin	A10
2037761-03	EPA-8081A	Endosulfan I	A10
2037761-03	EPA-8081A	Endosulfan II	A10
2037761-03	EPA-8081A	Endosulfan sulfate	A10
2037761-03	EPA-8081A	Endrin	A10
2037761-03	EPA-8081A	Endrin aldehyde	A10
2037761-03	EPA-8081A	Heptachlor	A10
2037761-03	EPA-8081A	Heptachlor epoxide	A10
2037761-03	EPA-8081A	Methoxychlor	A10
2037761-03	EPA-8081A	Toxaphene	A10
2037761-03	EPA-8081A	TCMX (Surrogate)	A10
2037761-03	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037761-03	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037761-03	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	A20
2037761-03	EPA-8270C	Acenaphthene	A10
2037761-03	EPA-8270C	Acenaphthylene	A10
2037761-03	EPA-8270C	Aldrin	A10
2037761-03	EPA-8270C	Aniline	A10
2037761-03	EPA-8270C	Anthracene	A10
2037761-03	EPA-8270C	Benzidine	A10
2037761-03	EPA-8270C	Benzo[a]anthracene	A10
2037761-03	EPA-8270C	Benzo[b]fluoranthene	A10
2037761-03	EPA-8270C	Benzo[k]fluoranthene	A10

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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-03	EPA-8270C	Benzo[a]pyrene	A10
2037761-03	EPA-8270C	Benzo[g,h,i]perylene	A10
2037761-03	EPA-8270C	Benzoic acid	A10
2037761-03	EPA-8270C	Benzyl alcohol	A10
2037761-03	EPA-8270C	Benzyl butyl phthalate	A10
2037761-03	EPA-8270C	alpha-BHC	A10
2037761-03	EPA-8270C	beta-BHC	A10
2037761-03	EPA-8270C	delta-BHC	A10
2037761-03	EPA-8270C	gamma-BHC (Lindane)	A10
2037761-03	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037761-03	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037761-03	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037761-03	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037761-03	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037761-03	EPA-8270C	4-Chloroaniline	A10
2037761-03	EPA-8270C	2-Chloronaphthalene	A10
2037761-03	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037761-03	EPA-8270C	Chrysene	A10
2037761-03	EPA-8270C	4,4'-DDD	A10
2037761-03	EPA-8270C	4,4'-DDE	A10
2037761-03	EPA-8270C	4,4'-DDT	A10
2037761-03	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037761-03	EPA-8270C	Dibenzofuran	A10
2037761-03	EPA-8270C	1,2-Dichlorobenzene	A10
2037761-03	EPA-8270C	1,3-Dichlorobenzene	A10
2037761-03	EPA-8270C	1,4-Dichlorobenzene	A10
2037761-03	EPA-8270C	3,3-Dichlorobenzidine	A10
2037761-03	EPA-8270C	Dieldrin	A10
2037761-03	EPA-8270C	Diethyl phthalate	A10
2037761-03	EPA-8270C	Dimethyl phthalate	A10
2037761-03	EPA-8270C	Di-n-butyl phthalate	A10
2037761-03	EPA-8270C	2,4-Dinitrotoluene	A10
2037761-03	EPA-8270C	2,6-Dinitrotoluene	A10
2037761-03	EPA-8270C	Di-n-octyl phthalate	A10
2037761-03	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-03	EPA-8270C	Endosulfan I	A10
2037761-03	EPA-8270C	Endosulfan II	A10
2037761-03	EPA-8270C	Endosulfan sulfate	A10
2037761-03	EPA-8270C	Endrin	A10

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-03	EPA-8270C	Endrin aldehyde	A10
2037761-03	EPA-8270C	Fluoranthene	A10
2037761-03	EPA-8270C	Fluorene	A10
2037761-03	EPA-8270C	Heptachlor	A10
2037761-03	EPA-8270C	Heptachlor epoxide	A10
2037761-03	EPA-8270C	Hexachlorobenzene	A10
2037761-03	EPA-8270C	Hexachlorobutadiene	A10
2037761-03	EPA-8270C	Hexachlorocyclopentadiene	A10
2037761-03	EPA-8270C	Hexachloroethane	A10
2037761-03	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037761-03	EPA-8270C	Isophorone	A10
2037761-03	EPA-8270C	2-Methylnaphthalene	A10
2037761-03	EPA-8270C	Naphthalene	A10
2037761-03	EPA-8270C	2-Naphthylamine	A10
2037761-03	EPA-8270C	2-Nitroaniline	A10
2037761-03	EPA-8270C	3-Nitroaniline	A10
2037761-03	EPA-8270C	4-Nitroaniline	A10
2037761-03	EPA-8270C	Nitrobenzene	A10
2037761-03	EPA-8270C	N-Nitrosodimethylamine	A10
2037761-03	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037761-03	EPA-8270C	N-Nitrosodiphenylamine	A10
2037761-03	EPA-8270C	Phenanthrene	A10
2037761-03	EPA-8270C	Pyrene	A10
2037761-03	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037761-03	EPA-8270C	4-Chloro-3-methylphenol	A10
2037761-03	EPA-8270C	2-Chlorophenol	A10
2037761-03	EPA-8270C	2,4-Dichlorophenol	A10
2037761-03	EPA-8270C	2,4-Dimethylphenol	A10
2037761-03	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037761-03	EPA-8270C	2,4-Dinitrophenol	A10
2037761-03	EPA-8270C	2-Methylphenol	A10
2037761-03	EPA-8270C	3- & 4-Methylphenol	A10
2037761-03	EPA-8270C	2-Nitrophenol	A10
2037761-03	EPA-8270C	4-Nitrophenol	A10
2037761-03	EPA-8270C	Pentachlorophenol	A10
2037761-03	EPA-8270C	Phenol	A10
2037761-03	EPA-8270C	2,4,5-Trichlorophenol	A10
2037761-03	EPA-8270C	2,4,6-Trichlorophenol	A10
2037761-03	EPA-8270C	2-Fluorophenol (Surrogate)	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037761-03	EPA-8270C Phenol-d5 (Surrogate)	A10
2037761-03	EPA-8270C Nitrobenzene-d5 (Surrogate)	A10
2037761-03	EPA-8270C 2-Fluorobiphenyl (Surrogate)	A10
2037761-03	EPA-8270C 2,4,6-Tribromophenol (Surrogate)	A10
2037761-03	EPA-8270C 2,4,6-Tribromophenol (Surrogate)	S09
2037761-03	EPA-8270C p-Terphenyl-d14 (Surrogate)	A10
2037761-04	EPA-8015B/FFP TPH - Motor Oil	A57
2037761-04	EPA-8151A 2,4-Dichlorophenylacetic acid (Surrogate)	A20
2037761-04	EPA-8270C Acenaphthene	A10
2037761-04	EPA-8270C Acenaphthylene	A10
2037761-04	EPA-8270C Aldrin	A10
2037761-04	EPA-8270C Aniline	A10
2037761-04	EPA-8270C Anthracene	A10
2037761-04	EPA-8270C Benzidine	A10
2037761-04	EPA-8270C Benzo[a]anthracene	A10
2037761-04	EPA-8270C Benzo[b]fluoranthene	A10
2037761-04	EPA-8270C Benzo[k]fluoranthene	A10
2037761-04	EPA-8270C Benzo[a]pyrene	A10
2037761-04	EPA-8270C Benzo[g,h,i]perylene	A10
2037761-04	EPA-8270C Benzoic acid	A10
2037761-04	EPA-8270C Benzyl alcohol	A10
2037761-04	EPA-8270C Benzyl butyl phthalate	A10
2037761-04	EPA-8270C alpha-BHC	A10
2037761-04	EPA-8270C beta-BHC	A10
2037761-04	EPA-8270C delta-BHC	A10
2037761-04	EPA-8270C gamma-BHC (Lindane)	A10
2037761-04	EPA-8270C bis(2-Chloroethoxy)methane	A10
2037761-04	EPA-8270C bis(2-Chloroethyl) ether	A10
2037761-04	EPA-8270C bis(2-Chloroisopropyl)ether	A10
2037761-04	EPA-8270C bis(2-Ethylhexyl)phthalate	A10
2037761-04	EPA-8270C 4-Bromophenyl phenyl ether	A10
2037761-04	EPA-8270C 4-Chloroaniline	A10
2037761-04	EPA-8270C 2-Chloronaphthalene	A10
2037761-04	EPA-8270C 4-Chlorophenyl phenyl ether	A10
2037761-04	EPA-8270C Chrysene	A10
2037761-04	EPA-8270C 4,4'-DDD	A10
2037761-04	EPA-8270C 4,4'-DDE	A10
2037761-04	EPA-8270C 4,4'-DDT	A10
2037761-04	EPA-8270C Dibenzo[a,h]anthracene	A10

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-04	EPA-8270C	Dibenzofuran	A10
2037761-04	EPA-8270C	1,2-Dichlorobenzene	A10
2037761-04	EPA-8270C	1,3-Dichlorobenzene	A10
2037761-04	EPA-8270C	1,4-Dichlorobenzene	A10
2037761-04	EPA-8270C	3,3-Dichlorobenzidine	A10
2037761-04	EPA-8270C	Dieldrin	A10
2037761-04	EPA-8270C	Diethyl phthalate	A10
2037761-04	EPA-8270C	Dimethyl phthalate	A10
2037761-04	EPA-8270C	Di-n-butyl phthalate	A10
2037761-04	EPA-8270C	2,4-Dinitrotoluene	A10
2037761-04	EPA-8270C	2,6-Dinitrotoluene	A10
2037761-04	EPA-8270C	Di-n-octyl phthalate	A10
2037761-04	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-04	EPA-8270C	Endosulfan I	A10
2037761-04	EPA-8270C	Endosulfan II	A10
2037761-04	EPA-8270C	Endosulfan sulfate	A10
2037761-04	EPA-8270C	Endrin	A10
2037761-04	EPA-8270C	Endrin aldehyde	A10
2037761-04	EPA-8270C	Fluoranthene	A10
2037761-04	EPA-8270C	Fluorene	A10
2037761-04	EPA-8270C	Heptachlor	A10
2037761-04	EPA-8270C	Heptachlor epoxide	A10
2037761-04	EPA-8270C	Hexachlorobenzene	A10
2037761-04	EPA-8270C	Hexachlorobutadiene	A10
2037761-04	EPA-8270C	Hexachlorocyclopentadiene	A10
2037761-04	EPA-8270C	Hexachloroethane	A10
2037761-04	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037761-04	EPA-8270C	Isophorone	A10
2037761-04	EPA-8270C	2-Methylnaphthalene	A10
2037761-04	EPA-8270C	Naphthalene	A10
2037761-04	EPA-8270C	2-Naphthylamine	A10
2037761-04	EPA-8270C	2-Nitroaniline	A10
2037761-04	EPA-8270C	3-Nitroaniline	A10
2037761-04	EPA-8270C	4-Nitroaniline	A10
2037761-04	EPA-8270C	Nitrobenzene	A10
2037761-04	EPA-8270C	N-Nitrosodimethylamine	A10
2037761-04	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037761-04	EPA-8270C	N-Nitrosodiphenylamine	A10
2037761-04	EPA-8270C	Phenanthrene	A10

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Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-04	EPA-8270C	Pyrene	A10
2037761-04	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037761-04	EPA-8270C	4-Chloro-3-methylphenol	A10
2037761-04	EPA-8270C	2-Chlorophenol	A10
2037761-04	EPA-8270C	2,4-Dichlorophenol	A10
2037761-04	EPA-8270C	2,4-Dimethylphenol	A10
2037761-04	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037761-04	EPA-8270C	2,4-Dinitrophenol	A10
2037761-04	EPA-8270C	2-Methylphenol	A10
2037761-04	EPA-8270C	3- & 4-Methylphenol	A10
2037761-04	EPA-8270C	2-Nitrophenol	A10
2037761-04	EPA-8270C	4-Nitrophenol	A10
2037761-04	EPA-8270C	Pentachlorophenol	A10
2037761-04	EPA-8270C	Phenol	A10
2037761-04	EPA-8270C	2,4,5-Trichlorophenol	A10
2037761-04	EPA-8270C	2,4,6-Trichlorophenol	A10
2037761-04	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037761-04	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037761-04	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037761-04	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037761-04	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037761-04	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037761-05	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-05	EPA-8081A	Aldrin	A10
2037761-05	EPA-8081A	alpha-BHC	A10
2037761-05	EPA-8081A	beta-BHC	A10
2037761-05	EPA-8081A	delta-BHC	A10
2037761-05	EPA-8081A	gamma-BHC (Lindane)	A10
2037761-05	EPA-8081A	Chlordane (Technical)	A10
2037761-05	EPA-8081A	4,4'-DDD	A10
2037761-05	EPA-8081A	4,4'-DDE	A10
2037761-05	EPA-8081A	4,4'-DDT	A10
2037761-05	EPA-8081A	Dieldrin	A10
2037761-05	EPA-8081A	Endosulfan I	A10
2037761-05	EPA-8081A	Endosulfan II	A10
2037761-05	EPA-8081A	Endosulfan sulfate	A10
2037761-05	EPA-8081A	Endrin	A10
2037761-05	EPA-8081A	Endrin aldehyde	A10
2037761-05	EPA-8081A	Heptachlor	A10

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Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-05	EPA-8081A	Heptachlor epoxide	A10
2037761-05	EPA-8081A	Methoxychlor	A10
2037761-05	EPA-8081A	Toxaphene	A10
2037761-05	EPA-8081A	TCMX (Surrogate)	A10
2037761-05	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037761-05	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037761-05	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	A20
2037761-05	EPA-8270C	Acenaphthene	A10
2037761-05	EPA-8270C	Acenaphthylene	A10
2037761-05	EPA-8270C	Aldrin	A10
2037761-05	EPA-8270C	Aniline	A10
2037761-05	EPA-8270C	Anthracene	A10
2037761-05	EPA-8270C	Benzidine	A10
2037761-05	EPA-8270C	Benzo[a]anthracene	A10
2037761-05	EPA-8270C	Benzo[b]fluoranthene	A10
2037761-05	EPA-8270C	Benzo[k]fluoranthene	A10
2037761-05	EPA-8270C	Benzo[a]pyrene	A10
2037761-05	EPA-8270C	Benzo[g,h,i]perylene	A10
2037761-05	EPA-8270C	Benzoic acid	A10
2037761-05	EPA-8270C	Benzyl alcohol	A10
2037761-05	EPA-8270C	Benzyl butyl phthalate	A10
2037761-05	EPA-8270C	alpha-BHC	A10
2037761-05	EPA-8270C	beta-BHC	A10
2037761-05	EPA-8270C	delta-BHC	A10
2037761-05	EPA-8270C	gamma-BHC (Lindane)	A10
2037761-05	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037761-05	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037761-05	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037761-05	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037761-05	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037761-05	EPA-8270C	4-Chloroaniline	A10
2037761-05	EPA-8270C	2-Chloronaphthalene	A10
2037761-05	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037761-05	EPA-8270C	Chrysene	A10
2037761-05	EPA-8270C	4,4'-DDD	A10
2037761-05	EPA-8270C	4,4'-DDE	A10
2037761-05	EPA-8270C	4,4'-DDT	A10
2037761-05	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037761-05	EPA-8270C	Dibenzofuran	A10

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-05	EPA-8270C	1,2-Dichlorobenzene	A10
2037761-05	EPA-8270C	1,3-Dichlorobenzene	A10
2037761-05	EPA-8270C	1,4-Dichlorobenzene	A10
2037761-05	EPA-8270C	3,3-Dichlorobenzidine	A10
2037761-05	EPA-8270C	Dieldrin	A10
2037761-05	EPA-8270C	Diethyl phthalate	A10
2037761-05	EPA-8270C	Dimethyl phthalate	A10
2037761-05	EPA-8270C	Di-n-butyl phthalate	A10
2037761-05	EPA-8270C	2,4-Dinitrotoluene	A10
2037761-05	EPA-8270C	2,6-Dinitrotoluene	A10
2037761-05	EPA-8270C	Di-n-octyl phthalate	A10
2037761-05	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-05	EPA-8270C	Endosulfan I	A10
2037761-05	EPA-8270C	Endosulfan II	A10
2037761-05	EPA-8270C	Endosulfan sulfate	A10
2037761-05	EPA-8270C	Endrin	A10
2037761-05	EPA-8270C	Endrin aldehyde	A10
2037761-05	EPA-8270C	Fluoranthene	A10
2037761-05	EPA-8270C	Fluorene	A10
2037761-05	EPA-8270C	Heptachlor	A10
2037761-05	EPA-8270C	Heptachlor epoxide	A10
2037761-05	EPA-8270C	Hexachlorobenzene	A10
2037761-05	EPA-8270C	Hexachlorobutadiene	A10
2037761-05	EPA-8270C	Hexachlorocyclopentadiene	A10
2037761-05	EPA-8270C	Hexachloroethane	A10
2037761-05	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037761-05	EPA-8270C	Isophorone	A10
2037761-05	EPA-8270C	2-Methylnaphthalene	A10
2037761-05	EPA-8270C	Naphthalene	A10
2037761-05	EPA-8270C	2-Naphthylamine	A10
2037761-05	EPA-8270C	2-Nitroaniline	A10
2037761-05	EPA-8270C	3-Nitroaniline	A10
2037761-05	EPA-8270C	4-Nitroaniline	A10
2037761-05	EPA-8270C	Nitrobenzene	A10
2037761-05	EPA-8270C	N-Nitrosodimethylamine	A10
2037761-05	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037761-05	EPA-8270C	N-Nitrosodiphenylamine	A10
2037761-05	EPA-8270C	Phenanthrene	A10
2037761-05	EPA-8270C	Pyrene	A10

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Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-05	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037761-05	EPA-8270C	4-Chloro-3-methylphenol	A10
2037761-05	EPA-8270C	2-Chlorophenol	A10
2037761-05	EPA-8270C	2,4-Dichlorophenol	A10
2037761-05	EPA-8270C	2,4-Dimethylphenol	A10
2037761-05	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037761-05	EPA-8270C	2,4-Dinitrophenol	A10
2037761-05	EPA-8270C	2-Methylphenol	A10
2037761-05	EPA-8270C	3- & 4-Methylphenol	A10
2037761-05	EPA-8270C	2-Nitrophenol	A10
2037761-05	EPA-8270C	4-Nitrophenol	A10
2037761-05	EPA-8270C	Pentachlorophenol	A10
2037761-05	EPA-8270C	Phenol	A10
2037761-05	EPA-8270C	2,4,5-Trichlorophenol	A10
2037761-05	EPA-8270C	2,4,6-Trichlorophenol	A10
2037761-05	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037761-05	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037761-05	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037761-05	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037761-05	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037761-05	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037761-06	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-06	EPA-8081A	Aldrin	A10
2037761-06	EPA-8081A	alpha-BHC	A10
2037761-06	EPA-8081A	beta-BHC	A10
2037761-06	EPA-8081A	delta-BHC	A10
2037761-06	EPA-8081A	gamma-BHC (Lindane)	A10
2037761-06	EPA-8081A	Chlordane (Technical)	A10
2037761-06	EPA-8081A	4,4'-DDD	A10
2037761-06	EPA-8081A	4,4'-DDE	A10
2037761-06	EPA-8081A	4,4'-DDT	A10
2037761-06	EPA-8081A	Dieldrin	A10
2037761-06	EPA-8081A	Endosulfan I	A10
2037761-06	EPA-8081A	Endosulfan II	A10
2037761-06	EPA-8081A	Endosulfan sulfate	A10
2037761-06	EPA-8081A	Endrin	A10
2037761-06	EPA-8081A	Endrin aldehyde	A10
2037761-06	EPA-8081A	Heptachlor	A10
2037761-06	EPA-8081A	Heptachlor epoxide	A10

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Project: Dunphy Park
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Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-06	EPA-8081A	Methoxychlor	A10
2037761-06	EPA-8081A	Toxaphene	A10
2037761-06	EPA-8081A	TCMX (Surrogate)	A10
2037761-06	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037761-06	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037761-06	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	A20
2037761-06	EPA-8270C	Acenaphthene	A10
2037761-06	EPA-8270C	Acenaphthylene	A10
2037761-06	EPA-8270C	Aldrin	A10
2037761-06	EPA-8270C	Aniline	A10
2037761-06	EPA-8270C	Anthracene	A10
2037761-06	EPA-8270C	Benzidine	A10
2037761-06	EPA-8270C	Benzo[a]anthracene	A10
2037761-06	EPA-8270C	Benzo[b]fluoranthene	A10
2037761-06	EPA-8270C	Benzo[k]fluoranthene	A10
2037761-06	EPA-8270C	Benzo[a]pyrene	A10
2037761-06	EPA-8270C	Benzo[g,h,i]perylene	A10
2037761-06	EPA-8270C	Benzoic acid	A10
2037761-06	EPA-8270C	Benzyl alcohol	A10
2037761-06	EPA-8270C	Benzyl butyl phthalate	A10
2037761-06	EPA-8270C	alpha-BHC	A10
2037761-06	EPA-8270C	beta-BHC	A10
2037761-06	EPA-8270C	delta-BHC	A10
2037761-06	EPA-8270C	gamma-BHC (Lindane)	A10
2037761-06	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037761-06	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037761-06	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037761-06	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037761-06	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037761-06	EPA-8270C	4-Chloroaniline	A10
2037761-06	EPA-8270C	2-Chloronaphthalene	A10
2037761-06	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037761-06	EPA-8270C	Chrysene	A10
2037761-06	EPA-8270C	4,4'-DDD	A10
2037761-06	EPA-8270C	4,4'-DDE	A10
2037761-06	EPA-8270C	4,4'-DDT	A10
2037761-06	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037761-06	EPA-8270C	Dibenzofuran	A10
2037761-06	EPA-8270C	1,2-Dichlorobenzene	A10

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-06	EPA-8270C	1,3-Dichlorobenzene	A10
2037761-06	EPA-8270C	1,4-Dichlorobenzene	A10
2037761-06	EPA-8270C	3,3-Dichlorobenzidine	A10
2037761-06	EPA-8270C	Dieldrin	A10
2037761-06	EPA-8270C	Diethyl phthalate	A10
2037761-06	EPA-8270C	Dimethyl phthalate	A10
2037761-06	EPA-8270C	Di-n-butyl phthalate	A10
2037761-06	EPA-8270C	2,4-Dinitrotoluene	A10
2037761-06	EPA-8270C	2,6-Dinitrotoluene	A10
2037761-06	EPA-8270C	Di-n-octyl phthalate	A10
2037761-06	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-06	EPA-8270C	Endosulfan I	A10
2037761-06	EPA-8270C	Endosulfan II	A10
2037761-06	EPA-8270C	Endosulfan sulfate	A10
2037761-06	EPA-8270C	Endrin	A10
2037761-06	EPA-8270C	Endrin aldehyde	A10
2037761-06	EPA-8270C	Fluoranthene	A10
2037761-06	EPA-8270C	Fluorene	A10
2037761-06	EPA-8270C	Heptachlor	A10
2037761-06	EPA-8270C	Heptachlor epoxide	A10
2037761-06	EPA-8270C	Hexachlorobenzene	A10
2037761-06	EPA-8270C	Hexachlorobutadiene	A10
2037761-06	EPA-8270C	Hexachlorocyclopentadiene	A10
2037761-06	EPA-8270C	Hexachloroethane	A10
2037761-06	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037761-06	EPA-8270C	Isophorone	A10
2037761-06	EPA-8270C	2-Methylnaphthalene	A10
2037761-06	EPA-8270C	Naphthalene	A10
2037761-06	EPA-8270C	2-Naphthylamine	A10
2037761-06	EPA-8270C	2-Nitroaniline	A10
2037761-06	EPA-8270C	3-Nitroaniline	A10
2037761-06	EPA-8270C	4-Nitroaniline	A10
2037761-06	EPA-8270C	Nitrobenzene	A10
2037761-06	EPA-8270C	N-Nitrosodimethylamine	A10
2037761-06	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037761-06	EPA-8270C	N-Nitrosodiphenylamine	A10
2037761-06	EPA-8270C	Phenanthrene	A10
2037761-06	EPA-8270C	Pyrene	A10
2037761-06	EPA-8270C	1,2,4-Trichlorobenzene	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-06	EPA-8270C	4-Chloro-3-methylphenol	A10
2037761-06	EPA-8270C	2-Chlorophenol	A10
2037761-06	EPA-8270C	2,4-Dichlorophenol	A10
2037761-06	EPA-8270C	2,4-Dimethylphenol	A10
2037761-06	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037761-06	EPA-8270C	2,4-Dinitrophenol	A10
2037761-06	EPA-8270C	2-Methylphenol	A10
2037761-06	EPA-8270C	3- & 4-Methylphenol	A10
2037761-06	EPA-8270C	2-Nitrophenol	A10
2037761-06	EPA-8270C	4-Nitrophenol	A10
2037761-06	EPA-8270C	Pentachlorophenol	A10
2037761-06	EPA-8270C	Phenol	A10
2037761-06	EPA-8270C	2,4,5-Trichlorophenol	A10
2037761-06	EPA-8270C	2,4,6-Trichlorophenol	A10
2037761-06	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037761-06	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037761-06	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037761-06	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037761-06	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037761-06	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037761-07	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-07	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037761-07	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	A20
2037761-07	EPA-8270C	Acenaphthene	A10
2037761-07	EPA-8270C	Acenaphthylene	A10
2037761-07	EPA-8270C	Aldrin	A10
2037761-07	EPA-8270C	Aniline	A10
2037761-07	EPA-8270C	Anthracene	A10
2037761-07	EPA-8270C	Benidine	A10
2037761-07	EPA-8270C	Benzo[a]anthracene	A10
2037761-07	EPA-8270C	Benzo[b]fluoranthene	A10
2037761-07	EPA-8270C	Benzo[k]fluoranthene	A10
2037761-07	EPA-8270C	Benzo[a]pyrene	A10
2037761-07	EPA-8270C	Benzo[g,h,i]perylene	A10
2037761-07	EPA-8270C	Benzoic acid	A10
2037761-07	EPA-8270C	Benzyl alcohol	A10
2037761-07	EPA-8270C	Benzyl butyl phthalate	A10
2037761-07	EPA-8270C	alpha-BHC	A10
2037761-07	EPA-8270C	beta-BHC	A10

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RMC Geoscience (Geologic)
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Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-07	EPA-8270C	delta-BHC	A10
2037761-07	EPA-8270C	gamma-BHC (Lindane)	A10
2037761-07	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037761-07	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037761-07	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037761-07	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037761-07	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037761-07	EPA-8270C	4-Chloroaniline	A10
2037761-07	EPA-8270C	2-Chloronaphthalene	A10
2037761-07	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037761-07	EPA-8270C	Chrysene	A10
2037761-07	EPA-8270C	4,4'-DDD	A10
2037761-07	EPA-8270C	4,4'-DDE	A10
2037761-07	EPA-8270C	4,4'-DDT	A10
2037761-07	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037761-07	EPA-8270C	Dibenzofuran	A10
2037761-07	EPA-8270C	1,2-Dichlorobenzene	A10
2037761-07	EPA-8270C	1,3-Dichlorobenzene	A10
2037761-07	EPA-8270C	1,4-Dichlorobenzene	A10
2037761-07	EPA-8270C	3,3-Dichlorobenzidine	A10
2037761-07	EPA-8270C	Dieldrin	A10
2037761-07	EPA-8270C	Diethyl phthalate	A10
2037761-07	EPA-8270C	Dimethyl phthalate	A10
2037761-07	EPA-8270C	Di-n-butyl phthalate	A10
2037761-07	EPA-8270C	2,4-Dinitrotoluene	A10
2037761-07	EPA-8270C	2,6-Dinitrotoluene	A10
2037761-07	EPA-8270C	Di-n-octyl phthalate	A10
2037761-07	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-07	EPA-8270C	Endosulfan I	A10
2037761-07	EPA-8270C	Endosulfan II	A10
2037761-07	EPA-8270C	Endosulfan sulfate	A10
2037761-07	EPA-8270C	Endrin	A10
2037761-07	EPA-8270C	Endrin aldehyde	A10
2037761-07	EPA-8270C	Fluoranthene	A10
2037761-07	EPA-8270C	Fluorene	A10
2037761-07	EPA-8270C	Heptachlor	A10
2037761-07	EPA-8270C	Heptachlor epoxide	A10
2037761-07	EPA-8270C	Hexachlorobenzene	A10
2037761-07	EPA-8270C	Hexachlorobutadiene	A10

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037761-07	EPA-8270C Hexachlorocyclopentadiene	A10
2037761-07	EPA-8270C Hexachloroethane	A10
2037761-07	EPA-8270C Indeno[1,2,3-cd]pyrene	A10
2037761-07	EPA-8270C Isophorone	A10
2037761-07	EPA-8270C 2-Methylnaphthalene	A10
2037761-07	EPA-8270C Naphthalene	A10
2037761-07	EPA-8270C 2-Naphthylamine	A10
2037761-07	EPA-8270C 2-Nitroaniline	A10
2037761-07	EPA-8270C 3-Nitroaniline	A10
2037761-07	EPA-8270C 4-Nitroaniline	A10
2037761-07	EPA-8270C Nitrobenzene	A10
2037761-07	EPA-8270C N-Nitrosodimethylamine	A10
2037761-07	EPA-8270C N-Nitrosodi-N-propylamine	A10
2037761-07	EPA-8270C N-Nitrosodiphenylamine	A10
2037761-07	EPA-8270C Phenanthrene	A10
2037761-07	EPA-8270C Pyrene	A10
2037761-07	EPA-8270C 1,2,4-Trichlorobenzene	A10
2037761-07	EPA-8270C 4-Chloro-3-methylphenol	A10
2037761-07	EPA-8270C 2-Chlorophenol	A10
2037761-07	EPA-8270C 2,4-Dichlorophenol	A10
2037761-07	EPA-8270C 2,4-Dimethylphenol	A10
2037761-07	EPA-8270C 4,6-Dinitro-2-methylphenol	A10
2037761-07	EPA-8270C 2,4-Dinitrophenol	A10
2037761-07	EPA-8270C 2-Methylphenol	A10
2037761-07	EPA-8270C 3- & 4-Methylphenol	A10
2037761-07	EPA-8270C 2-Nitrophenol	A10
2037761-07	EPA-8270C 4-Nitrophenol	A10
2037761-07	EPA-8270C Pentachlorophenol	A10
2037761-07	EPA-8270C Phenol	A10
2037761-07	EPA-8270C 2,4,5-Trichlorophenol	A10
2037761-07	EPA-8270C 2,4,6-Trichlorophenol	A10
2037761-07	EPA-8270C 2-Fluorophenol (Surrogate)	A10
2037761-07	EPA-8270C Phenol-d5 (Surrogate)	A10
2037761-07	EPA-8270C Nitrobenzene-d5 (Surrogate)	A10
2037761-07	EPA-8270C 2-Fluorobiphenyl (Surrogate)	A10
2037761-07	EPA-8270C 2,4,6-Tribromophenol (Surrogate)	A10
2037761-07	EPA-8270C p-Terphenyl-d14 (Surrogate)	A10
2037761-08	EPA-8015B/FFP TPH - Motor Oil	A57
2037761-08	EPA-8081A Aldrin	A10

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775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-08	EPA-8081A	alpha-BHC	A10
2037761-08	EPA-8081A	beta-BHC	A10
2037761-08	EPA-8081A	delta-BHC	A10
2037761-08	EPA-8081A	gamma-BHC (Lindane)	A10
2037761-08	EPA-8081A	Chlordane (Technical)	A10
2037761-08	EPA-8081A	4,4'-DDD	A10
2037761-08	EPA-8081A	4,4'-DDE	A10
2037761-08	EPA-8081A	4,4'-DDT	A10
2037761-08	EPA-8081A	Dieldrin	A10
2037761-08	EPA-8081A	Endosulfan I	A10
2037761-08	EPA-8081A	Endosulfan II	A10
2037761-08	EPA-8081A	Endosulfan sulfate	A10
2037761-08	EPA-8081A	Endrin	A10
2037761-08	EPA-8081A	Endrin aldehyde	A10
2037761-08	EPA-8081A	Heptachlor	A10
2037761-08	EPA-8081A	Heptachlor epoxide	A10
2037761-08	EPA-8081A	Methoxychlor	A10
2037761-08	EPA-8081A	Toxaphene	A10
2037761-08	EPA-8081A	TCMX (Surrogate)	A10
2037761-08	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037761-08	EPA-8270C	Acenaphthene	A10
2037761-08	EPA-8270C	Acenaphthylene	A10
2037761-08	EPA-8270C	Aldrin	A10
2037761-08	EPA-8270C	Aniline	A10
2037761-08	EPA-8270C	Anthracene	A10
2037761-08	EPA-8270C	Benzidine	A10
2037761-08	EPA-8270C	Benzo[a]anthracene	A10
2037761-08	EPA-8270C	Benzo[b]fluoranthene	A10
2037761-08	EPA-8270C	Benzo[k]fluoranthene	A10
2037761-08	EPA-8270C	Benzo[a]pyrene	A10
2037761-08	EPA-8270C	Benzo[g,h,i]perylene	A10
2037761-08	EPA-8270C	Benzoic acid	A10
2037761-08	EPA-8270C	Benzyl alcohol	A10
2037761-08	EPA-8270C	Benzyl butyl phthalate	A10
2037761-08	EPA-8270C	alpha-BHC	A10
2037761-08	EPA-8270C	beta-BHC	A10
2037761-08	EPA-8270C	delta-BHC	A10
2037761-08	EPA-8270C	gamma-BHC (Lindane)	A10
2037761-08	EPA-8270C	bis(2-Chloroethoxy)methane	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-08	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037761-08	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037761-08	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037761-08	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037761-08	EPA-8270C	4-Chloroaniline	A10
2037761-08	EPA-8270C	2-Chloronaphthalene	A10
2037761-08	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037761-08	EPA-8270C	Chrysene	A10
2037761-08	EPA-8270C	4,4'-DDD	A10
2037761-08	EPA-8270C	4,4'-DDE	A10
2037761-08	EPA-8270C	4,4'-DDT	A10
2037761-08	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037761-08	EPA-8270C	Dibenzofuran	A10
2037761-08	EPA-8270C	1,2-Dichlorobenzene	A10
2037761-08	EPA-8270C	1,3-Dichlorobenzene	A10
2037761-08	EPA-8270C	1,4-Dichlorobenzene	A10
2037761-08	EPA-8270C	3,3-Dichlorobenzidine	A10
2037761-08	EPA-8270C	Dieldrin	A10
2037761-08	EPA-8270C	Diethyl phthalate	A10
2037761-08	EPA-8270C	Dimethyl phthalate	A10
2037761-08	EPA-8270C	Di-n-butyl phthalate	A10
2037761-08	EPA-8270C	2,4-Dinitrotoluene	A10
2037761-08	EPA-8270C	2,6-Dinitrotoluene	A10
2037761-08	EPA-8270C	Di-n-octyl phthalate	A10
2037761-08	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-08	EPA-8270C	Endosulfan I	A10
2037761-08	EPA-8270C	Endosulfan II	A10
2037761-08	EPA-8270C	Endosulfan sulfate	A10
2037761-08	EPA-8270C	Endrin	A10
2037761-08	EPA-8270C	Endrin aldehyde	A10
2037761-08	EPA-8270C	Fluoranthene	A10
2037761-08	EPA-8270C	Fluorene	A10
2037761-08	EPA-8270C	Heptachlor	A10
2037761-08	EPA-8270C	Heptachlor epoxide	A10
2037761-08	EPA-8270C	Hexachlorobenzene	A10
2037761-08	EPA-8270C	Hexachlorobutadiene	A10
2037761-08	EPA-8270C	Hexachlorocyclopentadiene	A10
2037761-08	EPA-8270C	Hexachloroethane	A10
2037761-08	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-08	EPA-8270C	Isophorone	A10
2037761-08	EPA-8270C	2-Methylnaphthalene	A10
2037761-08	EPA-8270C	Naphthalene	A10
2037761-08	EPA-8270C	2-Naphthylamine	A10
2037761-08	EPA-8270C	2-Nitroaniline	A10
2037761-08	EPA-8270C	3-Nitroaniline	A10
2037761-08	EPA-8270C	4-Nitroaniline	A10
2037761-08	EPA-8270C	Nitrobenzene	A10
2037761-08	EPA-8270C	N-Nitrosodimethylamine	A10
2037761-08	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037761-08	EPA-8270C	N-Nitrosodiphenylamine	A10
2037761-08	EPA-8270C	Phenanthrene	A10
2037761-08	EPA-8270C	Pyrene	A10
2037761-08	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037761-08	EPA-8270C	4-Chloro-3-methylphenol	A10
2037761-08	EPA-8270C	2-Chlorophenol	A10
2037761-08	EPA-8270C	2,4-Dichlorophenol	A10
2037761-08	EPA-8270C	2,4-Dimethylphenol	A10
2037761-08	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037761-08	EPA-8270C	2,4-Dinitrophenol	A10
2037761-08	EPA-8270C	2-Methylphenol	A10
2037761-08	EPA-8270C	3- & 4-Methylphenol	A10
2037761-08	EPA-8270C	2-Nitrophenol	A10
2037761-08	EPA-8270C	4-Nitrophenol	A10
2037761-08	EPA-8270C	Pentachlorophenol	A10
2037761-08	EPA-8270C	Phenol	A10
2037761-08	EPA-8270C	2,4,5-Trichlorophenol	A10
2037761-08	EPA-8270C	2,4,6-Trichlorophenol	A10
2037761-08	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037761-08	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037761-08	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037761-08	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037761-08	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037761-08	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037761-09	EPA-8015B/FFP	TPH - Motor Oil	A57
2037761-09	EPA-8270C	Acenaphthene	A10
2037761-09	EPA-8270C	Acenaphthylene	A10
2037761-09	EPA-8270C	Aldrin	A10
2037761-09	EPA-8270C	Aniline	A10

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Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037761-09	EPA-8270C Anthracene	A10
2037761-09	EPA-8270C Benzidine	A10
2037761-09	EPA-8270C Benzo[a]anthracene	A10
2037761-09	EPA-8270C Benzo[b]fluoranthene	A10
2037761-09	EPA-8270C Benzo[k]fluoranthene	A10
2037761-09	EPA-8270C Benzo[a]pyrene	A10
2037761-09	EPA-8270C Benzo[g,h,i]perylene	A10
2037761-09	EPA-8270C Benzoic acid	A10
2037761-09	EPA-8270C Benzyl alcohol	A10
2037761-09	EPA-8270C Benzyl butyl phthalate	A10
2037761-09	EPA-8270C alpha-BHC	A10
2037761-09	EPA-8270C beta-BHC	A10
2037761-09	EPA-8270C delta-BHC	A10
2037761-09	EPA-8270C gamma-BHC (Lindane)	A10
2037761-09	EPA-8270C bis(2-Chloroethoxy)methane	A10
2037761-09	EPA-8270C bis(2-Chloroethyl) ether	A10
2037761-09	EPA-8270C bis(2-Chloroisopropyl)ether	A10
2037761-09	EPA-8270C bis(2-Ethylhexyl)phthalate	A10
2037761-09	EPA-8270C 4-Bromophenyl phenyl ether	A10
2037761-09	EPA-8270C 4-Chloroaniline	A10
2037761-09	EPA-8270C 2-Chloronaphthalene	A10
2037761-09	EPA-8270C 4-Chlorophenyl phenyl ether	A10
2037761-09	EPA-8270C Chrysene	A10
2037761-09	EPA-8270C 4,4'-DDD	A10
2037761-09	EPA-8270C 4,4'-DDE	A10
2037761-09	EPA-8270C 4,4'-DDT	A10
2037761-09	EPA-8270C Dibenzo[a,h]anthracene	A10
2037761-09	EPA-8270C Dibenzofuran	A10
2037761-09	EPA-8270C 1,2-Dichlorobenzene	A10
2037761-09	EPA-8270C 1,3-Dichlorobenzene	A10
2037761-09	EPA-8270C 1,4-Dichlorobenzene	A10
2037761-09	EPA-8270C 3,3-Dichlorobenzidine	A10
2037761-09	EPA-8270C Dieldrin	A10
2037761-09	EPA-8270C Diethyl phthalate	A10
2037761-09	EPA-8270C Dimethyl phthalate	A10
2037761-09	EPA-8270C Di-n-butyl phthalate	A10
2037761-09	EPA-8270C 2,4-Dinitrotoluene	A10
2037761-09	EPA-8270C 2,6-Dinitrotoluene	A10
2037761-09	EPA-8270C Di-n-octyl phthalate	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-09	EPA-8270C	1,2-Diphenylhydrazine	A10
2037761-09	EPA-8270C	Endosulfan I	A10
2037761-09	EPA-8270C	Endosulfan II	A10
2037761-09	EPA-8270C	Endosulfan sulfate	A10
2037761-09	EPA-8270C	Endrin	A10
2037761-09	EPA-8270C	Endrin aldehyde	A10
2037761-09	EPA-8270C	Fluoranthene	A10
2037761-09	EPA-8270C	Fluorene	A10
2037761-09	EPA-8270C	Heptachlor	A10
2037761-09	EPA-8270C	Heptachlor epoxide	A10
2037761-09	EPA-8270C	Hexachlorobenzene	A10
2037761-09	EPA-8270C	Hexachlorobutadiene	A10
2037761-09	EPA-8270C	Hexachlorocyclopentadiene	A10
2037761-09	EPA-8270C	Hexachloroethane	A10
2037761-09	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037761-09	EPA-8270C	Isophorone	A10
2037761-09	EPA-8270C	2-Methylnaphthalene	A10
2037761-09	EPA-8270C	Naphthalene	A10
2037761-09	EPA-8270C	2-Naphthylamine	A10
2037761-09	EPA-8270C	2-Nitroaniline	A10
2037761-09	EPA-8270C	3-Nitroaniline	A10
2037761-09	EPA-8270C	4-Nitroaniline	A10
2037761-09	EPA-8270C	Nitrobenzene	A10
2037761-09	EPA-8270C	N-Nitrosodimethylamine	A10
2037761-09	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037761-09	EPA-8270C	N-Nitrosodiphenylamine	A10
2037761-09	EPA-8270C	Phenanthrene	A10
2037761-09	EPA-8270C	Pyrene	A10
2037761-09	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037761-09	EPA-8270C	4-Chloro-3-methylphenol	A10
2037761-09	EPA-8270C	2-Chlorophenol	A10
2037761-09	EPA-8270C	2,4-Dichlorophenol	A10
2037761-09	EPA-8270C	2,4-Dimethylphenol	A10
2037761-09	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037761-09	EPA-8270C	2,4-Dinitrophenol	A10
2037761-09	EPA-8270C	2-Methylphenol	A10
2037761-09	EPA-8270C	3- & 4-Methylphenol	A10
2037761-09	EPA-8270C	2-Nitrophenol	A10
2037761-09	EPA-8270C	4-Nitrophenol	A10

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775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037761-09	EPA-8270C	Pentachlorophenol	A10
2037761-09	EPA-8270C	Phenol	A10
2037761-09	EPA-8270C	2,4,5-Trichlorophenol	A10
2037761-09	EPA-8270C	2,4,6-Trichlorophenol	A10
2037761-09	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037761-09	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037761-09	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037761-09	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037761-09	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037761-09	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10

Holding Times

All holding time requirements were met.

Method Blanks

B096047-BLK1	EPA-6010B (TTLC)	Chromium	0.095010 mg/kg
B096047-BLK1	EPA-6010B (TTLC)	Copper	0.14350 mg/kg
B096047-BLK1	EPA-6010B (TTLC)	Zinc	0.46103 mg/kg
B096124-BLK1	EPA-6010B (TTLC)	Chromium	0.097260 mg/kg
B096124-BLK1	EPA-6010B (TTLC)	Copper	0.11281 mg/kg
B096124-BLK1	EPA-6010B (TTLC)	Zinc	0.30572 mg/kg
B097789-BLK1	EPA-6010B (TCLP)	Lead	0.039495 mg/L
B096513-BLK1	EPA-8270C	Phenol-d5 (Surrogate)	S09

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>		<u>Analyte</u>	<u>Flag</u>
Matrix Spikes			
B096047-DUP1	EPA-6010B (TTLC)	Antimony	A02
B096047-MS1	EPA-6010B (TTLC)	Zinc	Q03
B096047-MSD1	EPA-6010B (TTLC)	Barium	Q03
B096047-MSD1	EPA-6010B (TTLC)	Zinc	Q02
B096124-DUP1	EPA-6010B (TTLC)	Cadmium	A02
B096124-MS1	EPA-6010B (TTLC)	Arsenic	Q03
B096124-MSD1	EPA-6010B (TTLC)	Arsenic	Q03
B096124-MSD1	EPA-6010B (TTLC)	Chromium	Q02
B096124-MSD1	EPA-6010B (TTLC)	Chromium	Q03
B096423-MSD1	EPA-8151A	2,4-DB	Q02
B096423-MSD1	EPA-8151A	2,4-DB	Q03
B096513-MS1	EPA-8270C	4-Nitrophenol	Q03
B096513-MS1	EPA-8270C	Phenol	Q03
B096513-MS1	EPA-8270C	p-Terphenyl-d14 (Surrogate)	S09
B096513-MSD1	EPA-8270C	Nitrobenzene	Q02
B096513-MSD1	EPA-8270C	Nitrobenzene	Q03
B096513-MSD1	EPA-8270C	Pyrene	Q02
B096513-MSD1	EPA-8270C	4-Nitrophenol	Q03
B096513-MSD1	EPA-8270C	Pentachlorophenol	Q02
B096513-MSD1	EPA-8270C	Phenol	Q03
LCS			
B096513-BS1	EPA-8270C	4-Nitrophenol	L21
B096513-BS1	EPA-8270C	Phenol	L21

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

Discussion

Client advised to add Pb for the following on standard TAT:

- " A1 STLC/TCLP
- " A2 STLC
- " A3 STLC/TCLP
- " B1 STLC/TCLP
- " C1 STLC/TCLP
- " D1 STLC/TCLP
- " E1 STLC/TCLP
- " E2 STLC/TCLP
- " E3 STLC/TCLP

***Reran 2037761-09 3 times with variable results for TCLP Pb, sample not homogenous, no remaining sample left to rerun a 4th time. Client advised ok to report 3rd and final rerun.

Summary of Flags

- A02 The difference between duplicate readings is less than the quantitation limit.
- A10 Detection and quantitation limits were raised due to matrix interference.
- A20 Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
- A57 Chromatogram not typical of motor oil.
- L21 The Laboratory Control Sample Soil (LCSS) recovery is not within laboratory established control limits.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) was(were) not within the control limits.
- S09 The surrogate recovery for this compound was not within the control limits.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.belabs.com

BC LABORATORIES

20-37761

TEMP: _____

Client/Company Name: **GLA** Phone #: _____ FAX #: _____
 Report Attention: **Greg George** E-mail: **greg@gsolabs.com**

Address: _____ City: _____ State: _____ Zip: _____
 Project Information: **Sausalito-Dunham Park** PO # _____
 How would you like your completed results sent? E-Mail Fax EDID Mail Only
 BCL Quote # _____
 Sampler Name Printed / Signature: **Greg George** Result Request: STD Day 2 Day Day**
 QC Request Level II Level I Level III

Carbon Copies: CDHS Fresno Co EPA
 Merced Co Tulare Co
 Other: _____
 Regulatory Compliance Electronic Data Transfer: Y N
 System No. * _____

Matrix Types: RSW = Raw Surface Water CPW = Chlorinated Pesticide Water CW = Chlorinated Waste Water BW = Bottled Water
 RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Sample #	Bottles	Sampled Date	Time	Sample Description / Location	Matrix *	Comments / Station Code
-1	-10	12/17/09	0914	A2-1	Soil	
-2	-11		0919	A2-3		
-3	-12		0915	A2-4		
-4	-13		0919	A2-6		
-5	-14		0916	A1-1		
-6	-15		0914	A1-2.5		
-7	-16		0914	A1-4		
-8	-17		0913	A1-5		
-9	-18					

Requisitioned by: (Signature and Printed Name) **D. Varghese** Company **GLA** Date **12/23/09** Time **1709**
 Received by: (Signature and Printed Name) **Greg George** Company **BC LABS** Date **12/23/09** Time **1800**
 Received for Lab by: (Signature and Printed Name) **Greg George** Company **BC LABS** Date _____ Time _____

Received by: (Signature and Printed Name) _____ Company **BC LABS**
 Received by: (Signature and Printed Name) _____ Company **BC LABS**
 Payment Received at Delivery: _____ Date: _____ Amount: _____
 Shipping Method: **CAO UPS GSO WALK-IN SIVC FEDEX OTHER** Cooling Method: **WET BLUE NONE**

ANALYSIS REQUESTED

Analysis	Requested
TPHs	8260
VOCs	8260
TPHs _{pmo}	8270
SVOCs	8081
OCFs	8087
PCBs	8087
Chlorides	
CAM 17	

1 of 5

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Chain of Custody

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BC LABORATORIES

TEMP: 20-37761

* Required Fields

Client/Company Name: **GLA** Report Attention: **Greg George** Phone #: _____ FAX #: _____
 Address: _____ City: _____ State: _____ Zip: _____ E-mail: **greg@geologic.com**
 Project Information: **Saw Salto - Dunphy Park** PO #: _____ BCL Quote #: _____
 How would you like your completed results sent? E-Mail Fax EDD Mail Only
 Sampler Name Printed / Signature: _____ QC Request: STD Level II STD 5 Day** 2 Day** Day**
 Matrix Types: RSW = Raw Surface Water CPW = Chlorinated Waste Water CWW = Chlorinated Waste Water BW = Bottled Water
 RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Sample #	Bottles	Date	Time	Simple Description / Location	Matrix *	Comments / Station Code
-9	-18	12/21/20	1010	A3-1	SO	
-10	-18		1014	A3-3		
-11	-20		1018	A3-5		3 4:1 A3-3
-12	-21		1023	A3-6		
-13	-22		1035	B1-1		
-14	-23		1039	B1-2.5		3 4:1 B1-4
-15	-24		1042	B1-5		
-16	-25		1046	B1-6.5		

Requested by: (Signature and Printed Name)	Date	Time	Company
<i>Greg George</i> Greg George	12/23/20	1709	GLA
<i>Stefan Cole</i> Stefan Cole	12/23/20	1800	BCLABS

Received for Lab by: (Signature and Printed Name)	Date	Time	Company
<i>Stefan Cole</i> Stefan Cole	12/23/20	1800	BCLABS

Received by: (Signature and Print Name)	Date	Time	Company
<i>Stefan Cole</i> Stefan Cole	12/23/20	1800	BCLABS

Received by: (Signature and Print Name)	Date	Time	Company
<i>Stefan Cole</i> Stefan Cole	12/23/20	1800	BCLABS

Payment Received at Delivery: _____ Date: _____ Amount: _____
 Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER WET BLUE NONE
 Packing Material: _____
 Check/Stub/Card PIA # _____
 Initial: _____

2 of 5

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Chain of Custody

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(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

TEMP: 20-37761

Client/Company Name: GLA, Report Attention: Greg George, E-mail: greg@geo-logic.com, State: CA, Zip: 93308, Project Information: Sausalito - Murphy Park, QC Request: STD, Level II, Surecharge: 5 Day

ANALYSIS REQUESTED

Table with columns for analysis types: TRTs, VOCs, TPH, SVOCs, PCBs, etc. with handwritten checkmarks and values.

Matrix Types: RSW = Raw Surface Water, RW = Raw Ground Water, FW = Finished Water, WW = Waste Water, CW = Chlorinated Water, SW = Storm Water, DW = Drinking Water, BW = Bottled Water, SO = Solid

Main data table with columns: Sample #, Bottles, Date, Time, Sample Description / Location, Matrix, Comments / Subst. Code. Includes handwritten entries for samples C1-1 through DI-5.5.

Signature and receipt section: Requisitioned by: Greg George, Received by: STEVEN COLE, Date: 12/23/09, Time: 1709, Company: GLA, BCL 12-24-20 1115

Shipping Method: CAO UPS GSO WALK-IN SIVC FEDEX OTHER, Cooling Method: WET BLUE NONE, Amount: \$100.00, PIA #

3 of 5

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Chain of Custody

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(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

TEMP: 20-37761

Report Attention: GUY GEORGE

Client/Company Name: GLA
Address: 2037761
City: State: Zip: *
Phone #: FAX #:
E-mail: george@gso-logic.com

Project Information: Sassafras - Dumping pack
How would you like your completed results sent? E-Mail Fax EDI Mail Only
Sampler Name Printed / Signature
QC Request: STD Level II Level I Surcharge
Result Request: 5 Day 2 Day Day**

Matrix Types: RSW = Raw Surface Water CW = Chlorinated Finished Water CWW = Chlorinated Waste Water BW = Boiled Water
RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Table with columns: Sample #, Bottles, Date, Time, Sample Description / Location, Matrix, Comments / Station Code. Contains handwritten entries for samples E1-1 through E2-4.5.

Relinquished by: (Signature and Printed Name) S. Dave Greengard
Relinquished by: (Signature and Printed Name) S. Dave Greengard
Received by: (Signature and Printed Name) S. Dave Greengard
Date: 12/23/09
Time: 1709
Company: GLA
Company: BCLABS

Shipping Method: CAO UPS WALK-IN SIVC FED EX OTHER
Cooling Method: WET BLUE NONE
Packing Material:
Amount: Check/Cash/Card PIA #
Date: 12/24/09
Time: 1115
Company: BCL 12-24-09 1115

4 of 5

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Chain of Custody

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

TEMP: 20-37761

* Required Fields

Client/Company Name: **GLA** Report Attention: **Greg George** Phone #: _____ FAX #: _____
 Address: _____ City: _____ State: _____ Zip: _____ E-mail: **ggeorge@geo-logic.com**
 Project Information: **Sausalito - Dunphy Park** PO # _____ BCL Quote # _____
 How would you like your completed results sent? E-Mail Fax EDID Mail Only
 QC Request STD Level II STD 5 Day** 3 Day** Day**
 Sampler Name Printed / Signature: _____ Result Request ** Surecharge Y N
 Matrix Types: **RSW = Raw Surface Water** **CFW = Chlorinated Finished Water** **CWW = Chlorinated Waste Water** **BW = Boiled Water**
RGW = Raw Ground Water **PW = Finished Water** **WW = Waste Water** **SW = Storm Water** **DW = Drinking Water** **SO = Solid**
 Matrix: **SO** **4:1 E3-9**
 Sample Description / Location: **E3-1** **E3-3** **E3-4** **E3-5.5**
 Sampled Date Time: **12/28/20** **1355** **1401** **1407** **1413**
 Bottles: **42** **44** **45**
 Comments / Station Code: **CHK BY DISTRIBUTION** **STAMPED SUB** **SUB OUT**
 Relinquished by: (Signature and Printed Name) **D. Huse Greg George GLA** Company **GLA** Date **12/28/20** Time **1709**
 Relinquished by: (Signature and Printed Name) **Steph Co / STEPHEN COE** Company **BC LABS** Date **12/28/20** Time **1800**
 Received for Lab by: (Signature and Printed Name) _____ Company **BC LABS** Date _____ Time _____
 Payment Received at Delivery: _____ Date: _____ Amount: _____
 Shipping Method: **CAO UPS GSO WALK-IN SVC FEDEX OTHER** Cooling Method: **WET BLUE NONE**
 Packing Material: _____
 Check/Cash/Card PIA # _____
 Inil. _____

ANALYSIS REQUESTED

TPH _g	8260	TPH _{mg}	8015	SDOCs	8270	OCS	8081	PCBs	8082	Chlorides	CAM 17
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5 of 5

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BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 of 45
 Submission #: 20-37761 PPE 12/24

SHIPPING INFORMATION
 Fed Ex UPS Ontrac Hand Delivery
 BC Lab Field Service Other (Specify) GLS

SHIPPING CONTAINER
 Ice Chest None Box
 Other (Specify) _____

FREE LIQUID
 YES NO
 W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO Emissivity: 97 Container: glass Thermometer ID: 274 Date/Time: 12-24-2011
 Temperature: (A) 4.8 °C / (C) 4.8 °C Analyst Init: TKJ

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/808										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
6oz / 16oz / 32oz JAR	<u>X12</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
SOIL SLURRY										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: PPE Date/Time: 12/24/20 1310 Rev 21 05/23/2016
 = Actual / C = Corrected



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 of 4

Submission #: 20-37761 PRE 12/24

SHIPPING INFORMATION
 Fed Ex UPS Ontrac Hand Delivery
 BC Lab Field Service Other (Specify) GLS

SHIPPING CONTAINER
 Ice Chest None Box
 Other (Specify) _____

FREE LIQUID
 YES NO
 W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO
 Emissivity: 97 Container: glass Thermometer ID: 274 Date/Time: 12-24-2011
 Temperature: (A) 4.8 °C / (C) 4.8 °C Analyst Init: TKJ

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	20
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 505/508/5050										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
3oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8170										
3oz / 16oz / 32oz AMBER										
3oz / 16oz / 32oz JAR	X12	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
SCORE										
SMART KIT										
RIMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: PRE Date/Time: 12/24/20 1310
 = Actual / C = Corrected Rev 21 05/23/2016
 IS:\WP\Doc\Word\PerfectLAB_002\FOR\MS\5\AMRECrev 201



BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 of 45

Submission #: 20-37761 PRE 12/24

SHIPPING INFORMATION: Fed Ex, UPS, Ontrac, Hand Delivery, BC Lab Field Service, Other (Specify) GLS. SHIPPING CONTAINER: Ice Chest, None, Box, Other (Specify). FREE LIQUID: YES, NO, W/S.

Refrigerant: Ice, Blue Ice, None, Other. Comments:

Custody Seals: Ice Chest, Containers, None. Comments:

All samples received? Yes, No. All samples containers intact? Yes, No. Description(s) match COC? Yes, No.

COC Received: YES, NO. Emissivity: 97. Container: Glass. Thermometer ID: 274. Date/Time: 12-24-2011. Analyst Init: TKJ. Temperature: (A) 4.8 °C / (C) 4.8 °C.

Table with columns for SAMPLE CONTAINERS and SAMPLE NUMBERS (21-30). Rows include various sample types like QT PE UNPRES, INORGANIC CHEMICAL METALS, FT CYANIDE, etc. Sample 21 is marked with 'A'.

Comments: Sample Numbering Completed By: PRE Date/Time: 12/24/20 1310 Rev 21 05/23/2016

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BC LABORATORIES INC. COOLER RECEIPT FORM Page 4 of 85
 Submission #: 20-37761 PRE 12/24

SHIPPING INFORMATION: Fed Ex UPS Ontrac Hand Delivery BC Lab Field Service Other (Specify) GLS

SHIPPING CONTAINER: Ice Chest None Box Other (Specify) _____

FREE LIQUID: YES NO W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received: YES NO Emissivity: 97 Container: glass Thermometer ID: 274 Date/Time: 12-24-2011
 Temperature: (A) 4.8 °C / (C) 4.8 °C Analyst Init: TKJ

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	31	32	33	34	35	36	37	38	39	40
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 504/608/8080										
QT EPA 515.1/6150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
1oz / 16oz / 32oz AMBER										
1oz / 16oz / 32oz JAR	<u>X12</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
OIL SLEEVE										
CB VIAL										
PLASTIC BAG										
EDLAR BAG										
FEROUS IRON										
NCORE										
MART KIT										
UMMA CANISTER										

Comments: _____
 Sample Numbering Completed By: PRE Date/Time: 12/24/20 1310 Rev 21 06/23/2016
 - Actual / C = Corrected (S:\WPDoc\Ward\PerfectLAB_DOC\FORMS\ISAMPRCrev 20)



BC LABORATORIES INC. COOLER RECEIPT FORM Page 5 of 45

Submission #: 20-37761

PRE 12/24

SHIPPING INFORMATION
Fed Ex [] UPS [] Ontrac [] Hand Delivery []
BC Lab Field Service [] Other [X] (Specify) GLS

SHIPPING CONTAINER
Ice Chest [X] None [] Box []
Other [] (Specify)

FREE LIQUID
YES [] NO []
W / S

Refrigerant: Ice [X] Blue Ice [] None [] Other [] Comments:

Custody Seals Ice Chest [] Containers [] None [X]
Intact? Yes [] No [] Intact? Yes [] No []

All samples received? Yes [X] No [] All samples containers intact? Yes [X] No [] Description(s) match COC? Yes [X] No []

COC Received
[X] YES [] NO

Emissivity: 97 Container: Glass Thermometer ID: 274
Temperature: (A) 4.8 °C / (C) 4.8 °C

Date/Time 12-24-2011 Analyst Init TKJ

Table with columns for Sample Containers and Sample Numbers (41-45, 6-10). Rows include various sample types like QT PE UNPRES, FT INORGANIC CHEMICAL METALS, etc. Handwritten 'A' marks are present in the 41-45 columns for the SOIL SLEEVE row.

Comments:
Sample Numbering Completed By: PRE Date/Time: 12/24/20 1310 Rev 21 05/23/2016



RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
2037761-01	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A2 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037761-02	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A1 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037761-03	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A3 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037761-04	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B1(4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037761-05	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	C1(4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037761-06	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	D1 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037761-07	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	E1 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
2037761-08	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	E2 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
2037761-09	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 00:00
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	E3 (4:1 Composite)	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
2037761-10	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 09:04
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A2-1	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
2037761-11	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 09:09
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A2-3	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
2037761-12	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 09:15
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A2-4	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
2037761-13	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 09:19
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A2-6	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
2037761-14	COC Number:	---	Receive Date: 12/24/2020 11:15
	Project Number:	---	Sampling Date: 12/23/2020 09:40
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	A1-1	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	
2037761-15	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 09:44
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A1-2.5		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-16	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 09:49
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A1-4		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-17	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 09:53
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A1-5		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-18	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 10:10
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A3-1		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-19	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 10:14
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A3-3		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-20	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 10:18
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A3-5		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-21	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 10:23
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	A3-6		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037761-22	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 10:35
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B1-1	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-23	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 10:39
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B1-2.5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-24	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 10:42
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B1-5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-25	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 10:46
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B1-6.5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-26	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 11:01
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C1-1	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-27	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 11:06
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C1-3	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-28	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 11:10
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C1-4	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	
2037761-29	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 11:14
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	C1-6		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-30	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 11:31
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	D1-1		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-31	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 11:36
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	D1-2		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-32	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 11:40
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	D1-4		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-33	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 11:44
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	D1-5.5		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-34	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 12:01
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	E1-1		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil
2037761-35	COC Number:	---		12/24/2020	11:15
	Project Number:	---		Sampling Date:	12/23/2020 12:06
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	E1-2.5		Lab Matrix:	Solids
	Sampled By:	Gregory George		Sample Type:	Soil

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.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037761-36	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 12:11
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E1-4	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-37	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 12:15
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E1-5.5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-38	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 13:10
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E2-1	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-39	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 13:15
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E2-2	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-40	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 13:19
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E2-3	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-41	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 13:23
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E2-4.5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037761-42	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 13:55
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E3-1	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037761-43	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 14:01
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E3-3	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
2037761-44	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 14:07
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E3-4	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
2037761-45	COC Number:	---	Receive Date:	12/24/2020 11:15
	Project Number:	---	Sampling Date:	12/23/2020 14:13
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	E3-5.5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.020	0.00072	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.020	0.0015	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.020	0.0019	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.020	0.0015	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.020	0.00072	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	2.0	0.040	EPA-8081A	ND	A10	1
4,4'-DDD	0.0077	mg/kg	0.020	0.0026	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.0041	mg/kg	0.020	0.0038	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.0073	mg/kg	0.020	0.0016	EPA-8081A	ND	J,A10	1
Dieldrin	0.0029	mg/kg	0.020	0.0014	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.020	0.00080	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.020	0.0014	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.020	0.0010	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.020	0.0026	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.020	0.00072	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.020	0.0034	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.020	0.00068	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.020	0.0038	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	2.0	0.056	EPA-8081A	ND	A10	1
TCMX (Surrogate)	68.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	79.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/30/20 21:34	HKS	GC-17	40	B096396	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-01		Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.20	0.046	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.20	0.066	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.20	0.052	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.20	0.030	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.20	0.042	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.20	0.032	EPA-8082	ND		1	
PCB-1260	0.093	mg/kg	0.20	0.036	EPA-8082	ND	J	1	
Total PCB's (Summation)	ND	mg/kg	0.20	0.10	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	78.3	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 19:52	HKS	GC-14	20	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
2,4-D	ND	mg/kg	0.50	0.075	EPA-8151A	ND		1
2,4-DB	ND	mg/kg	1.0	0.17	EPA-8151A	ND		1
Dalapon	ND	mg/kg	1.2	0.17	EPA-8151A	ND		1
Dicamba	ND	mg/kg	0.050	0.014	EPA-8151A	ND		1
Dichloroprop	ND	mg/kg	0.50	0.092	EPA-8151A	ND		1
Dinoseb	ND	mg/kg	0.18	0.050	EPA-8151A	ND		1
2,4,5-T	ND	mg/kg	0.075	0.028	EPA-8151A	ND		1
2,4,5-TP (Silvex)	ND	mg/kg	0.075	0.018	EPA-8151A	ND		1
2,4-Dichlorophenylacetic acid (Surrogate)	56.8	%	40 - 120 (LCL - UCL)		EPA-8151A			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20	00:37	OLH	GC-8	25	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0064	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-01							
Client Sample Name:	Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.0012	mg/kg	0.0050	0.00097	EPA-8260B	ND	J	1
Toluene	0.0044	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	1.3	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	95.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	70.5	%	74 - 121 (LCL - UCL)		EPA-8260B		S09	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/29/20 10:22	12/29/20 18:03		RCC	MS-V17	1	B096132	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-01		Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Aldrin	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Aniline	ND	mg/kg	4.8	0.26	EPA-8270C	ND		1
Anthracene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Benzidine	ND	mg/kg	71	0.22	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	2.4	0.18	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	2.4	0.19	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	2.4	0.31	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	12	0.33	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	2.4	0.18	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	2.4	0.23	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	4.8	0.16	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	2.4	0.36	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Chrysene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-01							
Client Sample Name:	Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	4.8	0.16	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	2.4	0.18	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	2.4	0.20	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	4.8	0.21	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	4.8	0.21	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Endrin	ND	mg/kg	4.8	0.20	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	12	0.17	EPA-8270C	ND		1
Fluoranthene	0.31	mg/kg	2.4	0.16	EPA-8270C	ND	J	1
Fluorene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	2.4	0.31	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	2.4	0.36	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Isophorone	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	71	0.86	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	4.8	0.16	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	4.8	0.26	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	2.4	0.95	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
Pyrene	0.36	mg/kg	2.4	0.16	EPA-8270C	ND	J	1
1,2,4-Trichlorobenzene	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	4.8	0.16	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	12	0.16	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	12	0.16	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	4.8	0.33	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	4.8	0.43	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	4.8	0.40	EPA-8270C	ND		1
Phenol	ND	mg/kg	2.4	0.16	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	4.8	0.26	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	4.8	0.16	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	95.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	110	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	118	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	126	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	61.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	106	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	00:16	MK1	MS-B2	23.750	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	300	66	EPA-8015B/FFP	ND		1
TPH - Motor Oil	1100	mg/kg	600	210	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	77.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	11:35	BUP	GC-2	30	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	3.1	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21	13:53	JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-01	Client Sample Name: Dunphy, A2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	7.1	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	190	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.46	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.67	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	34	mg/kg	0.50	0.050	EPA-6010B	0.095		1
Cobalt	11	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	42	mg/kg	1.0	0.050	EPA-6010B	0.14		1
Lead	65	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.21	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	36	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	47	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	140	mg/kg	2.5	0.087	EPA-6010B	0.46		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/28/20 13:50	12/30/20	10:12	JCC	PE-OP3	1	B096047	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:23	TMT	CETAC3	0.977	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Table with 2 columns: BCL Sample ID (2037761-02) and Client Sample Name (Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, Batch ID, Prep Method. Row 1: 1, EPA-8081A, 12/30/20 14:00, 12/30/20 21:50, HKS, GC-17, 83.333, B096396, EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-02		Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.19	0.043	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.19	0.062	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.19	0.049	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.19	0.028	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.19	0.039	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.19	0.030	EPA-8082	ND		1	
PCB-1260	0.081	mg/kg	0.19	0.034	EPA-8082	ND	J	1	
Total PCB's (Summation)	ND	mg/kg	0.19	0.094	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	95.0	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 20:02	HKS	GC-14	18.750	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-02		Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.60	0.090	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	1.2	0.20	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	1.5	0.20	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.060	0.017	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.60	0.11	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.21	0.060	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.090	0.033	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.090	0.022	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	62.5	%	40 - 120 (LCL - UCL)		EPA-8151A			1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20	01:00	OLH	GC-8	30	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0080	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-02							
Client Sample Name:	Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.0011	mg/kg	0.0050	0.00097	EPA-8260B	ND	J	1
Toluene	0.0040	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	0.72	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	81.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	12/29/20 10:22	12/29/20 18:24	RCC	MS-V17	1	B096132 EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Aldrin	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Aniline	ND	mg/kg	3.3	0.18	EPA-8270C	ND		1
Anthracene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Benzidine	ND	mg/kg	49	0.15	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	1.6	0.13	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	1.6	0.13	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	1.6	0.21	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	8.2	0.23	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	1.6	0.12	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	1.6	0.16	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	3.3	0.11	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	1.6	0.24	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Chrysene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-02							Client Sample Name:	Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George				
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #					
1,3-Dichlorobenzene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
1,4-Dichlorobenzene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
3,3-Dichlorobenzidine	ND	mg/kg	3.3	0.11	EPA-8270C	ND		1					
Dieldrin	ND	mg/kg	1.6	0.13	EPA-8270C	ND		1					
Diethyl phthalate	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Dimethyl phthalate	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Di-n-butyl phthalate	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
2,4-Dinitrotoluene	ND	mg/kg	1.6	0.14	EPA-8270C	ND		1					
2,6-Dinitrotoluene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Di-n-octyl phthalate	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
1,2-Diphenylhydrazine	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Endosulfan I	ND	mg/kg	3.3	0.14	EPA-8270C	ND		1					
Endosulfan II	ND	mg/kg	3.3	0.14	EPA-8270C	ND		1					
Endosulfan sulfate	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Endrin	ND	mg/kg	3.3	0.14	EPA-8270C	ND		1					
Endrin aldehyde	ND	mg/kg	8.2	0.11	EPA-8270C	ND		1					
Fluoranthene	0.12	mg/kg	1.6	0.11	EPA-8270C	ND	J	1					
Fluorene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Heptachlor	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Heptachlor epoxide	ND	mg/kg	1.6	0.21	EPA-8270C	ND		1					
Hexachlorobenzene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Hexachlorobutadiene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Hexachlorocyclopentadiene	ND	mg/kg	1.6	0.24	EPA-8270C	ND		1					
Hexachloroethane	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Isophorone	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
2-Methylnaphthalene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
Naphthalene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
2-Naphthylamine	ND	mg/kg	49	0.59	EPA-8270C	ND		1					
2-Nitroaniline	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					
3-Nitroaniline	ND	mg/kg	3.3	0.11	EPA-8270C	ND		1					
4-Nitroaniline	ND	mg/kg	3.3	0.18	EPA-8270C	ND		1					
Nitrobenzene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1					

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-02							
Client Sample Name:	Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.6	0.65	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
Phenanthrene	0.11	mg/kg	1.6	0.11	EPA-8270C	ND	J	1
Pyrene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	3.3	0.11	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	8.2	0.11	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	8.2	0.11	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	3.3	0.23	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	3.3	0.29	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	3.3	0.28	EPA-8270C	ND		1
Phenol	ND	mg/kg	1.6	0.11	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	3.3	0.18	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	3.3	0.11	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	73.2	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	77.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	73.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	77.5	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	51.6	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	60.2	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	00:42	MK1	MS-B2	16.333	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	160	35	EPA-8015B/FFP	ND		1
TPH - Motor Oil	570	mg/kg	320	110	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	81.8	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	11:58	BUP	GC-2	15.789	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	7.1	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21	13:55	JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.066	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 17:14		JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-02	Client Sample Name: Dunphy, A1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	240	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.48	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.82	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	43	mg/kg	0.50	0.050	EPA-6010B	0.093		1
Cobalt	12	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	53	mg/kg	1.0	0.050	EPA-6010B	0.14		1
Lead	120	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.21	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	44	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	48	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	190	mg/kg	2.5	0.087	EPA-6010B	0.45		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/28/20 13:50	12/30/20	10:14	JCC	PE-OP3	0.980	B096047	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:25	TMT	CETAC3	0.977	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Table with 2 columns: BCL Sample ID (2037761-03) and Client Sample Name (Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, Batch ID, Prep Method. Row 1: 1, EPA-8081A, 12/30/20 14:00, 12/30/20 22:07, HKS, GC-17, 10, B096396, EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-03		Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.0034	mg/kg	0.010	0.0018	EPA-8082	ND	J	1	
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	30.0	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 20:34	HKS	GC-14	1.010	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-03		Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	23.7	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20	01:22	OLH	GC-8	0.987	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-03							
Client Sample Name:	Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	12/29/20 10:22	12/29/20 18:45	RCC	MS-V17	1	B096132 EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-03		Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	0.57	mg/kg	2.0	0.067	EPA-8270C	ND	J,A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-03							
Client Sample Name:	Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	23.2	%	20 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Phenol-d5 (Surrogate)	39.0	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Nitrobenzene-d5 (Surrogate)	37.7	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
2-Fluorobiphenyl (Surrogate)	34.0	%	30 - 140 (LCL - UCL)		EPA-8270C	ND	A10	1
2,4,6-Tribromophenol (Surrogate)	19.5	%	20 - 150 (LCL - UCL)		EPA-8270C	ND	A10,S09	1
p-Terphenyl-d14 (Surrogate)	46.0	%	30 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	03:15	MK1	MS-B2	10.067	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	120	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	66.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	12:21	BUP	GC-2	1.974	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	4.2	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21	13:57	JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.18	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 17:15	JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-03	Client Sample Name: Dunphy, A3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	7.5	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	170	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.70	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	38	mg/kg	0.50	0.050	EPA-6010B	0.092		1
Cobalt	11	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	41	mg/kg	1.0	0.050	EPA-6010B	0.14		1
Lead	110	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.20	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	45	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.10	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	42	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	200	mg/kg	2.5	0.087	EPA-6010B	0.45		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/28/20 13:50	12/30/20	10:16	JCC	PE-OP3	0.971	B096047	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:31	TMT	CETAC3	0.962	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Table with 2 columns: BCL Sample ID (2037761-04) and Client Sample Name (Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC summary table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, QC Batch ID, Prep Method.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-04		Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.017	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	0.017	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	41.7	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 20:45	HKS	GC-14	1.014	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-04		Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	26.7	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20 01:45	OLH	GC-8	1.007	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0020	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-04							
Client Sample Name:	Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.016	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	0.0014	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	0.0062	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	0.89	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	79.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/29/20 10:22	12/29/20 19:06		RCC	MS-V17	1	B096132	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-04		Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-04							
Client Sample Name:	Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	33.1	%	20 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Phenol-d5 (Surrogate)	48.5	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Nitrobenzene-d5 (Surrogate)	55.6	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
2-Fluorobiphenyl (Surrogate)	52.2	%	30 - 140 (LCL - UCL)		EPA-8270C	ND	A10	1
2,4,6-Tribromophenol (Surrogate)	21.3	%	20 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1
p-Terphenyl-d14 (Surrogate)	56.3	%	30 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20 03:41	MK1	MS-B2	9.932	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	240	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	57.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	12:44	BUP	GC-2	2.027	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	12	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21	13:59	JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.096	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 17:17	JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-04	Client Sample Name: Dunphy, B1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	9.3	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	300	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.44	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	1.2	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	36	mg/kg	0.50	0.050	EPA-6010B	0.092		1
Cobalt	12	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	82	mg/kg	1.0	0.050	EPA-6010B	0.14		1
Lead	310	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.47	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	49	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.22	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	46	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	480	mg/kg	2.5	0.087	EPA-6010B	0.45		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/28/20 13:50	12/30/20	12:07	JCC	PE-OP3	0.971	B096047	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:33	TMT	CETAC3	0.977	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	0.0013	mg/kg	0.0050	0.00064	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.0011	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.0019	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	93.9	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	74.9	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/30/20 22:39	HKS	GC-17	9.868	B096396	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-05		Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.0097	mg/kg	0.010	0.0018	EPA-8082	ND	J	1	
Total PCB's (Summation)	0.0097	mg/kg	0.010	0.0050	EPA-8082	ND	J	1	
Decachlorobiphenyl (Surrogate)	35.0	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 20:56	HKS	GC-14	1.007	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-05		Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	35.5	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20 04:22	OLH	GC-8	0.993	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0014	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-05							
Client Sample Name:	Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.0010	mg/kg	0.0050	0.00097	EPA-8260B	ND	J	1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	--

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/29/20 10:22	12/29/20 19:27		RCC	MS-V17	1	B096132	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-05		Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-05		Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	0.20	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-05		Client Sample Name:	Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #		
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1		
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
Phenanthrene	0.14	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1		
Pyrene	0.17	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1		
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1		
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1		
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1		
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1		
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1		
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1		
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1		
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1		
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1		
2-Fluorophenol (Surrogate)	40.5	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1		
Phenol-d5 (Surrogate)	60.0	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1		
Nitrobenzene-d5 (Surrogate)	68.5	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1		
2-Fluorobiphenyl (Surrogate)	69.5	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1		
2,4,6-Tribromophenol (Surrogate)	34.2	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1		
p-Terphenyl-d14 (Surrogate)	80.0	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1		

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	04:07	MK1	MS-B2	10.067	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	180	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	85.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	13:07	BUP	GC-2	1.010	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	4.4	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21 14:01		JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.093	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 17:19	JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLIC)

BCL Sample ID: 2037761-05	Client Sample Name: Dunphy, C1(4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	8.8	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	230	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.33	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.66	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	29	mg/kg	0.50	0.050	EPA-6010B	0.089		1
Cobalt	9.2	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	78	mg/kg	1.0	0.050	EPA-6010B	0.10		1
Lead	180	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.16	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	30	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.22	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	35	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	220	mg/kg	2.5	0.087	EPA-6010B	0.28		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/29/20 11:45	12/30/20	14:28	JCC	PE-OP3	0.917	B096124	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:35	TMT	CETAC3	1.008	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	0.0030	mg/kg	0.0050	0.00064	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.0016	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.0016	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	55.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	69.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/30/20 22:56	HKS	GC-17	9.901	B096396	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-06		Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	30.0	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 21:06	HKS	GC-14	0.993	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-06		Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	39.0	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20	04:44	OLH	GC-8	1.010	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-06							
Client Sample Name:	Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.0011	mg/kg	0.0050	0.00097	EPA-8260B	ND	J	1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/29/20 10:22	12/29/20 19:48		RCC	MS-V17	1	B096132	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-06		Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-06							
Client Sample Name:	Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	45.3	%	20 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Phenol-d5 (Surrogate)	66.2	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Nitrobenzene-d5 (Surrogate)	68.1	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
2-Fluorobiphenyl (Surrogate)	60.6	%	30 - 140 (LCL - UCL)		EPA-8270C	ND	A10	1
2,4,6-Tribromophenol (Surrogate)	36.4	%	20 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1
p-Terphenyl-d14 (Surrogate)	63.5	%	30 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	04:32	MK1	MS-B2	9.572	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	260	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	57.8	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	13:30	BUP	GC-2	1.980	B096527	EPA 3550B

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RMC Geoscience (Geologic)
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Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	12	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21 14:03	JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.28	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 16:54		JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-06	Client Sample Name: Dunphy, D1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	9.6	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	210	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.36	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.96	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	30	mg/kg	0.50	0.050	EPA-6010B	0.092		1
Cobalt	9.3	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	65	mg/kg	1.0	0.050	EPA-6010B	0.11		1
Lead	260	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.22	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	31	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.31	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	37	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	360	mg/kg	2.5	0.087	EPA-6010B	0.29		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/29/20 11:45	12/30/20	14:30	JCC	PE-OP3	0.943	B096124	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:37	TMT	CETAC3	1.008	B096696	EPA 7471A

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775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	0.0077	mg/kg	0.0050	0.00064	EPA-8081A	ND	A01	1
4,4'-DDE	0.0029	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A01	1
4,4'-DDT	0.0037	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A01	1
Dieldrin	0.00095	mg/kg	0.0050	0.00036	EPA-8081A	ND	J,A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	59.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	59.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/30/20 23:46	HKS	GC-17	9.934	B096396	EPA 3550B

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-07		Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.013	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	0.013	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	26.7	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 21:17	HKS	GC-14	1.014	B096379	EPA 3550B

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-07		Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	17.5	%	40 - 120 (LCL - UCL)		EPA-8151A		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	12/31/20 05:07	OLH	GC-8	1.010	B096423	EPA 3550B

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-07							
Client Sample Name:	Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0024	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	0.0029	mg/kg	0.0050	0.00054	EPA-8260B	ND	J	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	0.0054	mg/kg	0.010	0.0043	EPA-8260B	ND	J	1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-07		Client Sample Name:	Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George				
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.021	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	0.0019	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	0.0046	mg/kg	0.0050	0.00074	EPA-8260B	ND	J	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	1.0	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	75.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	12/29/20 10:22	12/29/20 20:09	RCC	MS-V17	1	B096132 EPA 5030 Soil MS

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775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-07		Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-07		Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	23.7	%	20 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Phenol-d5 (Surrogate)	39.9	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Nitrobenzene-d5 (Surrogate)	43.0	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
2-Fluorobiphenyl (Surrogate)	42.0	%	30 - 140 (LCL - UCL)		EPA-8270C	ND	A10	1
2,4,6-Tribromophenol (Surrogate)	21.9	%	20 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1
p-Terphenyl-d14 (Surrogate)	46.5	%	30 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	04:57	MK1	MS-B2	9.468	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	240	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	54.0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	13:53	BUP	GC-2	1.974	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	20	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21	14:05	JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.43	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 17:21	JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLIC)

BCL Sample ID: 2037761-07	Client Sample Name: Dunphy, E1 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	7.3	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	370	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.38	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	1.2	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	30	mg/kg	0.50	0.050	EPA-6010B	0.092		1
Cobalt	11	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	110	mg/kg	1.0	0.050	EPA-6010B	0.11		1
Lead	910	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.22	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	32	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.42	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	35	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	1400	mg/kg	2.5	0.087	EPA-6010B	0.29		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/29/20 11:45	12/30/20	14:32	JCC	PE-OP3	0.943	B096124	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:40	TMT	CETAC3	1.025	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.027	0.00098	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.027	0.0021	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.027	0.0026	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.027	0.0020	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.027	0.00098	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	2.7	0.055	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.027	0.0035	EPA-8081A	ND	A10	1
4,4'-DDE	ND	mg/kg	0.027	0.0052	EPA-8081A	ND	A10	1
4,4'-DDT	ND	mg/kg	0.027	0.0022	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.027	0.0020	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.027	0.0011	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.027	0.0019	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.027	0.0014	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.027	0.0035	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.027	0.00098	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.027	0.0047	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.027	0.00093	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.027	0.0051	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	2.7	0.076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	90.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	103	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/31/20 00:02	HKS	GC-17	54.545	B096396	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-08		Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.16	0.036	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.16	0.052	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.16	0.041	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.16	0.024	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.16	0.033	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.16	0.025	EPA-8082	ND		1	
PCB-1260	0.10	mg/kg	0.16	0.028	EPA-8082	ND	J	1	
Total PCB's (Summation)	0.10	mg/kg	0.16	0.079	EPA-8082	ND	J	1	
Decachlorobiphenyl (Surrogate)	76.7	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20	21:27	HKS	GC-14	15.789	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-08		Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.32	0.047	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.63	0.11	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.79	0.11	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.032	0.0090	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.32	0.058	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.11	0.032	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.047	0.017	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.047	0.012	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	97.2	%	40 - 120 (LCL - UCL)		EPA-8151A			1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	01/05/21	13:23	OLH	GC-8	15.789	B096423	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0038	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-08	Client Sample Name:	Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	0.0011	mg/kg	0.0050	0.00097	EPA-8260B	ND	J	1
Toluene	0.0022	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	0.71	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	82.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/29/20 10:22	12/29/20 20:30		RCC	MS-V17	1	B096132	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-08		Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	18	0.98	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	270	0.83	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	8.9	0.69	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	8.9	0.73	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	8.9	1.2	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	45	1.2	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	8.9	0.67	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	8.9	0.86	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	18	0.60	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	8.9	1.3	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	8.9	0.61	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-08		Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	18	0.60	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	8.9	0.69	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	8.9	0.76	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	18	0.78	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	18	0.78	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	18	0.77	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	45	0.62	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	8.9	1.2	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	8.9	1.3	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	8.9	0.61	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	270	3.2	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	18	0.60	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	18	0.98	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-08	Client Sample Name:	Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	8.9	3.6	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
Phenanthrene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
Pyrene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	18	0.60	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	45	0.60	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	45	0.60	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	18	1.2	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	18	1.6	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	18	1.5	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	8.9	0.60	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	18	0.98	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	18	0.60	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	64.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	88.2	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	83.6	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	90.0	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	53.7	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	129	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	01:33	MK1	MS-B2	89.062	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	190	41	EPA-8015B/FFP	ND		1
TPH - Motor Oil	1200	mg/kg	380	130	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	91.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	14:16	BUP	GC-2	18.750	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	12	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21 14:11		JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.092	mg/L	0.50	0.030	EPA-6010B	0.039	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/20/21 10:45	01/20/21 17:23	JCC	PE-OP3	1	B097789	EPA 3050B

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RMC Geoscience (Geologic)
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-08	Client Sample Name: Dunphy, E2 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	9.0	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	220	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.41	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.78	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	32	mg/kg	0.50	0.050	EPA-6010B	0.094		1
Cobalt	10	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	88	mg/kg	1.0	0.050	EPA-6010B	0.11		1
Lead	230	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.63	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	39	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.14	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	37	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	230	mg/kg	2.5	0.087	EPA-6010B	0.29		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/29/20 11:45	12/30/20	14:34	JCC	PE-OP3	0.962	B096124	EPA 3050B
2	EPA-7471A	01/07/21 10:30	01/07/21	14:42	TMT	CETAC3	0.992	B096696	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037761-09	Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.020	0.00072	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.020	0.0015	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.020	0.0019	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.020	0.0015	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.020	0.00072	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	2.0	0.040	EPA-8081A	ND	A01	1
4,4'-DDD	0.011	mg/kg	0.020	0.0026	EPA-8081A	ND	J,A01	1
4,4'-DDE	0.0046	mg/kg	0.020	0.0038	EPA-8081A	ND	J,A01	1
4,4'-DDT	0.027	mg/kg	0.020	0.0016	EPA-8081A	ND	A01	1
Dieldrin	0.0056	mg/kg	0.020	0.0014	EPA-8081A	ND	J,A01	1
Endosulfan I	ND	mg/kg	0.020	0.00080	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.020	0.0014	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.020	0.0010	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.020	0.0026	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.020	0.00072	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.020	0.0034	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.020	0.00068	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.020	0.0038	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	2.0	0.056	EPA-8081A	ND	A01	1
TCMX (Surrogate)	57.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	67.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/31/20 00:19	HKS	GC-17	40	B096396	EPA 3550B

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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037761-09		Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.16	0.036	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.16	0.052	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.16	0.041	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.16	0.024	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.16	0.033	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.16	0.025	EPA-8082	ND		1	
PCB-1260	0.095	mg/kg	0.16	0.028	EPA-8082	ND	J	1	
Total PCB's (Summation)	0.095	mg/kg	0.16	0.079	EPA-8082	ND	J	1	
Decachlorobiphenyl (Surrogate)	80.0	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	12/30/20 13:30	12/30/20 21:38	HKS	GC-14	15.789	B096379	EPA 3550B

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775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037761-09		Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.38	0.056	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.75	0.13	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.94	0.13	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.038	0.011	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.38	0.069	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.13	0.038	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.056	0.021	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.056	0.014	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	76.5	%	40 - 120 (LCL - UCL)		EPA-8151A			1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	12/30/20 10:00	01/05/21	13:46	OLH	GC-8	18.750	B096423	EPA 3550B

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RMC Geoscience (Geologic)
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Qualls, Run #. Lists various chemical constituents and their analysis results.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037761-09	Client Sample Name:	Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	0.0016	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	0.63	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	87.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037761-09	Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/29/20 10:22	12/29/20 20:50		RCC	MS-V17	1	B096132	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037761-09		Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	25	1.4	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	370	1.2	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	12	0.95	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	12	1.0	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	12	1.6	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	62	1.7	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	12	0.93	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	12	1.2	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	25	0.83	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	12	1.9	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	12	0.84	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-09							
Client Sample Name:	Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	25	0.83	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	12	0.95	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	12	1.1	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	25	1.1	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	25	1.1	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	25	1.1	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	62	0.87	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	12	1.6	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	12	1.9	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	12	0.85	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	370	4.5	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	25	0.83	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	25	1.4	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037761-09	Client Sample Name:	Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	12	5.0	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
Phenanthrene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
Pyrene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	25	0.83	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	62	0.83	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	62	0.83	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	25	1.7	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	25	2.2	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	25	2.1	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	12	0.83	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	25	1.4	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	25	0.83	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	64.8	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	89.1	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	90.2	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	90.2	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	57.5	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	118	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	12/30/20 13:00	12/31/20	01:58	MK1	MS-B2	123.75	B096513	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037761-09	Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	250	55	EPA-8015B/FFP	ND		1
TPH - Motor Oil	1100	mg/kg	500	180	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	79.0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	12/30/20 18:05	01/04/21	14:39	BUP	GC-2	25	B096527	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037761-09	Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	18	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/17/21 13:00	01/18/21 14:13		JCC	PE-OP3	1	B097572	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037761-09	Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.061	mg/L	0.50	0.030	EPA-6010B	ND	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/29/21 13:30	01/30/21 01:05	JCC	PE-OP3	1	B098742	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037761-09		Client Sample Name: Dunphy, E3 (4:1 Composite), 0.0, 12/23/2020 12:00:00AM, Gregory George							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	9.5	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	260	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.92	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	34	mg/kg	0.50	0.050	EPA-6010B	0.088		1	
Cobalt	11	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	59	mg/kg	1.0	0.050	EPA-6010B	0.10		1	
Lead	280	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	0.46	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1	
Nickel	41	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	0.24	mg/kg	0.50	0.067	EPA-6010B	ND	J	1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	39	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	300	mg/kg	2.5	0.087	EPA-6010B	0.28		1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/29/20 11:45	12/30/20	14:35	JCC	PE-OP3	0.909	B096124	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	08:28	TMT	CETAC3	0.962	B096899	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096396						
Aldrin	B096396-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B096396-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B096396-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B096396-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B096396-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B096396-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B096396-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B096396-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B096396-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B096396-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B096396-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B096396-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B096396-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B096396-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B096396-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B096396-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B096396-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B096396-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B096396-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	B096396-BLK1	94.8	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	B096396-BLK1	107	%	40 - 130 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096396										
Aldrin	B096396-BS1	LCS	0.0050283	0.0049342	mg/kg	102		70 - 130		
gamma-BHC (Lindane)	B096396-BS1	LCS	0.0048490	0.0049342	mg/kg	98.3		60 - 140		
4,4'-DDT	B096396-BS1	LCS	0.0061043	0.0049342	mg/kg	124		60 - 140		
Dieldrin	B096396-BS1	LCS	0.0051395	0.0049342	mg/kg	104		70 - 130		
Endrin	B096396-BS1	LCS	0.0063859	0.0049342	mg/kg	129		60 - 140		
Heptachlor	B096396-BS1	LCS	0.0053743	0.0049342	mg/kg	109		60 - 140		
TCMX (Surrogate)	B096396-BS1	LCS	0.0076793	0.0098684	mg/kg	77.8		20 - 130		
Decachlorobiphenyl (Surrogate)	B096396-BS1	LCS	0.019959	0.019737	mg/kg	101		40 - 130		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab	
								Recovery	RPD		Recovery
QC Batch ID: B096396		Used client sample: N									
Aldrin	MS	2037384-70	ND	0.0052385	0.0050676	mg/kg		103		50 - 140	
	MSD	2037384-70	ND	0.0049987	0.0050167	mg/kg	4.7	99.6	30	50 - 140	
gamma-BHC (Lindane)	MS	2037384-70	ND	0.0050669	0.0050676	mg/kg		100		50 - 140	
	MSD	2037384-70	ND	0.0048017	0.0050167	mg/kg	5.4	95.7	30	50 - 140	
4,4'-DDT	MS	2037384-70	ND	0.0066801	0.0050676	mg/kg		132		50 - 140	
	MSD	2037384-70	ND	0.0058385	0.0050167	mg/kg	13.4	116	30	50 - 140	
Dieldrin	MS	2037384-70	ND	0.0054034	0.0050676	mg/kg		107		40 - 140	
	MSD	2037384-70	ND	0.0050823	0.0050167	mg/kg	6.1	101	30	40 - 140	
Endrin	MS	2037384-70	ND	0.0067186	0.0050676	mg/kg		133		50 - 150	
	MSD	2037384-70	ND	0.0061582	0.0050167	mg/kg	8.7	123	30	50 - 150	
Heptachlor	MS	2037384-70	ND	0.0055983	0.0050676	mg/kg		110		60 - 140	
	MSD	2037384-70	ND	0.0053177	0.0050167	mg/kg	5.1	106	30	60 - 140	
TCMX (Surrogate)	MS	2037384-70	ND	0.0079125	0.010135	mg/kg		78.1		20 - 130	
	MSD	2037384-70	ND	0.0076518	0.010033	mg/kg	3.3	76.3		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	2037384-70	ND	0.020851	0.020270	mg/kg		103		40 - 130	
	MSD	2037384-70	ND	0.019076	0.020067	mg/kg	8.9	95.1		40 - 130	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096379						
PCB-1016	B096379-BLK1	ND	mg/kg	0.010	0.0023	
PCB-1221	B096379-BLK1	ND	mg/kg	0.010	0.0033	
PCB-1232	B096379-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1242	B096379-BLK1	ND	mg/kg	0.010	0.0015	
PCB-1248	B096379-BLK1	ND	mg/kg	0.010	0.0021	
PCB-1254	B096379-BLK1	ND	mg/kg	0.010	0.0016	
PCB-1260	B096379-BLK1	ND	mg/kg	0.010	0.0018	
Total PCB's (Summation)	B096379-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	B096379-BLK1	63.3	%		40 - 120 (LCL - UCL)	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096379										
PCB-1016	B096379-BS1	LCS	0.074915	0.084746	mg/kg	88.4		60 - 120		
PCB-1260	B096379-BS1	LCS	0.072542	0.084746	mg/kg	85.6		60 - 120		
Decachlorobiphenyl (Surrogate)	B096379-BS1	LCS	0.017288	0.020339	mg/kg	85.0		40 - 120		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	Control Limits RPD	
QC Batch ID: B096379		Used client sample: N								
PCB-1016	MS	2037384-78	ND	0.071429	0.083056	mg/kg		86.0		60 - 120
	MSD	2037384-78	ND	0.075758	0.084175	mg/kg	5.9	90.0	30	60 - 120
PCB-1260	MS	2037384-78	ND	0.065116	0.083056	mg/kg		78.4		60 - 120
	MSD	2037384-78	ND	0.070034	0.084175	mg/kg	7.3	83.2	30	60 - 120
Decachlorobiphenyl (Surrogate)	MS	2037384-78	ND	0.015282	0.019934	mg/kg		76.7		40 - 120
	MSD	2037384-78	ND	0.016162	0.020202	mg/kg	5.6	80.0		40 - 120

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096423						
2,4-D	B096423-BLK1	ND	mg/kg	0.020	0.0030	
2,4-DB	B096423-BLK1	ND	mg/kg	0.040	0.0067	
Dalapon	B096423-BLK1	ND	mg/kg	0.050	0.0068	
Dicamba	B096423-BLK1	ND	mg/kg	0.0020	0.00057	
Dichloroprop	B096423-BLK1	ND	mg/kg	0.020	0.0037	
Dinoseb	B096423-BLK1	ND	mg/kg	0.0070	0.0020	
2,4,5-T	B096423-BLK1	ND	mg/kg	0.0030	0.0011	
2,4,5-TP (Silvex)	B096423-BLK1	ND	mg/kg	0.0030	0.00073	
2,4-Dichlorophenylacetic acid (Surrogate)	B096423-BLK1	87.8	%	40 - 120 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096423										
2,4-D	B096423-BS1	LCS	0.071523	0.079470	mg/kg	90.0		50	120	
2,4-DB	B096423-BS1	LCS	0.14868	0.17881	mg/kg	83.1		50	120	
Dicamba	B096423-BS1	LCS	0.016225	0.019868	mg/kg	81.7		50	120	
Dichloroprop	B096423-BS1	LCS	0.071192	0.079470	mg/kg	89.6		50	120	
Dinoseb	B096423-BS1	LCS	0.035762	0.039735	mg/kg	90.0		50	120	
2,4,5-T	B096423-BS1	LCS	0.018543	0.019868	mg/kg	93.3		30	120	
2,4,5-TP (Silvex)	B096423-BS1	LCS	0.017219	0.019868	mg/kg	86.7		50	120	
2,4-Dichlorophenylacetic acid (Surrogate)	B096423-BS1	LCS	0.10993	0.13245	mg/kg	83.0		40	120	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
QC Batch ID: B096423		Used client sample: N								
2,4-D	MS	2037384-73	ND	0.070805	0.080537	mg/kg		87.9		40 - 120
	MSD	2037384-73	ND	0.059539	0.078947	mg/kg	17.3	75.4	30	40 - 120
2,4-DB	MS	2037384-73	ND	0.11376	0.18121	mg/kg		62.8		50 - 120
	MSD	2037384-73	ND	0.072039	0.17763	mg/kg	44.9	40.6	30	50 - 120
Dicamba	MS	2037384-73	ND	0.017450	0.020134	mg/kg		86.7		50 - 120
	MSD	2037384-73	ND	0.016118	0.019737	mg/kg	7.9	81.7	30	50 - 120
Dichloroprop	MS	2037384-73	ND	0.072819	0.080537	mg/kg		90.4		40 - 120
	MSD	2037384-73	ND	0.058882	0.078947	mg/kg	21.2	74.6	30	40 - 120
Dinoseb	MS	2037384-73	ND	0.036913	0.040268	mg/kg		91.7		40 - 130
	MSD	2037384-73	ND	0.034539	0.039474	mg/kg	6.6	87.5	30	40 - 130
2,4,5-T	MS	2037384-73	ND	0.019799	0.020134	mg/kg		98.3		30 - 120
	MSD	2037384-73	ND	0.018092	0.019737	mg/kg	9.0	91.7	30	30 - 120
2,4,5-TP (Silvex)	MS	2037384-73	ND	0.017450	0.020134	mg/kg		86.7		40 - 120
	MSD	2037384-73	ND	0.016447	0.019737	mg/kg	5.9	83.3	30	40 - 120
2,4-Dichlorophenylacetic acid (Surrogate)	MS	2037384-73	ND	0.089597	0.13423	mg/kg		66.7		40 - 120
	MSD	2037384-73	ND	0.062829	0.13158	mg/kg	35.1	47.7		40 - 120

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096132						
Benzene	B096132-BLK1	ND	mg/kg	0.0050	0.00067	
Bromobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00087	
Bromochloromethane	B096132-BLK1	ND	mg/kg	0.0050	0.00081	
Bromodichloromethane	B096132-BLK1	ND	mg/kg	0.0050	0.00078	
Bromoform	B096132-BLK1	ND	mg/kg	0.0050	0.00070	
Bromomethane	B096132-BLK1	ND	mg/kg	0.0050	0.0017	
n-Butylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00076	
sec-Butylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00071	
tert-Butylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00085	
Carbon tetrachloride	B096132-BLK1	ND	mg/kg	0.0050	0.00078	
Chlorobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00077	
Chloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.0011	
Chloroform	B096132-BLK1	ND	mg/kg	0.0050	0.00090	
Chloromethane	B096132-BLK1	ND	mg/kg	0.0050	0.0011	
2-Chlorotoluene	B096132-BLK1	ND	mg/kg	0.0050	0.00087	
4-Chlorotoluene	B096132-BLK1	ND	mg/kg	0.0050	0.00070	
Dibromochloromethane	B096132-BLK1	ND	mg/kg	0.0050	0.00080	
1,2-Dibromo-3-chloropropane	B096132-BLK1	ND	mg/kg	0.0050	0.00096	
1,2-Dibromoethane	B096132-BLK1	ND	mg/kg	0.0050	0.00082	
Dibromomethane	B096132-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichlorobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00079	
1,3-Dichlorobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00073	
1,4-Dichlorobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00073	
Dichlorodifluoromethane	B096132-BLK1	ND	mg/kg	0.0050	0.00079	
1,1-Dichloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.00064	
1,2-Dichloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.00073	
1,1-Dichloroethene	B096132-BLK1	ND	mg/kg	0.0050	0.0011	
cis-1,2-Dichloroethene	B096132-BLK1	ND	mg/kg	0.0050	0.00054	
trans-1,2-Dichloroethene	B096132-BLK1	ND	mg/kg	0.0050	0.0037	
Total 1,2-Dichloroethene	B096132-BLK1	ND	mg/kg	0.010	0.0043	
1,2-Dichloropropane	B096132-BLK1	ND	mg/kg	0.0050	0.00080	
1,3-Dichloropropane	B096132-BLK1	ND	mg/kg	0.0050	0.00067	
2,2-Dichloropropane	B096132-BLK1	ND	mg/kg	0.0050	0.00067	
1,1-Dichloropropene	B096132-BLK1	ND	mg/kg	0.0050	0.00067	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096132						
cis-1,3-Dichloropropene	B096132-BLK1	ND	mg/kg	0.0050	0.00058	
trans-1,3-Dichloropropene	B096132-BLK1	ND	mg/kg	0.0050	0.00066	
Total 1,3-Dichloropropene	B096132-BLK1	ND	mg/kg	0.010	0.0013	
Ethylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00069	
Hexachlorobutadiene	B096132-BLK1	ND	mg/kg	0.0050	0.00067	
Isopropylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00080	
p-Isopropyltoluene	B096132-BLK1	ND	mg/kg	0.0050	0.00059	
Methylene chloride	B096132-BLK1	ND	mg/kg	0.010	0.0011	
Methyl t-butyl ether	B096132-BLK1	ND	mg/kg	0.0050	0.00056	
Naphthalene	B096132-BLK1	ND	mg/kg	0.0050	0.00099	
n-Propylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00071	
Styrene	B096132-BLK1	ND	mg/kg	0.0050	0.00062	
1,1,1,2-Tetrachloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.00095	
1,1,2,2-Tetrachloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.00084	
Tetrachloroethene	B096132-BLK1	ND	mg/kg	0.0050	0.00097	
Toluene	B096132-BLK1	ND	mg/kg	0.0050	0.00069	
1,2,3-Trichlorobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,4-Trichlorobenzene	B096132-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1-Trichloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.00067	
1,1,2-Trichloroethane	B096132-BLK1	ND	mg/kg	0.0050	0.00094	
Trichloroethene	B096132-BLK1	ND	mg/kg	0.0050	0.00074	
Trichlorofluoromethane	B096132-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,3-Trichloropropane	B096132-BLK1	ND	mg/kg	0.0050	0.0019	
1,1,2-Trichloro-1,2,2-trifluoroethane	B096132-BLK1	ND	mg/kg	0.0050	0.0010	
1,2,4-Trimethylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00080	
1,3,5-Trimethylbenzene	B096132-BLK1	ND	mg/kg	0.0050	0.00066	
Vinyl chloride	B096132-BLK1	ND	mg/kg	0.0050	0.00059	
Total Purgeable Petroleum Hydrocarbons	B096132-BLK1	ND	mg/kg	0.20	0.058	
1,2-Dichloroethane-d4 (Surrogate)	B096132-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B096132-BLK1	102	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B096132-BLK1	102	%	74 - 121 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096132										
Benzene	B096132-BS1	LCS	0.12597	0.12500	mg/kg	101		70 - 130		
Bromodichloromethane	B096132-BS1	LCS	0.11396	0.12500	mg/kg	91.2		70 - 130		
Chlorobenzene	B096132-BS1	LCS	0.11225	0.12500	mg/kg	89.8		70 - 130		
Chloroethane	B096132-BS1	LCS	0.13871	0.12500	mg/kg	111		70 - 130		
1,4-Dichlorobenzene	B096132-BS1	LCS	0.10835	0.12500	mg/kg	86.7		70 - 130		
1,1-Dichloroethane	B096132-BS1	LCS	0.12773	0.12500	mg/kg	102		70 - 130		
1,1-Dichloroethene	B096132-BS1	LCS	0.14215	0.12500	mg/kg	114		70 - 130		
Toluene	B096132-BS1	LCS	0.12808	0.12500	mg/kg	102		70 - 130		
Trichloroethene	B096132-BS1	LCS	0.12416	0.12500	mg/kg	99.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B096132-BS1	LCS	0.051880	0.050000	mg/kg	104		70 - 121		
Toluene-d8 (Surrogate)	B096132-BS1	LCS	0.051290	0.050000	mg/kg	103		81 - 117		
4-Bromofluorobenzene (Surrogate)	B096132-BS1	LCS	0.052480	0.050000	mg/kg	105		74 - 121		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096132		Used client sample: N								
Benzene	MS	2037384-40	ND	0.12428	0.12500	mg/kg		99.4		70 - 130
	MSD	2037384-40	ND	0.12492	0.12500	mg/kg	0.5	99.9	20	70 - 130
Bromodichloromethane	MS	2037384-40	ND	0.11871	0.12500	mg/kg		95.0		70 - 130
	MSD	2037384-40	ND	0.11231	0.12500	mg/kg	5.5	89.8	20	70 - 130
Chlorobenzene	MS	2037384-40	ND	0.11359	0.12500	mg/kg		90.9		70 - 130
	MSD	2037384-40	ND	0.11011	0.12500	mg/kg	3.1	88.1	20	70 - 130
Chloroethane	MS	2037384-40	ND	0.13721	0.12500	mg/kg		110		70 - 130
	MSD	2037384-40	ND	0.13983	0.12500	mg/kg	1.9	112	20	70 - 130
1,4-Dichlorobenzene	MS	2037384-40	ND	0.10955	0.12500	mg/kg		87.6		70 - 130
	MSD	2037384-40	ND	0.10363	0.12500	mg/kg	5.6	82.9	20	70 - 130
1,1-Dichloroethane	MS	2037384-40	ND	0.12711	0.12500	mg/kg		102		70 - 130
	MSD	2037384-40	ND	0.12696	0.12500	mg/kg	0.1	102	20	70 - 130
1,1-Dichloroethene	MS	2037384-40	ND	0.14036	0.12500	mg/kg		112		70 - 130
	MSD	2037384-40	ND	0.14726	0.12500	mg/kg	4.8	118	20	70 - 130
Toluene	MS	2037384-40	ND	0.13060	0.12500	mg/kg		104		70 - 130
	MSD	2037384-40	ND	0.13182	0.12500	mg/kg	0.9	105	20	70 - 130
Trichloroethene	MS	2037384-40	ND	0.12641	0.12500	mg/kg		101		70 - 130
	MSD	2037384-40	ND	0.12831	0.12500	mg/kg	1.5	103	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	2037384-40	ND	0.050830	0.050000	mg/kg		102		70 - 121
	MSD	2037384-40	ND	0.051550	0.050000	mg/kg	1.4	103		70 - 121
Toluene-d8 (Surrogate)	MS	2037384-40	ND	0.051590	0.050000	mg/kg		103		81 - 117
	MSD	2037384-40	ND	0.051820	0.050000	mg/kg	0.4	104		81 - 117
4-Bromofluorobenzene (Surrogate)	MS	2037384-40	ND	0.052310	0.050000	mg/kg		105		74 - 121
	MSD	2037384-40	ND	0.052910	0.050000	mg/kg	1.1	106		74 - 121

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096513						
Acenaphthene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Acenaphthylene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Aldrin	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Aniline	B096513-BLK1	ND	mg/kg	0.20	0.011	
Anthracene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Benzidine	B096513-BLK1	ND	mg/kg	3.0	0.0093	
Benzo[a]anthracene	B096513-BLK1	ND	mg/kg	0.10	0.0077	
Benzo[b]fluoranthene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[k]fluoranthene	B096513-BLK1	ND	mg/kg	0.10	0.0082	
Benzo[a]pyrene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[g,h,i]perylene	B096513-BLK1	ND	mg/kg	0.10	0.013	
Benzoic acid	B096513-BLK1	ND	mg/kg	0.50	0.014	
Benzyl alcohol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Benzyl butyl phthalate	B096513-BLK1	ND	mg/kg	0.10	0.0067	
alpha-BHC	B096513-BLK1	ND	mg/kg	0.10	0.0067	
beta-BHC	B096513-BLK1	ND	mg/kg	0.10	0.0075	
delta-BHC	B096513-BLK1	ND	mg/kg	0.10	0.0067	
gamma-BHC (Lindane)	B096513-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethoxy)methane	B096513-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethyl) ether	B096513-BLK1	ND	mg/kg	0.10	0.0097	
bis(2-Chloroisopropyl)ether	B096513-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Ethylhexyl)phthalate	B096513-BLK1	ND	mg/kg	0.20	0.0067	
4-Bromophenyl phenyl ether	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloroaniline	B096513-BLK1	ND	mg/kg	0.10	0.015	
2-Chloronaphthalene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4-Chlorophenyl phenyl ether	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Chrysene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDD	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDE	B096513-BLK1	ND	mg/kg	0.10	0.0068	
4,4'-DDT	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzo[a,h]anthracene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzofuran	B096513-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Dichlorobenzene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
1,3-Dichlorobenzene	B096513-BLK1	ND	mg/kg	0.10	0.0067	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096513						
1,4-Dichlorobenzene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
3,3-Dichlorobenzidine	B096513-BLK1	ND	mg/kg	0.20	0.0067	
Dieldrin	B096513-BLK1	ND	mg/kg	0.10	0.0077	
Diethyl phthalate	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Dimethyl phthalate	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-butyl phthalate	B096513-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dinitrotoluene	B096513-BLK1	ND	mg/kg	0.10	0.0085	
2,6-Dinitrotoluene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-octyl phthalate	B096513-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Diphenylhydrazine	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Endosulfan I	B096513-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan II	B096513-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan sulfate	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Endrin	B096513-BLK1	ND	mg/kg	0.20	0.0086	
Endrin aldehyde	B096513-BLK1	ND	mg/kg	0.50	0.0070	
Fluoranthene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Fluorene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor epoxide	B096513-BLK1	ND	mg/kg	0.10	0.013	
Hexachlorobenzene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorobutadiene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorocyclopentadiene	B096513-BLK1	ND	mg/kg	0.10	0.015	
Hexachloroethane	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Indeno[1,2,3-cd]pyrene	B096513-BLK1	ND	mg/kg	0.10	0.0069	
Isophorone	B096513-BLK1	ND	mg/kg	0.10	0.0067	
2-Methylnaphthalene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Naphthalene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
2-Naphthylamine	B096513-BLK1	ND	mg/kg	3.0	0.036	
2-Nitroaniline	B096513-BLK1	ND	mg/kg	0.10	0.0067	
3-Nitroaniline	B096513-BLK1	ND	mg/kg	0.20	0.0067	
4-Nitroaniline	B096513-BLK1	ND	mg/kg	0.20	0.011	
Nitrobenzene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
N-Nitrosodimethylamine	B096513-BLK1	ND	mg/kg	0.10	0.040	
N-Nitrosodi-N-propylamine	B096513-BLK1	ND	mg/kg	0.10	0.0067	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096513						
N-Nitrosodiphenylamine	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Phenanthrene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
Pyrene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
1,2,4-Trichlorobenzene	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloro-3-methylphenol	B096513-BLK1	ND	mg/kg	0.20	0.0067	
2-Chlorophenol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dichlorophenol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dimethylphenol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4,6-Dinitro-2-methylphenol	B096513-BLK1	ND	mg/kg	0.50	0.0067	
2,4-Dinitrophenol	B096513-BLK1	ND	mg/kg	0.50	0.0067	
2-Methylphenol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
3- & 4-Methylphenol	B096513-BLK1	ND	mg/kg	0.20	0.014	
2-Nitrophenol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
4-Nitrophenol	B096513-BLK1	ND	mg/kg	0.20	0.018	
Pentachlorophenol	B096513-BLK1	ND	mg/kg	0.20	0.017	
Phenol	B096513-BLK1	ND	mg/kg	0.10	0.0067	
2,4,5-Trichlorophenol	B096513-BLK1	ND	mg/kg	0.20	0.011	
2,4,6-Trichlorophenol	B096513-BLK1	ND	mg/kg	0.20	0.0067	
2-Fluorophenol (Surrogate)	B096513-BLK1	65.1	%	20 - 130 (LCL - UCL)		
Phenol-d5 (Surrogate)	B096513-BLK1	28.4	%	30 - 130 (LCL - UCL) S09		
Nitrobenzene-d5 (Surrogate)	B096513-BLK1	85.3	%	30 - 130 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	B096513-BLK1	75.4	%	30 - 140 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	B096513-BLK1	59.5	%	20 - 150 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	B096513-BLK1	76.6	%	30 - 150 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B096513										
Acenaphthene	B096513-BS1	LCS	1.3535	1.6835	mg/kg	80.4		50 - 130		
1,4-Dichlorobenzene	B096513-BS1	LCS	1.4421	1.6835	mg/kg	85.7		50 - 130		
2,4-Dinitrotoluene	B096513-BS1	LCS	1.6148	1.6835	mg/kg	95.9		50 - 130		
Hexachlorobenzene	B096513-BS1	LCS	1.6091	1.6835	mg/kg	95.6		40 - 130		
Hexachlorobutadiene	B096513-BS1	LCS	1.1300	1.6835	mg/kg	67.1		50 - 130		
Hexachloroethane	B096513-BS1	LCS	1.2956	1.6835	mg/kg	77.0		50 - 130		
Nitrobenzene	B096513-BS1	LCS	1.8168	1.6835	mg/kg	108		50 - 130		
N-Nitrosodi-N-propylamine	B096513-BS1	LCS	1.5717	1.6835	mg/kg	93.4		40 - 120		
Pyrene	B096513-BS1	LCS	1.4768	1.6835	mg/kg	87.7		40 - 150		
1,2,4-Trichlorobenzene	B096513-BS1	LCS	1.4902	1.6835	mg/kg	88.5		50 - 120		
4-Chloro-3-methylphenol	B096513-BS1	LCS	1.3471	1.6835	mg/kg	80.0		50 - 130		
2-Chlorophenol	B096513-BS1	LCS	1.2737	1.6835	mg/kg	75.7		50 - 130		
2-Methylphenol	B096513-BS1	LCS	1.1414	1.6835	mg/kg	67.8		50 - 130		
3- & 4-Methylphenol	B096513-BS1	LCS	2.1088	3.3670	mg/kg	62.6		50 - 130		
4-Nitrophenol	B096513-BS1	LCS	0.35926	1.6835	mg/kg	21.3		30 - 130		L21
Pentachlorophenol	B096513-BS1	LCS	0.87475	1.6835	mg/kg	52.0		20 - 130		
Phenol	B096513-BS1	LCS	0.54377	1.6835	mg/kg	32.3		40 - 120		L21
2,4,6-Trichlorophenol	B096513-BS1	LCS	1.4653	1.6835	mg/kg	87.0		50 - 130		
2-Fluorophenol (Surrogate)	B096513-BS1	LCS	0.50236	1.3468	mg/kg	37.3		20 - 130		
Phenol-d5 (Surrogate)	B096513-BS1	LCS	0.43300	1.3468	mg/kg	32.2		30 - 130		
Nitrobenzene-d5 (Surrogate)	B096513-BS1	LCS	1.3138	1.3468	mg/kg	97.5		30 - 130		
2-Fluorobiphenyl (Surrogate)	B096513-BS1	LCS	1.2347	1.3468	mg/kg	91.7		30 - 140		
2,4,6-Tribromophenol (Surrogate)	B096513-BS1	LCS	1.0508	1.3468	mg/kg	78.0		20 - 150		
p-Terphenyl-d14 (Surrogate)	B096513-BS1	LCS	0.61246	0.67340	mg/kg	91.0		30 - 150		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Control Limits Percent Recovery, Lab Qualls. Includes QC Batch ID: B096513 and Used client sample: N.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096513		Used client sample: N								
2-Fluorophenol (Surrogate)	MS	2037384-72	ND	0.96191	1.3289	mg/kg		72.4		20 - 130
	MSD	2037384-72	ND	0.64298	1.3201	mg/kg	39.7	48.7		20 - 130
Phenol-d5 (Surrogate)	MS	2037384-72	ND	0.50137	1.3289	mg/kg		37.7		30 - 130
	MSD	2037384-72	ND	0.46898	1.3201	mg/kg	6.7	35.5		30 - 130
Nitrobenzene-d5 (Surrogate)	MS	2037384-72	ND	1.2770	1.3289	mg/kg		96.1		30 - 130
	MSD	2037384-72	ND	1.2837	1.3201	mg/kg	0.5	97.2		30 - 130
2-Fluorobiphenyl (Surrogate)	MS	2037384-72	ND	1.1223	1.3289	mg/kg		84.5		30 - 140
	MSD	2037384-72	ND	1.2045	1.3201	mg/kg	7.1	91.2		30 - 140
2,4,6-Tribromophenol (Surrogate)	MS	2037384-72	ND	0.85571	1.3289	mg/kg		64.4		20 - 150
	MSD	2037384-72	ND	0.99552	1.3201	mg/kg	15.1	75.4		20 - 150
p-Terphenyl-d14 (Surrogate)	MS	2037384-72	ND	1.0480	0.66445	mg/kg		158		30 - 150
	MSD	2037384-72	ND	0.32020	0.66007	mg/kg	106	48.5		30 - 150

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096527						
TPH - Diesel (FFP)	B096527-BLK1	ND	mg/kg	10	2.2	
TPH - Motor Oil	B096527-BLK1	ND	mg/kg	20	7.0	
Tetracosane (Surrogate)	B096527-BLK1	72.5	%	20 - 145 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096527										
TPH - Diesel (FFP)	B096527-BS1	LCS	74.649	83.612	mg/kg	89.3		64 - 124		
Tetracosane (Surrogate)	B096527-BS1	LCS	2.6988	3.3445	mg/kg	80.7		20 - 145		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B096527		Used client sample: N									
TPH - Diesel (FFP)	MS	2037384-70	ND	75.385	84.746	mg/kg		89.0		52 - 131	
	MSD	2037384-70	ND	72.843	84.746	mg/kg	3.4	86.0	30	52 - 131	
Tetracosane (Surrogate)	MS	2037384-70	ND	2.8066	3.3898	mg/kg		82.8		20 - 145	
	MSD	2037384-70	ND	2.8397	3.3898	mg/kg	1.2	83.8		20 - 145	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B097572						
Lead	B097572-BLK1	ND	mg/L	0.50	0.16	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B097572										
Lead	B097572-BS1	LCS	20.739	20.000	mg/L	104		85	115	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B097572		Used client sample: N									
Lead	DUP	2030593-22	2.2099	2.2486		mg/L	1.7		20		
	MS	2030593-22	2.2099	22.766	20.408	mg/L		101		75 - 125	
	MSD	2030593-22	2.2099	22.993	20.408	mg/L	1.0	102	20	75 - 125	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B097789						
Lead	B097789-BLK1	0.039495	mg/L	0.50	0.030	J
QC Batch ID: B098742						
Lead	B098742-BLK1	ND	mg/L	0.50	0.030	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: B097789											
Lead	B097789-BS1	LCS	21.236	20.000	mg/L	106		85	115		
QC Batch ID: B098742											
Lead	B098742-BS1	LCS	20.245	20.000	mg/L	101		85	115		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab
									RPD	Percent Recovery	
QC Batch ID: B097789		Used client sample: Y - Description: D1 (4:1 Composite), 12/23/2020 00:00									
Lead	DUP	2037761-06	0.28401	0.25320		mg/L	11.5		20		J
	MS	2037761-06	0.28401	20.648	20.000	mg/L		102		75 - 125	
	MSD	2037761-06	0.28401	20.048	20.000	mg/L	2.9	98.8	20	75 - 125	
QC Batch ID: B098742		Used client sample: N									
Lead	DUP	2101248-03	ND	ND		mg/L			20		
	MS	2101248-03	ND	20.067	20.000	mg/L		100		75 - 125	
	MSD	2101248-03	ND	20.124	20.000	mg/L	0.3	101	20	75 - 125	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
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QC Batch ID: B096047

Antimony	B096047-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B096047-BLK1	ND	mg/kg	1.0	0.40	
Barium	B096047-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B096047-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B096047-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B096047-BLK1	0.095010	mg/kg	0.50	0.050	J
Cobalt	B096047-BLK1	ND	mg/kg	2.5	0.098	
Copper	B096047-BLK1	0.14350	mg/kg	1.0	0.050	J
Lead	B096047-BLK1	ND	mg/kg	2.5	0.41	
Molybdenum	B096047-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B096047-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B096047-BLK1	ND	mg/kg	1.0	0.98	
Silver	B096047-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B096047-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B096047-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B096047-BLK1	0.46103	mg/kg	2.5	0.087	J

QC Batch ID: B096124

Antimony	B096124-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B096124-BLK1	ND	mg/kg	1.0	0.40	
Barium	B096124-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B096124-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B096124-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B096124-BLK1	0.097260	mg/kg	0.50	0.050	J
Cobalt	B096124-BLK1	ND	mg/kg	2.5	0.098	
Copper	B096124-BLK1	0.11281	mg/kg	1.0	0.050	J
Lead	B096124-BLK1	ND	mg/kg	2.5	0.41	
Molybdenum	B096124-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B096124-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B096124-BLK1	ND	mg/kg	1.0	0.98	
Silver	B096124-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B096124-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B096124-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B096124-BLK1	0.30572	mg/kg	2.5	0.087	J

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTL)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096696						
Mercury	B096696-BLK1	ND	mg/kg	0.16	0.016	
QC Batch ID: B096899						
Mercury	B096899-BLK1	ND	mg/kg	0.16	0.016	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B096047										
Antimony	B096047-BS1	LCS	97.561	100.00	mg/kg	97.6		75 - 125		
Arsenic	B096047-BS1	LCS	18.163	20.000	mg/kg	90.8		75 - 125		
Barium	B096047-BS1	LCS	108.61	100.00	mg/kg	109		75 - 125		
Beryllium	B096047-BS1	LCS	9.8892	10.000	mg/kg	98.9		75 - 125		
Cadmium	B096047-BS1	LCS	9.9647	10.000	mg/kg	99.6		75 - 125		
Chromium	B096047-BS1	LCS	101.74	100.00	mg/kg	102		75 - 125		
Cobalt	B096047-BS1	LCS	98.832	100.00	mg/kg	98.8		75 - 125		
Copper	B096047-BS1	LCS	94.613	100.00	mg/kg	94.6		75 - 125		
Lead	B096047-BS1	LCS	105.94	100.00	mg/kg	106		75 - 125		
Molybdenum	B096047-BS1	LCS	98.035	100.00	mg/kg	98.0		75 - 125		
Nickel	B096047-BS1	LCS	103.83	100.00	mg/kg	104		75 - 125		
Selenium	B096047-BS1	LCS	18.407	20.000	mg/kg	92.0		75 - 125		
Silver	B096047-BS1	LCS	9.5556	10.000	mg/kg	95.6		75 - 125		
Thallium	B096047-BS1	LCS	109.27	100.00	mg/kg	109		75 - 125		
Vanadium	B096047-BS1	LCS	96.730	100.00	mg/kg	96.7		75 - 125		
Zinc	B096047-BS1	LCS	98.923	100.00	mg/kg	98.9		75 - 125		
QC Batch ID: B096124										
Antimony	B096124-BS1	LCS	96.874	100.00	mg/kg	96.9		75 - 125		
Arsenic	B096124-BS1	LCS	17.946	20.000	mg/kg	89.7		75 - 125		
Barium	B096124-BS1	LCS	109.79	100.00	mg/kg	110		75 - 125		
Beryllium	B096124-BS1	LCS	9.8570	10.000	mg/kg	98.6		75 - 125		
Cadmium	B096124-BS1	LCS	9.8654	10.000	mg/kg	98.7		75 - 125		
Chromium	B096124-BS1	LCS	99.120	100.00	mg/kg	99.1		75 - 125		
Cobalt	B096124-BS1	LCS	96.203	100.00	mg/kg	96.2		75 - 125		
Copper	B096124-BS1	LCS	95.153	100.00	mg/kg	95.2		75 - 125		
Lead	B096124-BS1	LCS	104.84	100.00	mg/kg	105		75 - 125		
Molybdenum	B096124-BS1	LCS	95.572	100.00	mg/kg	95.6		75 - 125		
Nickel	B096124-BS1	LCS	101.16	100.00	mg/kg	101		75 - 125		
Selenium	B096124-BS1	LCS	18.196	20.000	mg/kg	91.0		75 - 125		
Silver	B096124-BS1	LCS	9.3543	10.000	mg/kg	93.5		75 - 125		
Thallium	B096124-BS1	LCS	108.25	100.00	mg/kg	108		75 - 125		
Vanadium	B096124-BS1	LCS	96.356	100.00	mg/kg	96.4		75 - 125		
Zinc	B096124-BS1	LCS	96.310	100.00	mg/kg	96.3		75 - 125		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096696										
Mercury	B096696-BS1	LCS	0.86080	0.80000	mg/kg	108		80 - 120		
QC Batch ID: B096899										
Mercury	B096899-BS1	LCS	0.80480	0.80000	mg/kg	101		80 - 120		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes rows for various elements like Antimony, Arsenic, Barium, etc.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLIC)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes QC Batch ID: B096047 and QC Batch ID: B096124.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTL)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes QC Batch IDs B096124, B096696, and B096899.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 02/23/2021 9:28
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A01 Detection and quantitation limits are raised due to sample dilution.
- A02 The difference between duplicate readings is less than the quantitation limit.
- A10 Detection and quantitation limits were raised due to matrix interference.
- A20 Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
- A57 Chromatogram not typical of motor oil.
- L21 The Laboratory Control Sample Soil (LCSS) recovery is not within laboratory established control limits.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) was(were) not within the control limits.
- S09 The surrogate recovery for this compound was not within the control limits.

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Date of Report: 01/26/2021

Gregory George

RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Client Project: [none]
BCL Project: Dunphy Park
BCL Work Order: 2037959
Invoice ID: B403600, B404875

Enclosed are the results of analyses for samples received by the laboratory on 12/29/2020. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001117101

Sincerely,

Contact Person: Natalie Serda
Client Service Rep

Stuart Buttram
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

Sample Receipt

COC Number:

Samples received refrigerated to 2.4 °C

Sample List

<u>Lab Number</u>	<u>Date/Time Sampled</u>	<u>Sample Name</u>
2037959-01	12/28/2020 00:00	4:1 Composite D3
2037959-02	12/28/2020 00:00	4:1 Composite C3
2037959-03	12/28/2020 00:00	4:1 Composite B3
2037959-04	12/28/2020 00:00	4:1 Composite B2
2037959-05	12/28/2020 00:00	4:1 Composite C2
2037959-06	12/28/2020 00:00	4:1 Composite D2
2037959-07	12/28/2020 09:15	D3-1
2037959-08	12/28/2020 09:19	D3-3
2037959-09	12/28/2020 09:23	D3-5
2037959-10	12/28/2020 09:28	D3-6
2037959-11	12/28/2020 09:38	C3-1
2037959-12	12/28/2020 09:45	C3-2
2037959-13	12/28/2020 09:50	C3-4
2037959-14	12/28/2020 09:54	C3-6
2037959-15	12/28/2020 10:10	B3-1
2037959-16	12/28/2020 10:16	B3-2.5
2037959-17	12/28/2020 10:21	B3-4
2037959-18	12/28/2020 10:28	B3-6
2037959-19	12/28/2020 10:45	B2-1
2037959-20	12/28/2020 10:51	B2-3
2037959-21	12/28/2020 10:57	B2-5
2037959-22	12/28/2020 11:01	B2-6
2037959-23	12/28/2020 11:31	C2-1
2037959-24	12/28/2020 11:36	C2-2
2037959-25	12/28/2020 11:42	C2-4
2037959-26	12/28/2020 11:49	C2-6
2037959-27	12/28/2020 13:11	D2-1
2037959-28	12/28/2020 13:17	D2-3
2037959-29	12/28/2020 13:23	D2-5
2037959-30	12/28/2020 13:30	D2-6

Requested Analysis

EPA-6010B (STLC), EPA-6010B (TCLP), EPA-6010B (TTLC), EPA-7471A (TTLC), EPA-8015B/FFP, EPA-8081A, EPA-8082, EPA-8151A, EPA-8260B, EPA-8270C

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
---------------	----------------	-------------

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037959-01	EPA-8015B/FFP	TPH - Diesel (FFP) A52
2037959-01	EPA-8015B/FFP	TPH - Motor Oil A57
2037959-01	EPA-8081A	Aldrin A10
2037959-01	EPA-8081A	alpha-BHC A10
2037959-01	EPA-8081A	beta-BHC A10
2037959-01	EPA-8081A	delta-BHC A10
2037959-01	EPA-8081A	gamma-BHC (Lindane) A10
2037959-01	EPA-8081A	Chlordane (Technical) A10
2037959-01	EPA-8081A	4,4'-DDD A10
2037959-01	EPA-8081A	4,4'-DDE A10
2037959-01	EPA-8081A	4,4'-DDT A10
2037959-01	EPA-8081A	Dieldrin A10
2037959-01	EPA-8081A	Endosulfan I A10
2037959-01	EPA-8081A	Endosulfan II A10
2037959-01	EPA-8081A	Endosulfan sulfate A10
2037959-01	EPA-8081A	Endrin A10
2037959-01	EPA-8081A	Endrin aldehyde A10
2037959-01	EPA-8081A	Heptachlor A10
2037959-01	EPA-8081A	Heptachlor epoxide A10
2037959-01	EPA-8081A	Methoxychlor A10
2037959-01	EPA-8081A	Toxaphene A10
2037959-01	EPA-8081A	TCMX (Surrogate) A10
2037959-01	EPA-8081A	Decachlorobiphenyl (Surrogate) A10
2037959-01	EPA-8270C	Acenaphthene A10
2037959-01	EPA-8270C	Acenaphthylene A10
2037959-01	EPA-8270C	Aldrin A10
2037959-01	EPA-8270C	Aniline A10
2037959-01	EPA-8270C	Anthracene A10
2037959-01	EPA-8270C	Benzdine A10
2037959-01	EPA-8270C	Benzo[a]anthracene A10
2037959-01	EPA-8270C	Benzo[b]fluoranthene A10
2037959-01	EPA-8270C	Benzo[k]fluoranthene A10
2037959-01	EPA-8270C	Benzo[a]pyrene A10
2037959-01	EPA-8270C	Benzo[g,h,i]perylene A10
2037959-01	EPA-8270C	Benzoic acid A10
2037959-01	EPA-8270C	Benzyl alcohol A10
2037959-01	EPA-8270C	Benzyl butyl phthalate A10
2037959-01	EPA-8270C	alpha-BHC A10
2037959-01	EPA-8270C	beta-BHC A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-01	EPA-8270C	delta-BHC	A10
2037959-01	EPA-8270C	gamma-BHC (Lindane)	A10
2037959-01	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037959-01	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037959-01	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037959-01	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037959-01	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037959-01	EPA-8270C	4-Chloroaniline	A10
2037959-01	EPA-8270C	2-Chloronaphthalene	A10
2037959-01	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037959-01	EPA-8270C	Chrysene	A10
2037959-01	EPA-8270C	4,4'-DDD	A10
2037959-01	EPA-8270C	4,4'-DDE	A10
2037959-01	EPA-8270C	4,4'-DDT	A10
2037959-01	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037959-01	EPA-8270C	Dibenzofuran	A10
2037959-01	EPA-8270C	1,2-Dichlorobenzene	A10
2037959-01	EPA-8270C	1,3-Dichlorobenzene	A10
2037959-01	EPA-8270C	1,4-Dichlorobenzene	A10
2037959-01	EPA-8270C	3,3-Dichlorobenzidine	A10
2037959-01	EPA-8270C	Dieldrin	A10
2037959-01	EPA-8270C	Diethyl phthalate	A10
2037959-01	EPA-8270C	Dimethyl phthalate	A10
2037959-01	EPA-8270C	Di-n-butyl phthalate	A10
2037959-01	EPA-8270C	2,4-Dinitrotoluene	A10
2037959-01	EPA-8270C	2,6-Dinitrotoluene	A10
2037959-01	EPA-8270C	Di-n-octyl phthalate	A10
2037959-01	EPA-8270C	1,2-Diphenylhydrazine	A10
2037959-01	EPA-8270C	Endosulfan I	A10
2037959-01	EPA-8270C	Endosulfan II	A10
2037959-01	EPA-8270C	Endosulfan sulfate	A10
2037959-01	EPA-8270C	Endrin	A10
2037959-01	EPA-8270C	Endrin aldehyde	A10
2037959-01	EPA-8270C	Fluoranthene	A10
2037959-01	EPA-8270C	Fluorene	A10
2037959-01	EPA-8270C	Heptachlor	A10
2037959-01	EPA-8270C	Heptachlor epoxide	A10
2037959-01	EPA-8270C	Hexachlorobenzene	A10
2037959-01	EPA-8270C	Hexachlorobutadiene	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-01	EPA-8270C	Hexachlorocyclopentadiene	A10
2037959-01	EPA-8270C	Hexachloroethane	A10
2037959-01	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037959-01	EPA-8270C	Isophorone	A10
2037959-01	EPA-8270C	2-Methylnaphthalene	A10
2037959-01	EPA-8270C	Naphthalene	A10
2037959-01	EPA-8270C	2-Naphthylamine	A10
2037959-01	EPA-8270C	2-Nitroaniline	A10
2037959-01	EPA-8270C	3-Nitroaniline	A10
2037959-01	EPA-8270C	4-Nitroaniline	A10
2037959-01	EPA-8270C	Nitrobenzene	A10
2037959-01	EPA-8270C	N-Nitrosodimethylamine	A10
2037959-01	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037959-01	EPA-8270C	N-Nitrosodiphenylamine	A10
2037959-01	EPA-8270C	Phenanthrene	A10
2037959-01	EPA-8270C	Pyrene	A10
2037959-01	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037959-01	EPA-8270C	4-Chloro-3-methylphenol	A10
2037959-01	EPA-8270C	2-Chlorophenol	A10
2037959-01	EPA-8270C	2,4-Dichlorophenol	A10
2037959-01	EPA-8270C	2,4-Dimethylphenol	A10
2037959-01	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037959-01	EPA-8270C	2,4-Dinitrophenol	A10
2037959-01	EPA-8270C	2-Methylphenol	A10
2037959-01	EPA-8270C	3- & 4-Methylphenol	A10
2037959-01	EPA-8270C	2-Nitrophenol	A10
2037959-01	EPA-8270C	4-Nitrophenol	A10
2037959-01	EPA-8270C	Pentachlorophenol	A10
2037959-01	EPA-8270C	Phenol	A10
2037959-01	EPA-8270C	2,4,5-Trichlorophenol	A10
2037959-01	EPA-8270C	2,4,6-Trichlorophenol	A10
2037959-01	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037959-01	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037959-01	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037959-01	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037959-01	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037959-01	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037959-02	EPA-8015B/FFP	TPH - Motor Oil	A57
2037959-02	EPA-8081A	Aldrin	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-02	EPA-8081A	alpha-BHC	A10
2037959-02	EPA-8081A	beta-BHC	A10
2037959-02	EPA-8081A	delta-BHC	A10
2037959-02	EPA-8081A	gamma-BHC (Lindane)	A10
2037959-02	EPA-8081A	Chlordane (Technical)	A10
2037959-02	EPA-8081A	4,4'-DDD	A10
2037959-02	EPA-8081A	4,4'-DDE	A10
2037959-02	EPA-8081A	4,4'-DDT	A10
2037959-02	EPA-8081A	Dieldrin	A10
2037959-02	EPA-8081A	Endosulfan I	A10
2037959-02	EPA-8081A	Endosulfan II	A10
2037959-02	EPA-8081A	Endosulfan sulfate	A10
2037959-02	EPA-8081A	Endrin	A10
2037959-02	EPA-8081A	Endrin aldehyde	A10
2037959-02	EPA-8081A	Heptachlor	A10
2037959-02	EPA-8081A	Heptachlor epoxide	A10
2037959-02	EPA-8081A	Methoxychlor	A10
2037959-02	EPA-8081A	Toxaphene	A10
2037959-02	EPA-8081A	TCMX (Surrogate)	A10
2037959-02	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037959-02	EPA-8081A	Decachlorobiphenyl (Surrogate)	A19
2037959-02	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	S09
2037959-02	EPA-8260B	Benzene	Z1
2037959-02	EPA-8260B	Bromobenzene	Z1
2037959-02	EPA-8260B	Bromochloromethane	Z1
2037959-02	EPA-8260B	Bromodichloromethane	Z1
2037959-02	EPA-8260B	Bromoform	Z1
2037959-02	EPA-8260B	Bromomethane	Z1
2037959-02	EPA-8260B	n-Butylbenzene	Z1
2037959-02	EPA-8260B	sec-Butylbenzene	Z1
2037959-02	EPA-8260B	tert-Butylbenzene	Z1
2037959-02	EPA-8260B	Carbon tetrachloride	Z1
2037959-02	EPA-8260B	Chlorobenzene	Z1
2037959-02	EPA-8260B	Chloroethane	Z1
2037959-02	EPA-8260B	Chloroform	Z1
2037959-02	EPA-8260B	Chloromethane	Z1
2037959-02	EPA-8260B	2-Chlorotoluene	Z1
2037959-02	EPA-8260B	4-Chlorotoluene	Z1
2037959-02	EPA-8260B	Dibromochloromethane	Z1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037959-02	EPA-8260B	1,2-Dibromo-3-chloropropane Z1
2037959-02	EPA-8260B	1,2-Dibromoethane Z1
2037959-02	EPA-8260B	Dibromomethane Z1
2037959-02	EPA-8260B	1,2-Dichlorobenzene Z1
2037959-02	EPA-8260B	1,3-Dichlorobenzene Z1
2037959-02	EPA-8260B	1,4-Dichlorobenzene Z1
2037959-02	EPA-8260B	Dichlorodifluoromethane Z1
2037959-02	EPA-8260B	1,1-Dichloroethane Z1
2037959-02	EPA-8260B	1,2-Dichloroethane Z1
2037959-02	EPA-8260B	1,1-Dichloroethene Z1
2037959-02	EPA-8260B	cis-1,2-Dichloroethene Z1
2037959-02	EPA-8260B	trans-1,2-Dichloroethene Z1
2037959-02	EPA-8260B	Total 1,2-Dichloroethene Z1
2037959-02	EPA-8260B	1,2-Dichloropropane Z1
2037959-02	EPA-8260B	1,3-Dichloropropane Z1
2037959-02	EPA-8260B	2,2-Dichloropropane Z1
2037959-02	EPA-8260B	1,1-Dichloropropene Z1
2037959-02	EPA-8260B	cis-1,3-Dichloropropene Z1
2037959-02	EPA-8260B	trans-1,3-Dichloropropene Z1
2037959-02	EPA-8260B	Total 1,3-Dichloropropene Z1
2037959-02	EPA-8260B	Ethylbenzene Z1
2037959-02	EPA-8260B	Hexachlorobutadiene Z1
2037959-02	EPA-8260B	Isopropylbenzene Z1
2037959-02	EPA-8260B	p-Isopropyltoluene Z1
2037959-02	EPA-8260B	Methylene chloride Z1
2037959-02	EPA-8260B	Methyl t-butyl ether Z1
2037959-02	EPA-8260B	Naphthalene Z1
2037959-02	EPA-8260B	n-Propylbenzene Z1
2037959-02	EPA-8260B	Styrene Z1
2037959-02	EPA-8260B	1,1,1,2-Tetrachloroethane Z1
2037959-02	EPA-8260B	1,1,2,2-Tetrachloroethane Z1
2037959-02	EPA-8260B	Tetrachloroethene Z1
2037959-02	EPA-8260B	Toluene Z1
2037959-02	EPA-8260B	1,2,3-Trichlorobenzene Z1
2037959-02	EPA-8260B	1,2,4-Trichlorobenzene Z1
2037959-02	EPA-8260B	1,1,1-Trichloroethane Z1
2037959-02	EPA-8260B	1,1,2-Trichloroethane Z1
2037959-02	EPA-8260B	Trichloroethene Z1
2037959-02	EPA-8260B	Trichlorofluoromethane Z1

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Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-02	EPA-8260B	1,2,3-Trichloropropane	Z1
2037959-02	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2037959-02	EPA-8260B	1,2,4-Trimethylbenzene	Z1
2037959-02	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2037959-02	EPA-8260B	Vinyl chloride	Z1
2037959-02	EPA-8270C	Acenaphthene	A10
2037959-02	EPA-8270C	Acenaphthylene	A10
2037959-02	EPA-8270C	Aldrin	A10
2037959-02	EPA-8270C	Aniline	A10
2037959-02	EPA-8270C	Anthracene	A10
2037959-02	EPA-8270C	Benzidine	A10
2037959-02	EPA-8270C	Benzo[a]anthracene	A10
2037959-02	EPA-8270C	Benzo[b]fluoranthene	A10
2037959-02	EPA-8270C	Benzo[k]fluoranthene	A10
2037959-02	EPA-8270C	Benzo[a]pyrene	A10
2037959-02	EPA-8270C	Benzo[g,h,i]perylene	A10
2037959-02	EPA-8270C	Benzoic acid	A10
2037959-02	EPA-8270C	Benzyl alcohol	A10
2037959-02	EPA-8270C	Benzyl butyl phthalate	A10
2037959-02	EPA-8270C	alpha-BHC	A10
2037959-02	EPA-8270C	beta-BHC	A10
2037959-02	EPA-8270C	delta-BHC	A10
2037959-02	EPA-8270C	gamma-BHC (Lindane)	A10
2037959-02	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037959-02	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037959-02	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037959-02	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037959-02	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037959-02	EPA-8270C	4-Chloroaniline	A10
2037959-02	EPA-8270C	2-Chloronaphthalene	A10
2037959-02	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037959-02	EPA-8270C	Chrysene	A10
2037959-02	EPA-8270C	4,4'-DDD	A10
2037959-02	EPA-8270C	4,4'-DDE	A10
2037959-02	EPA-8270C	4,4'-DDT	A10
2037959-02	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037959-02	EPA-8270C	Dibenzofuran	A10
2037959-02	EPA-8270C	1,2-Dichlorobenzene	A10
2037959-02	EPA-8270C	1,3-Dichlorobenzene	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-02	EPA-8270C	1,4-Dichlorobenzene	A10
2037959-02	EPA-8270C	3,3-Dichlorobenzidine	A10
2037959-02	EPA-8270C	Dieldrin	A10
2037959-02	EPA-8270C	Diethyl phthalate	A10
2037959-02	EPA-8270C	Dimethyl phthalate	A10
2037959-02	EPA-8270C	Di-n-butyl phthalate	A10
2037959-02	EPA-8270C	2,4-Dinitrotoluene	A10
2037959-02	EPA-8270C	2,6-Dinitrotoluene	A10
2037959-02	EPA-8270C	Di-n-octyl phthalate	A10
2037959-02	EPA-8270C	1,2-Diphenylhydrazine	A10
2037959-02	EPA-8270C	Endosulfan I	A10
2037959-02	EPA-8270C	Endosulfan II	A10
2037959-02	EPA-8270C	Endosulfan sulfate	A10
2037959-02	EPA-8270C	Endrin	A10
2037959-02	EPA-8270C	Endrin aldehyde	A10
2037959-02	EPA-8270C	Fluoranthene	A10
2037959-02	EPA-8270C	Fluorene	A10
2037959-02	EPA-8270C	Heptachlor	A10
2037959-02	EPA-8270C	Heptachlor epoxide	A10
2037959-02	EPA-8270C	Hexachlorobenzene	A10
2037959-02	EPA-8270C	Hexachlorobutadiene	A10
2037959-02	EPA-8270C	Hexachlorocyclopentadiene	A10
2037959-02	EPA-8270C	Hexachloroethane	A10
2037959-02	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037959-02	EPA-8270C	Isophorone	A10
2037959-02	EPA-8270C	2-Methylnaphthalene	A10
2037959-02	EPA-8270C	Naphthalene	A10
2037959-02	EPA-8270C	2-Naphthylamine	A10
2037959-02	EPA-8270C	2-Nitroaniline	A10
2037959-02	EPA-8270C	3-Nitroaniline	A10
2037959-02	EPA-8270C	4-Nitroaniline	A10
2037959-02	EPA-8270C	Nitrobenzene	A10
2037959-02	EPA-8270C	N-Nitrosodimethylamine	A10
2037959-02	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037959-02	EPA-8270C	N-Nitrosodiphenylamine	A10
2037959-02	EPA-8270C	Phenanthrene	A10
2037959-02	EPA-8270C	Pyrene	A10
2037959-02	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037959-02	EPA-8270C	4-Chloro-3-methylphenol	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-02	EPA-8270C	2-Chlorophenol	A10
2037959-02	EPA-8270C	2,4-Dichlorophenol	A10
2037959-02	EPA-8270C	2,4-Dimethylphenol	A10
2037959-02	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037959-02	EPA-8270C	2,4-Dinitrophenol	A10
2037959-02	EPA-8270C	2-Methylphenol	A10
2037959-02	EPA-8270C	3- & 4-Methylphenol	A10
2037959-02	EPA-8270C	2-Nitrophenol	A10
2037959-02	EPA-8270C	4-Nitrophenol	A10
2037959-02	EPA-8270C	Pentachlorophenol	A10
2037959-02	EPA-8270C	Phenol	A10
2037959-02	EPA-8270C	2,4,5-Trichlorophenol	A10
2037959-02	EPA-8270C	2,4,6-Trichlorophenol	A10
2037959-02	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037959-02	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037959-02	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037959-02	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037959-02	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037959-02	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037959-02	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2037959-03	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2037959-03	EPA-8015B/FFP	TPH - Motor Oil	A57
2037959-03	EPA-8081A	TCMX (Surrogate)	A19
2037959-03	EPA-8081A	Decachlorobiphenyl (Surrogate)	A19
2037959-03	EPA-8270C	Acenaphthene	A10
2037959-03	EPA-8270C	Acenaphthylene	A10
2037959-03	EPA-8270C	Aldrin	A10
2037959-03	EPA-8270C	Aniline	A10
2037959-03	EPA-8270C	Anthracene	A10
2037959-03	EPA-8270C	Benzidine	A10
2037959-03	EPA-8270C	Benzo[a]anthracene	A10
2037959-03	EPA-8270C	Benzo[b]fluoranthene	A10
2037959-03	EPA-8270C	Benzo[k]fluoranthene	A10
2037959-03	EPA-8270C	Benzo[a]pyrene	A10
2037959-03	EPA-8270C	Benzo[g,h,i]perylene	A10
2037959-03	EPA-8270C	Benzoic acid	A10
2037959-03	EPA-8270C	Benzyl alcohol	A10
2037959-03	EPA-8270C	Benzyl butyl phthalate	A10
2037959-03	EPA-8270C	alpha-BHC	A10

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Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-03	EPA-8270C	beta-BHC	A10
2037959-03	EPA-8270C	delta-BHC	A10
2037959-03	EPA-8270C	gamma-BHC (Lindane)	A10
2037959-03	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037959-03	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037959-03	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037959-03	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037959-03	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037959-03	EPA-8270C	4-Chloroaniline	A10
2037959-03	EPA-8270C	2-Chloronaphthalene	A10
2037959-03	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037959-03	EPA-8270C	Chrysene	A10
2037959-03	EPA-8270C	4,4'-DDD	A10
2037959-03	EPA-8270C	4,4'-DDE	A10
2037959-03	EPA-8270C	4,4'-DDT	A10
2037959-03	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037959-03	EPA-8270C	Dibenzofuran	A10
2037959-03	EPA-8270C	1,2-Dichlorobenzene	A10
2037959-03	EPA-8270C	1,3-Dichlorobenzene	A10
2037959-03	EPA-8270C	1,4-Dichlorobenzene	A10
2037959-03	EPA-8270C	3,3-Dichlorobenzidine	A10
2037959-03	EPA-8270C	Dieldrin	A10
2037959-03	EPA-8270C	Diethyl phthalate	A10
2037959-03	EPA-8270C	Dimethyl phthalate	A10
2037959-03	EPA-8270C	Di-n-butyl phthalate	A10
2037959-03	EPA-8270C	2,4-Dinitrotoluene	A10
2037959-03	EPA-8270C	2,6-Dinitrotoluene	A10
2037959-03	EPA-8270C	Di-n-octyl phthalate	A10
2037959-03	EPA-8270C	1,2-Diphenylhydrazine	A10
2037959-03	EPA-8270C	Endosulfan I	A10
2037959-03	EPA-8270C	Endosulfan II	A10
2037959-03	EPA-8270C	Endosulfan sulfate	A10
2037959-03	EPA-8270C	Endrin	A10
2037959-03	EPA-8270C	Endrin aldehyde	A10
2037959-03	EPA-8270C	Fluoranthene	A10
2037959-03	EPA-8270C	Fluorene	A10
2037959-03	EPA-8270C	Heptachlor	A10
2037959-03	EPA-8270C	Heptachlor epoxide	A10
2037959-03	EPA-8270C	Hexachlorobenzene	A10

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Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-03	EPA-8270C	Hexachlorobutadiene	A10
2037959-03	EPA-8270C	Hexachlorocyclopentadiene	A10
2037959-03	EPA-8270C	Hexachloroethane	A10
2037959-03	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037959-03	EPA-8270C	Isophorone	A10
2037959-03	EPA-8270C	2-Methylnaphthalene	A10
2037959-03	EPA-8270C	Naphthalene	A10
2037959-03	EPA-8270C	2-Naphthylamine	A10
2037959-03	EPA-8270C	2-Nitroaniline	A10
2037959-03	EPA-8270C	3-Nitroaniline	A10
2037959-03	EPA-8270C	4-Nitroaniline	A10
2037959-03	EPA-8270C	Nitrobenzene	A10
2037959-03	EPA-8270C	N-Nitrosodimethylamine	A10
2037959-03	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037959-03	EPA-8270C	N-Nitrosodiphenylamine	A10
2037959-03	EPA-8270C	Phenanthrene	A10
2037959-03	EPA-8270C	Pyrene	A10
2037959-03	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037959-03	EPA-8270C	4-Chloro-3-methylphenol	A10
2037959-03	EPA-8270C	2-Chlorophenol	A10
2037959-03	EPA-8270C	2,4-Dichlorophenol	A10
2037959-03	EPA-8270C	2,4-Dimethylphenol	A10
2037959-03	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037959-03	EPA-8270C	2,4-Dinitrophenol	A10
2037959-03	EPA-8270C	2-Methylphenol	A10
2037959-03	EPA-8270C	3- & 4-Methylphenol	A10
2037959-03	EPA-8270C	2-Nitrophenol	A10
2037959-03	EPA-8270C	4-Nitrophenol	A10
2037959-03	EPA-8270C	Pentachlorophenol	A10
2037959-03	EPA-8270C	Phenol	A10
2037959-03	EPA-8270C	2,4,5-Trichlorophenol	A10
2037959-03	EPA-8270C	2,4,6-Trichlorophenol	A10
2037959-03	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037959-03	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037959-03	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037959-03	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037959-03	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037959-03	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037959-04	EPA-8015B/FFP	TPH - Diesel (FFP)	A52

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-04	EPA-8015B/FFP	TPH - Motor Oil	A57
2037959-04	EPA-8081A	TCMX (Surrogate)	A19
2037959-04	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037959-04	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	S09
2037959-04	EPA-8270C	Acenaphthene	A10
2037959-04	EPA-8270C	Acenaphthylene	A10
2037959-04	EPA-8270C	Aldrin	A10
2037959-04	EPA-8270C	Aniline	A10
2037959-04	EPA-8270C	Anthracene	A10
2037959-04	EPA-8270C	Benzidine	A10
2037959-04	EPA-8270C	Benzo[a]anthracene	A10
2037959-04	EPA-8270C	Benzo[b]fluoranthene	A10
2037959-04	EPA-8270C	Benzo[k]fluoranthene	A10
2037959-04	EPA-8270C	Benzo[a]pyrene	A10
2037959-04	EPA-8270C	Benzo[g,h,i]perylene	A10
2037959-04	EPA-8270C	Benzoic acid	A10
2037959-04	EPA-8270C	Benzyl alcohol	A10
2037959-04	EPA-8270C	Benzyl butyl phthalate	A10
2037959-04	EPA-8270C	alpha-BHC	A10
2037959-04	EPA-8270C	beta-BHC	A10
2037959-04	EPA-8270C	delta-BHC	A10
2037959-04	EPA-8270C	gamma-BHC (Lindane)	A10
2037959-04	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037959-04	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037959-04	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037959-04	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037959-04	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037959-04	EPA-8270C	4-Chloroaniline	A10
2037959-04	EPA-8270C	2-Chloronaphthalene	A10
2037959-04	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037959-04	EPA-8270C	Chrysene	A10
2037959-04	EPA-8270C	4,4'-DDD	A10
2037959-04	EPA-8270C	4,4'-DDE	A10
2037959-04	EPA-8270C	4,4'-DDT	A10
2037959-04	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037959-04	EPA-8270C	Dibenzofuran	A10
2037959-04	EPA-8270C	1,2-Dichlorobenzene	A10
2037959-04	EPA-8270C	1,3-Dichlorobenzene	A10
2037959-04	EPA-8270C	1,4-Dichlorobenzene	A10

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-04	EPA-8270C	3,3-Dichlorobenzidine	A10
2037959-04	EPA-8270C	Dieldrin	A10
2037959-04	EPA-8270C	Diethyl phthalate	A10
2037959-04	EPA-8270C	Dimethyl phthalate	A10
2037959-04	EPA-8270C	Di-n-butyl phthalate	A10
2037959-04	EPA-8270C	2,4-Dinitrotoluene	A10
2037959-04	EPA-8270C	2,6-Dinitrotoluene	A10
2037959-04	EPA-8270C	Di-n-octyl phthalate	A10
2037959-04	EPA-8270C	1,2-Diphenylhydrazine	A10
2037959-04	EPA-8270C	Endosulfan I	A10
2037959-04	EPA-8270C	Endosulfan II	A10
2037959-04	EPA-8270C	Endosulfan sulfate	A10
2037959-04	EPA-8270C	Endrin	A10
2037959-04	EPA-8270C	Endrin aldehyde	A10
2037959-04	EPA-8270C	Fluoranthene	A10
2037959-04	EPA-8270C	Fluorene	A10
2037959-04	EPA-8270C	Heptachlor	A10
2037959-04	EPA-8270C	Heptachlor epoxide	A10
2037959-04	EPA-8270C	Hexachlorobenzene	A10
2037959-04	EPA-8270C	Hexachlorobutadiene	A10
2037959-04	EPA-8270C	Hexachlorocyclopentadiene	A10
2037959-04	EPA-8270C	Hexachloroethane	A10
2037959-04	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037959-04	EPA-8270C	Isophorone	A10
2037959-04	EPA-8270C	2-Methylnaphthalene	A10
2037959-04	EPA-8270C	Naphthalene	A10
2037959-04	EPA-8270C	2-Naphthylamine	A10
2037959-04	EPA-8270C	2-Nitroaniline	A10
2037959-04	EPA-8270C	3-Nitroaniline	A10
2037959-04	EPA-8270C	4-Nitroaniline	A10
2037959-04	EPA-8270C	Nitrobenzene	A10
2037959-04	EPA-8270C	N-Nitrosodimethylamine	A10
2037959-04	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037959-04	EPA-8270C	N-Nitrosodiphenylamine	A10
2037959-04	EPA-8270C	Phenanthrene	A10
2037959-04	EPA-8270C	Pyrene	A10
2037959-04	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037959-04	EPA-8270C	4-Chloro-3-methylphenol	A10
2037959-04	EPA-8270C	2-Chlorophenol	A10

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Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-04	EPA-8270C	2,4-Dichlorophenol	A10
2037959-04	EPA-8270C	2,4-Dimethylphenol	A10
2037959-04	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037959-04	EPA-8270C	2,4-Dinitrophenol	A10
2037959-04	EPA-8270C	2-Methylphenol	A10
2037959-04	EPA-8270C	3- & 4-Methylphenol	A10
2037959-04	EPA-8270C	2-Nitrophenol	A10
2037959-04	EPA-8270C	4-Nitrophenol	A10
2037959-04	EPA-8270C	Pentachlorophenol	A10
2037959-04	EPA-8270C	Phenol	A10
2037959-04	EPA-8270C	2,4,5-Trichlorophenol	A10
2037959-04	EPA-8270C	2,4,6-Trichlorophenol	A10
2037959-04	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037959-04	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037959-04	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037959-04	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037959-04	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037959-04	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037959-05	EPA-8015B/FFP	TPH - Motor Oil	A57
2037959-05	EPA-8081A	TCMX (Surrogate)	A19
2037959-05	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037959-05	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	S09
2037959-05	EPA-8260B	Benzene	Z1
2037959-05	EPA-8260B	Bromobenzene	Z1
2037959-05	EPA-8260B	Bromochloromethane	Z1
2037959-05	EPA-8260B	Bromodichloromethane	Z1
2037959-05	EPA-8260B	Bromoform	Z1
2037959-05	EPA-8260B	Bromomethane	Z1
2037959-05	EPA-8260B	n-Butylbenzene	Z1
2037959-05	EPA-8260B	sec-Butylbenzene	Z1
2037959-05	EPA-8260B	tert-Butylbenzene	Z1
2037959-05	EPA-8260B	Carbon tetrachloride	Z1
2037959-05	EPA-8260B	Chlorobenzene	Z1
2037959-05	EPA-8260B	Chloroethane	Z1
2037959-05	EPA-8260B	Chloroform	Z1
2037959-05	EPA-8260B	Chloromethane	Z1
2037959-05	EPA-8260B	2-Chlorotoluene	Z1
2037959-05	EPA-8260B	4-Chlorotoluene	Z1
2037959-05	EPA-8260B	Dibromochloromethane	Z1

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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-05	EPA-8260B	1,2-Dibromo-3-chloropropane	Z1
2037959-05	EPA-8260B	1,2-Dibromoethane	Z1
2037959-05	EPA-8260B	Dibromomethane	Z1
2037959-05	EPA-8260B	1,2-Dichlorobenzene	Z1
2037959-05	EPA-8260B	1,3-Dichlorobenzene	Z1
2037959-05	EPA-8260B	1,4-Dichlorobenzene	Z1
2037959-05	EPA-8260B	Dichlorodifluoromethane	Z1
2037959-05	EPA-8260B	1,1-Dichloroethane	Z1
2037959-05	EPA-8260B	1,2-Dichloroethane	Z1
2037959-05	EPA-8260B	1,1-Dichloroethene	Z1
2037959-05	EPA-8260B	cis-1,2-Dichloroethene	Z1
2037959-05	EPA-8260B	trans-1,2-Dichloroethene	Z1
2037959-05	EPA-8260B	Total 1,2-Dichloroethene	Z1
2037959-05	EPA-8260B	1,2-Dichloropropane	Z1
2037959-05	EPA-8260B	1,3-Dichloropropane	Z1
2037959-05	EPA-8260B	2,2-Dichloropropane	Z1
2037959-05	EPA-8260B	1,1-Dichloropropene	Z1
2037959-05	EPA-8260B	cis-1,3-Dichloropropene	Z1
2037959-05	EPA-8260B	trans-1,3-Dichloropropene	Z1
2037959-05	EPA-8260B	Total 1,3-Dichloropropene	Z1
2037959-05	EPA-8260B	Ethylbenzene	Z1
2037959-05	EPA-8260B	Hexachlorobutadiene	Z1
2037959-05	EPA-8260B	Isopropylbenzene	Z1
2037959-05	EPA-8260B	p-Isopropyltoluene	Z1
2037959-05	EPA-8260B	Methylene chloride	Z1
2037959-05	EPA-8260B	Methyl t-butyl ether	Z1
2037959-05	EPA-8260B	Naphthalene	Z1
2037959-05	EPA-8260B	n-Propylbenzene	Z1
2037959-05	EPA-8260B	Styrene	Z1
2037959-05	EPA-8260B	1,1,1,2-Tetrachloroethane	Z1
2037959-05	EPA-8260B	1,1,2,2-Tetrachloroethane	Z1
2037959-05	EPA-8260B	Tetrachloroethene	Z1
2037959-05	EPA-8260B	Toluene	Z1
2037959-05	EPA-8260B	1,2,3-Trichlorobenzene	Z1
2037959-05	EPA-8260B	1,2,4-Trichlorobenzene	Z1
2037959-05	EPA-8260B	1,1,1-Trichloroethane	Z1
2037959-05	EPA-8260B	1,1,2-Trichloroethane	Z1
2037959-05	EPA-8260B	Trichloroethene	Z1
2037959-05	EPA-8260B	Trichlorofluoromethane	Z1

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Reported: 01/26/2021 9:49
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Project Number: [none]
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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-05	EPA-8260B	1,2,3-Trichloropropane	Z1
2037959-05	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2037959-05	EPA-8260B	1,2,4-Trimethylbenzene	Z1
2037959-05	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2037959-05	EPA-8260B	Vinyl chloride	Z1
2037959-05	EPA-8270C	Acenaphthene	A10
2037959-05	EPA-8270C	Acenaphthylene	A10
2037959-05	EPA-8270C	Aldrin	A10
2037959-05	EPA-8270C	Aniline	A10
2037959-05	EPA-8270C	Anthracene	A10
2037959-05	EPA-8270C	Benzidine	A10
2037959-05	EPA-8270C	Benzo[a]anthracene	A10
2037959-05	EPA-8270C	Benzo[b]fluoranthene	A10
2037959-05	EPA-8270C	Benzo[k]fluoranthene	A10
2037959-05	EPA-8270C	Benzo[a]pyrene	A10
2037959-05	EPA-8270C	Benzo[g,h,i]perylene	A10
2037959-05	EPA-8270C	Benzoic acid	A10
2037959-05	EPA-8270C	Benzyl alcohol	A10
2037959-05	EPA-8270C	Benzyl butyl phthalate	A10
2037959-05	EPA-8270C	alpha-BHC	A10
2037959-05	EPA-8270C	beta-BHC	A10
2037959-05	EPA-8270C	delta-BHC	A10
2037959-05	EPA-8270C	gamma-BHC (Lindane)	A10
2037959-05	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037959-05	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037959-05	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037959-05	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037959-05	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037959-05	EPA-8270C	4-Chloroaniline	A10
2037959-05	EPA-8270C	2-Chloronaphthalene	A10
2037959-05	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037959-05	EPA-8270C	Chrysene	A10
2037959-05	EPA-8270C	4,4'-DDD	A10
2037959-05	EPA-8270C	4,4'-DDE	A10
2037959-05	EPA-8270C	4,4'-DDT	A10
2037959-05	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037959-05	EPA-8270C	Dibenzofuran	A10
2037959-05	EPA-8270C	1,2-Dichlorobenzene	A10
2037959-05	EPA-8270C	1,3-Dichlorobenzene	A10

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<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-05	EPA-8270C	1,4-Dichlorobenzene	A10
2037959-05	EPA-8270C	3,3-Dichlorobenzidine	A10
2037959-05	EPA-8270C	Dieldrin	A10
2037959-05	EPA-8270C	Diethyl phthalate	A10
2037959-05	EPA-8270C	Dimethyl phthalate	A10
2037959-05	EPA-8270C	Di-n-butyl phthalate	A10
2037959-05	EPA-8270C	2,4-Dinitrotoluene	A10
2037959-05	EPA-8270C	2,6-Dinitrotoluene	A10
2037959-05	EPA-8270C	Di-n-octyl phthalate	A10
2037959-05	EPA-8270C	1,2-Diphenylhydrazine	A10
2037959-05	EPA-8270C	Endosulfan I	A10
2037959-05	EPA-8270C	Endosulfan II	A10
2037959-05	EPA-8270C	Endosulfan sulfate	A10
2037959-05	EPA-8270C	Endrin	A10
2037959-05	EPA-8270C	Endrin aldehyde	A10
2037959-05	EPA-8270C	Fluoranthene	A10
2037959-05	EPA-8270C	Fluorene	A10
2037959-05	EPA-8270C	Heptachlor	A10
2037959-05	EPA-8270C	Heptachlor epoxide	A10
2037959-05	EPA-8270C	Hexachlorobenzene	A10
2037959-05	EPA-8270C	Hexachlorobutadiene	A10
2037959-05	EPA-8270C	Hexachlorocyclopentadiene	A10
2037959-05	EPA-8270C	Hexachloroethane	A10
2037959-05	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037959-05	EPA-8270C	Isophorone	A10
2037959-05	EPA-8270C	2-Methylnaphthalene	A10
2037959-05	EPA-8270C	Naphthalene	A10
2037959-05	EPA-8270C	2-Naphthylamine	A10
2037959-05	EPA-8270C	2-Nitroaniline	A10
2037959-05	EPA-8270C	3-Nitroaniline	A10
2037959-05	EPA-8270C	4-Nitroaniline	A10
2037959-05	EPA-8270C	Nitrobenzene	A10
2037959-05	EPA-8270C	N-Nitrosodimethylamine	A10
2037959-05	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037959-05	EPA-8270C	N-Nitrosodiphenylamine	A10
2037959-05	EPA-8270C	Phenanthrene	A10
2037959-05	EPA-8270C	Pyrene	A10
2037959-05	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037959-05	EPA-8270C	4-Chloro-3-methylphenol	A10

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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-05	EPA-8270C	2-Chlorophenol	A10
2037959-05	EPA-8270C	2,4-Dichlorophenol	A10
2037959-05	EPA-8270C	2,4-Dimethylphenol	A10
2037959-05	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037959-05	EPA-8270C	2,4-Dinitrophenol	A10
2037959-05	EPA-8270C	2-Methylphenol	A10
2037959-05	EPA-8270C	3- & 4-Methylphenol	A10
2037959-05	EPA-8270C	2-Nitrophenol	A10
2037959-05	EPA-8270C	4-Nitrophenol	A10
2037959-05	EPA-8270C	Pentachlorophenol	A10
2037959-05	EPA-8270C	Phenol	A10
2037959-05	EPA-8270C	2,4,5-Trichlorophenol	A10
2037959-05	EPA-8270C	2,4,6-Trichlorophenol	A10
2037959-05	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037959-05	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037959-05	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037959-05	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037959-05	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037959-05	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037959-05	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2037959-06	EPA-8015B/FFP	TPH - Motor Oil	A57
2037959-06	EPA-8081A	Aldrin	A10
2037959-06	EPA-8081A	alpha-BHC	A10
2037959-06	EPA-8081A	beta-BHC	A10
2037959-06	EPA-8081A	delta-BHC	A10
2037959-06	EPA-8081A	gamma-BHC (Lindane)	A10
2037959-06	EPA-8081A	Chlordane (Technical)	A10
2037959-06	EPA-8081A	4,4'-DDD	A10
2037959-06	EPA-8081A	4,4'-DDE	A10
2037959-06	EPA-8081A	4,4'-DDT	A10
2037959-06	EPA-8081A	Dieldrin	A10
2037959-06	EPA-8081A	Endosulfan I	A10
2037959-06	EPA-8081A	Endosulfan II	A10
2037959-06	EPA-8081A	Endosulfan sulfate	A10
2037959-06	EPA-8081A	Endrin	A10
2037959-06	EPA-8081A	Endrin aldehyde	A10
2037959-06	EPA-8081A	Heptachlor	A10
2037959-06	EPA-8081A	Heptachlor epoxide	A10
2037959-06	EPA-8081A	Methoxychlor	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-06	EPA-8081A	Toxaphene	A10
2037959-06	EPA-8081A	TCMX (Surrogate)	A10
2037959-06	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037959-06	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037959-06	EPA-8270C	Acenaphthene	A10
2037959-06	EPA-8270C	Acenaphthylene	A10
2037959-06	EPA-8270C	Aldrin	A10
2037959-06	EPA-8270C	Aniline	A10
2037959-06	EPA-8270C	Anthracene	A10
2037959-06	EPA-8270C	Benzidine	A10
2037959-06	EPA-8270C	Benzo[a]anthracene	A10
2037959-06	EPA-8270C	Benzo[b]fluoranthene	A10
2037959-06	EPA-8270C	Benzo[k]fluoranthene	A10
2037959-06	EPA-8270C	Benzo[a]pyrene	A10
2037959-06	EPA-8270C	Benzo[g,h,i]perylene	A10
2037959-06	EPA-8270C	Benzoic acid	A10
2037959-06	EPA-8270C	Benzyl alcohol	A10
2037959-06	EPA-8270C	Benzyl butyl phthalate	A10
2037959-06	EPA-8270C	alpha-BHC	A10
2037959-06	EPA-8270C	beta-BHC	A10
2037959-06	EPA-8270C	delta-BHC	A10
2037959-06	EPA-8270C	gamma-BHC (Lindane)	A10
2037959-06	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037959-06	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037959-06	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037959-06	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037959-06	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037959-06	EPA-8270C	4-Chloroaniline	A10
2037959-06	EPA-8270C	2-Chloronaphthalene	A10
2037959-06	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037959-06	EPA-8270C	Chrysene	A10
2037959-06	EPA-8270C	4,4'-DDD	A10
2037959-06	EPA-8270C	4,4'-DDE	A10
2037959-06	EPA-8270C	4,4'-DDT	A10
2037959-06	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037959-06	EPA-8270C	Dibenzofuran	A10
2037959-06	EPA-8270C	1,2-Dichlorobenzene	A10
2037959-06	EPA-8270C	1,3-Dichlorobenzene	A10
2037959-06	EPA-8270C	1,4-Dichlorobenzene	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-06	EPA-8270C	3,3-Dichlorobenzidine	A10
2037959-06	EPA-8270C	Dieldrin	A10
2037959-06	EPA-8270C	Diethyl phthalate	A10
2037959-06	EPA-8270C	Dimethyl phthalate	A10
2037959-06	EPA-8270C	Di-n-butyl phthalate	A10
2037959-06	EPA-8270C	2,4-Dinitrotoluene	A10
2037959-06	EPA-8270C	2,6-Dinitrotoluene	A10
2037959-06	EPA-8270C	Di-n-octyl phthalate	A10
2037959-06	EPA-8270C	1,2-Diphenylhydrazine	A10
2037959-06	EPA-8270C	Endosulfan I	A10
2037959-06	EPA-8270C	Endosulfan II	A10
2037959-06	EPA-8270C	Endosulfan sulfate	A10
2037959-06	EPA-8270C	Endrin	A10
2037959-06	EPA-8270C	Endrin aldehyde	A10
2037959-06	EPA-8270C	Fluoranthene	A10
2037959-06	EPA-8270C	Fluorene	A10
2037959-06	EPA-8270C	Heptachlor	A10
2037959-06	EPA-8270C	Heptachlor epoxide	A10
2037959-06	EPA-8270C	Hexachlorobenzene	A10
2037959-06	EPA-8270C	Hexachlorobutadiene	A10
2037959-06	EPA-8270C	Hexachlorocyclopentadiene	A10
2037959-06	EPA-8270C	Hexachloroethane	A10
2037959-06	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037959-06	EPA-8270C	Isophorone	A10
2037959-06	EPA-8270C	2-Methylnaphthalene	A10
2037959-06	EPA-8270C	Naphthalene	A10
2037959-06	EPA-8270C	2-Naphthylamine	A10
2037959-06	EPA-8270C	2-Nitroaniline	A10
2037959-06	EPA-8270C	3-Nitroaniline	A10
2037959-06	EPA-8270C	4-Nitroaniline	A10
2037959-06	EPA-8270C	Nitrobenzene	A10
2037959-06	EPA-8270C	N-Nitrosodimethylamine	A10
2037959-06	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037959-06	EPA-8270C	N-Nitrosodiphenylamine	A10
2037959-06	EPA-8270C	Phenanthrene	A10
2037959-06	EPA-8270C	Pyrene	A10
2037959-06	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037959-06	EPA-8270C	4-Chloro-3-methylphenol	A10
2037959-06	EPA-8270C	2-Chlorophenol	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037959-06	EPA-8270C	2,4-Dichlorophenol	A10
2037959-06	EPA-8270C	2,4-Dimethylphenol	A10
2037959-06	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037959-06	EPA-8270C	2,4-Dinitrophenol	A10
2037959-06	EPA-8270C	2-Methylphenol	A10
2037959-06	EPA-8270C	3- & 4-Methylphenol	A10
2037959-06	EPA-8270C	2-Nitrophenol	A10
2037959-06	EPA-8270C	4-Nitrophenol	A10
2037959-06	EPA-8270C	Pentachlorophenol	A10
2037959-06	EPA-8270C	Phenol	A10
2037959-06	EPA-8270C	2,4,5-Trichlorophenol	A10
2037959-06	EPA-8270C	2,4,6-Trichlorophenol	A10
2037959-06	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037959-06	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037959-06	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037959-06	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037959-06	EPA-8270C	2-Fluorobiphenyl (Surrogate)	S09
2037959-06	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037959-06	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10

Holding Times

All holding time requirements were met.

Method Blanks

B096267-BLK1	EPA-6010B (TTLC)	Copper	0.11801 mg/kg
B096267-BLK1	EPA-6010B (TTLC)	Zinc	0.23415 mg/kg
B098045-BLK1	EPA-6010B (TTCLP)	Lead	0.040984 mg/L
B096949-BLK1	EPA-8081A	Decachlorobiphenyl (Surrogate)	S09

Matrix Spikes

B096267-DUP1	EPA-6010B (TTLC)	Arsenic	A02
B096267-MS1	EPA-6010B (TTLC)	Molybdenum	Q03
B096267-MS1	EPA-6010B (TTLC)	Selenium	Q03
B096267-MS1	EPA-6010B (TTLC)	Zinc	Q03
B096267-MSD1	EPA-6010B (TTLC)	Arsenic	Q03
B096267-MSD1	EPA-6010B (TTLC)	Molybdenum	Q03
B096267-MSD1	EPA-6010B (TTLC)	Selenium	Q02
B096949-MSD1	EPA-8081A	4,4'-DDT	Q03
B096949-MSD1	EPA-8081A	Endrin	Q02
B096949-MSD1	EPA-8081A	Decachlorobiphenyl (Surrogate)	S09

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

Sample Analyte Flag

LCS

The LCS recoveries are within QC limits.

Discussion

Client advised to run the following on standard TAT.

Please run the following for lead:

- " B2 STLC, TCLP
- " B3 STLC, TCLP
- " C2 STLC, TCLP
- " C3 STLC, TCLP
- " D2 STLC
- " D3 STLC, TCLP

Summary of Flags

- A02 The difference between duplicate readings is less than the quantitation limit.
- A10 Detection and quantitation limits were raised due to matrix interference.
- A19 Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
- A20 Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) was(were) not within the control limits.
- S09 The surrogate recovery for this compound was not within the control limits.
- Z1 ANTIFOAMER ADDED TO SAMPLE VOA.



Chain of Custody

4100 Atlas Court Bakersfield, Ca. 93308 (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

TEMP: 20-37.959

* Required Fields

Client/Company Name: GLA, Report Attention: Gregory George, City: San Jose, State: CA, Address: 775 Baywood Dr. #305, PO #, BCL Quote #, E-mail: ggeorge@geo-logic.com, Phone: 20-37959, FAX: 20-37959

Project Information: Dunphy Park - Sausalito, How would you like your completed results sent? E-Mail, Fax, EDD, Mail Only, QC Request, Result Request, Surcharge, Regulatory Compliance, Electronic Data Transfer, System No.

Sampler Name Printed / Signature: Gregory George, Matrix: SO, Matrix #, Matrix 1: 4:1 D3 -1, Matrix 2: 4:1 C3 -2

Table with columns: Sample #, Bottles, Sampled Date, Time, Sample Description / Location, Matrix #, Matrix 1, Matrix 2, Comments / Station Code. Includes handwritten entries for samples D3-1 through D3-6 and C3-1 through C3-6.

Relinquished by: Gregory George, Date: 12/28/00, Time: 0915, Company: GLA, Relinquished by: Bill Decker, Date: 1/31/01, Time: 1431, Company: BCL LABS

Received for Lab by: Bill Decker, Date: 1/31/01, Time: 1530, Company: BCL LABS, Shipping Method: CAO UPS OSO WALK-IN SIVC FED EX OTHER

Payment Received at Delivery: [Signature], Date: 1/31/01, Time: 1530, Amount: [blank], Picking Material: WET BLUE NONE, Cooling Method: [blank]

ANALYSIS REQUESTED table with columns for Test Name, Requested Date, and Requested Amount. Includes entries for TPH, VDCs, SDCs, DCBs, PCBs, and CL Herbicides.

1 of 3

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Chain of Custody

4100 Atlas Court Bakersfield, Ca. 93308 (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

Client/Company Name: GLA, Address: 775 Baywood Dr. #305, City: Sausalito, State: CA, Project Information: Dumphy Park - Sausalito, How would you like your completed results sent?, Sampler Name Printed / Signature: Gregory George

Carbon Copies: CDHS, Fresno Co, EPA, Merced Co, Tulare Co, Other: Regulatory Compliance, Electronic Data Transfer, System No.

Table with columns: Sample #, Bottles, Sampled Date, Time, Sample Description / Location, Matrix, QC Request, Level, Result Request, Date, Time, Company, Received by, Date, Time, Company, Amount, Packing Material, Shipping Method.

2 of 3

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Chain of Custody

4100 Atlas Court Bakersfield, Ca. 93308 (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

TEMP: 20-37.59

Client/Company Name: GLA, Report Attention: Gregory George, E-mail: ggeorge@geo-logic.com, City: Dunphy Park - Sausalito, State: CA, Zip: 94965, PO #, BCL Quote #, Matrix Types, QC Request, Result Request, Regulatory Compliance, Carbon Copies, etc.

ANALYSIS REQUESTED

Table with columns for analysis types: TP4, TP4 w/ MO, VDCs, SDCs, DCs, PCBs, CL hydrocarbons, CAM17. Includes checkboxes for requested analyses.

Main data table with columns: Sample #, Bottles, Sampled Date/Time, Sample Description/Location, Matrix #, Comments/Station Code, Date, Time, Company, Received by (Signature and Print Name), etc.

Received for Lab by: (Signature and Printed Name), Date, Time, Company, Received by (Signature and Print Name), Date, Time, Company, Payment Received at Delivery, Date, Amount, Check/Cash/Card, PIA #, Init.

Shipping Method: CAO UPS GSO WALK-IN SIVC FEDEX OTHER, Cooling Method: WET BLUE NONE, Picking Material:

3 of 3

5010_003_001a1001



BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 3

Submission #: 20-37959

SHIPPING INFORMATION: Fed Ex UPS Ontrac Hand Delivery BC Lab Field Service Other (Specify) GLS

SHIPPING CONTAINER: Ice Chest None Box Other (Specify) _____

FREE LIQUID: YES NO W / S _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received: YES NO Emissivity: 97 Container: glass Thermometer ID: 274 Date/Time: 12-29-20 1005

Temperature: (A) 2.4 °C / (C) 2.4 °C Analyst Init: TKJ

SAMPLE CONTAINERS	SAMPLE NUMBERS											
	17	18	19	20	21	22	23	24	25	26	27	
QT PE UNPRES												
4oz / 8oz / 16oz PE UNPRES												
2oz Cr ⁶⁺												
QT INORGANIC CHEMICAL METALS												
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz												
PT CYANIDE												
PT NITROGEN FORMS												
PT TOTAL SULFIDE												
2oz. NITRATE / NITRITE												
PT TOTAL ORGANIC CARBON												
PT CHEMICAL OXYGEN DEMAND												
PIA PHENOLICS												
40ml VOA VIAL TRAVEL BLANK												
40ml VOA VIAL												
QT EPA 1664												
PT ODOR												
RADIOLOGICAL												
BACTERIOLOGICAL												
40 ml VOA VIAL- 504												
QT EPA 505/605/8080												
QT EPA 515.1/8150												
QT EPA 525												
QT EPA 525 TRAVEL BLANK												
40ml EPA 547												
40ml EPA 531.1												
8oz RPA 548												
QT EPA 549												
QT EPA 8015M												
QT EPA 3270												
8oz / 16oz / 32oz AMBER												
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE												
PCB VIAL												
PLASTIC BAG												
TRIDLAR BAG												
FERROUS IRON												
ENCORE												
SMART KIT												
HUMMA CANISTER												

Comments: _____

Sample Numbering Completed By: AMV Date/Time: 12/29/20 @ 1415 Rev 21 05/23/2016

= Actual / C = Corrected



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 of 3

Submission #: 20-37959

SHIPPING INFORMATION
Fed Ex [] UPS [] Ontrac [] Hand Delivery []
BC Lab Field Service [] Other (Specify) ALS

SHIPPING CONTAINER
Ice Chest [x] None [] Box []
Other (Specify)

FREE LIQUID
YES [] NO []
W / S

Refrigerant: Ice [x] Blue Ice [] None [] Other [] Comments:

Custody Seals Ice Chest [] Containers [] None [x] Comments:

All samples received? Yes [x] No [] All samples containers intact? Yes [x] No [] Description(s) match COC? Yes [x] No []

COC Received [x] YES [] NO []
Emissivity: 97 Container: glass Thermometer ID: 274 Date/Time 12-29-20 1005
Temperature: (A) 2.4 C / (C) 2.4 C Analyst Init TKJ

Table with columns for Sample Containers and Sample Numbers (17-26). Rows include various testing methods like QT PE UNPRES, FT CYANIDE, FT NITROGEN FORMS, etc.

Comments:
Sample Numbering Completed By: AMI Date/Time: 12/29/20 @ 1415 Rev 21 05/23/2016



BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 of 3

Submission #: 20-37959

SHIPPING INFORMATION: Fed Ex, UPS, Ontrac, Hand Delivery, BC Lab Field Service, Other (Specify) ALS

SHIPPING CONTAINER: Ice Chest, None, Box, Other (Specify)

FREE LIQUID: YES, NO, W/S

Refrigerant: Ice, Blue Ice, None, Other, Comments:

Custody Seals: Ice Chest, Containers, None, Comments:

All samples received? Yes, No; All samples containers intact? Yes, No; Description(s) match COC? Yes, No

COC Received: YES, NO

Emissivity: 97, Container: GLASS, Thermometer ID: 274, Temperature: (A) 2.4 C / (C) 2.4 C

Date/Time: 12-29-20 1005, Analyst Init: TKJ

Table with columns for SAMPLE CONTAINERS and SAMPLE NUMBERS (1-10). Rows include various sample types like QT PE UNPRES, PT CYANIDE, etc. Sample numbers 127, 128, 129, 130 are marked in the first four columns.

Comments:

Sample Numbering Completed By: MWI

Date/Time: 12/29/20 @ 1415

Rev 21 05/23/2016

[S:\WPdoc\Wes\Perfect\LAB_DOC\FORMS\SAMREC rev 20]



RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	
2037959-01	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 00:00
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	4:1 Composite D3		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
2037959-02	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 00:00
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	4:1 Composite C3		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
2037959-03	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 00:00
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	4:1 Composite B3		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
2037959-04	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 00:00
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	4:1 Composite B2		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
2037959-05	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 00:00
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	4:1 Composite C2		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
2037959-06	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 00:00
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	4:1 Composite D2		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil
2037959-07	COC Number:	---		12/29/2020 10:05	
	Project Number:	---		Sampling Date:	12/28/2020 09:15
	Sampling Location:	Dunphy		Sample Depth:	0.0
	Sampling Point:	D3-1		Lab Matrix:	Solids
	Sampled By:	---		Sample Type:	Soil

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037959-08	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:19
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D3-3	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-09	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:23
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D3-5	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-10	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:28
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D3-6	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-11	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:38
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C3-1	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-12	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:45
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C3-2	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-13	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:50
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C3-4	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-14	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 09:54
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C3-6	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037959-15	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:10
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B3-1	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-16	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:16
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B3-2.5	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-17	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:21
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B3-4	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-18	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:28
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B3-6	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-19	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:45
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B2-1	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-20	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:51
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B2-3	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-21	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 10:57
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B2-5	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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RMC Geoscience (Geologic)
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Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037959-22	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 11:01
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B2-6	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			
2037959-23	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 11:31
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C2-1	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			
2037959-24	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 11:36
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C2-2	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			
2037959-25	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 11:42
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C2-4	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			
2037959-26	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 11:49
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	C2-6	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			
2037959-27	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 13:11
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D2-1	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			
2037959-28	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 13:17
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D2-3	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
	<hr/>			

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037959-29	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 13:23
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D2-5	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
2037959-30	COC Number:	---	Receive Date:	12/29/2020 10:05
	Project Number:	---	Sampling Date:	12/28/2020 13:30
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	D2-6	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037959-01	Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	0.0033	mg/kg	0.0050	0.00064	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.0031	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.0041	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	0.0014	mg/kg	0.0050	0.00036	EPA-8081A	ND	J,A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	125	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	114	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/07/21 09:45	01/07/21 23:28	HKS	GC-17	9.967	B096949	EPA 3550B

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037959-01		Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.016	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	0.016	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	46.7	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	01/06/21 18:30	01/07/21 11:57	HKS	GC-14	0.987	B096706	EPA 3550B

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037959-01		Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	45.2	%	40 - 120 (LCL - UCL)		EPA-8151A			1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	01/06/21 19:30	01/08/21	11:21	OLH	GC-8	0.987	B096948	EPA 3550B

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-01	Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0031	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical constituents and their analysis results.

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-01	Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/30/20 10:00	12/30/20 16:34		RCC	MS-V17	1	B096133	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-01		Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-01		Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037959-01	Client Sample Name:	Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	53.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	62.5	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	53.8	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	36.2	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	35.8	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	32.5	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	01/07/21 08:30	01/12/21	07:03	MK1	MS-B8	9.934	B096950	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037959-01	Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	23	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	110	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	74.0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	01/06/21 18:00	01/07/21 10:39		BUP	GC-13	1.993	B096678	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037959-01	Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	14	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/22/21 11:00	01/22/21 17:03	JCC	PE-OP3	1	B098148	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037959-01	Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.15	mg/L	0.50	0.030	EPA-6010B	0.041	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/21/21 17:20	01/22/21 02:44	JCC	PE-OP3	1	B098045	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037959-01		Client Sample Name: Dunphy, 4:1 Composite D3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Antimony	0.51	mg/kg	5.0	0.33	EPA-6010B	ND	J	1	
Arsenic	8.9	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	240	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.88	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	38	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	12	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	100	mg/kg	1.0	0.050	EPA-6010B	0.11		1	
Lead	200	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	0.67	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1	
Nickel	41	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	0.53	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	50	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	250	mg/kg	2.5	0.087	EPA-6010B	0.23		1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/30/20 15:15	12/31/20	12:17	JCC	PE-OP3	0.971	B096267	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	08:00	TMT	CETAC3	0.992	B096899	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Table with 2 columns: BCL Sample ID (2037959-02) and Client Sample Name (Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

QC table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, Batch ID, Prep Method. Row 1: 1, EPA-8081A, 01/07/21 09:45, 01/07/21 23:45, HKS, GC-17, 9.934, B096949, EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037959-02		Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.017	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	0.017	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	45.0	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	01/06/21 18:30	01/07/21 12:10	HKS	GC-14	0.990	B096706	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037959-02		Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	34.0	%	40 - 120 (LCL - UCL)		EPA-8151A		S09	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	01/06/21 19:30	01/08/21	11:44	OLH	GC-8	0.987	B096948	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-02	Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0090	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	Z1	1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND	Z1	1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	Z1	1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	Z1	1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND	Z1	1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND	Z1	1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	Z1	1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND	Z1	1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	Z1	1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND	Z1	1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	Z1	1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND	Z1	1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	Z1	1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	Z1	1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	Z1	1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND	Z1	1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND	Z1	1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	Z1	1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND	Z1	1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	Z1	1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND	Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND	Z1	1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND	Z1	1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037959-02	Client Sample Name:	Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND	Z1	1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND	Z1	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	Z1	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND	Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND	Z1	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND	Z1	1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	Z1	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND	Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND	Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND	Z1	1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND	Z1	1
Toluene	0.0039	mg/kg	0.0050	0.00069	EPA-8260B	ND	J,Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND	Z1	1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND	Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND	Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND	Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	Z1	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	Z1	1
Total Purgeable Petroleum Hydrocarbons	0.16	mg/kg	0.20	0.058	Luft-GC/MS	ND	J,Z1	1
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-02	Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/30/20 10:00	12/30/20 16:55		RCC	MS-V17	1	B096133	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-02		Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-02		Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	0.095	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037959-02	Client Sample Name:	Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
Pyrene	0.13	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	61.6	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	64.0	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	63.1	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	61.4	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	51.9	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	66.0	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	01/07/21 08:30	01/12/21	07:30	MK1	MS-B8	9.864	B096950	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037959-02	Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	50	11	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	390	mg/kg	100	35	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	47.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	01/06/21 18:00	01/07/21 07:39		BUP	GC-13	4.950	B096678	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037959-02	Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	15	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/22/21 11:00	01/22/21 17:17	JCC	PE-OP3	1	B098148	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037959-02	Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.13	mg/L	0.50	0.030	EPA-6010B	0.041	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/21/21 17:20	01/22/21 02:46	JCC	PE-OP3	1	B098045	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037959-02		Client Sample Name: Dunphy, 4:1 Composite C3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	1.0	mg/kg	5.0	0.33	EPA-6010B	ND	J	1
Arsenic	15	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	280	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.47	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	1.1	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	43	mg/kg	0.50	0.050	EPA-6010B	ND		1
Cobalt	13	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	81	mg/kg	1.0	0.050	EPA-6010B	0.11		1
Lead	260	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.68	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	48	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.46	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	46	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	360	mg/kg	2.5	0.087	EPA-6010B	0.21		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/30/20 15:15	12/31/20	12:19	JCC	PE-OP3	0.909	B096267	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	07:48	TMT	CETAC3	1.025	B096899	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037959-03	Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	ND	A01	1
4,4'-DDE	0.0038	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A01	1
4,4'-DDT	0.020	mg/kg	0.0050	0.00040	EPA-8081A	ND	A01	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	133	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1
Decachlorobiphenyl (Surrogate)	148	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/07/21 09:45	01/08/21 00:01	HKS	GC-17	9.868	B096949	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037959-03		Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.019	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	0.019	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	80.0	%	40 - 120 (LCL - UCL)		EPA-8082			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	01/06/21 18:30	01/07/21 12:24	HKS	GC-14	1.017	B096706	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037959-03		Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	41.2	%	40 - 120 (LCL - UCL)		EPA-8151A			1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	01/06/21 19:30	01/08/21	15:56	OLH	GC-8	0.987	B096948	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-03	Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	0.0026	mg/kg	0.0050	0.00067	EPA-8260B	ND	J	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical constituents and their analysis results.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-03	Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/30/20 10:00	12/30/20 17:15		RCC	MS-V17	1	B096133	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-03		Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037959-03		Client Sample Name:	Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM				
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	0.19	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037959-03	Client Sample Name:	Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
Phenanthrene	0.14	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1	
Pyrene	0.19	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	36.6	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	54.4	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	53.7	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	57.2	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	44.7	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	61.3	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	01/07/21 08:30	01/12/21	07:57	MK1	MS-B8	9.661	B096950	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037959-03	Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	51	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	420	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	90.0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	01/06/21 18:00	01/07/21 08:24		BUP	GC-13	1.974	B096678	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037959-03	Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	16	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/22/21 11:00	01/22/21 17:19	JCC	PE-OP3	1	B098148	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037959-03	Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.30	mg/L	0.50	0.030	EPA-6010B	0.041	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/21/21 17:20	01/22/21 02:48	JCC	PE-OP3	1	B098045	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037959-03		Client Sample Name: Dunphy, 4:1 Composite B3, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Antimony	0.58	mg/kg	5.0	0.33	EPA-6010B	ND	J	1	
Arsenic	8.3	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	360	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.50	mg/kg	0.50	0.047	EPA-6010B	ND		1	
Cadmium	1.1	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	43	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	14	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	94	mg/kg	1.0	0.050	EPA-6010B	0.11		1	
Lead	300	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	0.58	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1	
Nickel	45	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	1.1	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	0.68	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	55	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	370	mg/kg	2.5	0.087	EPA-6010B	0.22		1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/30/20 15:15	12/31/20	12:20	JCC	PE-OP3	0.943	B096267	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	07:50	TMT	CETAC3	0.962	B096899	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037959-04	Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.014	0.00051	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.014	0.0011	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.014	0.0014	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.014	0.0011	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.014	0.00051	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	1.4	0.029	EPA-8081A	ND	A01	1
4,4'-DDD	0.0095	mg/kg	0.014	0.0018	EPA-8081A	ND	J,A01	1
4,4'-DDE	0.012	mg/kg	0.014	0.0027	EPA-8081A	ND	J,A01	1
4,4'-DDT	0.018	mg/kg	0.014	0.0011	EPA-8081A	ND	A01	1
Dieldrin	ND	mg/kg	0.014	0.0010	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.014	0.00057	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.014	0.00097	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.014	0.00074	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.014	0.0019	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.014	0.00051	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.014	0.0025	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.014	0.00049	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.014	0.0027	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	1.4	0.040	EPA-8081A	ND	A01	1
TCMX (Surrogate)	244	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1
Decachlorobiphenyl (Surrogate)	125	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/07/21 09:45	01/08/21 00:18	HKS	GC-17	28.571	B096949	EPA 3550B

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037959-04		Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.028	0.0063	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.028	0.0091	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.028	0.0072	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.028	0.0041	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.028	0.0058	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.028	0.0044	EPA-8082	ND		1	
PCB-1260	0.023	mg/kg	0.028	0.0050	EPA-8082	ND	J	1	
Total PCB's (Summation)	0.023	mg/kg	0.028	0.014	EPA-8082	ND	J	1	
Decachlorobiphenyl (Surrogate)	23.3	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	01/06/21 18:30	01/07/21 12:37	HKS	GC-14	2.752	B096706	EPA 3550B

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RMC Geoscience (Geologic)
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037959-04		Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.058	0.0087	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.12	0.019	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.14	0.020	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0058	0.0016	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.058	0.011	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.020	0.0058	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0087	0.0032	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0087	0.0021	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	34.7	%	40 - 120 (LCL - UCL)		EPA-8151A		S09	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8151A	01/06/21 19:30	01/08/21	16:19	OLH	GC-8	2.885	B096948	EPA 3550B

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775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Qualls, Run #. Lists various chemical constituents and their analysis results.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Table with columns: BCL Sample ID, Client Sample Name, Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various chemical constituents and their analysis results.

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-04	Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/30/20 10:00	12/30/20 17:36		RCC	MS-V17	1	B096133	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-04		Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	5.5	0.31	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	83	0.26	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	2.8	0.21	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	2.8	0.23	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	2.8	0.36	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	14	0.39	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	2.8	0.21	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	2.8	0.27	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	5.5	0.19	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	2.8	0.42	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-04		Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	5.5	0.19	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	2.8	0.21	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	2.8	0.24	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	5.5	0.24	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	5.5	0.24	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	5.5	0.24	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	14	0.19	EPA-8270C	ND	A10	1
Fluoranthene	0.26	mg/kg	2.8	0.19	EPA-8270C	ND	J,A10	1
Fluorene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	2.8	0.36	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	2.8	0.42	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	83	1.0	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	5.5	0.19	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	5.5	0.31	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037959-04		Client Sample Name:	Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	2.8	1.1	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
Phenanthrene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
Pyrene	0.25	mg/kg	2.8	0.19	EPA-8270C	ND	J,A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	5.5	0.19	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	14	0.19	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	14	0.19	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	5.5	0.39	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	5.5	0.50	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	5.5	0.47	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	2.8	0.19	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	5.5	0.31	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	5.5	0.19	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	73.5	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	65.2	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	61.5	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	61.7	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	53.2	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	62.7	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	01/07/21 08:30	01/12/21	08:24	MK1	MS-B8	27.736	B096950	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037959-04	Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	67	mg/kg	58	13	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	340	mg/kg	120	40	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	89.7	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	01/06/21 18:00	01/07/21	08:46	BUP	GC-13	5.769	B096678	EPA 3550B

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775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037959-04	Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	5.2	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/22/21 11:00	01/22/21 17:21	JCC	PE-OP3	1	B098148	EPA 3005A

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775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037959-04	Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.11	mg/L	0.50	0.030	EPA-6010B	0.041	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/21/21 17:20	01/22/21 02:50	JCC	PE-OP3	1	B098045	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037959-04		Client Sample Name: Dunphy, 4:1 Composite B2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1	
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	230	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.44	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	1.0	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	39	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	11	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	50	mg/kg	1.0	0.050	EPA-6010B	0.11		1	
Lead	520	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	0.36	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1	
Nickel	44	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	1.7	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	0.50	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	47	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	230	mg/kg	2.5	0.087	EPA-6010B	0.22		1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/30/20 15:15	12/31/20	12:22	JCC	PE-OP3	0.935	B096267	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	07:52	TMT	CETAC3	0.977	B096899	EPA 7471A

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775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037959-05	Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	0.0025	mg/kg	0.0050	0.00064	EPA-8081A	ND	J,A01	1
4,4'-DDE	0.0048	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A01	1
4,4'-DDT	0.0067	mg/kg	0.0050	0.00040	EPA-8081A	ND	A01	1
Dieldrin	0.0014	mg/kg	0.0050	0.00036	EPA-8081A	ND	J,A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	628	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1
Decachlorobiphenyl (Surrogate)	121	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/07/21 09:45	01/08/21 00:34	HKS	GC-17	10.135	B096949	EPA 3550B

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775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037959-05		Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.011	mg/kg	0.010	0.0018	EPA-8082	ND		1	
Total PCB's (Summation)	0.011	mg/kg	0.010	0.0050	EPA-8082	ND		1	
Decachlorobiphenyl (Surrogate)	28.3	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	01/06/21 18:30	01/07/21 12:51	HKS	GC-14	1.010	B096706	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037959-05		Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	38.3	%	40 - 120 (LCL - UCL)		EPA-8151A		S09	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	01/06/21 19:30	01/08/21 16:42	OLH	GC-8	1.017	B096948	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037959-05		Client Sample Name:	Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Benzene	0.012	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1	
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	Z1	1	
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND	Z1	1	
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	Z1	1	
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	Z1	1	
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND	Z1	1	
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND	Z1	1	
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	Z1	1	
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND	Z1	1	
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	Z1	1	
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND	Z1	1	
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	Z1	1	
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND	Z1	1	
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	Z1	1	
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	Z1	1	
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	Z1	1	
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND	Z1	1	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND	Z1	1	
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	Z1	1	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	Z1	1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	Z1	1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	Z1	1	
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	Z1	1	
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND	Z1	1	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	Z1	1	
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	Z1	1	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND	Z1	1	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND	Z1	1	
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND	Z1	1	
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1	
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1	
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037959-05		Client Sample Name:	Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM				
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND	Z1	1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND	Z1	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	Z1	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND	Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND	Z1	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND	Z1	1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	Z1	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND	Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND	Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND	Z1	1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND	Z1	1
Toluene	0.0055	mg/kg	0.0050	0.00069	EPA-8260B	ND	Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND	Z1	1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND	Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND	Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND	Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	Z1	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	Z1	1
Total Purgeable Petroleum Hydrocarbons	0.35	mg/kg	0.20	0.058	Luft-GC/MS	ND	Z1	1
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	86.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-05	Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/30/20 10:00	12/30/20 17:57		RCC	MS-V17	1	B096133	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-05		Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-05		Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	0.12	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	2037959-05	Client Sample Name:	Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1	
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
Phenanthrene	0.11	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1	
Pyrene	0.11	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1	
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1	
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1	
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1	
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1	
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1	
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1	
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1	
2-Fluorophenol (Surrogate)	47.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Phenol-d5 (Surrogate)	55.4	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
Nitrobenzene-d5 (Surrogate)	55.2	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1	
2-Fluorobiphenyl (Surrogate)	53.5	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1	
2,4,6-Tribromophenol (Surrogate)	43.2	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1	
p-Terphenyl-d14 (Surrogate)	53.3	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8270C	01/07/21 08:30	01/12/21	08:50	MK1	MS-B8	9.697	B096950	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037959-05	Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	50	11	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	430	mg/kg	100	35	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	48.9	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	01/06/21 18:00	01/07/21	09:08	BUP	GC-13	5.034	B096678	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037959-05	Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	3.5	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/22/21 11:00	01/22/21 17:23	JCC	PE-OP3	1	B098148	EPA 3005A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037959-05	Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.095	mg/L	0.50	0.030	EPA-6010B	0.041	J	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	01/21/21 17:20	01/22/21	02:52	JCC	PE-OP3	1	B098045	EPA 3050B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037959-05		Client Sample Name: Dunphy, 4:1 Composite C2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Antimony	0.69	mg/kg	5.0	0.33	EPA-6010B	ND	J	1	
Arsenic	17	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	210	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.45	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.84	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	39	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	12	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	42	mg/kg	1.0	0.050	EPA-6010B	0.11		1	
Lead	100	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	0.91	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1	
Nickel	42	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	0.33	mg/kg	0.50	0.067	EPA-6010B	ND	J	1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	48	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	150	mg/kg	2.5	0.087	EPA-6010B	0.22		1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/30/20 15:15	12/31/20	12:24	JCC	PE-OP3	0.943	B096267	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	08:02	TMT	CETAC3	1.008	B096899	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037959-06	Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A10	1
4,4'-DDD	0.0010	mg/kg	0.0050	0.00064	EPA-8081A	ND	J,A10	1
4,4'-DDE	0.0016	mg/kg	0.0050	0.00095	EPA-8081A	ND	J,A10	1
4,4'-DDT	0.0032	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A10	1
TCMX (Surrogate)	69.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	79.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/07/21 09:45	01/08/21 00:51	HKS	GC-17	9.967	B096949	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037959-06		Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	ND		1	
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	ND		1	
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	ND		1	
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	ND		1	
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	ND		1	
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	ND		1	
PCB-1260	0.0057	mg/kg	0.010	0.0018	EPA-8082	ND	J	1	
Total PCB's (Summation)	0.0057	mg/kg	0.010	0.0050	EPA-8082	ND	J	1	
Decachlorobiphenyl (Surrogate)	21.7	%	40 - 120 (LCL - UCL)		EPA-8082		A20	1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	01/06/21 18:30	01/07/21 13:05	HKS	GC-14	1.003	B096706	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037959-06		Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
2,4-D	ND	mg/kg	0.020	0.0030	EPA-8151A	ND		1	
2,4-DB	ND	mg/kg	0.040	0.0067	EPA-8151A	ND		1	
Dalapon	ND	mg/kg	0.050	0.0068	EPA-8151A	ND		1	
Dicamba	ND	mg/kg	0.0020	0.00057	EPA-8151A	ND		1	
Dichloroprop	ND	mg/kg	0.020	0.0037	EPA-8151A	ND		1	
Dinoseb	ND	mg/kg	0.0070	0.0020	EPA-8151A	ND		1	
2,4,5-T	ND	mg/kg	0.0030	0.0011	EPA-8151A	ND		1	
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.00073	EPA-8151A	ND		1	
2,4-Dichlorophenylacetic acid (Surrogate)	40.0	%	40 - 120 (LCL - UCL)		EPA-8151A			1	

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8151A	01/06/21 19:30	01/08/21 17:05	OLH	GC-8	1.010	B096948	EPA 3550B

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Table with 2 columns: BCL Sample ID (2037959-06) and Client Sample Name (Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Quals, Run #. Lists various compounds like Benzene, Bromobenzene, etc.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037959-06	Client Sample Name:	Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	0.0019	mg/kg	0.0050	0.00069	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037959-06	Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/30/20 10:00	12/30/20 18:18		RCC	MS-V17	1	B096133	EPA 5030 Soil MS

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-06		Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-06		Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2037959-06	Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	0.069	mg/kg	1.0	0.067	EPA-8270C	ND	J,A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	35.9	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	47.8	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	39.6	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	26.2	%	30 - 140 (LCL - UCL)		EPA-8270C		A10,S09	1
2,4,6-Tribromophenol (Surrogate)	31.9	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	34.6	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	01/07/21 08:30	01/12/21 09:17	MK1	MS-B8	9.802	B096950	EPA 3550B

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Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037959-06	Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	63	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	78.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B/FFP	01/06/21 18:00	01/07/21	09:53	BUP	GC-13	2.007	B096678	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037959-06	Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	11	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/22/21 11:00	01/22/21 17:25	JCC	PE-OP3	1	B098148	EPA 3005A

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Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037959-06		Client Sample Name: Dunphy, 4:1 Composite D2, 0.0, 12/28/2020 12:00:00AM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #	
Antimony	0.89	mg/kg	5.0	0.33	EPA-6010B	ND	J	1	
Arsenic	7.1	mg/kg	1.0	0.40	EPA-6010B	ND		1	
Barium	290	mg/kg	0.50	0.18	EPA-6010B	ND		1	
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	ND	J	1	
Cadmium	0.64	mg/kg	0.50	0.052	EPA-6010B	ND		1	
Chromium	32	mg/kg	0.50	0.050	EPA-6010B	ND		1	
Cobalt	16	mg/kg	2.5	0.098	EPA-6010B	ND		1	
Copper	44	mg/kg	1.0	0.050	EPA-6010B	0.12		1	
Lead	84	mg/kg	2.5	0.41	EPA-6010B	ND		1	
Mercury	0.30	mg/kg	0.16	0.016	EPA-7471A	ND		2	
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1	
Nickel	43	mg/kg	0.50	0.15	EPA-6010B	ND		1	
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1	
Silver	0.58	mg/kg	0.50	0.067	EPA-6010B	ND		1	
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1	
Vanadium	72	mg/kg	0.50	0.11	EPA-6010B	ND		1	
Zinc	170	mg/kg	2.5	0.087	EPA-6010B	0.23		1	

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	12/30/20 15:15	12/31/20	12:26	JCC	PE-OP3	0.980	B096267	EPA 3050B
2	EPA-7471A	01/08/21 15:12	01/11/21	08:04	TMT	CETAC3	0.977	B096899	EPA 7471A

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096949						
Aldrin	B096949-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B096949-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B096949-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B096949-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B096949-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B096949-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B096949-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B096949-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B096949-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B096949-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B096949-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B096949-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B096949-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B096949-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B096949-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B096949-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B096949-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B096949-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B096949-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	B096949-BLK1	85.9	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	B096949-BLK1	142	%	40 - 130 (LCL - UCL) S09		

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775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096949										
Aldrin	B096949-BS1	LCS	0.0056898	0.0050847	mg/kg	112		70 - 130		
gamma-BHC (Lindane)	B096949-BS1	LCS	0.0055715	0.0050847	mg/kg	110		60 - 140		
4,4'-DDT	B096949-BS1	LCS	0.0063912	0.0050847	mg/kg	126		60 - 140		
Dieldrin	B096949-BS1	LCS	0.0058447	0.0050847	mg/kg	115		70 - 130		
Endrin	B096949-BS1	LCS	0.0056803	0.0050847	mg/kg	112		60 - 140		
Heptachlor	B096949-BS1	LCS	0.0058529	0.0050847	mg/kg	115		60 - 140		
TCMX (Surrogate)	B096949-BS1	LCS	0.0084136	0.010169	mg/kg	82.7		20 - 130		
Decachlorobiphenyl (Surrogate)	B096949-BS1	LCS	0.024261	0.020339	mg/kg	119		40 - 130		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Control Limits Percent Recovery, Lab Quals. Includes rows for Aldrin, gamma-BHC (Lindane), 4,4'-DDT, Dieldrin, Endrin, Heptachlor, TCMX (Surrogate), and Decachlorobiphenyl (Surrogate).

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096706						
PCB-1016	B096706-BLK1	ND	mg/kg	0.010	0.0023	
PCB-1221	B096706-BLK1	ND	mg/kg	0.010	0.0033	
PCB-1232	B096706-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1242	B096706-BLK1	ND	mg/kg	0.010	0.0015	
PCB-1248	B096706-BLK1	ND	mg/kg	0.010	0.0021	
PCB-1254	B096706-BLK1	ND	mg/kg	0.010	0.0016	
PCB-1260	B096706-BLK1	ND	mg/kg	0.010	0.0018	
Total PCB's (Summation)	B096706-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	B096706-BLK1	103	%	40 - 120 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: B096706											
PCB-1016	B096706-BS1	LCS	0.061149	0.084459	mg/kg	72.4		60	120		
PCB-1260	B096706-BS1	LCS	0.059122	0.084459	mg/kg	70.0		60	120		
Decachlorobiphenyl (Surrogate)	B096706-BS1	LCS	0.014527	0.020270	mg/kg	71.7		40	120		

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals	
								Recovery	Control Limits RPD		
QC Batch ID: B096706		Used client sample: N									
PCB-1016	MS	2037384-74	ND	0.077966	0.084746	mg/kg		92.0		60 - 120	
	MSD	2037384-74	ND	0.078644	0.084746	mg/kg	0.9	92.8	30	60 - 120	
PCB-1260	MS	2037384-74	ND	0.079661	0.084746	mg/kg		94.0		60 - 120	
	MSD	2037384-74	ND	0.081695	0.084746	mg/kg	2.5	96.4	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	2037384-74	ND	0.019661	0.020339	mg/kg		96.7		40 - 120	
	MSD	2037384-74	ND	0.020678	0.020339	mg/kg	5.0	102		40 - 120	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096948						
2,4-D	B096948-BLK1	ND	mg/kg	0.020	0.0030	
2,4-DB	B096948-BLK1	ND	mg/kg	0.040	0.0067	
Dalapon	B096948-BLK1	ND	mg/kg	0.050	0.0068	
Dicamba	B096948-BLK1	ND	mg/kg	0.0020	0.00057	
Dichloroprop	B096948-BLK1	ND	mg/kg	0.020	0.0037	
Dinoseb	B096948-BLK1	ND	mg/kg	0.0070	0.0020	
2,4,5-T	B096948-BLK1	ND	mg/kg	0.0030	0.0011	
2,4,5-TP (Silvex)	B096948-BLK1	ND	mg/kg	0.0030	0.00073	
2,4-Dichlorophenylacetic acid (Surrogate)	B096948-BLK1	78.7	%	40 - 120 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: B096948											
2,4-D	B096948-BS1	LCS	0.083056	0.079734	mg/kg	104		50	120		
2,4-DB	B096948-BS1	LCS	0.16844	0.17940	mg/kg	93.9		50	120		
Dicamba	B096948-BS1	LCS	0.021927	0.019934	mg/kg	110		50	120		
Dichloroprop	B096948-BS1	LCS	0.081395	0.079734	mg/kg	102		50	120		
Dinoseb	B096948-BS1	LCS	0.039535	0.039867	mg/kg	99.2		50	120		
2,4,5-T	B096948-BS1	LCS	0.022591	0.019934	mg/kg	113		30	120		
2,4,5-TP (Silvex)	B096948-BS1	LCS	0.021595	0.019934	mg/kg	108		50	120		
2,4-Dichlorophenylacetic acid (Surrogate)	B096948-BS1	LCS	0.12425	0.13289	mg/kg	93.5		40	120		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096948		Used client sample: N								
2,4-D	MS	2037384-74	ND	0.068121	0.080537	mg/kg		84.6		40 - 120
	MSD	2037384-74	ND	0.069103	0.079734	mg/kg	1.4	86.7	30	40 - 120
2,4-DB	MS	2037384-74	ND	0.14463	0.18121	mg/kg		79.8		50 - 120
	MSD	2037384-74	ND	0.13821	0.17940	mg/kg	4.5	77.0	30	50 - 120
Dicamba	MS	2037384-74	ND	0.017450	0.020134	mg/kg		86.7		50 - 120
	MSD	2037384-74	ND	0.018605	0.019934	mg/kg	6.4	93.3	30	50 - 120
Dichloroprop	MS	2037384-74	ND	0.068121	0.080537	mg/kg		84.6		40 - 120
	MSD	2037384-74	ND	0.068106	0.079734	mg/kg	0.0	85.4	30	40 - 120
Dinoseb	MS	2037384-74	ND	0.030872	0.040268	mg/kg		76.7		40 - 130
	MSD	2037384-74	ND	0.029568	0.039867	mg/kg	4.3	74.2	30	40 - 130
2,4,5-T	MS	2037384-74	ND	0.019128	0.020134	mg/kg		95.0		30 - 120
	MSD	2037384-74	ND	0.018605	0.019934	mg/kg	2.8	93.3	30	30 - 120
2,4,5-TP (Silvex)	MS	2037384-74	ND	0.017785	0.020134	mg/kg		88.3		40 - 120
	MSD	2037384-74	ND	0.018272	0.019934	mg/kg	2.7	91.7	30	40 - 120
2,4-Dichlorophenylacetic acid (Surrogate)	MS	2037384-74	ND	0.10034	0.13423	mg/kg		74.8		40 - 120
	MSD	2037384-74	ND	0.095681	0.13289	mg/kg	4.7	72.0		40 - 120

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096133						
Benzene	B096133-BLK1	ND	mg/kg	0.0050	0.00067	
Bromobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00087	
Bromochloromethane	B096133-BLK1	ND	mg/kg	0.0050	0.00081	
Bromodichloromethane	B096133-BLK1	ND	mg/kg	0.0050	0.00078	
Bromoform	B096133-BLK1	ND	mg/kg	0.0050	0.00070	
Bromomethane	B096133-BLK1	ND	mg/kg	0.0050	0.0017	
n-Butylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00076	
sec-Butylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00071	
tert-Butylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00085	
Carbon tetrachloride	B096133-BLK1	ND	mg/kg	0.0050	0.00078	
Chlorobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00077	
Chloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.0011	
Chloroform	B096133-BLK1	ND	mg/kg	0.0050	0.00090	
Chloromethane	B096133-BLK1	ND	mg/kg	0.0050	0.0011	
2-Chlorotoluene	B096133-BLK1	ND	mg/kg	0.0050	0.00087	
4-Chlorotoluene	B096133-BLK1	ND	mg/kg	0.0050	0.00070	
Dibromochloromethane	B096133-BLK1	ND	mg/kg	0.0050	0.00080	
1,2-Dibromo-3-chloropropane	B096133-BLK1	ND	mg/kg	0.0050	0.00096	
1,2-Dibromoethane	B096133-BLK1	ND	mg/kg	0.0050	0.00082	
Dibromomethane	B096133-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichlorobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00079	
1,3-Dichlorobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00073	
1,4-Dichlorobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00073	
Dichlorodifluoromethane	B096133-BLK1	ND	mg/kg	0.0050	0.00079	
1,1-Dichloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.00064	
1,2-Dichloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.00073	
1,1-Dichloroethene	B096133-BLK1	ND	mg/kg	0.0050	0.0011	
cis-1,2-Dichloroethene	B096133-BLK1	ND	mg/kg	0.0050	0.00054	
trans-1,2-Dichloroethene	B096133-BLK1	ND	mg/kg	0.0050	0.0037	
Total 1,2-Dichloroethene	B096133-BLK1	ND	mg/kg	0.010	0.0043	
1,2-Dichloropropane	B096133-BLK1	ND	mg/kg	0.0050	0.00080	
1,3-Dichloropropane	B096133-BLK1	ND	mg/kg	0.0050	0.00067	
2,2-Dichloropropane	B096133-BLK1	ND	mg/kg	0.0050	0.00067	
1,1-Dichloropropene	B096133-BLK1	ND	mg/kg	0.0050	0.00067	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096133						
cis-1,3-Dichloropropene	B096133-BLK1	ND	mg/kg	0.0050	0.00058	
trans-1,3-Dichloropropene	B096133-BLK1	ND	mg/kg	0.0050	0.00066	
Total 1,3-Dichloropropene	B096133-BLK1	ND	mg/kg	0.010	0.0013	
Ethylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00069	
Hexachlorobutadiene	B096133-BLK1	ND	mg/kg	0.0050	0.00067	
Isopropylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00080	
p-Isopropyltoluene	B096133-BLK1	ND	mg/kg	0.0050	0.00059	
Methylene chloride	B096133-BLK1	ND	mg/kg	0.010	0.0011	
Methyl t-butyl ether	B096133-BLK1	ND	mg/kg	0.0050	0.00056	
Naphthalene	B096133-BLK1	ND	mg/kg	0.0050	0.00099	
n-Propylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00071	
Styrene	B096133-BLK1	ND	mg/kg	0.0050	0.00062	
1,1,1,2-Tetrachloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.00095	
1,1,2,2-Tetrachloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.00084	
Tetrachloroethene	B096133-BLK1	ND	mg/kg	0.0050	0.00097	
Toluene	B096133-BLK1	ND	mg/kg	0.0050	0.00069	
1,2,3-Trichlorobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,4-Trichlorobenzene	B096133-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1-Trichloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.00067	
1,1,2-Trichloroethane	B096133-BLK1	ND	mg/kg	0.0050	0.00094	
Trichloroethene	B096133-BLK1	ND	mg/kg	0.0050	0.00074	
Trichlorofluoromethane	B096133-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,3-Trichloropropane	B096133-BLK1	ND	mg/kg	0.0050	0.0019	
1,1,2-Trichloro-1,2,2-trifluoroethane	B096133-BLK1	ND	mg/kg	0.0050	0.0010	
1,2,4-Trimethylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00080	
1,3,5-Trimethylbenzene	B096133-BLK1	ND	mg/kg	0.0050	0.00066	
Vinyl chloride	B096133-BLK1	ND	mg/kg	0.0050	0.00059	
Total Purgeable Petroleum Hydrocarbons	B096133-BLK1	ND	mg/kg	0.20	0.058	
1,2-Dichloroethane-d4 (Surrogate)	B096133-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B096133-BLK1	104	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B096133-BLK1	103	%	74 - 121 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096133										
Benzene	B096133-BS1	LCS	0.13614	0.12500	mg/kg	109		70 - 130		
Bromodichloromethane	B096133-BS1	LCS	0.11564	0.12500	mg/kg	92.5		70 - 130		
Chlorobenzene	B096133-BS1	LCS	0.10801	0.12500	mg/kg	86.4		70 - 130		
Chloroethane	B096133-BS1	LCS	0.15344	0.12500	mg/kg	123		70 - 130		
1,4-Dichlorobenzene	B096133-BS1	LCS	0.10274	0.12500	mg/kg	82.2		70 - 130		
1,1-Dichloroethane	B096133-BS1	LCS	0.13952	0.12500	mg/kg	112		70 - 130		
1,1-Dichloroethene	B096133-BS1	LCS	0.15546	0.12500	mg/kg	124		70 - 130		
Toluene	B096133-BS1	LCS	0.13085	0.12500	mg/kg	105		70 - 130		
Trichloroethene	B096133-BS1	LCS	0.12755	0.12500	mg/kg	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B096133-BS1	LCS	0.051340	0.050000	mg/kg	103		70 - 121		
Toluene-d8 (Surrogate)	B096133-BS1	LCS	0.051620	0.050000	mg/kg	103		81 - 117		
4-Bromofluorobenzene (Surrogate)	B096133-BS1	LCS	0.053610	0.050000	mg/kg	107		74 - 121		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Control Limits Percent Recovery, Lab Quals. Includes QC Batch ID: B096133 and Used client sample: N.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096950						
Acenaphthene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Acenaphthylene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Aldrin	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Aniline	B096950-BLK1	ND	mg/kg	0.20	0.011	
Anthracene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Benzidine	B096950-BLK1	ND	mg/kg	3.0	0.0093	
Benzo[a]anthracene	B096950-BLK1	ND	mg/kg	0.10	0.0077	
Benzo[b]fluoranthene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[k]fluoranthene	B096950-BLK1	ND	mg/kg	0.10	0.0082	
Benzo[a]pyrene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[g,h,i]perylene	B096950-BLK1	ND	mg/kg	0.10	0.013	
Benzoic acid	B096950-BLK1	ND	mg/kg	0.50	0.014	
Benzyl alcohol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Benzyl butyl phthalate	B096950-BLK1	ND	mg/kg	0.10	0.0067	
alpha-BHC	B096950-BLK1	ND	mg/kg	0.10	0.0067	
beta-BHC	B096950-BLK1	ND	mg/kg	0.10	0.0075	
delta-BHC	B096950-BLK1	ND	mg/kg	0.10	0.0067	
gamma-BHC (Lindane)	B096950-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethoxy)methane	B096950-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethyl) ether	B096950-BLK1	ND	mg/kg	0.10	0.0097	
bis(2-Chloroisopropyl)ether	B096950-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Ethylhexyl)phthalate	B096950-BLK1	ND	mg/kg	0.20	0.0067	
4-Bromophenyl phenyl ether	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloroaniline	B096950-BLK1	ND	mg/kg	0.10	0.015	
2-Chloronaphthalene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4-Chlorophenyl phenyl ether	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Chrysene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDD	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDE	B096950-BLK1	ND	mg/kg	0.10	0.0068	
4,4'-DDT	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzo[a,h]anthracene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzofuran	B096950-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Dichlorobenzene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
1,3-Dichlorobenzene	B096950-BLK1	ND	mg/kg	0.10	0.0067	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096950						
1,4-Dichlorobenzene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
3,3-Dichlorobenzidine	B096950-BLK1	ND	mg/kg	0.20	0.0067	
Dieldrin	B096950-BLK1	ND	mg/kg	0.10	0.0077	
Diethyl phthalate	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Dimethyl phthalate	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-butyl phthalate	B096950-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dinitrotoluene	B096950-BLK1	ND	mg/kg	0.10	0.0085	
2,6-Dinitrotoluene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-octyl phthalate	B096950-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Diphenylhydrazine	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Endosulfan I	B096950-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan II	B096950-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan sulfate	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Endrin	B096950-BLK1	ND	mg/kg	0.20	0.0086	
Endrin aldehyde	B096950-BLK1	ND	mg/kg	0.50	0.0070	
Fluoranthene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Fluorene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor epoxide	B096950-BLK1	ND	mg/kg	0.10	0.013	
Hexachlorobenzene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorobutadiene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorocyclopentadiene	B096950-BLK1	ND	mg/kg	0.10	0.015	
Hexachloroethane	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Indeno[1,2,3-cd]pyrene	B096950-BLK1	ND	mg/kg	0.10	0.0069	
Isophorone	B096950-BLK1	ND	mg/kg	0.10	0.0067	
2-Methylnaphthalene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Naphthalene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
2-Naphthylamine	B096950-BLK1	ND	mg/kg	3.0	0.036	
2-Nitroaniline	B096950-BLK1	ND	mg/kg	0.10	0.0067	
3-Nitroaniline	B096950-BLK1	ND	mg/kg	0.20	0.0067	
4-Nitroaniline	B096950-BLK1	ND	mg/kg	0.20	0.011	
Nitrobenzene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
N-Nitrosodimethylamine	B096950-BLK1	ND	mg/kg	0.10	0.040	
N-Nitrosodi-N-propylamine	B096950-BLK1	ND	mg/kg	0.10	0.0067	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096950						
N-Nitrosodiphenylamine	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Phenanthrene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
Pyrene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
1,2,4-Trichlorobenzene	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloro-3-methylphenol	B096950-BLK1	ND	mg/kg	0.20	0.0067	
2-Chlorophenol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dichlorophenol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dimethylphenol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4,6-Dinitro-2-methylphenol	B096950-BLK1	ND	mg/kg	0.50	0.0067	
2,4-Dinitrophenol	B096950-BLK1	ND	mg/kg	0.50	0.0067	
2-Methylphenol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
3- & 4-Methylphenol	B096950-BLK1	ND	mg/kg	0.20	0.014	
2-Nitrophenol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
4-Nitrophenol	B096950-BLK1	ND	mg/kg	0.20	0.018	
Pentachlorophenol	B096950-BLK1	ND	mg/kg	0.20	0.017	
Phenol	B096950-BLK1	ND	mg/kg	0.10	0.0067	
2,4,5-Trichlorophenol	B096950-BLK1	ND	mg/kg	0.20	0.011	
2,4,6-Trichlorophenol	B096950-BLK1	ND	mg/kg	0.20	0.0067	
2-Fluorophenol (Surrogate)	B096950-BLK1	85.8	%	20 - 130 (LCL - UCL)		
Phenol-d5 (Surrogate)	B096950-BLK1	87.1	%	30 - 130 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	B096950-BLK1	91.4	%	30 - 130 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	B096950-BLK1	92.5	%	30 - 140 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	B096950-BLK1	75.3	%	20 - 150 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	B096950-BLK1	109	%	30 - 150 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Table with columns: Constituent, QC Sample ID, Type, Result, Spike Level, Units, Percent Recovery, RPD, Control Limits (Percent Recovery, RPD), Lab (Quals). Includes a sub-table for QC Batch ID: B096950.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes QC Batch ID: B096950 and Used client sample: N.

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096950		Used client sample: N								
2-Fluorophenol (Surrogate)	MS	2037384-76	ND	0.96913	1.3423	mg/kg		72.2		20 - 130
	MSD	2037384-76	ND	1.0227	1.3201	mg/kg	5.4	77.5		20 - 130
Phenol-d5 (Surrogate)	MS	2037384-76	ND	0.98570	1.3423	mg/kg		73.4		30 - 130
	MSD	2037384-76	ND	1.0046	1.3201	mg/kg	1.9	76.1		30 - 130
Nitrobenzene-d5 (Surrogate)	MS	2037384-76	ND	0.96180	1.3423	mg/kg		71.7		30 - 130
	MSD	2037384-76	ND	0.98938	1.3201	mg/kg	2.8	74.9		30 - 130
2-Fluorobiphenyl (Surrogate)	MS	2037384-76	ND	0.98730	1.3423	mg/kg		73.6		30 - 140
	MSD	2037384-76	ND	1.0415	1.3201	mg/kg	5.3	78.9		30 - 140
2,4,6-Tribromophenol (Surrogate)	MS	2037384-76	ND	0.92099	1.3423	mg/kg		68.6		20 - 150
	MSD	2037384-76	ND	0.91725	1.3201	mg/kg	0.4	69.5		20 - 150
p-Terphenyl-d14 (Surrogate)	MS	2037384-76	ND	0.59040	0.67114	mg/kg		88.0		30 - 150
	MSD	2037384-76	ND	0.61484	0.66007	mg/kg	4.1	93.1		30 - 150

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096678						
TPH - Diesel (FFP)	B096678-BLK1	ND	mg/kg	10	2.2	
TPH - Motor Oil	B096678-BLK1	ND	mg/kg	20	7.0	
Tetracosane (Surrogate)	B096678-BLK1	78.9	%	20 - 145 (LCL - UCL)		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B096678										
TPH - Diesel (FFP)	B096678-BS1	LCS	66.122	84.459	mg/kg	78.3		64 - 124		
Tetracosane (Surrogate)	B096678-BS1	LCS	2.6233	3.3784	mg/kg	77.6		20 - 145		

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
QC Batch ID: B096678		Used client sample: N								
TPH - Diesel (FFP)	MS	2037384-76	ND	64.006	82.508	mg/kg		77.6		52 - 131
	MSD	2037384-76	ND	55.279	84.175	mg/kg	14.6	65.7	30	52 - 131
Tetracosane (Surrogate)	MS	2037384-76	ND	2.4647	3.3003	mg/kg		74.7		20 - 145
	MSD	2037384-76	ND	1.9823	3.3670	mg/kg	21.7	58.9		20 - 145

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B098148						
Lead	B098148-BLK1	ND	mg/L	0.50	0.16	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B098148										
Lead	B098148-BS1	LCS	19.766	20.000	mg/L	98.8		85	115	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B098148		Used client sample: Y - Description: 4:1 Composite D3, 12/28/2020 00:00									
Lead	DUP	2037959-01	13.773	14.959		mg/L	8.3		20		
	MS	2037959-01	13.773	31.401	20.408	mg/L		86.4		75 - 125	
	MSD	2037959-01	13.773	32.099	20.408	mg/L	2.2	89.8	20	75 - 125	

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B098045						
Lead	B098045-BLK1	0.040984	mg/L	0.50	0.030	J

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: B098045										
Lead	B098045-BS1	LCS	19.592	20.000	mg/L	98.0		85	115	

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Reported: 01/26/2021 9:49
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: B098045		Used client sample: N									
Lead	DUP	'035559-15RE'	ND	ND		mg/L			20		
	MS	'035559-15RE'	ND	20.434	20.000	mg/L		102		75 - 125	
	MSD	'035559-15RE'	ND	20.172	20.000	mg/L	1.3	101	20	75 - 125	

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Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B096267						
Antimony	B096267-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B096267-BLK1	ND	mg/kg	1.0	0.40	
Barium	B096267-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B096267-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B096267-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B096267-BLK1	ND	mg/kg	0.50	0.050	
Cobalt	B096267-BLK1	ND	mg/kg	2.5	0.098	
Copper	B096267-BLK1	0.11801	mg/kg	1.0	0.050	J
Lead	B096267-BLK1	ND	mg/kg	2.5	0.41	
Molybdenum	B096267-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B096267-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B096267-BLK1	ND	mg/kg	1.0	0.98	
Silver	B096267-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B096267-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B096267-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B096267-BLK1	0.23415	mg/kg	2.5	0.087	J
QC Batch ID: B096899						
Mercury	B096899-BLK1	ND	mg/kg	0.16	0.016	

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Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B096267										
Antimony	B096267-BS1	LCS	104.79	100.00	mg/kg	105		75 - 125		
Arsenic	B096267-BS1	LCS	18.943	20.000	mg/kg	94.7		75 - 125		
Barium	B096267-BS1	LCS	104.36	100.00	mg/kg	104		75 - 125		
Beryllium	B096267-BS1	LCS	10.541	10.000	mg/kg	105		75 - 125		
Cadmium	B096267-BS1	LCS	10.780	10.000	mg/kg	108		75 - 125		
Chromium	B096267-BS1	LCS	107.32	100.00	mg/kg	107		75 - 125		
Cobalt	B096267-BS1	LCS	106.65	100.00	mg/kg	107		75 - 125		
Copper	B096267-BS1	LCS	97.328	100.00	mg/kg	97.3		75 - 125		
Lead	B096267-BS1	LCS	107.69	100.00	mg/kg	108		75 - 125		
Molybdenum	B096267-BS1	LCS	106.40	100.00	mg/kg	106		75 - 125		
Nickel	B096267-BS1	LCS	111.97	100.00	mg/kg	112		75 - 125		
Selenium	B096267-BS1	LCS	19.730	20.000	mg/kg	98.6		75 - 125		
Silver	B096267-BS1	LCS	9.8629	10.000	mg/kg	98.6		75 - 125		
Thallium	B096267-BS1	LCS	117.04	100.00	mg/kg	117		75 - 125		
Vanadium	B096267-BS1	LCS	105.04	100.00	mg/kg	105		75 - 125		
Zinc	B096267-BS1	LCS	106.74	100.00	mg/kg	107		75 - 125		
QC Batch ID: B096899										
Mercury	B096899-BS1	LCS	0.80480	0.80000	mg/kg	101		80 - 120		

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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Source Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes rows for various elements like Antimony, Arsenic, Barium, etc.

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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	Percent Recovery	
QC Batch ID: B096267		Used client sample: N								
Thallium	DUP	2037583-01	ND	ND		mg/kg			20	
	MS	2037583-01	ND	110.49	100.00	mg/kg		110		75 - 125
	MSD	2037583-01	ND	104.45	100.00	mg/kg	5.6	104	20	75 - 125
Vanadium	DUP	2037583-01	127.99	132.75		mg/kg	3.7		20	
	MS	2037583-01	127.99	252.41	100.00	mg/kg		124		75 - 125
	MSD	2037583-01	127.99	240.94	100.00	mg/kg	4.6	113	20	75 - 125
Zinc	DUP	2037583-01	73.688	73.896		mg/kg	0.3		20	
	MS	2037583-01	73.688	204.71	100.00	mg/kg		131		75 - 125
	MSD	2037583-01	73.688	195.92	100.00	mg/kg	4.4	122	20	75 - 125
QC Batch ID: B096899		Used client sample: Y - Description: 4:1 Composite D3, 12/28/2020 00:00								
Mercury	DUP	2037959-01	0.67143	0.65556		mg/kg	2.4		20	
	MS	2037959-01	0.67143	1.5016	0.79365	mg/kg		105		80 - 120
	MSD	2037959-01	0.67143	1.5317	0.79365	mg/kg	2.0	108	20	80 - 120

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Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A01 Detection and quantitation limits are raised due to sample dilution.
- A02 The difference between duplicate readings is less than the quantitation limit.
- A10 Detection and quantitation limits were raised due to matrix interference.
- A19 Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
- A20 Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) was(were) not within the control limits.
- S09 The surrogate recovery for this compound was not within the control limits.
- Z1 ANTIFOAMER ADDED TO SAMPLE VOA.