



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-1	1904049-01	Solid	03/22/2019 07:29	04/05/2019 11:00
B1-20	1904049-02	Solid	03/22/2019 07:55	04/05/2019 11:00
B1-30	1904049-03	Solid	03/22/2019 08:04	04/05/2019 11:00
B1-35	1904049-04	Solid	03/22/2019 08:15	04/05/2019 11:00
B2-1	1904049-05	Solid	03/22/2019 09:07	04/05/2019 11:00
B2-15	1904049-06	Solid	03/22/2019 09:20	04/05/2019 11:00
B2-20	1904049-07	Solid	03/22/2019 09:26	04/05/2019 11:00
B3-1	1904049-08	Solid	03/22/2019 09:59	04/05/2019 11:00
B3-5	1904049-09	Solid	03/22/2019 10:09	04/05/2019 11:00
B3-10	1904049-10	Solid	03/22/2019 10:13	04/05/2019 11:00
B3-15	1904049-11	Solid	03/22/2019 10:20	04/05/2019 11:00
B3-20	1904049-12	Solid	03/22/2019 10:29	04/05/2019 11:00
B3-25	1904049-13	Solid	03/22/2019 10:37	04/05/2019 11:00
B3-30	1904049-14	Solid	03/22/2019 10:46	04/05/2019 11:00
B4-5	1904049-15	Solid	03/22/2019 11:20	04/05/2019 11:00
B4-45	1904049-16	Solid	03/22/2019 12:12	04/05/2019 11:00

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Wendy Lu, Laboratory Supervisor



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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Polychlorinated Biphenyls (PCBs) by Gas Chromatography			Batch ID: BD90177		Prepared: 04/05/2019 09:16 I-03				
Aroclor 1016	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1221	ND		67.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1232	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1242	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1248	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1254	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1260	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Surrogate: Decachlorobiphenyl			114 %	43-169		3545	04/08/2019 13:57	AY	8082
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B

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Wendy Lu

Wendy Lu, Laboratory Supervisor



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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,3,5- Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Surrogate: 4-Bromofluorobenzene			84.7 %		70-120	5030A	04/08/2019 15:31	DAA	8260B
Surrogate: Dibromofluoromethane			92.3 %		70-120	5030A	04/08/2019 15:31	DAA	8260B

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Project Manager: Luke Montague

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04/09/2019 16:13

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Surrogate: Toluene-d8			90.8 %	70-120	5030A		04/08/2019 15:31	DAA	8260B
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03, R-01				
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

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04/09/2019 16:13

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03, R-01				
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
3/4-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Surrogate: 2-Fluorophenol			46.7 %		21-105	3545	04/08/2019 11:31	AY	8270C
Surrogate: Phenol-d6			52.7 %		10-107	3545	04/08/2019 11:31	AY	8270C
Surrogate: 2,4,6-Tribromophenol			52.0 %		10-123	3545	04/08/2019 11:31	AY	8270C
Surrogate: Nitrobenzene-d5			57.4 %		35-114	3545	04/08/2019 11:31	AY	8270C
Surrogate: 2-Fluorobiphenyl			51.1 %		18-116	3545	04/08/2019 11:31	AY	8270C
Surrogate: Terphenyl-d14			43.0 %		33-141	3545	04/08/2019 11:31	AY	8270C

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds				Batch ID: BD90246		Prepared: 04/08/2019 09:00	I-03		
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Surrogate: 4-Bromofluorobenzene			91.5 %		70-120	5030A	04/08/2019 15:57	DAA	8260B
Surrogate: Dibromofluoromethane			95.2 %		70-120	5030A	04/08/2019 15:57	DAA	8260B
Surrogate: Toluene-d8			87.2 %		70-120	5030A	04/08/2019 15:57	DAA	8260B

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C

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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
3/4-Methylphenol	2520		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Surrogate: 2-Fluorophenol			28.7 %		21-105	3545	04/08/2019 12:01	AY	8270C
Surrogate: Phenol-d6			31.4 %		10-107	3545	04/08/2019 12:01	AY	8270C
Surrogate: 2,4,6-Tribromophenol			38.3 %		10-123	3545	04/08/2019 12:01	AY	8270C
Surrogate: Nitrobenzene-d5			59.1 %		35-114	3545	04/08/2019 12:01	AY	8270C
Surrogate: 2-Fluorobiphenyl			46.6 %		18-116	3545	04/08/2019 12:01	AY	8270C
Surrogate: Terphenyl-d14			44.7 %		33-141	3545	04/08/2019 12:01	AY	8270C

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	683		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Butanone	57.9		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Surrogate: 4-Bromofluorobenzene			119 %		70-120	5030A	04/08/2019 17:16	DAA	8260B
Surrogate: Dibromofluoromethane			106 %		70-120	5030A	04/08/2019 17:16	DAA	8260B
Surrogate: Toluene-d8			79.7 %		70-120	5030A	04/08/2019 17:16	DAA	8260B

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds				Batch ID: BD90178		Prepared: 04/05/2019 09:28	I-03		
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzoic acid	7940		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Butyl benzyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
3/4-Methylphenol	3920		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Phenol	1140		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Surrogate: 2-Fluorophenol			45.6 %		21-105	3545	04/08/2019 12:30	AY	8270C
Surrogate: Phenol-d6			36.8 %		10-107	3545	04/08/2019 12:30	AY	8270C
Surrogate: 2,4,6-Tribromophenol			77.8 %		10-123	3545	04/08/2019 12:30	AY	8270C
Surrogate: Nitrobenzene-d5			52.5 %		35-114	3545	04/08/2019 12:30	AY	8270C
Surrogate: 2-Fluorobiphenyl			53.0 %		18-116	3545	04/08/2019 12:30	AY	8270C
Surrogate: Terphenyl-d14			76.1 %		33-141	3545	04/08/2019 12:30	AY	8270C

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Acetone	497		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Surrogate: 4-Bromofluorobenzene			98.8 %		70-120	5030A	04/08/2019 17:43	DAA	8260B
Surrogate: Dibromofluoromethane			95.6 %		70-120	5030A	04/08/2019 17:43	DAA	8260B
Surrogate: Toluene-d8			87.2 %		70-120	5030A	04/08/2019 17:43	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Acenaphthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Acenaphthylene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Anthracene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benz(a)anthracene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (a) pyrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (b) fluoranthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (g,h,i) perylene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (k) fluoranthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzoic acid	16200		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzyl alcohol	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-chloroethoxy)methane	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-chloroethyl) ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-chloroisopropyl) ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Bromophenyl phenyl ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Butyl benzyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Chloro-3-methylphenol	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Chloroaniline	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Chloronaphthalene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Chlorophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Chlorophenyl phenyl ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Chrysene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Di-n-butyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Di-n-octyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Dibenz (a,h) anthracene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Dibenzofuran	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,3-Dichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,2-Dichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,4-Dichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
3,3'-Dichlorobenzidine	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dichlorophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Diethyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dimethylphenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Dimethyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dinitrophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dinitrotoluene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,6-Dinitrotoluene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Fluoranthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Fluorene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Hexachlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Hexachlorobutadiene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Hexachlorocyclopentadiene	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Hexachloroethane	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Isophorone	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1-Methyl Naphthylene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Methylnaphthalene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Methylphenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
3/4-Methylphenol	3100		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
N-Nitroso-di-n-propylamine	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
N-Nitrosodiphenylamine	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Naphthalene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Nitroaniline	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
3-Nitroaniline	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Nitroaniline	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Nitrobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Nitrophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Nitrophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Pentachlorophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Phenanthrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Phenol	1010		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Pyrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Pyridine	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,2,4-Trichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4,5-Trichlorophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4,6-Trichlorophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Surrogate: 2-Fluorophenol			43.6 %		21-105	3545	04/08/2019 12:59	AY	8270C
Surrogate: Phenol-d6			60.1 %		10-107	3545	04/08/2019 12:59	AY	8270C
Surrogate: 2,4,6-Tribromophenol			48.6 %		10-123	3545	04/08/2019 12:59	AY	8270C
Surrogate: Nitrobenzene-d5			48.8 %		35-114	3545	04/08/2019 12:59	AY	8270C
Surrogate: 2-Fluorobiphenyl			47.2 %		18-116	3545	04/08/2019 12:59	AY	8270C
Surrogate: Terphenyl-d14			49.3 %		33-141	3545	04/08/2019 12:59	AY	8270C

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Polychlorinated Biphenyls (PCBs) by Gas Chromatography			Batch ID: BD90177		Prepared: 04/05/2019 09:16		I-03		
Aroclor 1016	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1221	ND		67.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1232	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1242	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1248	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1254	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1260	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Surrogate: Decachlorobiphenyl			86.1 %		43-169	3545	04/08/2019 14:14	AY	8082
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00		I-03		
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds				Batch ID: BD90246		Prepared: 04/08/2019 09:00	I-03		
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Surrogate: 4-Bromofluorobenzene			92.7 %		70-120	5030A	04/08/2019 18:09	DAA	8260B
Surrogate: Dibromofluoromethane			96.0 %		70-120	5030A	04/08/2019 18:09	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Surrogate: Toluene-d8			87.2 %	70-120	5030A		04/08/2019 18:09	DAA	8260B
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03, R-01				
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C

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SCS Engineers
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 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
3/4-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Surrogate: 2-Fluorophenol			84.2 %		21-105	3545	04/08/2019 13:29	AY	8270C
Surrogate: Phenol-d6			94.1 %		10-107	3545	04/08/2019 13:29	AY	8270C
Surrogate: 2,4,6-Tribromophenol			86.2 %		10-123	3545	04/08/2019 13:29	AY	8270C
Surrogate: Nitrobenzene-d5			75.2 %		35-114	3545	04/08/2019 13:29	AY	8270C
Surrogate: 2-Fluorobiphenyl			84.2 %		18-116	3545	04/08/2019 13:29	AY	8270C
Surrogate: Terphenyl-d14			105 %		33-141	3545	04/08/2019 13:29	AY	8270C

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SCS Engineers
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Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)			Batch ID: BD90212		Prepared: 04/05/2019 14:41				
Mercury	ND		0.0500	mg/kg	1	7471A	04/08/2019 10:41	LVE	7471A
Total ICP Metals			Batch ID: BD90213		Prepared: 03/29/2019 12:44				
Antimony	0.766		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Arsenic	6.60		0.250	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Barium	416		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Cadmium	1.99		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Chromium	15.1		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Cobalt	5.11		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Copper	13.6		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Lead	358		0.250	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Molybdenum	0.898		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Nickel	5.78		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Vanadium	31.1		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Zinc	384		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography			Batch ID: BD90177		Prepared: 04/05/2019 09:16 I-03				
Aroclor 1016	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1221	ND		67.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1232	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1242	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1248	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1254	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1260	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Surrogate: Decachlorobiphenyl			83.7 %	43-169		3545	04/08/2019 14:30	AY	8082

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Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Acetone	306		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B

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Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Surrogate: 4-Bromofluorobenzene			95.3 %		70-120	5030A	04/08/2019 18:36	DAA	8260B
Surrogate: Dibromofluoromethane			92.7 %		70-120	5030A	04/08/2019 18:36	DAA	8260B
Surrogate: Toluene-d8			88.4 %		70-120	5030A	04/08/2019 18:36	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds				Batch ID: BD90178		Prepared: 04/05/2019 09:28	I-03		
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzoic acid	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Butyl benzyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C

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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
3/4-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Phenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Surrogate: 2-Fluorophenol			48.7 %		21-105	3545	04/08/2019 13:58	AY	8270C
Surrogate: Phenol-d6			61.2 %		10-107	3545	04/08/2019 13:58	AY	8270C
Surrogate: 2,4,6-Tribromophenol			71.7 %		10-123	3545	04/08/2019 13:58	AY	8270C
Surrogate: Nitrobenzene-d5			59.9 %		35-114	3545	04/08/2019 13:58	AY	8270C
Surrogate: 2-Fluorobiphenyl			52.4 %		18-116	3545	04/08/2019 13:58	AY	8270C
Surrogate: Terphenyl-d14			74.8 %		33-141	3545	04/08/2019 13:58	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
TCLP Metals			Batch ID: BD90217		Prepared: 04/05/2019 16:42				
Lead	ND		0.500	mg/L	1	TCLP	04/08/2019 15:23	LVE	TCLP
STLC Metals			Batch ID: BD90215		Prepared: 04/05/2019 16:42				
Lead	14.0		0.500	mg/L	1	STLC	04/08/2019 15:35	LVE	STLC

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Surrogate: 4-Bromofluorobenzene			86.6 %		70-120	5030A	04/08/2019 19:02	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Surrogate: Dibromofluoromethane			95.9 %	70-120	5030A		04/08/2019 19:02	DAA	8260B
Surrogate: Toluene-d8			90.3 %	70-120	5030A		04/08/2019 19:02	DAA	8260B
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzoic acid	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Butyl benzyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C

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AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

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SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
3/4-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Phenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Surrogate: 2-Fluorophenol			56.5 %		21-105	3545	04/08/2019 14:28	AY	8270C
Surrogate: Phenol-d6			69.6 %		10-107	3545	04/08/2019 14:28	AY	8270C
Surrogate: 2,4,6-Tribromophenol			79.4 %		10-123	3545	04/08/2019 14:28	AY	8270C
Surrogate: Nitrobenzene-d5			62.2 %		35-114	3545	04/08/2019 14:28	AY	8270C
Surrogate: 2-Fluorobiphenyl			65.1 %		18-116	3545	04/08/2019 14:28	AY	8270C
Surrogate: Terphenyl-d14			87.9 %		33-141	3545	04/08/2019 14:28	AY	8270C

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Wendy Lu

Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B3-1

Laboratory Sample ID: 1904049-08 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	6.49		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90244		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 18:33	DAA	8015B
Surrogate: Bromofluorobenzene			83.1 %	70-120		5030A	04/08/2019 18:33	DAA	8015B

Analytical Results

Client Sample ID: B3-5

Laboratory Sample ID: 1904049-09 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	5.10		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 18:56	DAA	8015B
Surrogate: Bromofluorobenzene			71.9 %	70-120		5030A	04/08/2019 18:56	DAA	8015B

Analytical Results

Client Sample ID: B3-10

Laboratory Sample ID: 1904049-10 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	12.2		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90244		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 19:19	DAA	8015B
Surrogate: Bromofluorobenzene			91.8 %	70-120		5030A	04/08/2019 19:19	DAA	8015B

Analytical Results

Client Sample ID: B3-15

Laboratory Sample ID: 1904049-11 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	12.3		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				

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SCS Engineers

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San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B3-15

Laboratory Sample ID: 1904049-11 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 19:41	DAA	8015B
Surrogate: Bromofluorobenzene			63.2 %	70-120		5030A	04/08/2019 19:41	DAA	8015B

Analytical Results

Client Sample ID: B3-20

Laboratory Sample ID: 1904049-12 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	27.8		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 20:04	DAA	8015B
Surrogate: Bromofluorobenzene			51.0 %	70-120		5030A	04/08/2019 20:04	DAA	8015B

Analytical Results

Client Sample ID: B3-25

Laboratory Sample ID: 1904049-13 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	5.47		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 20:27	DAA	8015B
Surrogate: Bromofluorobenzene			119 %	70-120		5030A	04/08/2019 20:27	DAA	8015B

Analytical Results

Client Sample ID: B3-30

Laboratory Sample ID: 1904049-14 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	7.82		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90244		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 20:50	DAA	8015B
Surrogate: Bromofluorobenzene			70.1 %	70-120		5030A	04/08/2019 20:50	DAA	8015B

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SCS Engineers
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 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B

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Wendy Lu, Laboratory Supervisor



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SCS Engineers
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 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID:		BD90246	Prepared: 04/08/2019 09:00 1-03			
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,3,5- Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Surrogate: 4-Bromofluorobenzene			83.7 %		70-120	5030A	04/08/2019 19:28	DAA	8260B
Surrogate: Dibromofluoromethane			89.1 %		70-120	5030A	04/08/2019 19:28	DAA	8260B
Surrogate: Toluene-d8			89.6 %		70-120	5030A	04/08/2019 19:28	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzoic acid	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Butyl benzyl phthalate	509		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C

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Environmental Testing Services

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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
3/4-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Phenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Surrogate: 2-Fluorophenol			71.9 %		21-105	3545	04/08/2019 14:58	AY	8270C
Surrogate: Phenol-d6			75.0 %		10-107	3545	04/08/2019 14:58	AY	8270C
Surrogate: 2,4,6-Tribromophenol			80.2 %		10-123	3545	04/08/2019 14:58	AY	8270C
Surrogate: Nitrobenzene-d5			73.6 %		35-114	3545	04/08/2019 14:58	AY	8270C
Surrogate: 2-Fluorobiphenyl			62.7 %		18-116	3545	04/08/2019 14:58	AY	8270C
Surrogate: Terphenyl-d14			91.8 %		33-141	3545	04/08/2019 14:58	AY	8270C

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B

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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Surrogate: 4-Bromofluorobenzene			92.9 %		70-120	5030A	04/08/2019 19:55	DAA	8260B
Surrogate: Dibromofluoromethane			94.1 %		70-120	5030A	04/08/2019 19:55	DAA	8260B
Surrogate: Toluene-d8			84.3 %		70-120	5030A	04/08/2019 19:55	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds				Batch ID: BD90178	Prepared: 04/05/2019 09:28 I-03, R-01				
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C

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Wendy Lu, Laboratory Supervisor



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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
3/4-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Surrogate: 2-Fluorophenol			65.8 %		21-105	3545	04/08/2019 15:27	AY	8270C
Surrogate: Phenol-d6			72.8 %		10-107	3545	04/08/2019 15:27	AY	8270C
Surrogate: 2,4,6-Tribromophenol			64.5 %		10-123	3545	04/08/2019 15:27	AY	8270C
Surrogate: Nitrobenzene-d5			77.8 %		35-114	3545	04/08/2019 15:27	AY	8270C
Surrogate: 2-Fluorobiphenyl			73.4 %		18-116	3545	04/08/2019 15:27	AY	8270C
Surrogate: Terphenyl-d14			72.6 %		33-141	3545	04/08/2019 15:27	AY	8270C

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San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Total Mercury (CVAA) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90212 - 7471A - 7471A

Blank (BD90212-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Mercury ND 0.0500 mg/kg

LCS (BD90212-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Mercury 94.0 50.0 mg/kg 100 94.0 80-120

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Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90213 - 3050B - SW846 6010B

Blank (BD90213-BLK1)

Prepared: 03/29/201 Analyzed: 04/01/201

Antimony	ND	0.500	mg/kg
Arsenic	ND	0.250	"
Barium	ND	0.500	"
Beryllium	ND	0.500	"
Cadmium	ND	0.500	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Lead	ND	0.250	"
Molybdenum	ND	0.500	"
Nickel	ND	0.500	"
Selenium	ND	0.500	"
Silver	ND	0.500	"
Thallium	ND	0.500	"
Vanadium	ND	0.500	"
Zinc	ND	0.500	"

LCS (BD90213-BS1)

Prepared: 03/29/201 Analyzed: 04/01/201

Antimony	92.7	1.00	mg/kg	100	92.7	80-120
Arsenic	92.9	0.500	"	100	92.9	80-120
Barium	101	1.00	"	100	101	80-120
Beryllium	109	1.00	"	100	109	80-120
Cadmium	93.0	1.00	"	100	93.0	80-120
Chromium	94.1	1.00	"	100	94.1	80-120
Cobalt	94.4	1.00	"	100	94.4	80-120
Copper	99.0	1.00	"	100	99.0	80-120
Lead	94.5	0.500	"	100	94.5	80-120
Molybdenum	92.0	1.00	"	100	92.0	80-120
Nickel	91.1	1.00	"	100	91.1	80-120
Selenium	90.7	1.00	"	100	90.7	80-120
Silver	89.3	1.00	"	100	89.3	80-120
Thallium	95.0	1.00	"	100	95.0	80-120
Vanadium	97.8	1.00	"	100	97.8	80-120
Zinc	95.9	1.00	"	100	95.9	80-120

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Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90214 - 3050B - SW846 6010B

Blank (BD90214-BLK1)

Prepared & Analyzed: 04/05/201

Lead ND 0.250 mg/kg

LCS (BD90214-BS1)

Prepared & Analyzed: 04/05/201

Lead 98.5 0.500 mg/kg 100 98.5 80-120

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Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Total Petroleum Hydrocarbons(TPH-g) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90244 - 5030A - 8015B

Blank (BD90244-BLK1)

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	ND	500	ug/kg							
Surrogate: Bromofluorobenzene	9.98		"	10.0		99.8	70-120			

Matrix Spike (BD90244-MS1)

Source: 1904049-08

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	479		ug/kg	500	13.1	93.1	75-120			
Surrogate: Bromofluorobenzene	11.5		"	10.0		115	70-120			

Matrix Spike Dup (BD90244-MSD1)

Source: 1904049-08

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	475		ug/kg	500	13.1	92.3	75-120	0.836	15	
Surrogate: Bromofluorobenzene	10.8		"	10.0		108	70-120			

Batch BD90245 - 5030A - 8015B

Blank (BD90245-BLK1)

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	ND	500	ug/kg							
Surrogate: Bromofluorobenzene	8.09		"	10.0		80.9	70-120			

Matrix Spike (BD90245-MS1)

Source: 1904049-09

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	477		ug/kg	500	15.0	92.3	75-120			
Surrogate: Bromofluorobenzene	11.5		"	10.0		115	70-120			

Matrix Spike Dup (BD90245-MSD1)

Source: 1904049-09

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	475		ug/kg	500	15.0	91.9	75-120	0.420	15	
Surrogate: Bromofluorobenzene	10.8		"	10.0		108	70-120			

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90177 - 3545 - 8082

Blank (BD90177-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Aroclor 1016	ND	33.0	ug/kg							
Aroclor 1221	ND	67.0	"							
Aroclor 1232	ND	33.0	"							
Aroclor 1242	ND	33.0	"							
Aroclor 1248	ND	33.0	"							
Aroclor 1254	ND	33.0	"							
Aroclor 1260	ND	33.0	"							
Surrogate: Decachlorobiphenyl	17.9		"	16.7		107	43-169			

LCS (BD90177-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Aroclor 1260	135	33.0	ug/kg	167		81.0	39-150			
Surrogate: Decachlorobiphenyl	12.9		"	16.7		77.3	43-169			

LCS Dup (BD90177-BSD1)

Prepared: 04/05/201 Analyzed: 04/08/201

Aroclor 1260	151	33.0	ug/kg	167		90.5	39-150	11.0	30	
Surrogate: Decachlorobiphenyl	13.3		"	16.7		79.8	43-169			

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Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Volatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90246 - 5030A - 8260B

Blank (BD90246-BLK1)

Prepared & Analyzed: 04/08/201

Acetone	ND	50.0	ug/kg
Benzene	ND	2.00	"
Bromobenzene	ND	10.0	"
Bromochloromethane	ND	10.0	"
Bromodichloromethane	ND	10.0	"
Bromoform	ND	50.0	"
Bromomethane	ND	30.0	"
2-Butanone	ND	50.0	"
n-Butylbenzene	ND	10.0	"
sec-Butylbenzene	ND	10.0	"
tert-Butylbenzene	ND	10.0	"
Carbon disulfide	ND	10.0	"
Carbon tetrachloride	ND	10.0	"
Chlorobenzene	ND	10.0	"
Chloroethane	ND	30.0	"
2-Chloroethylvinyl Ether	ND	50.0	"
Chloroform	ND	10.0	"
Chloromethane	ND	30.0	"
4-Chlorotoluene	ND	10.0	"
2-Chlorotoluene	ND	10.0	"
1,2-Dibromo-3-chloropropane	ND	50.0	"
Dibromochloromethane	ND	10.0	"
1,2-Dibromoethane	ND	10.0	"
Dibromomethane	ND	10.0	"
1,2-Dichlorobenzene	ND	10.0	"
1,3-Dichlorobenzene	ND	10.0	"
1,4-Dichlorobenzene	ND	10.0	"
Dichlorodifluoromethane	ND	30.0	"
1,1-Dichloroethane	ND	10.0	"
1,2-Dichloroethane	ND	10.0	"
1,1-Dichloroethene	ND	10.0	"
cis-1,2-Dichloroethene	ND	10.0	"
trans-1,2-Dichloroethene	ND	10.0	"
1,1-Dichloropropene	ND	10.0	"
1,2-Dichloropropane	ND	10.0	"
1,3-Dichloropropane	ND	10.0	"
2,2-Dichloropropane	ND	10.0	"
cis-1,3-Dichloropropene	ND	10.0	"
trans-1,3-Dichloropropene	ND	10.0	"
Ethylbenzene	ND	2.00	"
Hexachlorobutadiene	ND	30.0	"

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Volatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90246 - 5030A - 8260B

Blank (BD90246-BLK1)

Prepared & Analyzed: 04/08/201

2-Hexanone	ND	50.0	ug/kg							
Isopropylbenzene	ND	10.0	"							
p-Isopropyltoluene	ND	10.0	"							
Methyl tert-Butyl Ether (MTBE)	ND	5.00	"							
4-Methyl-2-pentanone (MIBK)	ND	50.0	"							
Methylene chloride	ND	50.0	"							
Naphthalene	ND	10.0	"							
n-Propylbenzene	ND	10.0	"							
Styrene	ND	10.0	"							
1,1,1,2-Tetrachloroethane	ND	10.0	"							
1,1,2,2-Tetrachloroethane	ND	10.0	"							
Tetrachloroethene	ND	10.0	"							
Toluene	ND	2.00	"							
1,2,3-Trichlorobenzene	ND	10.0	"							
1,2,4-Trichlorobenzene	ND	10.0	"							
1,1,1-Trichloroethane	ND	10.0	"							
1,1,2-Trichloroethane	ND	10.0	"							
Trichloroethene	ND	10.0	"							
Trichlorofluoromethane	ND	10.0	"							
1,2,3-Trichloropropane	ND	10.0	"							
1,2,4-Trimethylbenzene	ND	10.0	"							
1,3,5-Trimethylbenzene	ND	10.0	"							
Vinyl acetate	ND	50.0	"							
Vinyl chloride	ND	30.0	"							
m,p-Xylenes	ND	4.00	"							
o-Xylene	ND	2.00	"							
Surrogate: 4-Bromofluorobenzene	43.5		"	50.0		87.1	70-120			
Surrogate: Dibromofluoromethane	45.0		"	50.0		90.1	70-120			
Surrogate: Toluene-d8	44.6		"	50.0		89.2	70-120			

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Work Order No: 1904049

Reported:

04/09/2019 16:13

Volatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90246 - 5030A - 8260B

Matrix Spike (BD90246-MS1)

Source: 1904049-01

Prepared & Analyzed: 04/08/201

Benzene	48.4		ug/kg	50.0	0.00	96.7	75-120			
Chlorobenzene	40.7		"	50.0	0.00	81.3	75-120			
1,1-Dichloroethene	53.0		"	50.0	0.00	106	75-120			
Methyl tert-Butyl Ether (MTBE)	41.8		"	50.0	0.00	83.7	75-120			
Toluene	47.2		"	50.0	0.00	94.3	75-120			
Trichloroethene	46.9		"	50.0	0.00	93.8	75-120			
Surrogate: 4-Bromofluorobenzene	44.0		"	50.0		88.1	70-120			
Surrogate: Dibromofluoromethane	47.8		"	50.0		95.6	70-120			
Surrogate: Toluene-d8	46.3		"	50.0		92.6	70-120			

Matrix Spike Dup (BD90246-MSD1)

Source: 1904049-01

Prepared & Analyzed: 04/08/201

Benzene	46.2		ug/kg	50.0	0.00	92.4	75-120	4.55	15	
Chlorobenzene	39.1		"	50.0	0.00	78.2	75-120	3.86	15	
1,1-Dichloroethene	50.5		"	50.0	0.00	101	75-120	4.72	15	
Methyl tert-Butyl Ether (MTBE)	40.3		"	50.0	0.00	80.7	75-120	3.70	15	
Toluene	44.9		"	50.0	0.00	89.7	75-120	5.02	15	
Trichloroethene	44.5		"	50.0	0.00	89.0	75-120	5.32	15	
Surrogate: 4-Bromofluorobenzene	43.2		"	50.0		86.3	70-120			
Surrogate: Dibromofluoromethane	46.4		"	50.0		92.8	70-120			
Surrogate: Toluene-d8	45.9		"	50.0		91.8	70-120			

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/09/2019 16:13

Semivolatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90178 - 3545 - 8270C

Blank (BD90178-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	"
Anthracene	ND	330	"
Benz(a)anthracene	ND	330	"
Benzo (a) pyrene	ND	330	"
Benzo (b) fluoranthene	ND	330	"
Benzo (g,h,i) perylene	ND	330	"
Benzo (k) fluoranthene	ND	330	"
Benzoic acid	ND	1700	"
Benzyl alcohol	ND	660	"
Bis(2-chloroethoxy)methane	ND	330	"
Bis(2-chloroethyl) ether	ND	330	"
Bis(2-chloroisopropyl) ether	ND	330	"
Bis(2-ethylhexyl) phthalate	ND	330	"
4-Bromophenyl phenyl ether	ND	330	"
Butyl benzyl phthalate	ND	330	"
4-Chloro-3-methylphenol	ND	660	"
4-Chloroaniline	ND	660	"
2-Chloronaphthalene	ND	330	"
2-Chlorophenol	ND	330	"
4-Chlorophenyl phenyl ether	ND	330	"
Chrysene	ND	330	"
Di-n-butyl phthalate	ND	330	"
Di-n-octyl phthalate	ND	330	"
Dibenz (a,h) anthracene	ND	330	"
Dibenzofuran	ND	330	"
1,3-Dichlorobenzene	ND	330	"
1,2-Dichlorobenzene	ND	330	"
1,4-Dichlorobenzene	ND	330	"
3,3'-Dichlorobenzidine	ND	660	"
2,4-Dichlorophenol	ND	1700	"
Diethyl phthalate	ND	330	"
2,4-Dimethylphenol	ND	330	"
Dimethyl phthalate	ND	330	"
2,4-Dinitrophenol	ND	1700	"
2,4-Dinitrotoluene	ND	330	"
2,6-Dinitrotoluene	ND	330	"
Fluoranthene	ND	330	"
Fluorene	ND	330	"
Hexachlorobenzene	ND	330	"
Hexachlorobutadiene	ND	330	"

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Work Order No: 1904049
 Reported:
 04/09/2019 16:13

Semivolatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90178 - 3545 - 8270C

Blank (BD90178-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Hexachlorocyclopentadiene	ND	660	ug/kg							
Hexachloroethane	ND	330	"							
Indeno (1,2,3-cd) pyrene	ND	330	"							
Isophorone	ND	330	"							
2-Methyl-4,6-dinitrophenol	ND	1700	"							
1-Methyl Naphthylene	ND	330	"							
2-Methylnaphthalene	ND	330	"							
2-Methylphenol	ND	330	"							
3/4-Methylphenol	ND	330	"							
N-Nitroso-di-n-propylamine	ND	330	"							
N-Nitrosodiphenylamine	ND	330	"							
Naphthalene	ND	330	"							
2-Nitroaniline	ND	1700	"							
3-Nitroaniline	ND	1700	"							
4-Nitroaniline	ND	1700	"							
Nitrobenzene	ND	330	"							
2-Nitrophenol	ND	330	"							
4-Nitrophenol	ND	1700	"							
Pentachlorophenol	ND	1700	"							
Phenanthrene	ND	330	"							
Phenol	ND	330	"							
Pyrene	ND	330	"							
Pyridine	ND	330	"							
1,2,4-Trichlorobenzene	ND	330	"							
2,4,5-Trichlorophenol	ND	330	"							
2,4,6-Trichlorophenol	ND	330	"							
Surrogate: 2-Fluorophenol	2290		"	3330		68.8	21-105			
Surrogate: Phenol-d6	2740		"	3330		82.3	10-107			
Surrogate: 2,4,6-Tribromophenol	2320		"	3330		69.7	10-123			
Surrogate: Nitrobenzene-d5	1490		"	1670		89.5	35-114			
Surrogate: 2-Fluorobiphenyl	1280		"	1670		76.8	18-116			
Surrogate: Terphenyl-d14	1350		"	1670		81.0	33-141			

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Wendy

Wendy Lu, Laboratory Supervisor



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San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:
04/09/2019 16:13

Semivolatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90178 - 3545 - 8270C

LCS (BD90178-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Acenaphthene	1120	330	ug/kg	1330		83.8	43-118			
4-Chloro-3-methylphenol	2560	660	"	2670		95.8	23-117			
2-Chlorophenol	1830	330	"	2670		68.7	27-113			
1,4-Dichlorobenzene	764	330	"	1330		57.3	36-105			
2,4-Dinitrotoluene	1270	330	"	1330		95.1	24-120			
N-Nitroso-di-n-propylamine	1280	330	"	1330		95.6	41-116			
4-Nitrophenol	2130	1700	"	2670		79.8	10-133			
Pentachlorophenol	1910	1700	"	2670		71.5	9-118			
Phenol	1990	330	"	2670		74.8	12-110			
Pyrene	1370	330	"	1330		103	26-127			
1,2,4-Trichlorobenzene	968	330	"	1330		72.6	39-98			
Surrogate: 2-Fluorophenol	2830		"	3330		84.8	21-105			
Surrogate: Phenol-d6	3000		"	3330		90.1	10-107			
Surrogate: 2,4,6-Tribromophenol	3350		"	3330		101	10-123			
Surrogate: Nitrobenzene-d5	1710		"	1670		103	35-114			
Surrogate: 2-Fluorobiphenyl	1470		"	1670		87.9	18-116			
Surrogate: Terphenyl-d14	1390		"	1670		83.3	33-141			

LCS Dup (BD90178-BSD1)

Prepared: 04/05/201 Analyzed: 04/08/201

Acenaphthene	1120	330	ug/kg	1330		84.3	43-118	0.595	30	
4-Chloro-3-methylphenol	2470	660	"	2670		92.8	23-117	3.23	30	
2-Chlorophenol	1780	330	"	2670		66.6	27-113	3.08	30	
1,4-Dichlorobenzene	785	330	"	1330		58.9	36-105	2.67	30	
2,4-Dinitrotoluene	1270	330	"	1330		94.9	24-120	0.184	30	
N-Nitroso-di-n-propylamine	1340	330	"	1330		100	41-116	4.90	30	
4-Nitrophenol	2310	1700	"	2670		86.4	10-133	7.97	30	
Pentachlorophenol	1940	1700	"	2670		72.8	9-118	1.82	30	
Phenol	2000	330	"	2670		75.0	12-110	0.317	30	
Pyrene	1390	330	"	1330		104	26-127	1.11	30	
1,2,4-Trichlorobenzene	923	330	"	1330		69.2	39-98	4.83	30	
Surrogate: 2-Fluorophenol	2600		"	3330		78.0	21-105			
Surrogate: Phenol-d6	2980		"	3330		89.3	10-107			
Surrogate: 2,4,6-Tribromophenol	3350		"	3330		101	10-123			
Surrogate: Nitrobenzene-d5	1640		"	1670		98.6	35-114			
Surrogate: 2-Fluorobiphenyl	1480		"	1670		88.7	18-116			
Surrogate: Terphenyl-d14	1450		"	1670		86.9	33-141			

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

TCLP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90217 - TCLP - TCLP

Blank (BD90217-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead ND 0.500 mg/L

LCS (BD90217-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead 108 2.50 mg/L 100 108 80-120

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

STLC Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90215 - STLC - STLC

Blank (BD90215-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead ND 0.500 mg/L

LCS (BD90215-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead 108 5.00 mg/L 100 108 80-120

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/09/2019 16:13

Notes and Definitions

- R-01 The Reporting Limit for this analyte has been raised to account for matrix interference.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- I-03 This sample was received and analyzed outside of the EPA recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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10 April 2019

Luke Montague

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego, CA 92123

Work Order #: 1904049

Project Name: CYPRESS

Project ID: 01214253.06

Site Address: 11495 Cypress Canyon San Diego, CA

Enclosed are the results of analyses for samples received by the laboratory on April 05, 2019. If you have any questions concerning this report, please feel free to contact us.

Wendy Lu

Laboratory Supervisor

Rojert G. Araghi

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



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Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Additional Test Request (4-5-19)

Rush TAT, Report Due: (4-9-19)

Page 1 Of 4

COC# 82829

GLOBAL ID

E REPORT: ☒ PDF ☐ EDF ☐ EDD

NEW JOB # 1904049
ASL JOB# 1903210

Company: SCS ENGINEERS						Report To:					
Address: 8799 BALBOA AVE						Project Name: CYPRESS					
SAN DIEGO, CA						Site Address: 11495 CYPRESS CANYON					
Telephone: 858 571-5500						Invoice To:					
Fax: 858 571-5500						Address:					
Special Instruction: *TPH EXT NEEDS SILICA GEL						Project ID: 01214253.06					
E-mail: L.MONTAGUE@SCSENGINEERS.COM						P.O.#: 01214253.06					
Project Manager: LUKE MONTAGUE											

ITEM	LAB USE ONLY		SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation	ANALYSIS REQUESTED										Remarks
	Lab ID	Sample ID	Date	Time	#	Type	TITLE 22 METALS (6010B)	LEAD + ARSENIC (6010B)			CCPS (8081)	TPH EXT (8015) (SILICA GEL)	4-5-19 STL 2 TCLP - Lead	4-5-19 VOCs (8260B)	4-5-19 SVOCs (8270C)	4-5-19 PCBs (8082)					
1	1903210-01	B1-1	3/22/19	0729	42	402 Jan	Soil	ICE			X	X	X		✓	✓	✓	New I.D. 1904049-01			
2	1903210-02	B1-5		0734							X	X	X								
3	1903210-03	B1-15		0751								X	X	X							
4	1903210-04	B1-20		0755							X	X	X		✓	✓	1904049-02				
5	1903210-05	B1-30		0804							X	X	X		✓	✓	1904049-03				
6	1903210-06	B1-35		0815									X		✓	✓	1904049-04				
7	1903210-07	B2-1		0907							X	X	X		✓	✓	✓	1904049-05			
8	1903210-08	B2-5		0909							X	X	X								
9	1903210-09	B2-15		0920							✓	X	X	X	✓	✓	✓	1904049-06			
10	1903210-10	B2-20		0926							X	X	X		✓	✓	1904049-07				

Collected By: [Signature]	Date: 3/22/19	Time: 1620	Relinquished By: [Signature]	Date: 3/22/19	Time: 1620
Relinquished By:	Date:	Time:	Received For Laboratory: Janet Chen	Date: 3-25-19	Time: 9:00
Received By:	Date:	Time:	Condition of Sample: via GSO		

White - Blank Yellow - Laboratory Pink - Client

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Page 3 Of 4

COC# **82827**

GLOBAL ID _____

E REPORT: ☐ PDF ☐ EDF ☐ EDD

NEW JOB # 1904049

ASL JOB# 1903210

Company: SCS		Report To:		ANALYSIS REQUESTED	
Address:		Project Name: CYPRESS		Address:	
Site Address:		Invoice To:		Address:	
Telephone:		Project ID:		P.O.#: 01214253.06	
Fax:		Project Manager:		P.O.#: 01215	
Special Instruction:		Project ID:		P.O.#: 01215	
E-mail:		Project Manager:		P.O.#: 01215	

ITEM	LAB USE ONLY		SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation	Remarks
	Lab ID	Sample ID	Date	Time	#	Type				
14	1903210-14	B4-10	3/22/19	1124	2	40Z JAR SOIL	SOIL ICE	ICE	(15) X X X X	New I.D.
15	1903210-15	B4-15	3/22/19	1130	2				(15) X X X X	
16	1903210-16	B4-20		1137	2				(15) X X X X	
17	1903210-17	B4-25		1144	2				(15) X X X X	
18	1903210-18	B4-30		1156	2				(15) X X X X	
19	1903210-19	B4-40		1203	2				(15) X X X X	
20	1903210-20	B4-45		1212	2				(15) X X X X	✓ ✓ 1904049-16
21	1903210-21	B4-50		1220	2				(15) X X X X	
22	1903210-22	B4-55		1242	2				(15) X X X X	
		DR-1		1336	1					X

Collected By: Rejo	Date 3/22/19	Time 1620	Relinquished By: Rejo	Date 3/22/19	Time 1620	TAT
Relinquished By:	Date	Time	Received For Laboratory Tanet Chun	Date 3-25-19	Time 9:00	X Normal
Received By:	Date	Time	Condition of Sample:			Rush

CHAIN OF CUSTODY RECORD

AMERICAN SCIENTIFIC LABORATORIES, LLC
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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-1	1904049-01	Solid	03/22/2019 07:29	04/05/2019 11:00
B1-20	1904049-02	Solid	03/22/2019 07:55	04/05/2019 11:00
B1-30	1904049-03	Solid	03/22/2019 08:04	04/05/2019 11:00
B1-35	1904049-04	Solid	03/22/2019 08:15	04/05/2019 11:00
B2-1	1904049-05	Solid	03/22/2019 09:07	04/05/2019 11:00
B2-15	1904049-06	Solid	03/22/2019 09:20	04/05/2019 11:00
B2-20	1904049-07	Solid	03/22/2019 09:26	04/05/2019 11:00
B3-1	1904049-08	Solid	03/22/2019 09:59	04/05/2019 11:00
B3-5	1904049-09	Solid	03/22/2019 10:09	04/05/2019 11:00
B3-10	1904049-10	Solid	03/22/2019 10:13	04/05/2019 11:00
B3-15	1904049-11	Solid	03/22/2019 10:20	04/05/2019 11:00
B3-20	1904049-12	Solid	03/22/2019 10:29	04/05/2019 11:00
B3-25	1904049-13	Solid	03/22/2019 10:37	04/05/2019 11:00
B3-30	1904049-14	Solid	03/22/2019 10:46	04/05/2019 11:00
B4-5	1904049-15	Solid	03/22/2019 11:20	04/05/2019 11:00
B4-45	1904049-16	Solid	03/22/2019 12:12	04/05/2019 11:00

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SCS Engineers

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San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Polychlorinated Biphenyls (PCBs) by Gas Chromatography			Batch ID: BD90177		Prepared: 04/05/2019 09:16 I-03				
Aroclor 1016	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1221	ND		67.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1232	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1242	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1248	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1254	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Aroclor 1260	ND		33.0	ug/kg	1	3545	04/08/2019 13:57	AY	8082
Surrogate: Decachlorobiphenyl			114 %	43-169		3545	04/08/2019 13:57	AY	8082
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:31	DAA	8260B
Surrogate: 4-Bromofluorobenzene			84.7 %		70-120	5030A	04/08/2019 15:31	DAA	8260B
Surrogate: Dibromofluoromethane			92.3 %		70-120	5030A	04/08/2019 15:31	DAA	8260B

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Surrogate: Toluene-d8			90.8 %	70-120	5030A		04/08/2019 15:31	DAA	8260B
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03, R-01				
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
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 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Analytical Results

Client Sample ID: B1-1

Laboratory Sample ID: 1904049-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03, R-01				
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
3/4-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 11:31	AY	8270C
Surrogate: 2-Fluorophenol			46.7 %		21-105	3545	04/08/2019 11:31	AY	8270C
Surrogate: Phenol-d6			52.7 %		10-107	3545	04/08/2019 11:31	AY	8270C
Surrogate: 2,4,6-Tribromophenol			52.0 %		10-123	3545	04/08/2019 11:31	AY	8270C
Surrogate: Nitrobenzene-d5			57.4 %		35-114	3545	04/08/2019 11:31	AY	8270C
Surrogate: 2-Fluorobiphenyl			51.1 %		18-116	3545	04/08/2019 11:31	AY	8270C
Surrogate: Terphenyl-d14			43.0 %		33-141	3545	04/08/2019 11:31	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 15:57	DAA	8260B
Surrogate: 4-Bromofluorobenzene			91.5 %		70-120	5030A	04/08/2019 15:57	DAA	8260B
Surrogate: Dibromofluoromethane			95.2 %		70-120	5030A	04/08/2019 15:57	DAA	8260B
Surrogate: Toluene-d8			87.2 %		70-120	5030A	04/08/2019 15:57	DAA	8260B

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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-20

Laboratory Sample ID: 1904049-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
3/4-Methylphenol	2520		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 12:01	AY	8270C
Surrogate: 2-Fluorophenol			28.7 %		21-105	3545	04/08/2019 12:01	AY	8270C
Surrogate: Phenol-d6			31.4 %		10-107	3545	04/08/2019 12:01	AY	8270C
Surrogate: 2,4,6-Tribromophenol			38.3 %		10-123	3545	04/08/2019 12:01	AY	8270C
Surrogate: Nitrobenzene-d5			59.1 %		35-114	3545	04/08/2019 12:01	AY	8270C
Surrogate: 2-Fluorobiphenyl			46.6 %		18-116	3545	04/08/2019 12:01	AY	8270C
Surrogate: Terphenyl-d14			44.7 %		33-141	3545	04/08/2019 12:01	AY	8270C

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	683		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Butanone	57.9		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B

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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:16	DAA	8260B
Surrogate: 4-Bromofluorobenzene			119 %		70-120	5030A	04/08/2019 17:16	DAA	8260B
Surrogate: Dibromofluoromethane			106 %		70-120	5030A	04/08/2019 17:16	DAA	8260B
Surrogate: Toluene-d8			79.7 %		70-120	5030A	04/08/2019 17:16	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzoic acid	7940		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Butyl benzyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-30

Laboratory Sample ID: 1904049-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
3/4-Methylphenol	3920		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Phenol	1140		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 12:30	AY	8270C
Surrogate: 2-Fluorophenol			45.6 %		21-105	3545	04/08/2019 12:30	AY	8270C
Surrogate: Phenol-d6			36.8 %		10-107	3545	04/08/2019 12:30	AY	8270C
Surrogate: 2,4,6-Tribromophenol			77.8 %		10-123	3545	04/08/2019 12:30	AY	8270C
Surrogate: Nitrobenzene-d5			52.5 %		35-114	3545	04/08/2019 12:30	AY	8270C
Surrogate: 2-Fluorobiphenyl			53.0 %		18-116	3545	04/08/2019 12:30	AY	8270C
Surrogate: Terphenyl-d14			76.1 %		33-141	3545	04/08/2019 12:30	AY	8270C

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Acetone	497		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 17:43	DAA	8260B
Surrogate: 4-Bromofluorobenzene			98.8 %		70-120	5030A	04/08/2019 17:43	DAA	8260B
Surrogate: Dibromofluoromethane			95.6 %		70-120	5030A	04/08/2019 17:43	DAA	8260B
Surrogate: Toluene-d8			87.2 %		70-120	5030A	04/08/2019 17:43	DAA	8260B

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2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178			Prepared: 04/05/2019 09:28 I-03, R-01			
Acenaphthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Acenaphthylene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Anthracene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benz(a)anthracene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (a) pyrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (b) fluoranthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (g,h,i) perylene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzo (k) fluoranthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzoic acid	16200		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Benzyl alcohol	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-chloroethoxy)methane	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-chloroethyl) ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-chloroisopropyl) ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Bromophenyl phenyl ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Butyl benzyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Chloro-3-methylphenol	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Chloroaniline	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Chloronaphthalene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Chlorophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Chlorophenyl phenyl ether	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Chrysene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Di-n-butyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Di-n-octyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Dibenz (a,h) anthracene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Dibenzofuran	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,3-Dichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,2-Dichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,4-Dichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
3,3'-Dichlorobenzidine	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dichlorophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Diethyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dimethylphenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Dimethyl phthalate	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dinitrophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4-Dinitrotoluene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,6-Dinitrotoluene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Fluoranthene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Fluorene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Hexachlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B1-35

Laboratory Sample ID: 1904049-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Hexachlorobutadiene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Hexachlorocyclopentadiene	ND		1980	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Hexachloroethane	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Isophorone	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1-Methyl Naphthylene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Methylnaphthalene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Methylphenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
3/4-Methylphenol	3100		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
N-Nitroso-di-n-propylamine	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
N-Nitrosodiphenylamine	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Naphthalene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Nitroaniline	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
3-Nitroaniline	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Nitroaniline	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Nitrobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2-Nitrophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
4-Nitrophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Pentachlorophenol	ND		5100	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Phenanthrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Phenol	1010		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Pyrene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Pyridine	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
1,2,4-Trichlorobenzene	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4,5-Trichlorophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
2,4,6-Trichlorophenol	ND		990	ug/kg	3	3545	04/08/2019 12:59	AY	8270C
Surrogate: 2-Fluorophenol			43.6 %		21-105	3545	04/08/2019 12:59	AY	8270C
Surrogate: Phenol-d6			60.1 %		10-107	3545	04/08/2019 12:59	AY	8270C
Surrogate: 2,4,6-Tribromophenol			48.6 %		10-123	3545	04/08/2019 12:59	AY	8270C
Surrogate: Nitrobenzene-d5			48.8 %		35-114	3545	04/08/2019 12:59	AY	8270C
Surrogate: 2-Fluorobiphenyl			47.2 %		18-116	3545	04/08/2019 12:59	AY	8270C
Surrogate: Terphenyl-d14			49.3 %		33-141	3545	04/08/2019 12:59	AY	8270C

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy

Wendy Lu, Laboratory Supervisor

**AMERICAN SCIENTIFIC LABORATORIES, LLC****Environmental Testing Services**

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049

Reported:
04/10/2019 15:20**Analytical Results****Client Sample ID: B2-1****Laboratory Sample ID: 1904049-05 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Polychlorinated Biphenyls (PCBs) by Gas Chromatography				Batch ID: BD90177	Prepared: 04/05/2019 09:16 I-03				
Aroclor 1016	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1221	ND		67.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1232	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1242	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1248	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1254	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Aroclor 1260	ND		33.0	ug/kg	1	3545	04/08/2019 14:14	AY	8082
Surrogate: Decachlorobiphenyl			86.1 %	43-169		3545	04/08/2019 14:14	AY	8082
Volatile Organic Compounds				Batch ID: BD90246	Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
1,3,5- Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:09	DAA	8260B
Surrogate: 4-Bromofluorobenzene			92.7 %		70-120	5030A	04/08/2019 18:09	DAA	8260B
Surrogate: Dibromofluoromethane			96.0 %		70-120	5030A	04/08/2019 18:09	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Surrogate: Toluene-d8			87.2 %	70-120	5030A		04/08/2019 18:09	DAA	8260B
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03, R-01				
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B2-1

Laboratory Sample ID: 1904049-05 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
3/4-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 13:29	AY	8270C
Surrogate: 2-Fluorophenol			84.2 %		21-105	3545	04/08/2019 13:29	AY	8270C
Surrogate: Phenol-d6			94.1 %		10-107	3545	04/08/2019 13:29	AY	8270C
Surrogate: 2,4,6-Tribromophenol			86.2 %		10-123	3545	04/08/2019 13:29	AY	8270C
Surrogate: Nitrobenzene-d5			75.2 %		35-114	3545	04/08/2019 13:29	AY	8270C
Surrogate: 2-Fluorobiphenyl			84.2 %		18-116	3545	04/08/2019 13:29	AY	8270C
Surrogate: Terphenyl-d14			105 %		33-141	3545	04/08/2019 13:29	AY	8270C

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AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)			Batch ID: BD90212		Prepared: 04/05/2019 14:41				
Mercury	ND		0.0500	mg/kg	1	7471A	04/08/2019 10:41	LVE	7471A
Total ICP Metals			Batch ID: BD90213		Prepared: 03/29/2019 12:44				
Antimony	0.766		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Arsenic	6.60		0.250	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Barium	416		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Cadmium	1.99		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Chromium	15.1		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Cobalt	5.11		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Copper	13.6		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Lead	358		0.250	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Molybdenum	0.898		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Nickel	5.78		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Vanadium	31.1		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Zinc	384		0.500	mg/kg	1	3050B	04/01/2019 12:35	LVE	SW846 6010B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography			Batch ID: BD90177		Prepared: 04/05/2019 09:16 I-03				
Aroclor 1016	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1221	ND		67.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1232	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1242	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1248	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1254	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Aroclor 1260	ND		33.0	ug/kg	1	3545	04/08/2019 14:30	AY	8082
Surrogate: Decachlorobiphenyl			83.7 %	43-169		3545	04/08/2019 14:30	AY	8082

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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	306		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 18:36	DAA	8260B
Surrogate: 4-Bromofluorobenzene			95.3 %		70-120	5030A	04/08/2019 18:36	DAA	8260B
Surrogate: Dibromofluoromethane			92.7 %		70-120	5030A	04/08/2019 18:36	DAA	8260B
Surrogate: Toluene-d8			88.4 %		70-120	5030A	04/08/2019 18:36	DAA	8260B

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SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds				Batch ID: BD90178	Prepared: 04/05/2019 09:28 I-03				
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzoic acid	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Butyl benzyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C

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AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
3/4-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Phenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 13:58	AY	8270C
Surrogate: 2-Fluorophenol			48.7 %		21-105	3545	04/08/2019 13:58	AY	8270C
Surrogate: Phenol-d6			61.2 %		10-107	3545	04/08/2019 13:58	AY	8270C
Surrogate: 2,4,6-Tribromophenol			71.7 %		10-123	3545	04/08/2019 13:58	AY	8270C
Surrogate: Nitrobenzene-d5			59.9 %		35-114	3545	04/08/2019 13:58	AY	8270C
Surrogate: 2-Fluorobiphenyl			52.4 %		18-116	3545	04/08/2019 13:58	AY	8270C
Surrogate: Terphenyl-d14			74.8 %		33-141	3545	04/08/2019 13:58	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B2-15

Laboratory Sample ID: 1904049-06 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
TCLP Metals			Batch ID: BD90217		Prepared: 04/05/2019 16:42				
Lead	ND		0.500	mg/L	1	TCLP	04/08/2019 15:23	LVE	TCLP
STLC Metals			Batch ID: BD90215		Prepared: 04/05/2019 16:42				
Lead	14.0		0.500	mg/L	1	STLC	04/08/2019 15:35	LVE	STLC

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B

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Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds									
				Batch ID: BD90246		Prepared: 04/08/2019 09:00		I-03	
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:02	DAA	8260B
Surrogate: 4-Bromofluorobenzene			86.6 %		70-120	5030A	04/08/2019 19:02	DAA	8260B

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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Surrogate: Dibromofluoromethane			95.9 %	70-120	5030A		04/08/2019 19:02	DAA	8260B
Surrogate: Toluene-d8			90.3 %	70-120	5030A		04/08/2019 19:02	DAA	8260B
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzoic acid	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Butyl benzyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Analytical Results

Client Sample ID: B2-20

Laboratory Sample ID: 1904049-07 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
3/4-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Phenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:28	AY	8270C
Surrogate: 2-Fluorophenol			56.5 %		21-105	3545	04/08/2019 14:28	AY	8270C
Surrogate: Phenol-d6			69.6 %		10-107	3545	04/08/2019 14:28	AY	8270C
Surrogate: 2,4,6-Tribromophenol			79.4 %		10-123	3545	04/08/2019 14:28	AY	8270C
Surrogate: Nitrobenzene-d5			62.2 %		35-114	3545	04/08/2019 14:28	AY	8270C
Surrogate: 2-Fluorobiphenyl			65.1 %		18-116	3545	04/08/2019 14:28	AY	8270C
Surrogate: Terphenyl-d14			87.9 %		33-141	3545	04/08/2019 14:28	AY	8270C

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Wendy Lu

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B3-1

Laboratory Sample ID: 1904049-08 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	6.49		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90244		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 18:33	DAA	8015B
Surrogate: Bromofluorobenzene			83.1 %		70-120	5030A	04/08/2019 18:33	DAA	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90264		Prepared: 04/10/2019 09:00 I-03				
Diesel range organics	ND		10.0	mg/kg	1	3550B	04/10/2019 10:55	DAA	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/10/2019 10:55	DAA	8015B
Surrogate: Chlorobenzene			93.7 %		70-120	3550B	04/10/2019 10:55	DAA	8015B

Analytical Results

Client Sample ID: B3-5

Laboratory Sample ID: 1904049-09 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	5.10		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 18:56	DAA	8015B
Surrogate: Bromofluorobenzene			71.9 %		70-120	5030A	04/08/2019 18:56	DAA	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90260		Prepared: 04/09/2019 09:00 I-03				
Diesel range organics	ND		20.0	mg/kg	2	3550B	04/09/2019 17:57	DAA	8015B
Oil Range Organics	ND		100	mg/kg	2	3550B	04/09/2019 17:57	DAA	8015B
Surrogate: Chlorobenzene			96.0 %		70-120	3550B	04/09/2019 17:57	DAA	8015B

Analytical Results

Client Sample ID: B3-10

Laboratory Sample ID: 1904049-10 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	12.2		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90244		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 19:19	DAA	8015B
Surrogate: Bromofluorobenzene			91.8 %		70-120	5030A	04/08/2019 19:19	DAA	8015B

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San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B3-10

Laboratory Sample ID: 1904049-10 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90260		Prepared: 04/09/2019 09:00 I-03				
Diesel range organics	ND		20.0	mg/kg	2	3550B	04/09/2019 18:39	DAA	8015B
Oil Range Organics	ND		100	mg/kg	2	3550B	04/09/2019 18:39	DAA	8015B
Surrogate: Chlorobenzene			96.0 %		70-120	3550B	04/09/2019 18:39	DAA	8015B

Analytical Results

Client Sample ID: B3-15

Laboratory Sample ID: 1904049-11 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	12.3		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 19:41	DAA	8015B
Surrogate: Bromofluorobenzene			63.2 %		70-120	5030A	04/08/2019 19:41	DAA	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90260		Prepared: 04/09/2019 09:00 I-03				
Diesel range organics	ND		10.0	mg/kg	1	3550B	04/09/2019 15:51	DAA	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/09/2019 15:51	DAA	8015B
Surrogate: Chlorobenzene			96.2 %		70-120	3550B	04/09/2019 15:51	DAA	8015B

Analytical Results

Client Sample ID: B3-20

Laboratory Sample ID: 1904049-12 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	27.8		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 20:04	DAA	8015B
Surrogate: Bromofluorobenzene			51.0 %		70-120	5030A	04/08/2019 20:04	DAA	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90260		Prepared: 04/09/2019 09:00 I-03				
Diesel range organics	ND		20.0	mg/kg	2	3550B	04/09/2019 19:21	DAA	8015B
Oil Range Organics	ND		100	mg/kg	2	3550B	04/09/2019 19:21	DAA	8015B
Surrogate: Chlorobenzene			95.8 %		70-120	3550B	04/09/2019 19:21	DAA	8015B

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B3-25

Laboratory Sample ID: 1904049-13 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	5.47		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90245		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 20:27	DAA	8015B
Surrogate: Bromofluorobenzene		119 %		70-120		5030A	04/08/2019 20:27	DAA	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90260		Prepared: 04/09/2019 09:00 I-03				
Diesel range organics	32.8		10.0	mg/kg	1	3550B	04/09/2019 16:33	DAA	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/09/2019 16:33	DAA	8015B
Surrogate: Chlorobenzene		93.3 %		70-120		3550B	04/09/2019 16:33	DAA	8015B

Analytical Results

Client Sample ID: B3-30

Laboratory Sample ID: 1904049-14 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BD90214		Prepared: 04/05/2019 14:08				
Lead	7.82		0.250	mg/kg	1	3050B	04/05/2019 19:44	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BD90244		Prepared: 04/08/2019 09:00 I-03				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/08/2019 20:50	DAA	8015B
Surrogate: Bromofluorobenzene		70.1 %		70-120		5030A	04/08/2019 20:50	DAA	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BD90260		Prepared: 04/09/2019 09:00 I-03				
Diesel range organics	26.4		10.0	mg/kg	1	3550B	04/09/2019 17:15	DAA	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/09/2019 17:15	DAA	8015B
Surrogate: Chlorobenzene		97.9 %		70-120		3550B	04/09/2019 17:15	DAA	8015B

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049

Reported:
04/10/2019 15:20**Analytical Results****Client Sample ID: B4-5****Laboratory Sample ID: 1904049-15 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,3-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2,2-Dichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049

Reported:
04/10/2019 15:20**Analytical Results****Client Sample ID: B4-5****Laboratory Sample ID: 1904049-15 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:28	DAA	8260B
Surrogate: 4-Bromofluorobenzene			83.7 %		70-120	5030A	04/08/2019 19:28	DAA	8260B
Surrogate: Dibromofluoromethane			89.1 %		70-120	5030A	04/08/2019 19:28	DAA	8260B
Surrogate: Toluene-d8			89.6 %		70-120	5030A	04/08/2019 19:28	DAA	8260B

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San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Acenaphthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Acenaphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benz(a)anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (a) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (b) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (g,h,i) perylene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzo (k) fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzoic acid	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Benzyl alcohol	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-chloroethoxy)methane	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-chloroethyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-chloroisopropyl) ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Bromophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Butyl benzyl phthalate	509		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Chloro-3-methylphenol	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Chloroaniline	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Chloronaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Chlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Chlorophenyl phenyl ether	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Chrysene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Di-n-butyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Di-n-octyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Dibenz (a,h) anthracene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Dibenzofuran	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,3-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,2-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,4-Dichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
3,3'-Dichlorobenzidine	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dichlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Diethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dimethylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Dimethyl phthalate	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,6-Dinitrotoluene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Fluoranthene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Fluorene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Hexachlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B4-5

Laboratory Sample ID: 1904049-15 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28 I-03				
Hexachlorobutadiene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Hexachlorocyclopentadiene	ND		660	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Hexachloroethane	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Isophorone	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1-Methyl Naphthylene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Methylnaphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
3/4-Methylphenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
N-Nitroso-di-n-propylamine	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
N-Nitrosodiphenylamine	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Naphthalene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
3-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Nitroaniline	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Nitrobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2-Nitrophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
4-Nitrophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Pentachlorophenol	ND		1700	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Phenanthrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Phenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Pyrene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Pyridine	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
1,2,4-Trichlorobenzene	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4,5-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
2,4,6-Trichlorophenol	ND		330	ug/kg	1	3545	04/08/2019 14:58	AY	8270C
Surrogate: 2-Fluorophenol			71.9 %		21-105	3545	04/08/2019 14:58	AY	8270C
Surrogate: Phenol-d6			75.0 %		10-107	3545	04/08/2019 14:58	AY	8270C
Surrogate: 2,4,6-Tribromophenol			80.2 %		10-123	3545	04/08/2019 14:58	AY	8270C
Surrogate: Nitrobenzene-d5			73.6 %		35-114	3545	04/08/2019 14:58	AY	8270C
Surrogate: 2-Fluorobiphenyl			62.7 %		18-116	3545	04/08/2019 14:58	AY	8270C
Surrogate: Terphenyl-d14			91.8 %		33-141	3545	04/08/2019 14:58	AY	8270C

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246			Prepared: 04/08/2019 09:00 I-03			
Acetone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Benzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromodichloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromoform	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Bromomethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Butanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
n-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
sec-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
tert-Butylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Carbon disulfide	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Carbon tetrachloride	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chloroethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Chloroethylvinyl Ether	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chloroform	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Chloromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
4-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Chlorotoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dibromo-3-chloropropane	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Dibromochloromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dibromoethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Dibromomethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,3-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,4-Dichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Dichlorodifluoromethane	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
cis-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
trans-1,2-Dichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2,2-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
cis-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
trans-1,3-Dichloropropene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Ethylbenzene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Volatile Organic Compounds			Batch ID: BD90246		Prepared: 04/08/2019 09:00 I-03				
Hexachlorobutadiene	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
2-Hexanone	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Isopropylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
p-Isopropyltoluene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Methyl tert-Butyl Ether (MTBE)	ND		5.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
4-Methyl-2-pentanone (MIBK)	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Methylene chloride	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Naphthalene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
n-Propylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Styrene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,1,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,2,2-Tetrachloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Tetrachloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Toluene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,3-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,4-Trichlorobenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,1-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,1,2-Trichloroethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Trichloroethene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Trichlorofluoromethane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,3-Trichloropropane	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,2,4-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
1,3,5-Trimethylbenzene	ND		10.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Vinyl acetate	ND		50.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Vinyl chloride	ND		30.0	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
m,p-Xylenes	ND		4.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
o-Xylene	ND		2.00	ug/kg	1	5030A	04/08/2019 19:55	DAA	8260B
Surrogate: 4-Bromofluorobenzene			92.9 %		70-120	5030A	04/08/2019 19:55	DAA	8260B
Surrogate: Dibromofluoromethane			94.1 %		70-120	5030A	04/08/2019 19:55	DAA	8260B
Surrogate: Toluene-d8			84.3 %		70-120	5030A	04/08/2019 19:55	DAA	8260B

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SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Acenaphthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Acenaphthylene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Anthracene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benz(a)anthracene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (a) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (b) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (g,h,i) perylene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzo (k) fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzoic acid	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Benzyl alcohol	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-chloroethoxy)methane	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-chloroethyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-chloroisopropyl) ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Bis(2-ethylhexyl) phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Bromophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Butyl benzyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Chloro-3-methylphenol	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Chloroaniline	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Chloronaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Chlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Chlorophenyl phenyl ether	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Chrysene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Di-n-butyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Di-n-octyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Dibenz (a,h) anthracene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Dibenzofuran	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,3-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,2-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,4-Dichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
3,3'-Dichlorobenzidine	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dichlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Diethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dimethylphenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Dimethyl phthalate	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,6-Dinitrotoluene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Fluoranthene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Fluorene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Hexachlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Analytical Results

Client Sample ID: B4-45

Laboratory Sample ID: 1904049-16 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Semivolatile Organic Compounds			Batch ID: BD90178		Prepared: 04/05/2019 09:28		I-03, R-01		
Hexachlorobutadiene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Hexachlorocyclopentadiene	ND		2640	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Hexachloroethane	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Indeno (1,2,3-cd) pyrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Isophorone	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Methyl-4,6-dinitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1-Methyl Naphthylene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Methylnaphthalene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
3/4-Methylphenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
N-Nitroso-di-n-propylamine	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
N-Nitrosodiphenylamine	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Naphthalene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
3-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Nitroaniline	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Nitrobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2-Nitrophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
4-Nitrophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Pentachlorophenol	ND		6800	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Phenanthrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Phenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Pyrene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Pyridine	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
1,2,4-Trichlorobenzene	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4,5-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
2,4,6-Trichlorophenol	ND		1320	ug/kg	4	3545	04/08/2019 15:27	AY	8270C
Surrogate: 2-Fluorophenol			65.8 %		21-105	3545	04/08/2019 15:27	AY	8270C
Surrogate: Phenol-d6			72.8 %		10-107	3545	04/08/2019 15:27	AY	8270C
Surrogate: 2,4,6-Tribromophenol			64.5 %		10-123	3545	04/08/2019 15:27	AY	8270C
Surrogate: Nitrobenzene-d5			77.8 %		35-114	3545	04/08/2019 15:27	AY	8270C
Surrogate: 2-Fluorobiphenyl			73.4 %		18-116	3545	04/08/2019 15:27	AY	8270C
Surrogate: Terphenyl-d14			72.6 %		33-141	3545	04/08/2019 15:27	AY	8270C

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Wendy

Wendy Lu, Laboratory Supervisor



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SCS Engineers

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San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Total Mercury (CVAA) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90212 - 7471A - 7471A

Blank (BD90212-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Mercury ND 0.0500 mg/kg

LCS (BD90212-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Mercury 94.0 50.0 mg/kg 100 94.0 80-120

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Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90213 - 3050B - SW846 6010B

Blank (BD90213-BLK1)

Prepared: 03/29/201 Analyzed: 04/01/201

Antimony	ND	0.500	mg/kg
Arsenic	ND	0.250	"
Barium	ND	0.500	"
Beryllium	ND	0.500	"
Cadmium	ND	0.500	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Lead	ND	0.250	"
Molybdenum	ND	0.500	"
Nickel	ND	0.500	"
Selenium	ND	0.500	"
Silver	ND	0.500	"
Thallium	ND	0.500	"
Vanadium	ND	0.500	"
Zinc	ND	0.500	"

LCS (BD90213-BS1)

Prepared: 03/29/201 Analyzed: 04/01/201

Antimony	92.7	1.00	mg/kg	100	92.7	80-120
Arsenic	92.9	0.500	"	100	92.9	80-120
Barium	101	1.00	"	100	101	80-120
Beryllium	109	1.00	"	100	109	80-120
Cadmium	93.0	1.00	"	100	93.0	80-120
Chromium	94.1	1.00	"	100	94.1	80-120
Cobalt	94.4	1.00	"	100	94.4	80-120
Copper	99.0	1.00	"	100	99.0	80-120
Lead	94.5	0.500	"	100	94.5	80-120
Molybdenum	92.0	1.00	"	100	92.0	80-120
Nickel	91.1	1.00	"	100	91.1	80-120
Selenium	90.7	1.00	"	100	90.7	80-120
Silver	89.3	1.00	"	100	89.3	80-120
Thallium	95.0	1.00	"	100	95.0	80-120
Vanadium	97.8	1.00	"	100	97.8	80-120
Zinc	95.9	1.00	"	100	95.9	80-120

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Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90214 - 3050B - SW846 6010B

Blank (BD90214-BLK1)

Prepared & Analyzed: 04/05/201

Lead ND 0.250 mg/kg

LCS (BD90214-BS1)

Prepared & Analyzed: 04/05/201

Lead 98.5 0.500 mg/kg 100 98.5 80-120

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Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Total Petroleum Hydrocarbons(TPH-g) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90244 - 5030A - 8015B

Blank (BD90244-BLK1)

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	ND	500	ug/kg							
Surrogate: Bromofluorobenzene	9.98		"	10.0		99.8	70-120			

Matrix Spike (BD90244-MS1)

Source: 1904049-08

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	479		ug/kg	500	13.1	93.1	75-120			
Surrogate: Bromofluorobenzene	11.5		"	10.0		115	70-120			

Matrix Spike Dup (BD90244-MSD1)

Source: 1904049-08

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	475		ug/kg	500	13.1	92.3	75-120	0.836	15	
Surrogate: Bromofluorobenzene	10.8		"	10.0		108	70-120			

Batch BD90245 - 5030A - 8015B

Blank (BD90245-BLK1)

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	ND	500	ug/kg							
Surrogate: Bromofluorobenzene	8.09		"	10.0		80.9	70-120			

Matrix Spike (BD90245-MS1)

Source: 1904049-09

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	477		ug/kg	500	15.0	92.3	75-120			
Surrogate: Bromofluorobenzene	11.5		"	10.0		115	70-120			

Matrix Spike Dup (BD90245-MSD1)

Source: 1904049-09

Prepared & Analyzed: 04/08/201

Gasoline Range Organics	475		ug/kg	500	15.0	91.9	75-120	0.420	15	
Surrogate: Bromofluorobenzene	10.8		"	10.0		108	70-120			

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Total Petroleum Hydrocarbons(TPH DROORO) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90260 - 3550B - 8015B

Blank (BD90260-BLK1)

Prepared & Analyzed: 04/09/201

Diesel range organics	ND	10.0	mg/kg							J
Oil Range Organics	ND	50.0	"							
Surrogate: Chlorobenzene	94.0		"	100		94.0	70-120			

Matrix Spike (BD90260-MS1)

Source: 1904049-11

Prepared & Analyzed: 04/09/201

Diesel range organics	437		mg/kg	500	8.52	85.6	75-120			
Surrogate: Chlorobenzene	92.8		"	100		92.8	70-120			

Matrix Spike Dup (BD90260-MSD1)

Source: 1904049-11

Prepared & Analyzed: 04/09/201

Diesel range organics	447		mg/kg	500	8.52	87.7	75-120	2.33	15	
Surrogate: Chlorobenzene	94.4		"	100		94.4	70-120			

Batch BD90264 - 3550B - 8015B

Blank (BD90264-BLK1)

Prepared & Analyzed: 04/10/201

Diesel range organics	ND	10.0	mg/kg							J
Oil Range Organics	ND	50.0	"							
Surrogate: Chlorobenzene	92.2		"	100		92.2	70-120			

Matrix Spike (BD90264-MS1)

Source: 1904049-08

Prepared & Analyzed: 04/10/201

Diesel range organics	466		mg/kg	500	7.99	91.7	75-120			
Surrogate: Chlorobenzene	90.4		"	100		90.4	70-120			

Matrix Spike Dup (BD90264-MSD1)

Source: 1904049-08

Prepared & Analyzed: 04/10/201

Diesel range organics	491		mg/kg	500	7.99	96.6	75-120	5.11	15	
Surrogate: Chlorobenzene	93.0		"	100		93.0	70-120			

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Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Polychlorinated Biphenyls (PCBs) by Gas Chromatography - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90177 - 3545 - 8082

Blank (BD90177-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Aroclor 1016	ND	33.0	ug/kg							
Aroclor 1221	ND	67.0	"							
Aroclor 1232	ND	33.0	"							
Aroclor 1242	ND	33.0	"							
Aroclor 1248	ND	33.0	"							
Aroclor 1254	ND	33.0	"							
Aroclor 1260	ND	33.0	"							
Surrogate: Decachlorobiphenyl	17.9		"	16.7		107	43-169			

LCS (BD90177-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Aroclor 1260	135	33.0	ug/kg	167		81.0	39-150			
Surrogate: Decachlorobiphenyl	12.9		"	16.7		77.3	43-169			

LCS Dup (BD90177-BSD1)

Prepared: 04/05/201 Analyzed: 04/08/201

Aroclor 1260	151	33.0	ug/kg	167		90.5	39-150	11.0	30	
Surrogate: Decachlorobiphenyl	13.3		"	16.7		79.8	43-169			

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Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Volatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90246 - 5030A - 8260B

Blank (BD90246-BLK1)

Prepared & Analyzed: 04/08/201

Acetone	ND	50.0	ug/kg
Benzene	ND	2.00	"
Bromobenzene	ND	10.0	"
Bromochloromethane	ND	10.0	"
Bromodichloromethane	ND	10.0	"
Bromoform	ND	50.0	"
Bromomethane	ND	30.0	"
2-Butanone	ND	50.0	"
n-Butylbenzene	ND	10.0	"
sec-Butylbenzene	ND	10.0	"
tert-Butylbenzene	ND	10.0	"
Carbon disulfide	ND	10.0	"
Carbon tetrachloride	ND	10.0	"
Chlorobenzene	ND	10.0	"
Chloroethane	ND	30.0	"
2-Chloroethylvinyl Ether	ND	50.0	"
Chloroform	ND	10.0	"
Chloromethane	ND	30.0	"
4-Chlorotoluene	ND	10.0	"
2-Chlorotoluene	ND	10.0	"
1,2-Dibromo-3-chloropropane	ND	50.0	"
Dibromochloromethane	ND	10.0	"
1,2-Dibromoethane	ND	10.0	"
Dibromomethane	ND	10.0	"
1,2-Dichlorobenzene	ND	10.0	"
1,3-Dichlorobenzene	ND	10.0	"
1,4-Dichlorobenzene	ND	10.0	"
Dichlorodifluoromethane	ND	30.0	"
1,1-Dichloroethane	ND	10.0	"
1,2-Dichloroethane	ND	10.0	"
1,1-Dichloroethene	ND	10.0	"
cis-1,2-Dichloroethene	ND	10.0	"
trans-1,2-Dichloroethene	ND	10.0	"
1,1-Dichloropropene	ND	10.0	"
1,2-Dichloropropane	ND	10.0	"
1,3-Dichloropropane	ND	10.0	"
2,2-Dichloropropane	ND	10.0	"
cis-1,3-Dichloropropene	ND	10.0	"
trans-1,3-Dichloropropene	ND	10.0	"
Ethylbenzene	ND	2.00	"
Hexachlorobutadiene	ND	30.0	"

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Project: CYPRESS

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Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Volatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90246 - 5030A - 8260B

Blank (BD90246-BLK1)

Prepared & Analyzed: 04/08/201

2-Hexanone	ND	50.0	ug/kg							
Isopropylbenzene	ND	10.0	"							
p-Isopropyltoluene	ND	10.0	"							
Methyl tert-Butyl Ether (MTBE)	ND	5.00	"							
4-Methyl-2-pentanone (MIBK)	ND	50.0	"							
Methylene chloride	ND	50.0	"							
Naphthalene	ND	10.0	"							
n-Propylbenzene	ND	10.0	"							
Styrene	ND	10.0	"							
1,1,1,2-Tetrachloroethane	ND	10.0	"							
1,1,2,2-Tetrachloroethane	ND	10.0	"							
Tetrachloroethene	ND	10.0	"							
Toluene	ND	2.00	"							
1,2,3-Trichlorobenzene	ND	10.0	"							
1,2,4-Trichlorobenzene	ND	10.0	"							
1,1,1-Trichloroethane	ND	10.0	"							
1,1,2-Trichloroethane	ND	10.0	"							
Trichloroethene	ND	10.0	"							
Trichlorofluoromethane	ND	10.0	"							
1,2,3-Trichloropropane	ND	10.0	"							
1,2,4-Trimethylbenzene	ND	10.0	"							
1,3,5-Trimethylbenzene	ND	10.0	"							
Vinyl acetate	ND	50.0	"							
Vinyl chloride	ND	30.0	"							
m,p-Xylenes	ND	4.00	"							
o-Xylene	ND	2.00	"							
Surrogate: 4-Bromofluorobenzene	43.5		"	50.0		87.1	70-120			
Surrogate: Dibromofluoromethane	45.0		"	50.0		90.1	70-120			
Surrogate: Toluene-d8	44.6		"	50.0		89.2	70-120			

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Work Order No: 1904049

Reported:

04/10/2019 15:20

Volatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90246 - 5030A - 8260B

Matrix Spike (BD90246-MS1)

Source: 1904049-01

Prepared & Analyzed: 04/08/201

Benzene	48.4		ug/kg	50.0	0.00	96.7	75-120			
Chlorobenzene	40.7		"	50.0	0.00	81.3	75-120			
1,1-Dichloroethene	53.0		"	50.0	0.00	106	75-120			
Methyl tert-Butyl Ether (MTBE)	41.8		"	50.0	0.00	83.7	75-120			
Toluene	47.2		"	50.0	0.00	94.3	75-120			
Trichloroethene	46.9		"	50.0	0.00	93.8	75-120			
Surrogate: 4-Bromofluorobenzene	44.0		"	50.0		88.1	70-120			
Surrogate: Dibromofluoromethane	47.8		"	50.0		95.6	70-120			
Surrogate: Toluene-d8	46.3		"	50.0		92.6	70-120			

Matrix Spike Dup (BD90246-MSD1)

Source: 1904049-01

Prepared & Analyzed: 04/08/201

Benzene	46.2		ug/kg	50.0	0.00	92.4	75-120	4.55	15	
Chlorobenzene	39.1		"	50.0	0.00	78.2	75-120	3.86	15	
1,1-Dichloroethene	50.5		"	50.0	0.00	101	75-120	4.72	15	
Methyl tert-Butyl Ether (MTBE)	40.3		"	50.0	0.00	80.7	75-120	3.70	15	
Toluene	44.9		"	50.0	0.00	89.7	75-120	5.02	15	
Trichloroethene	44.5		"	50.0	0.00	89.0	75-120	5.32	15	
Surrogate: 4-Bromofluorobenzene	43.2		"	50.0		86.3	70-120			
Surrogate: Dibromofluoromethane	46.4		"	50.0		92.8	70-120			
Surrogate: Toluene-d8	45.9		"	50.0		91.8	70-120			

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Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1904049
Reported:
04/10/2019 15:20

Semivolatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BD90178 - 3545 - 8270C

Blank (BD90178-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Acenaphthene	ND	330	ug/kg
Acenaphthylene	ND	330	"
Anthracene	ND	330	"
Benz(a)anthracene	ND	330	"
Benzo (a) pyrene	ND	330	"
Benzo (b) fluoranthene	ND	330	"
Benzo (g,h,i) perylene	ND	330	"
Benzo (k) fluoranthene	ND	330	"
Benzoic acid	ND	1700	"
Benzyl alcohol	ND	660	"
Bis(2-chloroethoxy)methane	ND	330	"
Bis(2-chloroethyl) ether	ND	330	"
Bis(2-chloroisopropyl) ether	ND	330	"
Bis(2-ethylhexyl) phthalate	ND	330	"
4-Bromophenyl phenyl ether	ND	330	"
Butyl benzyl phthalate	ND	330	"
4-Chloro-3-methylphenol	ND	660	"
4-Chloroaniline	ND	660	"
2-Chloronaphthalene	ND	330	"
2-Chlorophenol	ND	330	"
4-Chlorophenyl phenyl ether	ND	330	"
Chrysene	ND	330	"
Di-n-butyl phthalate	ND	330	"
Di-n-octyl phthalate	ND	330	"
Dibenz (a,h) anthracene	ND	330	"
Dibenzofuran	ND	330	"
1,3-Dichlorobenzene	ND	330	"
1,2-Dichlorobenzene	ND	330	"
1,4-Dichlorobenzene	ND	330	"
3,3'-Dichlorobenzidine	ND	660	"
2,4-Dichlorophenol	ND	1700	"
Diethyl phthalate	ND	330	"
2,4-Dimethylphenol	ND	330	"
Dimethyl phthalate	ND	330	"
2,4-Dinitrophenol	ND	1700	"
2,4-Dinitrotoluene	ND	330	"
2,6-Dinitrotoluene	ND	330	"
Fluoranthene	ND	330	"
Fluorene	ND	330	"
Hexachlorobenzene	ND	330	"
Hexachlorobutadiene	ND	330	"

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Semivolatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BD90178 - 3545 - 8270C

Blank (BD90178-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Hexachlorocyclopentadiene	ND	660	ug/kg							
Hexachloroethane	ND	330	"							
Indeno (1,2,3-cd) pyrene	ND	330	"							
Isophorone	ND	330	"							
2-Methyl-4,6-dinitrophenol	ND	1700	"							
1-Methyl Naphthylene	ND	330	"							
2-Methylnaphthalene	ND	330	"							
2-Methylphenol	ND	330	"							
3/4-Methylphenol	ND	330	"							
N-Nitroso-di-n-propylamine	ND	330	"							
N-Nitrosodiphenylamine	ND	330	"							
Naphthalene	ND	330	"							
2-Nitroaniline	ND	1700	"							
3-Nitroaniline	ND	1700	"							
4-Nitroaniline	ND	1700	"							
Nitrobenzene	ND	330	"							
2-Nitrophenol	ND	330	"							
4-Nitrophenol	ND	1700	"							
Pentachlorophenol	ND	1700	"							
Phenanthrene	ND	330	"							
Phenol	ND	330	"							
Pyrene	ND	330	"							
Pyridine	ND	330	"							
1,2,4-Trichlorobenzene	ND	330	"							
2,4,5-Trichlorophenol	ND	330	"							
2,4,6-Trichlorophenol	ND	330	"							
Surrogate: 2-Fluorophenol	2290		"	3330		68.8	21-105			
Surrogate: Phenol-d6	2740		"	3330		82.3	10-107			
Surrogate: 2,4,6-Tribromophenol	2320		"	3330		69.7	10-123			
Surrogate: Nitrobenzene-d5	1490		"	1670		89.5	35-114			
Surrogate: 2-Fluorobiphenyl	1280		"	1670		76.8	18-116			
Surrogate: Terphenyl-d14	1350		"	1670		81.0	33-141			

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

Wendy

Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
 8799 Balboa Avenue, Suite 290
 San Diego CA, 92123

Project: CYPRESS
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1904049
 Reported:
 04/10/2019 15:20

Semivolatile Organic Compounds - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BD90178 - 3545 - 8270C

LCS (BD90178-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Acenaphthene	1120	330	ug/kg	1330		83.8	43-118			
4-Chloro-3-methylphenol	2560	660	"	2670		95.8	23-117			
2-Chlorophenol	1830	330	"	2670		68.7	27-113			
1,4-Dichlorobenzene	764	330	"	1330		57.3	36-105			
2,4-Dinitrotoluene	1270	330	"	1330		95.1	24-120			
N-Nitroso-di-n-propylamine	1280	330	"	1330		95.6	41-116			
4-Nitrophenol	2130	1700	"	2670		79.8	10-133			
Pentachlorophenol	1910	1700	"	2670		71.5	9-118			
Phenol	1990	330	"	2670		74.8	12-110			
Pyrene	1370	330	"	1330		103	26-127			
1,2,4-Trichlorobenzene	968	330	"	1330		72.6	39-98			
Surrogate: 2-Fluorophenol	2830		"	3330		84.8	21-105			
Surrogate: Phenol-d6	3000		"	3330		90.1	10-107			
Surrogate: 2,4,6-Tribromophenol	3350		"	3330		101	10-123			
Surrogate: Nitrobenzene-d5	1710		"	1670		103	35-114			
Surrogate: 2-Fluorobiphenyl	1470		"	1670		87.9	18-116			
Surrogate: Terphenyl-d14	1390		"	1670		83.3	33-141			

LCS Dup (BD90178-BSD1)

Prepared: 04/05/201 Analyzed: 04/08/201

Acenaphthene	1120	330	ug/kg	1330		84.3	43-118	0.595	30	
4-Chloro-3-methylphenol	2470	660	"	2670		92.8	23-117	3.23	30	
2-Chlorophenol	1780	330	"	2670		66.6	27-113	3.08	30	
1,4-Dichlorobenzene	785	330	"	1330		58.9	36-105	2.67	30	
2,4-Dinitrotoluene	1270	330	"	1330		94.9	24-120	0.184	30	
N-Nitroso-di-n-propylamine	1340	330	"	1330		100	41-116	4.90	30	
4-Nitrophenol	2310	1700	"	2670		86.4	10-133	7.97	30	
Pentachlorophenol	1940	1700	"	2670		72.8	9-118	1.82	30	
Phenol	2000	330	"	2670		75.0	12-110	0.317	30	
Pyrene	1390	330	"	1330		104	26-127	1.11	30	
1,2,4-Trichlorobenzene	923	330	"	1330		69.2	39-98	4.83	30	
Surrogate: 2-Fluorophenol	2600		"	3330		78.0	21-105			
Surrogate: Phenol-d6	2980		"	3330		89.3	10-107			
Surrogate: 2,4,6-Tribromophenol	3350		"	3330		101	10-123			
Surrogate: Nitrobenzene-d5	1640		"	1670		98.6	35-114			
Surrogate: 2-Fluorobiphenyl	1480		"	1670		88.7	18-116			
Surrogate: Terphenyl-d14	1450		"	1670		86.9	33-141			

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Wendy Lu

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

TCLP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BD90217 - TCLP - TCLP

Blank (BD90217-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead ND 0.500 mg/L

LCS (BD90217-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead 108 2.50 mg/L 100 108 80-120

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Wendy Lu, Laboratory Supervisor



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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

STLC Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BD90215 - STLC - STLC

Blank (BD90215-BLK1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead ND 0.500 mg/L

LCS (BD90215-BS1)

Prepared: 04/05/201 Analyzed: 04/08/201

Lead 108 5.00 mg/L 100 108 80-120

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Wendy Lu, Laboratory Supervisor



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Environmental Testing Services

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SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego CA, 92123

Project: CYPRESS

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1904049

Reported:

04/10/2019 15:20

Notes and Definitions

- R-01 The Reporting Limit for this analyte has been raised to account for matrix interference.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- I-03 This sample was received and analyzed outside of the EPA recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

22 November 2019

Luke Montague

SCS Engineers

8799 Balboa Avenue, Suite 290

San Diego, CA 92123

Work Order #: 1911071

Project Name: CYPRESS CANYON

Project ID: 01214253.06

Site Address: 11495 Cypress Canyon San Diego, CA

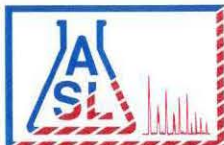
Enclosed are the results of analyses for samples received by the laboratory on November 13, 2019. If you have any questions concerning this report, please feel free to contact us.

Rojert G. Araghi

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



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Environmental Testing Services

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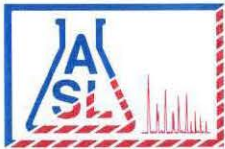
COC# **Nº 85064** GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# **1911071**

Company: SCS ENGINEERS		Report To: MONTAGUE	ANALYSIS REQUESTED	
Address: 8799 BALBOA AVE		Project Name: CYPRESS CANYON	*WITH SILICA GEL TAP EXTRACT (8015) AS + Pb (6010) TZ2 METALS (6010) OCPS (8010B) ARCHIVE	
SAN DIEGO CA		Site Address:		
Telephone:		Invoice To:		
Fax:		Address:		
Special Instruction:		Project ID: 01214253.06		
E-mail: L.MONTAGUE@SCSENGINEERS.COM l.montague@		Project Manager: L. MONTAGUE	P.O.#: 01214253.06	

ITEM	LAB USE ONLY	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation											Remarks
	Lab ID	Sample ID	Date	Time	#	Type													
	1911071-01	B10-2.5	11/11/19	1122	1	STEEL SLEEVE	SOIL	ICE		XX	X								15 (15)
	1911071-02	B10-5		1124						XX									
		B10-7.5		1126														X	
	1911071-03	B10-10		1128						X	XX							X	
		B10-12.5		1137														X	
	1911071-04	B10-15		1139						XX									
		B10-17.5		1141														X	
	1911071-05	B10-20		1143						X	XX								
		B10-22.5		1153														X	
	1911071-06	B10-25	↓	1155	↓	↓	↓	↓		XX									

Collected By: [Signature]	Date 11/11/19 Time 1620	Relinquished By: [Signature]	Date 11/11/19 Time 1620	☒ TAT ☐ Normal ☐ Rush
Relinquished By: [Signature]	Date 11/12/19 Time 900	Received For Laboratory: Janet Chin	Date 11.13.19 Time 10:10	
Received By:	Date	Time	Condition of Sample: via GSO	

CHAIN OF CUSTODY RECORD



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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Page 2 Of 4

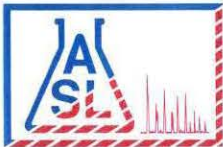
COC# **Nº 84425** GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# **1911071**

Company: SCS		Report To:		ANALYSIS REQUESTED													
Address:		Project Name: CYPRESS CANYON		Address:													
		Site Address:		Invoice To:													
Telephone:				Address:													
Fax:																	
Special Instruction:		Project ID:															
E-mail:		Project Manager:		P.O.#:													

ITEM	LAB USE ONLY	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation										Remarks
	Lab ID	Sample ID	Date	Time	#	Type												
		B10-27.5	11/11/19	1157	1	STEEL SLEEVE	SOIL	ICE										X
	1911071-07	B10-30		1159						X		XX						
		B10-32.5		1206														X
	1911071-08	B10-35		1208						XX								
		B10-37.5		1210														X
	1911071-09	B10-40		1212						X		XX						
		B10-42.5		1215														X
	1911071-10	B10-45		1217						XX								
		B10-47.5		1219														X
	1911071-11	B10-50		1221						X		XX						

Collected By: [Signature]	Date 11/11/19 Time 1620	Relinquished By: [Signature]	Date 11/11/19 Time 1620	☒ TAT ☒ Normal ☐ Rush
Relinquished By: [Signature]	Date 11/12/19 Time 900	Received For Laboratory Janet Chun	Date 11-13-19 Time 10:10	
Received By:	Date	Time	Condition of Sample:	

CHAIN OF CUSTODY



AMERICAN SCIENTIFIC LABORATORIES, LLC

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Page 3 Of 4COC# **Nº 84426** GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 1911071

Company: <u>SCS</u>		Report To: _____	
Address: _____		Project Name: <u>CYPRESS CANYON</u>	
Telephone: _____		Site Address: _____	
Fax: _____		Invoice To: _____	
Special Instruction: _____		Address: _____	
E-mail: _____		Project ID: <u>SEE PG 1</u>	
Project Manager: _____		P.O.#: _____	

ANALYSIS REQUESTED

TAP EXTRACT * WITH SILICA GEL

AS + PB

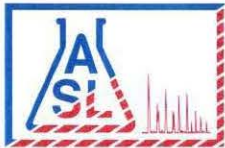
T22 METALS

OCPs

ARCHIVE

ITEM	LAB USE ONLY	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation											Remarks
	Lab ID	Sample ID	Date	Time	#	Type													
		B10-52.5	11/11/19	1225	1	STEEL SLEEVE	SOIL	ICE											X
	1911071-12	B10-55		1227						XX									X
		B10-57.5		1229															
	1911071-13	B10-60		1231						X	XX								X
		B10-62.5		1240															
	1911071-14	B10-65		1242						XX									X
		B10-67.5		1244															
	1911071-15	B10-70		1247						X	XX								X
		B10-72.5		1250															
	1911071-16	B10-75	✓	1252	✓					XX									

Collected By: <u>[Signature]</u>	Date <u>11/11/19</u> Time <u>1620</u>	Relinquished By: <u>[Signature]</u>	Date <u>11/11/19</u> Time <u>1620</u>	TAT
Relinquished By: <u>[Signature]</u>	Date <u>11/12/19</u> Time <u>908</u>	Received For Laboratory <u>Janet chun</u>	Date <u>11-13-19</u> Time <u>10:10</u>	☒ Normal
Received By: _____	Date _____ Time _____	Condition of Sample: _____		☐ Rush



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Page 4 Of 4

COC# **Nº 84427** GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 1911071

Company: <u>SCS</u>		Report To:		ANALYSIS REQUESTED	
Address:		Project Name: <u>CYPRESS CANYON</u>		Address:	
		Site Address:		Invoice To:	
Telephone:		Address:			
Fax:		Project ID:			
Special Instruction: <u>SEE PG 1</u>		Project Manager:		P.O.#:	

ITEM	LAB USE ONLY	SAMPLE DESCRIPTION			Container(s)		Matrix	Preservation									Remarks
	Lab ID	Sample ID	Date	Time	#	Type											
		B10-77.5	11/11/19	#1254	1	STEEL SLEEVE	SOIL	ICE									X
	1911071-17	B10-80	↓	1256	↓	↓	↓	↓		X	XX						
		B10-82.5		1423	↓	↓	↓	↓									X
	1911071-18	B10-85		1425	↓	↓	↓	↓		XX							
		B10-87.5		1427	↓	↓	↓	↓									X
	1911071-19	B10-90		1427	↓	↓	↓	↓		X	XX						
	1911071-20	B10-96		1500	↓	↓	↓	↓		XX							X (15)
	1911071-21	B10-100		1558	↓	↓	↓	↓		X	XX						
		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Collected By: <u>[Signature]</u>	Date <u>11/11/19</u> Time <u>1620</u>	Relinquished By: <u>[Signature]</u>	Date <u>11/11/19</u> Time <u>1620</u>	TAT
Relinquished By: <u>[Signature]</u>	Date <u>11/12/19</u> Time <u>0900</u>	Received For Laboratory: <u>Janet Chen</u>	Date <u>11-13-19</u> Time <u>10:10</u>	☒ Normal
Received By:	Date	Time	Condition of Sample:	☐ Rush

CHAIN OF CUSTODY RECORD



Job# 1911071

ASL Sample Receipt Form

Client: SCS Engineers

Date: 11-13-19

Sample Information:

Temperature: 4-8 °C

☐ Blank ☒ Sample

Custody Seal:

☐ Yes ☒ No ☐ Not Available

Received Within Holding Time:

☒ Yes ☐ No

Container:

Proper Containers and Sufficient Volume:

☒ Yes ☐ No

Soil: ☐ 4oz ☐ 8oz ☒ Sleeve ☐ VOA

Water: ☐ 500AG ☐ 1AG ☐ 125PB ☐ 250PB ☐ 500PB ☐ VOA ☐ Other _____

Air: ☐ Tedlar®

Sample Containers Intact:

☒ Yes ☐ No

Trip Blank

☐ Yes ☒ No

Chain-of-Custody (COC):

Received:

☒ Yes ☐ No

Samplers Name:

☒ Yes ☐ No

Container Labels match COC:

☒ Yes ☐ No

COC documents received complete:

☒ Yes ☐ No

Proper Preservation Noted:

☒ Yes ☐ No

Completed By: Tanet Chin



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego CA, 92123

Project: CYPRESS CANYON
Project Number: 01214253.06
Project Manager: Luke Montague

Work Order No: 1911071
Reported:
11/22/2019 14:37

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B10-2.5	1911071-01	Solid	11/11/2019 11:22	11/13/2019 10:10
B10-5	1911071-02	Solid	11/11/2019 11:24	11/13/2019 10:10
B10-10	1911071-03	Solid	11/11/2019 11:28	11/13/2019 10:10
B10-15	1911071-04	Solid	11/11/2019 11:39	11/13/2019 10:10
B10-20	1911071-05	Solid	11/11/2019 11:43	11/13/2019 10:10
B10-25	1911071-06	Solid	11/11/2019 11:55	11/13/2019 10:10
B10-30	1911071-07	Solid	11/11/2019 11:59	11/13/2019 10:10
B10-35	1911071-08	Solid	11/11/2019 12:08	11/13/2019 10:10
B10-40	1911071-09	Solid	11/11/2019 12:12	11/13/2019 10:10
B10-45	1911071-10	Solid	11/11/2019 12:17	11/13/2019 10:10
B10-50	1911071-11	Solid	11/11/2019 12:21	11/13/2019 10:10
B10-55	1911071-12	Solid	11/11/2019 12:27	11/13/2019 10:10
B10-60	1911071-13	Solid	11/11/2019 12:31	11/13/2019 10:10
B10-65	1911071-14	Solid	11/11/2019 12:42	11/13/2019 10:10
B10-70	1911071-15	Solid	11/11/2019 12:47	11/13/2019 10:10
B10-75	1911071-16	Solid	11/11/2019 12:52	11/13/2019 10:10
B10-80	1911071-17	Solid	11/11/2019 12:56	11/13/2019 10:10
B10-85	1911071-18	Solid	11/11/2019 14:25	11/13/2019 10:10
B10-90	1911071-19	Solid	11/11/2019 14:27	11/13/2019 10:10
B10-96	1911071-20	Solid	11/11/2019 15:00	11/13/2019 10:10
B10-100	1911071-21	Solid	11/11/2019 15:58	11/13/2019 10:10

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Rojert G. Araghi



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Project: CYPRESS CANYON
 Project Number: 01214253.06
 Project Manager: Luke Montague

Work Order No: 1911071
 Reported:
 11/22/2019 14:37

Analytical Results

Client Sample ID: B10-2.5

Laboratory Sample ID: 1911071-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BK90409		Prepared: 11/14/2019 10:15				
Arsenic	1.03		0.250	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Lead	3.79		0.250	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BK90344		Prepared: 11/15/2019 09:00				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	11/15/2019 15:17	ED	8015B
Surrogate: Bromofluorobenzene			105 %	70-120		5030A	11/15/2019 15:17	ED	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BK90326		Prepared: 11/14/2019 09:00				
Diesel range organics	ND		10.0	mg/kg	1	3550B	11/14/2019 17:21	OZ	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	11/14/2019 17:21	OZ	8015B
Surrogate: Chlorobenzene			97.5 %	70-120		3550B	11/14/2019 17:21	OZ	8015B
Organochlorine Pesticides			Batch ID: BK90419		Prepared: 11/15/2019 08:34				
Aldrin	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
gamma-Chlordane	3.33		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
alpha-Chlordane	8.34		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
4,4'-DDE	25.4		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3545	11/15/2019 20:16	AY	8081A
Surrogate: Decachlorobiphenyl			78.2 %	43-169		3545	11/15/2019 20:16	AY	8081A

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SCS Engineers

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San Diego CA, 92123

Project: CYPRESS CANYON

Project Number: 01214253.06

Project Manager: Luke Montague

Work Order No: 1911071

Reported:

11/22/2019 14:37

Analytical Results

Client Sample ID: B10-5

Laboratory Sample ID: 1911071-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals			Batch ID: BK90409		Prepared: 11/14/2019 10:15				
Arsenic	1.69		0.250	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Lead	4.79		0.250	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BK90344		Prepared: 11/15/2019 09:00				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	11/15/2019 15:47	ED	8015B
Surrogate: Bromofluorobenzene		112 %		70-120		5030A	11/15/2019 15:47	ED	8015B
Total Petroleum Hydrocarbons(TPH DROORO)			Batch ID: BK90326		Prepared: 11/14/2019 09:00				
Diesel range organics	ND		10.0	mg/kg	1	3550B	11/14/2019 18:04	OZ	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	11/14/2019 18:04	OZ	8015B
Surrogate: Chlorobenzene		102 %		70-120		3550B	11/14/2019 18:04	OZ	8015B

Analytical Results

Client Sample ID: B10-10

Laboratory Sample ID: 1911071-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)			Batch ID: BK90408		Prepared: 11/14/2019 11:08				
Mercury	ND		0.0500	mg/kg	1	7471A	11/15/2019 12:10	LVE	7471A
Total ICP Metals			Batch ID: BK90409		Prepared: 11/14/2019 10:15				
Antimony	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Arsenic	5.03		0.250	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Barium	104		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Cadmium	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Chromium	13.3		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Cobalt	5.86		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Copper	13.3		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Lead	13.3		0.250	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Nickel	5.47		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Vanadium	34.0		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Zinc	41.9		0.500	mg/kg	1	3050B	11/15/2019 17:12	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)			Batch ID: BK90344		Prepared: 11/15/2019 09:00				
Gasoline Range Organics	ND		500	ug/kg	1	5030A	11/15/2019 16:16	ED	8015B

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