

Attachment 1
SHORELINE SOIL COMPOSITE SAMPLE ANALYTICAL RESULTS



Date of Report: 03/04/2021

Gregory George

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

Client Project: [none]
BCL Project: Dunphy Park
BCL Work Order: 2037630
Invoice ID: B403211, B404025

Enclosed are the results of analyses for samples received by the laboratory on 12/23/2020. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001118718

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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Table of Contents

Sample Information

Case Narrative.....	4
Chain of Custody and Cooler Receipt form.....	13
Laboratory / Client Sample Cross Reference.....	17

Sample Results

2037630-01 - B1-B4 Composite

Organochlorine Pesticides (EPA Method 8081A).....	20
PCB Analysis (EPA Method 8082).....	21
Chlorinated Herbicides (EPA Method 8151A).....	22
Volatile Organic Analysis (EPA Method 8260B).....	23
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C).....	26
Total Petroleum Hydrocarbons.....	29
WET Test (STLC).....	30
TCLP Toxicity.....	31
Total Concentrations (TTLC).....	32

2037630-02 - B5-B8 Composite

Organochlorine Pesticides (EPA Method 8081A).....	33
PCB Analysis (EPA Method 8082).....	34
Chlorinated Herbicides (EPA Method 8151A).....	35
Volatile Organic Analysis (EPA Method 8260B).....	36
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C).....	39
Total Petroleum Hydrocarbons.....	42
Total Concentrations (TTLC).....	43

2037630-03 - B9-B12 Composite

Organochlorine Pesticides (EPA Method 8081A).....	44
PCB Analysis (EPA Method 8082).....	45
Chlorinated Herbicides (EPA Method 8151A).....	46
Volatile Organic Analysis (EPA Method 8260B).....	47
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C).....	50
Total Petroleum Hydrocarbons.....	53
WET Test (STLC).....	54
TCLP Toxicity.....	55
Total Concentrations (TTLC).....	56

2037630-04 - B13-B16 Composite

Organochlorine Pesticides (EPA Method 8081A).....	57
PCB Analysis (EPA Method 8082).....	58
Chlorinated Herbicides (EPA Method 8151A).....	59
Volatile Organic Analysis (EPA Method 8260B).....	60
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C).....	63
Total Petroleum Hydrocarbons.....	66
WET Test (STLC).....	67
TCLP Toxicity.....	68
Total Concentrations (TTLC).....	69

2037630-13 - B9

Total Concentrations (TTLC).....	70
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Quality Control Reports

Organochlorine Pesticides (EPA Method 8081A)

Method Blank Analysis.....	71
Laboratory Control Sample.....	72
Precision and Accuracy.....	73

PCB Analysis (EPA Method 8082)

Method Blank Analysis.....	74
Laboratory Control Sample.....	75
Precision and Accuracy.....	76

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Table of Contents

Chlorinated Herbicides (EPA Method 8151A)	
Method Blank Analysis.....	77
Laboratory Control Sample.....	78
Precision and Accuracy.....	79
Volatile Organic Analysis (EPA Method 8260B)	
Method Blank Analysis.....	80
Laboratory Control Sample.....	82
Precision and Accuracy.....	83
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)	
Method Blank Analysis.....	84
Laboratory Control Sample.....	87
Precision and Accuracy.....	88
Total Petroleum Hydrocarbons	
Method Blank Analysis.....	90
Laboratory Control Sample.....	91
Precision and Accuracy.....	92
WET Test (STLC)	
Method Blank Analysis.....	93
Laboratory Control Sample.....	94
Precision and Accuracy.....	95
TCLP Toxicity	
Method Blank Analysis.....	96
Laboratory Control Sample.....	97
Precision and Accuracy.....	98
Total Concentrations (TTLIC)	
Method Blank Analysis.....	99
Laboratory Control Sample.....	100
Precision and Accuracy.....	101
Notes	
Notes and Definitions.....	103

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

Sample Receipt

COC Number:

Samples received refrigerated to 4 °C

Sample List

<u>Lab Number</u>	<u>Date/Time Sampled</u>	<u>Sample Name</u>
2037630-01	12/22/2020 09:55	B1-B4 Composite
2037630-02	12/22/2020 10:41	B5-B8 Composite
2037630-03	12/22/2020 11:15	B9-B12 Composite
2037630-04	12/22/2020 12:45	B13-B16 Composite
2037630-05	12/22/2020 09:55	B1
2037630-06	12/22/2020 10:06	B2
2037630-07	12/22/2020 10:18	B3
2037630-08	12/22/2020 10:30	B4
2037630-09	12/22/2020 10:41	B5
2037630-10	12/22/2020 10:49	B6
2037630-11	12/22/2020 10:56	B7
2037630-12	12/22/2020 11:01	B8
2037630-13	12/22/2020 11:15	B9
2037630-14	12/22/2020 11:21	B10
2037630-15	12/22/2020 11:27	B11
2037630-16	12/22/2020 11:31	B12
2037630-17	12/22/2020 12:45	B13
2037630-18	12/22/2020 12:58	B14
2037630-19	12/22/2020 13:11	B15
2037630-20	12/22/2020 13:22	B16

Requested Analysis

EPA-6010B (STLC), EPA-6010B (TCLP), EPA-6010B (TTL), EPA-7471A (TTL), 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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775 Baywood Drive, Suite 305
Petaluma, CA 94954

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037630-01	EPA-8015B/FFP	TPH - Motor Oil	A57
2037630-01	EPA-8081A	Aldrin	A10
2037630-01	EPA-8081A	alpha-BHC	A10
2037630-01	EPA-8081A	beta-BHC	A10
2037630-01	EPA-8081A	delta-BHC	A10
2037630-01	EPA-8081A	gamma-BHC (Lindane)	A10
2037630-01	EPA-8081A	Chlordane (Technical)	A10
2037630-01	EPA-8081A	4,4'-DDD	A10
2037630-01	EPA-8081A	4,4'-DDE	A10
2037630-01	EPA-8081A	4,4'-DDT	A10
2037630-01	EPA-8081A	Dieldrin	A10
2037630-01	EPA-8081A	Endosulfan I	A10
2037630-01	EPA-8081A	Endosulfan II	A10
2037630-01	EPA-8081A	Endosulfan sulfate	A10
2037630-01	EPA-8081A	Endrin	A10
2037630-01	EPA-8081A	Endrin aldehyde	A10
2037630-01	EPA-8081A	Heptachlor	A10
2037630-01	EPA-8081A	Heptachlor epoxide	A10
2037630-01	EPA-8081A	Methoxychlor	A10
2037630-01	EPA-8081A	Toxaphene	A10
2037630-01	EPA-8081A	TCMX (Surrogate)	A10
2037630-01	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037630-01	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037630-01	EPA-8151A	2,4-Dichlorophenylacetic acid (Surrogate)	S09
2037630-01	EPA-8270C	Acenaphthene	A10
2037630-01	EPA-8270C	Acenaphthylene	A10
2037630-01	EPA-8270C	Aldrin	A10
2037630-01	EPA-8270C	Aniline	A10
2037630-01	EPA-8270C	Anthracene	A10
2037630-01	EPA-8270C	Benzidine	A10
2037630-01	EPA-8270C	Benzo[a]anthracene	A10
2037630-01	EPA-8270C	Benzo[b]fluoranthene	A10
2037630-01	EPA-8270C	Benzo[k]fluoranthene	A10
2037630-01	EPA-8270C	Benzo[a]pyrene	A10
2037630-01	EPA-8270C	Benzo[g,h,i]perylene	A10
2037630-01	EPA-8270C	Benzoic acid	A10
2037630-01	EPA-8270C	Benzyl alcohol	A10
2037630-01	EPA-8270C	Benzyl butyl phthalate	A10
2037630-01	EPA-8270C	alpha-BHC	A10

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037630-01	EPA-8270C	beta-BHC	A10
2037630-01	EPA-8270C	delta-BHC	A10
2037630-01	EPA-8270C	gamma-BHC (Lindane)	A10
2037630-01	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037630-01	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037630-01	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037630-01	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037630-01	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037630-01	EPA-8270C	4-Chloroaniline	A10
2037630-01	EPA-8270C	2-Chloronaphthalene	A10
2037630-01	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037630-01	EPA-8270C	Chrysene	A10
2037630-01	EPA-8270C	4,4'-DDD	A10
2037630-01	EPA-8270C	4,4'-DDE	A10
2037630-01	EPA-8270C	4,4'-DDT	A10
2037630-01	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037630-01	EPA-8270C	Dibenzofuran	A10
2037630-01	EPA-8270C	1,2-Dichlorobenzene	A10
2037630-01	EPA-8270C	1,3-Dichlorobenzene	A10
2037630-01	EPA-8270C	1,4-Dichlorobenzene	A10
2037630-01	EPA-8270C	3,3-Dichlorobenzidine	A10
2037630-01	EPA-8270C	Dieldrin	A10
2037630-01	EPA-8270C	Diethyl phthalate	A10
2037630-01	EPA-8270C	Dimethyl phthalate	A10
2037630-01	EPA-8270C	Di-n-butyl phthalate	A10
2037630-01	EPA-8270C	2,4-Dinitrotoluene	A10
2037630-01	EPA-8270C	2,6-Dinitrotoluene	A10
2037630-01	EPA-8270C	Di-n-octyl phthalate	A10
2037630-01	EPA-8270C	1,2-Diphenylhydrazine	A10
2037630-01	EPA-8270C	Endosulfan I	A10
2037630-01	EPA-8270C	Endosulfan II	A10
2037630-01	EPA-8270C	Endosulfan sulfate	A10
2037630-01	EPA-8270C	Endrin	A10
2037630-01	EPA-8270C	Endrin aldehyde	A10
2037630-01	EPA-8270C	Fluoranthene	A10
2037630-01	EPA-8270C	Fluorene	A10
2037630-01	EPA-8270C	Heptachlor	A10
2037630-01	EPA-8270C	Heptachlor epoxide	A10
2037630-01	EPA-8270C	Hexachlorobenzene	A10

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Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037630-01	EPA-8270C	Hexachlorobutadiene	A10
2037630-01	EPA-8270C	Hexachlorocyclopentadiene	A10
2037630-01	EPA-8270C	Hexachloroethane	A10
2037630-01	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2037630-01	EPA-8270C	Isophorone	A10
2037630-01	EPA-8270C	2-Methylnaphthalene	A10
2037630-01	EPA-8270C	Naphthalene	A10
2037630-01	EPA-8270C	2-Naphthylamine	A10
2037630-01	EPA-8270C	2-Nitroaniline	A10
2037630-01	EPA-8270C	3-Nitroaniline	A10
2037630-01	EPA-8270C	4-Nitroaniline	A10
2037630-01	EPA-8270C	Nitrobenzene	A10
2037630-01	EPA-8270C	N-Nitrosodimethylamine	A10
2037630-01	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2037630-01	EPA-8270C	N-Nitrosodiphenylamine	A10
2037630-01	EPA-8270C	Phenanthrene	A10
2037630-01	EPA-8270C	Pyrene	A10
2037630-01	EPA-8270C	1,2,4-Trichlorobenzene	A10
2037630-01	EPA-8270C	4-Chloro-3-methylphenol	A10
2037630-01	EPA-8270C	2-Chlorophenol	A10
2037630-01	EPA-8270C	2,4-Dichlorophenol	A10
2037630-01	EPA-8270C	2,4-Dimethylphenol	A10
2037630-01	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037630-01	EPA-8270C	2,4-Dinitrophenol	A10
2037630-01	EPA-8270C	2-Methylphenol	A10
2037630-01	EPA-8270C	3- & 4-Methylphenol	A10
2037630-01	EPA-8270C	2-Nitrophenol	A10
2037630-01	EPA-8270C	4-Nitrophenol	A10
2037630-01	EPA-8270C	Pentachlorophenol	A10
2037630-01	EPA-8270C	Phenol	A10
2037630-01	EPA-8270C	2,4,5-Trichlorophenol	A10
2037630-01	EPA-8270C	2,4,6-Trichlorophenol	A10
2037630-01	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037630-01	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037630-01	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037630-01	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037630-01	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037630-01	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2037630-02	EPA-8015B/FFP	TPH - Motor Oil	A57

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Petaluma, CA 94954

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037630-02	EPA-8081A Aldrin	A10
2037630-02	EPA-8081A alpha-BHC	A10
2037630-02	EPA-8081A beta-BHC	A10
2037630-02	EPA-8081A delta-BHC	A10
2037630-02	EPA-8081A gamma-BHC (Lindane)	A10
2037630-02	EPA-8081A Chlordane (Technical)	A10
2037630-02	EPA-8081A 4,4'-DDD	A10
2037630-02	EPA-8081A 4,4'-DDE	A10
2037630-02	EPA-8081A 4,4'-DDT	A10
2037630-02	EPA-8081A Dieldrin	A10
2037630-02	EPA-8081A Endosulfan I	A10
2037630-02	EPA-8081A Endosulfan II	A10
2037630-02	EPA-8081A Endosulfan sulfate	A10
2037630-02	EPA-8081A Endrin	A10
2037630-02	EPA-8081A Endrin aldehyde	A10
2037630-02	EPA-8081A Heptachlor	A10
2037630-02	EPA-8081A Heptachlor epoxide	A10
2037630-02	EPA-8081A Methoxychlor	A10
2037630-02	EPA-8081A Toxaphene	A10
2037630-02	EPA-8081A TCMX (Surrogate)	A10
2037630-02	EPA-8081A Decachlorobiphenyl (Surrogate)	A10
2037630-03	EPA-8081A Aldrin	A10
2037630-03	EPA-8081A alpha-BHC	A10
2037630-03	EPA-8081A beta-BHC	A10
2037630-03	EPA-8081A delta-BHC	A10
2037630-03	EPA-8081A gamma-BHC (Lindane)	A10
2037630-03	EPA-8081A Chlordane (Technical)	A10
2037630-03	EPA-8081A 4,4'-DDD	A10
2037630-03	EPA-8081A 4,4'-DDE	A10
2037630-03	EPA-8081A 4,4'-DDT	A10
2037630-03	EPA-8081A Dieldrin	A10
2037630-03	EPA-8081A Endosulfan I	A10
2037630-03	EPA-8081A Endosulfan II	A10
2037630-03	EPA-8081A Endosulfan sulfate	A10
2037630-03	EPA-8081A Endrin	A10
2037630-03	EPA-8081A Endrin aldehyde	A10
2037630-03	EPA-8081A Heptachlor	A10
2037630-03	EPA-8081A Heptachlor epoxide	A10
2037630-03	EPA-8081A Methoxychlor	A10

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Petaluma, CA 94954

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037630-03	EPA-8081A	Toxaphene	A10
2037630-03	EPA-8081A	TCMX (Surrogate)	A10
2037630-03	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2037630-03	EPA-8260B	1,2-Dichloroethane-d4 (Surrogate)	S09
2037630-04	EPA-8081A	Decachlorobiphenyl (Surrogate)	A20
2037630-04	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2037630-04	EPA-8270C	Acenaphthene	A10
2037630-04	EPA-8270C	Acenaphthylene	A10
2037630-04	EPA-8270C	Aldrin	A10
2037630-04	EPA-8270C	Aniline	A10
2037630-04	EPA-8270C	Anthracene	A10
2037630-04	EPA-8270C	Benzidine	A10
2037630-04	EPA-8270C	Benzo[a]anthracene	A10
2037630-04	EPA-8270C	Benzo[b]fluoranthene	A10
2037630-04	EPA-8270C	Benzo[k]fluoranthene	A10
2037630-04	EPA-8270C	Benzo[a]pyrene	A10
2037630-04	EPA-8270C	Benzo[g,h,i]perylene	A10
2037630-04	EPA-8270C	Benzoic acid	A10
2037630-04	EPA-8270C	Benzyl alcohol	A10
2037630-04	EPA-8270C	Benzyl butyl phthalate	A10
2037630-04	EPA-8270C	alpha-BHC	A10
2037630-04	EPA-8270C	beta-BHC	A10
2037630-04	EPA-8270C	delta-BHC	A10
2037630-04	EPA-8270C	gamma-BHC (Lindane)	A10
2037630-04	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2037630-04	EPA-8270C	bis(2-Chloroethyl) ether	A10
2037630-04	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2037630-04	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2037630-04	EPA-8270C	4-Bromophenyl phenyl ether	A10
2037630-04	EPA-8270C	4-Chloroaniline	A10
2037630-04	EPA-8270C	2-Chloronaphthalene	A10
2037630-04	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2037630-04	EPA-8270C	Chrysene	A10
2037630-04	EPA-8270C	4,4'-DDD	A10
2037630-04	EPA-8270C	4,4'-DDE	A10
2037630-04	EPA-8270C	4,4'-DDT	A10
2037630-04	EPA-8270C	Dibenzo[a,h]anthracene	A10
2037630-04	EPA-8270C	Dibenzofuran	A10
2037630-04	EPA-8270C	1,2-Dichlorobenzene	A10

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775 Baywood Drive, Suite 305
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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
Sample Qualifier Summary		
2037630-04	EPA-8270C	1,3-Dichlorobenzene A10
2037630-04	EPA-8270C	1,4-Dichlorobenzene A10
2037630-04	EPA-8270C	3,3-Dichlorobenzidine A10
2037630-04	EPA-8270C	Dieldrin A10
2037630-04	EPA-8270C	Diethyl phthalate A10
2037630-04	EPA-8270C	Dimethyl phthalate A10
2037630-04	EPA-8270C	Di-n-butyl phthalate A10
2037630-04	EPA-8270C	2,4-Dinitrotoluene A10
2037630-04	EPA-8270C	2,6-Dinitrotoluene A10
2037630-04	EPA-8270C	Di-n-octyl phthalate A10
2037630-04	EPA-8270C	1,2-Diphenylhydrazine A10
2037630-04	EPA-8270C	Endosulfan I A10
2037630-04	EPA-8270C	Endosulfan II A10
2037630-04	EPA-8270C	Endosulfan sulfate A10
2037630-04	EPA-8270C	Endrin A10
2037630-04	EPA-8270C	Endrin aldehyde A10
2037630-04	EPA-8270C	Fluoranthene A10
2037630-04	EPA-8270C	Fluorene A10
2037630-04	EPA-8270C	Heptachlor A10
2037630-04	EPA-8270C	Heptachlor epoxide A10
2037630-04	EPA-8270C	Hexachlorobenzene A10
2037630-04	EPA-8270C	Hexachlorobutadiene A10
2037630-04	EPA-8270C	Hexachlorocyclopentadiene A10
2037630-04	EPA-8270C	Hexachloroethane A10
2037630-04	EPA-8270C	Indeno[1,2,3-cd]pyrene A10
2037630-04	EPA-8270C	Isophorone A10
2037630-04	EPA-8270C	2-Methylnaphthalene A10
2037630-04	EPA-8270C	Naphthalene A10
2037630-04	EPA-8270C	2-Naphthylamine A10
2037630-04	EPA-8270C	2-Nitroaniline A10
2037630-04	EPA-8270C	3-Nitroaniline A10
2037630-04	EPA-8270C	4-Nitroaniline A10
2037630-04	EPA-8270C	Nitrobenzene A10
2037630-04	EPA-8270C	N-Nitrosodimethylamine A10
2037630-04	EPA-8270C	N-Nitrosodi-N-propylamine A10
2037630-04	EPA-8270C	N-Nitrosodiphenylamine A10
2037630-04	EPA-8270C	Phenanthrene A10
2037630-04	EPA-8270C	Pyrene A10
2037630-04	EPA-8270C	1,2,4-Trichlorobenzene A10

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>	
Sample Qualifier Summary			
2037630-04	EPA-8270C	4-Chloro-3-methylphenol	A10
2037630-04	EPA-8270C	2-Chlorophenol	A10
2037630-04	EPA-8270C	2,4-Dichlorophenol	A10
2037630-04	EPA-8270C	2,4-Dimethylphenol	A10
2037630-04	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2037630-04	EPA-8270C	2,4-Dinitrophenol	A10
2037630-04	EPA-8270C	2-Methylphenol	A10
2037630-04	EPA-8270C	3- & 4-Methylphenol	A10
2037630-04	EPA-8270C	2-Nitrophenol	A10
2037630-04	EPA-8270C	4-Nitrophenol	A10
2037630-04	EPA-8270C	Pentachlorophenol	A10
2037630-04	EPA-8270C	Phenol	A10
2037630-04	EPA-8270C	2,4,5-Trichlorophenol	A10
2037630-04	EPA-8270C	2,4,6-Trichlorophenol	A10
2037630-04	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2037630-04	EPA-8270C	Phenol-d5 (Surrogate)	A10
2037630-04	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2037630-04	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2037630-04	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2037630-04	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10

Holding Times

All holding time requirements were met.

Method Blanks

B096124-BLK1	EPA-6010B (TTLIC)	Chromium	0.097260 mg/kg
B096124-BLK1	EPA-6010B (TTLIC)	Copper	0.11281 mg/kg
B096124-BLK1	EPA-6010B (TTLIC)	Zinc	0.30572 mg/kg
B096382-BLK1	EPA-7471A (TTLIC)	Mercury	0.016160 mg/kg
B096513-BLK1	EPA-8270C	Phenol-d5 (Surrogate)	S09

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Case Narrative

<u>Sample</u>		<u>Analyte</u>	<u>Flag</u>
Matrix Spikes			
B095614-MSD1	EPA-8260B	Chloroethane	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
B101649-MSD1	EPA-6010B (TTLC)	Lead	Q02

LCS			
B096513-BS1	EPA-8270C	4-Nitrophenol	L21
B096513-BS1	EPA-8270C	Phenol	L21

Discussion

Client advised to run Lead STLC and Lead TCLP analyses for samples B1-B4, B9-B12, and B13-B16 .On 03/01/21 client advised to do standard TAT on the discrete sample (2037630-13) B9 - Pb 6010 and STLC and TCLP analyses as needed.

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.

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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

* Required Fields

Client/Company Name: **GLA** TEMP: **20-37030** Phone # #: **Gregory George** FAX # #: **george@geologic.com**

Report Attention: **Gregory George** E-mail: **george@geologic.com**

Address: **775 Baywood Dr. #305 Petaluma, CA** City: **Petaluma** State: **CA** Zip: **94954**

Project Information: **Dunphy Park - San Salito** PO #: BCL Quote #:

How would you like your completed results sent? E-Mail Fax EDID Mail Only

Sampler Name/Printed/Signature: **Gregory George**

QC Request: STD Level II Level III Day** Day**

Result Request: STD Day** Day**

Matrix Types: RSW = Raw Surface Water CPW = Chlorinated Finished 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

ANALYSIS REQUESTED

TPHs	B260
TPHs/mo	B015
VOCs	B260
SVCs	B270
OCs	B081
PCBs	B082
Chlorides	B082
CAM 17	B082

Sample #	Bottles	Sampled Date	Time	Sample Description / Location	Matrix	Comments / Station Code
5		12/24/05	0955	B1	Soil	
6		1006		B2		-1
7		1018		B3		3 4:1 B1-B4
8		1030		B4		
9		1041		B5		-2
10		1049		B6		3 4:1 B5-B8
11		1056		B7		
12		1101		B8		

Relinquished by: (Signature and Printed Name) **D. Gregory George** Company **GLA** Date **12/24/05** Time **14:31** Received by (Signature and Print Name) **Duke Brown/BANK** Company **BC LABS**

Relinquished by: (Signature and Printed Name) **Duke Brown/BANK** Company **BC LABS** Date **12/24/05** Time **1830** Received by (Signature and Print Name) Company **BCL 122501025**

Received for Lab by: (Signature and Printed Name) Date Time Payment Received/Delivery:

Shipping Method: **CAO UPS GSO WALK-IN SVC FEDEX OTHER** Packing Material: **WET BLUE NONE**

Check/Cash/Cred PIA # Date: Amount: Inti.

1 of 2

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Chain of Custody

ANALYSIS REQUESTED

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

BC LABORATORIES

TEMP: 20-37630

Client/Company Name: GLA, Report Attention: Gregory George, E-mail: ggeorge@geo-logic.com

Project Information: Dunphy Park - Sausalito, Sampler Name: Gregory George

Matrix Types: RSW = Raw Surface Water, CFW = Chlorinated Finished Water, RGW = Raw Ground Water, FW = Finished Water, WW = Waste Water, SW = Storm Water, BW = Bottled Water, DW = Drinking Water, SO = Soil

Table with columns: Sample #, Bottles, Sampled Date, Time, Sample Description / Location, Matrix, and Analysis Requested (TPH, TPHd, m, VOCs, SVOCs, PCBs, CAM17, etc.)

Relinquished by: Gregory George, Received by: Bill Benson/Benson, Date: 12/22/15, Time: 1:53P

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

2 of 2

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BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 of 2

Submission #: 2037630

SHIPPING INFORMATION: Fed Ex, UPS, Ontrac, Hand Delivery, Other. SHIPPING CONTAINER: Ice Chest, None, Box, Other. FREE LIQUID: YES, NO, W/S.

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

Custody Seals: Ice Chest, Containers, None. 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: 95. Container: glass. Thermometer ID: 274. Date/Time: 12-23-10 10:25. Analyst Init: TKJ. Temperature: (A) 4.0 C / (C) 40 C.

Table with columns: SAMPLE CONTAINERS, SAMPLE NUMBERS (1-10). Rows include various sample types like QT PE UNPRES, INORGANIC CHEMICAL METALS, etc. Sample numbers 4-10 are marked with 'A'.

Comments: Sample Numbering Completed By: [Signature] Date/Time: 12/23/10 12:13 Rev 21 05/23/2016



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 of 2

Submission #: 2037630

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

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: 95 Container: glass Thermometer ID: 274 Date/Time: 12-23-20 10:25
Temperature: [A] 4.0 °C / [C] 4.0 °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 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 503/505/508/510										
QT EPA 515.1/515.0										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 533.1										
8oz EPA 548										
QT EPA 549										
QT EPA 801504										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORK										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: CMA Date/Time: 12/23/20 12:13 Rev 21 05/23/2016

= Actual / C = Corrected

15:\WP\Doc\T\ref\Perfect\LAB_DOC\FORMS\SIG\MRC\rev 20



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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
2037630-01	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 09:55
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B1-B4 Composite	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037630-02	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 10:41
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B5-B8 Composite	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037630-03	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 11:15
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B9-B12 Composite	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037630-04	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 12:45
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B13-B16 Composite	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037630-05	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 09:55
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B1	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037630-06	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 10:06
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B2	Lab Matrix: Solids
	Sampled By:	Gregory George	Sample Type: Soil
	<hr/>		
	<hr/>		
2037630-07	COC Number:	---	Receive Date: 12/23/2020 10:25
	Project Number:	---	Sampling Date: 12/22/2020 10:18
	Sampling Location:	Dunphy	Sample Depth: 0.0
	Sampling Point:	B3	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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037630-08	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 10:30
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B4	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-09	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 10:41
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B5	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-10	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 10:49
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B6	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-11	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 10:56
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B7	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-12	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 11:01
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B8	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-13	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 11:15
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B9	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-14	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 11:21
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B10	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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2037630-15	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 11:27
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B11	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-16	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 11:31
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B12	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-17	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 12:45
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B13	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-18	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 12:58
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B14	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-19	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 13:11
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B15	Lab Matrix:	Solids
	Sampled By:	Gregory George	Sample Type:	Soil
	<hr/>			
2037630-20	COC Number:	---	Receive Date:	12/23/2020 10:25
	Project Number:	---	Sampling Date:	12/22/2020 13:22
	Sampling Location:	Dunphy	Sample Depth:	0.0
	Sampling Point:	B16	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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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	0.00072	mg/kg	0.0050	0.00064	EPA-8081A	ND	J,A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00095	EPA-8081A	ND	A10	1
4,4'-DDT	0.0016	mg/kg	0.0050	0.00040	EPA-8081A	ND	J,A10	1
Dieldrin	0.00047	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)	29.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	43.7	%	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 20:28	HKS	GC-17	10.067	B096396	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037630-01		Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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	0.0051	mg/kg	0.010	0.0018	EPA-8082	ND	J	1	
Total PCB's (Summation)	0.0051	mg/kg	0.010	0.0050	EPA-8082	ND	J	1	
Decachlorobiphenyl (Surrogate)	16.7	%	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 18:16	HKS	GC-14	1.014	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037630-01		Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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)	33.3	%	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	12/30/20 10:00	12/30/20	20:51	OLH	GC-8	1.017	B096423	EPA 3550B

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Petaluma, CA 94954

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-01	Client Sample Name:	Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, Gregory George					
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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-01							Client Sample Name:	Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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	0.0015	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)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1					
4-Bromofluorobenzene (Surrogate)	95.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1					

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, Gregory George
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	12/23/20 13:55	12/29/20 02:58	BYM	MS-V3	1	B095614 EPA 5030 Soil MS

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-01		Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-01		Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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)	32.2	%	20 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Phenol-d5 (Surrogate)	47.8	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
Nitrobenzene-d5 (Surrogate)	42.7	%	30 - 130 (LCL - UCL)		EPA-8270C	ND	A10	1
2-Fluorobiphenyl (Surrogate)	32.9	%	30 - 140 (LCL - UCL)		EPA-8270C	ND	A10	1
2,4,6-Tribromophenol (Surrogate)	24.0	%	20 - 150 (LCL - UCL)		EPA-8270C	ND	A10	1
p-Terphenyl-d14 (Surrogate)	43.2	%	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 02:24	MK1	MS-B2	9.697	B096513	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	20	mg/kg	20	4.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	150	mg/kg	40	14	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	51.9	%	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	12/30/20 18:05	01/04/21	15:09	BUP	GC-13	1.993	B096527	EPA 3550B

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	38	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	01/14/21 15:00	01/14/21 20:19	JCC	PE-OP3	1	B097368	EPA 3005A

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	1.5	mg/L	0.50	0.030	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/14/21 13:15	01/14/21 21:35	JCC	PE-OP3	1	B097340	EPA 3050B

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLIC)

BCL Sample ID: 2037630-01	Client Sample Name: Dunphy, B1-B4 Composite, 0.0, 12/22/2020 9:55:00AM, 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	7.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	240	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.31	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	32	mg/kg	0.50	0.050	EPA-6010B	0.096		1
Cobalt	9.1	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	180	mg/kg	1.0	0.050	EPA-6010B	0.11		1
Lead	380	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.12	mg/kg	0.16	0.016	EPA-7471A	0.016	J	2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	35	mg/kg	0.50	0.15	EPA-6010B	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	0.35	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	41	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	560	mg/kg	2.5	0.087	EPA-6010B	0.30		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	14:15	JCC	PE-OP3	0.990	B096124	EPA 3050B
2	EPA-7471A	01/04/21 10:50	01/04/21	13:24	TMT	CETAC3	1.008	B096382	EPA 7471A

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037630-02	Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.000076	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0010	0.000096	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0010	0.000074	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0020	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00019	EPA-8081A	ND	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.000080	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0010	0.000072	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.000040	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0010	0.000068	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.000034	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00019	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.10	0.0028	EPA-8081A	ND	A10	1
TCMX (Surrogate)	62.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	85.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8081A	12/30/20 14:00	12/30/20	20:44	HKS	GC-17	1.993	B096396	EPA 3550B

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037630-02		Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, 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)	43.3	%	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 19:20	HKS	GC-14	0.997	B096379	EPA 3550B

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037630-02		Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, 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)	59.2	%	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	12/30/20 10:00	12/30/20 21:14	OLH	GC-8	1.014	B096423	EPA 3550B

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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-02							
Client Sample Name:	Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George							
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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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-02		Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, 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)	120	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	112	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037630-02	Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George
----------------------------------	------------------------------------------------------------------------------------------------

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/23/20 13:55	12/30/20 03:38		BYM	MS-V3	1	B095614	EPA 5030 Soil MS

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-02		Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.0068	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-02		Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

Table with 2 columns: BCL Sample ID (2037630-02) and Client Sample Name (Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George)

Main data table with columns: Constituent, Result, Units, PQL, MDL, Method, MB Bias, Lab Qualls, Run #. Lists various chemical compounds and their detection results.

Summary table with columns: Run #, Method, Prep Date, Run Date/Time, Analyst, Instrument, Dilution, QC Batch ID, Prep Method. Shows details for Run #1.

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037630-02	Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, Gregory George
----------------------------------	------------------------------------------------------------------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	20	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	57	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	75.2	%	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	15:32	BUP	GC-13	0.984	B096527	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLIC)

BCL Sample ID: 2037630-02	Client Sample Name: Dunphy, B5-B8 Composite, 0.0, 12/22/2020 10:41:00AM, 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	3.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	220	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	0.27	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	29	mg/kg	0.50	0.050	EPA-6010B	0.094		1
Cobalt	8.9	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	29	mg/kg	1.0	0.050	EPA-6010B	0.11		1
Lead	36	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	28	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	34	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	67	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	14:17	JCC	PE-OP3	0.962	B096124	EPA 3050B
2	EPA-7471A	01/04/21 10:50	01/04/21	13:26	TMT	CETAC3	0.962	B096382	EPA 7471A

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George
----------------------------------	-------------------------------------------------------------------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
4,4'-DDE	ND	mg/kg	0.0025	0.00048	EPA-8081A	ND	A10	1
4,4'-DDT	ND	mg/kg	0.0025	0.00020	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A10	1
TCMX (Surrogate)	51.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	69.1	%	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 21:01	HKS	GC-17	5.051	B096396	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037630-03		Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, 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)	50.0	%	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 19:30	HKS	GC-14	1.007	B096379	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, 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)	47.8	%	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	12/30/20 10:00	12/30/20 23:52	OLH	GC-8	1.003	B096423	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-03							
Client Sample Name:	Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George							
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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-03							Client Sample Name:	Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, 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)	123	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1					
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1					
4-Bromofluorobenzene (Surrogate)	110	%	74 - 121 (LCL - UCL)		EPA-8260B			1					

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George
----------------------------------	-------------------------------------------------------------------------------------------------

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	12/23/20 13:55	12/30/20 04:02	BYM	MS-V3	1	B095614 EPA 5030 Soil MS

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-03		Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.0068	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-03		Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID:	2037630-03	Client Sample Name:	Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	46.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	69.2	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	66.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	60.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	62.1	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	68.8	%	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	12/30/20	23:51	MK1	MS-B2	0.980	B096513	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, 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	ND	mg/kg	20	7.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	65.7	%	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	12:30	BUP	GC-13	1.007	B096527	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George
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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	01/14/21 15:00	01/14/21 20:21	JCC	PE-OP3	1	B097368	EPA 3005A

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, Gregory George
----------------------------------	-------------------------------------------------------------------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.87	mg/L	0.50	0.030	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	01/14/21 13:15	01/14/21 21:37	JCC	PE-OP3	1	B097340	EPA 3050B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037630-03	Client Sample Name: Dunphy, B9-B12 Composite, 0.0, 12/22/2020 11:15:00AM, 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	4.8	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	220	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.32	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.54	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	31	mg/kg	0.50	0.050	EPA-6010B	0.090		1
Cobalt	9.1	mg/kg	2.5	0.098	EPA-6010B	ND		1
Copper	43	mg/kg	1.0	0.050	EPA-6010B	0.10		1
Lead	240	mg/kg	2.5	0.41	EPA-6010B	ND		1
Mercury	0.13	mg/kg	0.16	0.016	EPA-7471A	0.016	J	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	0.22	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	34	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	250	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	14:19	JCC	PE-OP3	0.926	B096124	EPA 3050B
2	EPA-7471A	01/04/21 10:50	01/04/21	13:29	TMT	CETAC3	0.992	B096382	EPA 7471A

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0010	0.000076	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0010	0.000096	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0010	0.000074	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0020	EPA-8081A	ND	A01	1
4,4'-DDD	0.0013	mg/kg	0.0010	0.00013	EPA-8081A	ND	A01	1
4,4'-DDE	0.0012	mg/kg	0.0010	0.00019	EPA-8081A	ND	A01	1
4,4'-DDT	0.0014	mg/kg	0.0010	0.000080	EPA-8081A	ND	A01	1
Dieldrin	0.00028	mg/kg	0.0010	0.000072	EPA-8081A	ND	J,A01	1
Endosulfan I	ND	mg/kg	0.0010	0.000040	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0010	0.000068	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.000052	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0010	0.00013	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0010	0.000036	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0010	0.00017	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.000034	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0010	0.00019	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.10	0.0028	EPA-8081A	ND	A01	1
TCMX (Surrogate)	24.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	35.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,A20	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 21:17	HKS	GC-17	2.020	B096396	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2037630-04		Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, 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)	16.7	%	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 19:41	HKS	GC-14	1.003	B096379	EPA 3550B

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RMC Geoscience (Geologic)
775 Baywood Drive, Suite 305
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Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George
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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)	54.3	%	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	12/30/20 10:00	12/31/20 00:15	OLH	GC-8	1.017	B096423	EPA 3550B

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RMC Geoscience (Geologic)
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Petaluma, CA 94954

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-04	Client Sample Name:	Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George					
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: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID:	2037630-04	Client Sample Name:	Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, 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	0.062	mg/kg	0.20	0.058	Luft-GC/MS	ND	J	1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	110	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George
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Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	12/23/20 13:55	12/30/20 04:26		BYM	MS-V3	1	B095614	EPA 5030 Soil MS

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-04		Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	1.0	0.055	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	15	0.046	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.50	0.038	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.50	0.041	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.50	0.065	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	2.5	0.070	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	0.50	0.038	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	0.50	0.048	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.0	0.034	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	0.50	0.075	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID: 2037630-04		Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	1.0	0.034	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	0.50	0.038	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	0.50	0.042	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	1.0	0.044	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	1.0	0.044	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	1.0	0.043	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	2.5	0.035	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.50	0.065	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	0.50	0.075	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	15	0.18	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	1.0	0.034	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	1.0	0.055	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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

BCL Sample ID:	2037630-04	Client Sample Name:	Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.50	0.20	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	1.0	0.034	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	2.5	0.034	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	2.5	0.034	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	1.0	0.070	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	1.0	0.090	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	0.50	0.034	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	1.0	0.055	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	1.0	0.034	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	77.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	77.7	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	57.5	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	53.1	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1
2,4,6-Tribromophenol (Surrogate)	41.8	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	65.5	%	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	12/30/20 13:00	12/31/20	01:07	MK1	MS-B2	4.916	B096513	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Petroleum Hydrocarbons

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George
----------------------------------	--------------------------------------------------------------------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	5.6	mg/kg	10	2.2	EPA-8015B/FFP	ND	J	1
TPH - Motor Oil	ND	mg/kg	20	7.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	65.1	%	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	12:52	BUP	GC-13	1.017	B096527	EPA 3550B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

WET Test (STLC)

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	6.5	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	01/14/21 15:00	01/14/21	20:02	JCC	PE-OP3	1	B097368	EPA 3005A

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

TCLP Toxicity

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, Gregory George
----------------------------------	--------------------------------------------------------------------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	0.23	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	01/14/21 13:15	01/14/21 21:39	JCC	PE-OP3	1	B097340	EPA 3050B

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037630-04	Client Sample Name: Dunphy, B13-B16 Composite, 0.0, 12/22/2020 12:45:00PM, 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	5.9	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	85	mg/kg	0.50	0.18	EPA-6010B	ND		1
Beryllium	0.27	mg/kg	0.50	0.047	EPA-6010B	ND	J	1
Cadmium	0.40	mg/kg	0.50	0.052	EPA-6010B	ND	J	1
Chromium	26	mg/kg	0.50	0.050	EPA-6010B	0.091		1
Cobalt	7.5	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	0.065	mg/kg	0.16	0.016	EPA-7471A	0.016	J	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	0.13	mg/kg	0.50	0.067	EPA-6010B	ND	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	30	mg/kg	0.50	0.11	EPA-6010B	ND		1
Zinc	150	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	14:21	JCC	PE-OP3	0.935	B096124	EPA 3050B
2	EPA-7471A	01/04/21 10:50	01/04/21	13:31	TMT	CETAC3	1.008	B096382	EPA 7471A

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTLC)

BCL Sample ID: 2037630-13	Client Sample Name: Dunphy, B9, 0.0, 12/22/2020 11:15:00AM, Gregory George
----------------------------------	-----------------------------------------------------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	23	mg/kg	2.5	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	03/02/21 20:30	03/03/21 02:17		JCC	PE-OP3	0.990	B101649	EPA 3050B

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

Reported: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 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: 03/04/2021 11:58
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	RPD		Recovery
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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 Recovery		Lab
								RPD	Percent Recovery	
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: 03/04/2021 11:58
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: B095614						
Benzene	B095614-BLK1	ND	mg/kg	0.0050	0.00067	
Bromobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00087	
Bromochloromethane	B095614-BLK1	ND	mg/kg	0.0050	0.00081	
Bromodichloromethane	B095614-BLK1	ND	mg/kg	0.0050	0.00078	
Bromoform	B095614-BLK1	ND	mg/kg	0.0050	0.00070	
Bromomethane	B095614-BLK1	ND	mg/kg	0.0050	0.0017	
n-Butylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00076	
sec-Butylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00071	
tert-Butylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00085	
Carbon tetrachloride	B095614-BLK1	ND	mg/kg	0.0050	0.00078	
Chlorobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00077	
Chloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.0011	
Chloroform	B095614-BLK1	ND	mg/kg	0.0050	0.00090	
Chloromethane	B095614-BLK1	ND	mg/kg	0.0050	0.0011	
2-Chlorotoluene	B095614-BLK1	ND	mg/kg	0.0050	0.00087	
4-Chlorotoluene	B095614-BLK1	ND	mg/kg	0.0050	0.00070	
Dibromochloromethane	B095614-BLK1	ND	mg/kg	0.0050	0.00080	
1,2-Dibromo-3-chloropropane	B095614-BLK1	ND	mg/kg	0.0050	0.00096	
1,2-Dibromoethane	B095614-BLK1	ND	mg/kg	0.0050	0.00082	
Dibromomethane	B095614-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichlorobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00079	
1,3-Dichlorobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00073	
1,4-Dichlorobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00073	
Dichlorodifluoromethane	B095614-BLK1	ND	mg/kg	0.0050	0.00079	
1,1-Dichloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.00064	
1,2-Dichloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.00073	
1,1-Dichloroethene	B095614-BLK1	ND	mg/kg	0.0050	0.0011	
cis-1,2-Dichloroethene	B095614-BLK1	ND	mg/kg	0.0050	0.00054	
trans-1,2-Dichloroethene	B095614-BLK1	ND	mg/kg	0.0050	0.0037	
Total 1,2-Dichloroethene	B095614-BLK1	ND	mg/kg	0.010	0.0043	
1,2-Dichloropropane	B095614-BLK1	ND	mg/kg	0.0050	0.00080	
1,3-Dichloropropane	B095614-BLK1	ND	mg/kg	0.0050	0.00067	
2,2-Dichloropropane	B095614-BLK1	ND	mg/kg	0.0050	0.00067	
1,1-Dichloropropene	B095614-BLK1	ND	mg/kg	0.0050	0.00067	

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

Reported: 03/04/2021 11:58
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: B095614						
cis-1,3-Dichloropropene	B095614-BLK1	ND	mg/kg	0.0050	0.00058	
trans-1,3-Dichloropropene	B095614-BLK1	ND	mg/kg	0.0050	0.00066	
Total 1,3-Dichloropropene	B095614-BLK1	ND	mg/kg	0.010	0.0013	
Ethylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00069	
Hexachlorobutadiene	B095614-BLK1	ND	mg/kg	0.0050	0.00067	
Isopropylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00080	
p-Isopropyltoluene	B095614-BLK1	ND	mg/kg	0.0050	0.00059	
Methylene chloride	B095614-BLK1	ND	mg/kg	0.010	0.0011	
Methyl t-butyl ether	B095614-BLK1	ND	mg/kg	0.0050	0.00056	
Naphthalene	B095614-BLK1	ND	mg/kg	0.0050	0.00099	
n-Propylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00071	
Styrene	B095614-BLK1	ND	mg/kg	0.0050	0.00062	
1,1,1,2-Tetrachloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.00095	
1,1,2,2-Tetrachloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.00084	
Tetrachloroethene	B095614-BLK1	ND	mg/kg	0.0050	0.00097	
Toluene	B095614-BLK1	ND	mg/kg	0.0050	0.00069	
1,2,3-Trichlorobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,4-Trichlorobenzene	B095614-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1-Trichloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.00067	
1,1,2-Trichloroethane	B095614-BLK1	ND	mg/kg	0.0050	0.00094	
Trichloroethene	B095614-BLK1	ND	mg/kg	0.0050	0.00074	
Trichlorofluoromethane	B095614-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,3-Trichloropropane	B095614-BLK1	ND	mg/kg	0.0050	0.0019	
1,1,2-Trichloro-1,2,2-trifluoroethane	B095614-BLK1	ND	mg/kg	0.0050	0.0010	
1,2,4-Trimethylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00080	
1,3,5-Trimethylbenzene	B095614-BLK1	ND	mg/kg	0.0050	0.00066	
Vinyl chloride	B095614-BLK1	ND	mg/kg	0.0050	0.00059	
Total Purgeable Petroleum Hydrocarbons	B095614-BLK1	ND	mg/kg	0.20	0.058	
1,2-Dichloroethane-d4 (Surrogate)	B095614-BLK1	95.8	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B095614-BLK1	99.9	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B095614-BLK1	101	%	74 - 121 (LCL - UCL)		

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

Reported: 03/04/2021 11:58
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: B095614										
Benzene	B095614-BS1	LCS	0.11596	0.12500	mg/kg	92.8		70 - 130		
Bromodichloromethane	B095614-BS1	LCS	0.12055	0.12500	mg/kg	96.4		70 - 130		
Chlorobenzene	B095614-BS1	LCS	0.11311	0.12500	mg/kg	90.5		70 - 130		
Chloroethane	B095614-BS1	LCS	0.12726	0.12500	mg/kg	102		70 - 130		
1,4-Dichlorobenzene	B095614-BS1	LCS	0.11122	0.12500	mg/kg	89.0		70 - 130		
1,1-Dichloroethane	B095614-BS1	LCS	0.11862	0.12500	mg/kg	94.9		70 - 130		
1,1-Dichloroethene	B095614-BS1	LCS	0.11195	0.12500	mg/kg	89.6		70 - 130		
Toluene	B095614-BS1	LCS	0.10915	0.12500	mg/kg	87.3		70 - 130		
Trichloroethene	B095614-BS1	LCS	0.11329	0.12500	mg/kg	90.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B095614-BS1	LCS	0.047410	0.050000	mg/kg	94.8		70 - 121		
Toluene-d8 (Surrogate)	B095614-BS1	LCS	0.048610	0.050000	mg/kg	97.2		81 - 117		
4-Bromofluorobenzene (Surrogate)	B095614-BS1	LCS	0.049260	0.050000	mg/kg	98.5		74 - 121		

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

Reported: 03/04/2021 11:58
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: B095614 and Used client sample: N.

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

Reported: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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 QC Batch ID: B096513 and a list of 20 chemical constituents with their respective test results and recovery percentages.

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

Reported: 03/04/2021 11:58
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: 03/04/2021 11:58
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	Percent Recovery	
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: 03/04/2021 11:58
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: 03/04/2021 11:58
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)
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Petaluma, CA 94954

Reported: 03/04/2021 11:58
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: 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: 03/04/2021 11:58
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: B097368						
Lead	B097368-BLK1	ND	mg/L	0.50	0.16	

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

Reported: 03/04/2021 11:58
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: B097368										
Lead	B097368-BS1	LCS	21.369	20.000	mg/L	107		85 - 115		

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

Reported: 03/04/2021 11:58
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: B097368		Used client sample: Y - Description: B13-B16 Composite, 12/22/2020 12:45									
Lead	DUP	2037630-04	6.4513	6.4639		mg/L	0.2		20		
	MS	2037630-04	6.4513	26.984	20.408	mg/L		101		75 - 125	
	MSD	2037630-04	6.4513	25.791	20.408	mg/L	4.5	94.8	20	75 - 125	

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

Reported: 03/04/2021 11:58
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: B097340						
Lead	B097340-BLK1	ND	mg/L	0.50	0.030	

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Reported: 03/04/2021 11:58
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: B097340										
Lead	B097340-BS1	LCS	19.891	20.000	mg/L	99.5		85	115	

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Reported: 03/04/2021 11:58
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: B097340		Used client sample: N									
Lead	DUP	2100761-01	ND	ND		mg/L			20		
	MS	2100761-01	ND	21.098	20.000	mg/L		105		75 - 125	
	MSD	2100761-01	ND	21.221	20.000	mg/L	0.6	106	20	75 - 125	

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

Reported: 03/04/2021 11:58
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
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
QC Batch ID: B096382						
Mercury	B096382-BLK1	0.016160	mg/kg	0.16	0.016	J
QC Batch ID: B101649						
Lead	B101649-BLK1	ND	mg/kg	2.5	0.41	

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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

Total Concentrations (TTL)

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: 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		
QC Batch ID: B096382										
Mercury	B096382-BS1	LCS	0.83840	0.80000	mg/kg	105		80 - 120		
QC Batch ID: B101649										
Lead	B101649-BS1	LCS	99.183	100.00	mg/kg	99.2		75 - 125		

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

Reported: 03/04/2021 11:58
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 rows for various elements like Antimony, Arsenic, Barium, etc.



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

Reported: 03/04/2021 11:58
Project: Dunphy Park
Project Number: [none]
Project Manager: Gregory George

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: B096124		Used client sample: N								
Silver	DUP	2037764-07	ND	ND		mg/kg			20	
	MS	2037764-07	ND	8.9097	10.000	mg/kg		89.1		75 - 125
	MSD	2037764-07	ND	9.3271	10.000	mg/kg	4.6	93.3	20	75 - 125
Thallium	DUP	2037764-07	ND	ND		mg/kg			20	
	MS	2037764-07	ND	86.112	100.00	mg/kg		86.1		75 - 125
	MSD	2037764-07	ND	91.621	100.00	mg/kg	6.2	91.6	20	75 - 125
Vanadium	DUP	2037764-07	26.032	22.229		mg/kg	15.8		20	
	MS	2037764-07	26.032	106.28	100.00	mg/kg		80.2		75 - 125
	MSD	2037764-07	26.032	113.97	100.00	mg/kg	7.0	87.9	20	75 - 125
Zinc	DUP	2037764-07	67.292	61.855		mg/kg	8.4		20	
	MS	2037764-07	67.292	150.96	100.00	mg/kg		83.7		75 - 125
	MSD	2037764-07	67.292	182.59	100.00	mg/kg	19.0	115	20	75 - 125
QC Batch ID: B096382		Used client sample: N								
Mercury	DUP	2038118-01	0.025385	0.024000		mg/kg	5.6		20	J
	MS	2038118-01	0.025385	0.83077	0.76923	mg/kg		105		80 - 120
	MSD	2038118-01	0.025385	0.81231	0.76923	mg/kg	2.2	102	20	80 - 120
QC Batch ID: B101649		Used client sample: N								
Lead	DUP	2106668-01	42.078	45.198		mg/kg	7.2		20	
	MS	2106668-01	42.078	130.28	100.00	mg/kg		88.2		75 - 125
	MSD	2106668-01	42.078	163.26	100.00	mg/kg	22.5	121	20	75 - 125 Q02

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

Reported: 03/04/2021 11:58
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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