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ANALYTICAL REPORT

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Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-240983-1
Client Project/Site: TCLP

For:
City of Oceanside
Water Utilities Laboratory
3950 North River Road
Oceanside, California 92058

Attn: Luke Christian

Authorized for release by:
7/18/2019 12:52:56 PM

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LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-240983-1	SLR CAKE	Solid	05/07/19 13:45	05/08/19 17:10	
440-240983-2	SLR GRIT	Solid	05/08/19 07:50	05/08/19 17:10	
440-240983-3	LS CAKE	Solid	05/06/19 10:30	05/08/19 17:10	
440-240983-4	LS GRIT	Solid	05/06/19 10:40	05/08/19 17:10	

Client Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: SLR CAKE

Date Collected: 05/07/19 13:45
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-1

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid	ND		0.10	0.10	mL/100g			05/10/19 16:20	1
Total Solids	**22**		0.050	0.050	%			05/10/19 22:45	1

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,1-Trichloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2,2-Tetrachloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2-Trichloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloropropene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichloropropane	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trimethylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromo-3-Chloropropane	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromoethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloroethane	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3,5-Trimethylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,4-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2,2-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Butanone	ND		2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Chlorotoluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Hexanone	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Chlorotoluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Methyl-2-Pentanone	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Acetone	ND		2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Benzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromochloromethane	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromodichloromethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromoform	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromomethane	ND		5000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,2-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,3-Dichloropropene	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Disulfide	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Tetrachloride	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroethane	ND		300		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroform	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloromethane	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromochloromethane	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromomethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dichlorodifluoromethane	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Ethylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Client Sample ID: SLR CAKE

Date Collected: 05/07/19 13:45
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-1
Matrix: Solid

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methylene Chloride	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methyl-t-Butyl Ether (MTBE)	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Naphthalene	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Propylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
o-Xylene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p/m-Xylene	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p-Isopropyltoluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
sec-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Styrene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,2-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,3-Dichloropropene	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
tert-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Tetrachloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Toluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichlorofluoromethane	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Acetate	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Chloride	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*80 - 134*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
1,4-Bromofluorobenzene	*99*		*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Dibromofluoromethane	*99*		*80 - 126*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Toluene-d8	*101*		*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3-Dichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,4-Dichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1-Methylnaphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,5-Trichlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,6-Trichlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dichlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dimethylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrophenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrotoluene	ND		130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,6-Dinitrotoluene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chloronaphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylnaphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitroaniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitrophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3,3'-Dichlorobenzidine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3/4-Methylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3-Nitroaniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: SLR CAKE

Date Collected: 05/07/19 13:45
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-1
Matrix: Solid

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-Methylphenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Bromophenyl-Phenyl Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloro-3-Methylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloroaniline	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chlorophenyl-Phenyl Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitroaniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitrophenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthylene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Aniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Anthracene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Azobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzidine	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Anthracene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Pyrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (b) Fluoranthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (g,h,i) Perylene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (k) Fluoranthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzoic Acid	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzyl Alcohol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethoxy) Methane	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethyl) Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroisopropyl) Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Ethylhexyl) Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Butyl Benzyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chrysene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenz (a,h) Anthracene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenzofuran	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Diethyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dimethyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Butyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Octyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluoranthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluorene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloro-1,3-Butadiene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorobenzene	ND		130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorocyclopentadiene	ND		2500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloroethane	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Indeno (1,2,3-c,d) Pyrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Isophorone	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Naphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Nitrobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodimethylamine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitroso-di-n-propylamine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodiphenylamine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pentachlorophenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenanthrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pyrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: SLR CAKE

Lab Sample ID: 440-240983-1

Date Collected: 05/07/19 13:45
Matrix: Solid
Date Received: 05/08/19 17:10

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*41 - 137*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorobiphenyl	*75*		*33 - 117*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorophenol	*44*		*23 - 77*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Nitrobenzene-d5	*75*		*38 - 122*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Phenol-d6	*32*		*16 - 52*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
p-Terphenyl-d14	*85*		*45 - 129*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Arsenic	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Barium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Beryllium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cadmium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Chromium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cobalt	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Copper	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Lead	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Mercury	ND		0.00500		mg/L		05/21/19 00:00	05/22/19 00:00	1.00
Molybdenum	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Nickel	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Selenium	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Silver	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Thallium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Vanadium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Zinc	ND		2.50		mg/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: SLR CAKE

Lab Sample ID: 440-240983-1

Date Collected: 05/07/19 13:45
Matrix: Solid
Date Received: 05/08/19 17:10
Percent Solids: 22.4

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		350000	180000	ug/Kg	☼	05/14/19 15:40	05/15/19 10:14	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*65 - 140*	*05/14/19 15:40*	*05/15/19 10:14*	*100*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	**6300**		450	220	mg/Kg	☼	05/11/19 07:17	05/13/19 14:22	20
DRO (C13-C28)	**6000**		450	220	mg/Kg	☼	05/11/19 07:17	05/13/19 14:22	20
C13-C40	**12000**	**B**	450	220	mg/Kg	☼	05/11/19 07:17	05/13/19 14:22	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*193*	*X*	*40 - 140*	*05/11/19 07:17*	*05/13/19 14:22*	*20*

Client Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: SLR GRIT

Date Collected: 05/08/19 07:50
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-2

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid	ND		0.10	0.10	mL/100g			05/10/19 16:20	1
Total Solids	**36**		0.050	0.050	%			05/10/19 22:45	1

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,1-Trichloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2,2-Tetrachloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2-Trichloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloropropene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichloropropane	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trimethylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromo-3-Chloropropane	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromoethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloroethane	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3,5-Trimethylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,4-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2,2-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Butanone	ND		2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Chlorotoluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Hexanone	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Chlorotoluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Methyl-2-Pentanone	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Acetone	ND		2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Benzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromochloromethane	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromodichloromethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromoform	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromomethane	ND		5000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,2-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,3-Dichloropropene	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Disulfide	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Tetrachloride	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chlorobenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroethane	ND		300		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroform	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloromethane	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromochloromethane	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromomethane	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dichlorodifluoromethane	ND		500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Ethylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Client Sample ID: SLR GRIT

Date Collected: 05/08/19 07:50
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-2

Matrix: Solid

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methylene Chloride	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methyl-t-Butyl Ether (MTBE)	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Naphthalene	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Propylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
o-Xylene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p/m-Xylene	ND		200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p-Isopropyltoluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
sec-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Styrene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,2-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,3-Dichloropropene	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
tert-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Tetrachloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Toluene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichloroethene	ND		100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichlorofluoromethane	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Acetate	ND		1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Chloride	ND		50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*80 - 134*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
1,4-Bromofluorobenzene	*99*		*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Dibromofluoromethane	*98*		*80 - 126*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Toluene-d8	*101*		*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3-Dichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,4-Dichlorobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1-Methylnaphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,5-Trichlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,6-Trichlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dichlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dimethylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrophenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrotoluene	ND		130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,6-Dinitrotoluene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chloronaphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chlorophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylnaphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitroaniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitrophenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3,3'-Dichlorobenzidine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3/4-Methylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3-Nitroaniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: SLR GRIT
Date Collected: 05/08/19 07:50
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-2
Matrix: Solid

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-Methylphenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Bromophenyl-Phenyl Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloro-3-Methylphenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloroaniline	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chlorophenyl-Phenyl Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitroaniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitrophenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthylene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Aniline	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Anthracene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Azobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzidine	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Anthracene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Pyrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (b) Fluoranthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (g,h,i) Perylene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (k) Fluoranthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzoic Acid	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzyl Alcohol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethoxy) Methane	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethyl) Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroisopropyl) Ether	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Ethylhexyl) Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Butyl Benzyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chrysene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenz (a,h) Anthracene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenzofuran	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Diethyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dimethyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Butyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Octyl Phthalate	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluoranthene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluorene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloro-1,3-Butadiene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorobenzene	ND		130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorocyclopentadiene	ND		2500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloroethane	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Indeno (1,2,3-c,d) Pyrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Isophorone	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Naphthalene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Nitrobenzene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodimethylamine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitroso-di-n-propylamine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodiphenylamine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pentachlorophenol	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenanthrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenol	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pyrene	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: SLR GRIT

Date Collected: 05/08/19 07:50
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-2
Matrix: Solid

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND		250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*41 - 137*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorobiphenyl	*88*		*33 - 117*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorophenol	*61*		*23 - 77*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Nitrobenzene-d5	*98*		*38 - 122*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Phenol-d6	*40*		*16 - 52*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
p-Terphenyl-d14	*93*		*45 - 129*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Arsenic	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Barium	**0.124**		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Beryllium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cadmium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Chromium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cobalt	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Copper	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Lead	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Mercury	ND		0.00500		mg/L		05/21/19 00:00	05/22/19 00:00	1.00
Molybdenum	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Nickel	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Selenium	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Silver	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Thallium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Vanadium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Zinc	ND		2.50		mg/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: SLR GRIT

Date Collected: 05/08/19 07:50
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-2
Matrix: Solid
Percent Solids: 35.6

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		220000	110000	ug/Kg	☼	05/14/19 15:40	05/15/19 10:41	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*		*65 - 140*	*05/14/19 15:40*	*05/15/19 10:41*	*100*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	**1500**		560	280	mg/Kg	☼	05/11/19 07:17	05/13/19 14:43	20
DRO (C13-C28)	**5400**		560	280	mg/Kg	☼	05/11/19 07:17	05/13/19 14:43	20
C13-C40	**6900**	**B**	560	280	mg/Kg	☼	05/11/19 07:17	05/13/19 14:43	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*174*	*X*	*40 - 140*	*05/11/19 07:17*	*05/13/19 14:43*	*20*

Client Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: LS CAKE

Date Collected: 05/06/19 10:30
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-3

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid	ND		0.10	0.10	mL/100g			05/10/19 16:20	1
Total Solids	**16**		0.050	0.050	%			05/10/19 22:45	1

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,1-Trichloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2,2-Tetrachloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2-Trichloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloropropene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichloropropane	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trimethylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromo-3-Chloropropane	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromoethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloroethane	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloropropane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3,5-Trimethylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichloropropane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,4-Dichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2,2-Dichloropropane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Butanone	ND	ET 39-P	2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Chlorotoluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Hexanone	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Chlorotoluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Methyl-2-Pentanone	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Acetone	ND	ET 39-P	2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Benzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromochloromethane	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromodichloromethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromoform	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromomethane	ND	ET 39-P	5000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,2-Dichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,3-Dichloropropene	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Disulfide	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Tetrachloride	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroethane	ND	ET 39-P	300		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroform	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloromethane	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromochloromethane	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromomethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dichlorodifluoromethane	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Ethylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Client Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: LS CAKE

Date Collected: 05/06/19 10:30
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-3

Matrix: Solid

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methylene Chloride	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methyl-t-Butyl Ether (MTBE)	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Naphthalene	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Butylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Propylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
o-Xylene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p/m-Xylene	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p-Isopropyltoluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
sec-Butylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Styrene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,2-Dichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,3-Dichloropropene	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
tert-Butylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Tetrachloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Toluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichlorofluoromethane	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Acetate	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Chloride	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*	*39-P*	*80 - 134*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
1,4-Bromofluorobenzene	*98*	*39-P*	*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Dibromofluoromethane	*99*	*39-P*	*80 - 126*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Toluene-d8	*102*	*39-P*	*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3-Dichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,4-Dichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1-Methylnaphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,5-Trichlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,6-Trichlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dichlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dimethylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrophenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrotoluene	ND	ET 39-P	130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,6-Dinitrotoluene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chloronaphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylnaphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitroaniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitrophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3,3'-Dichlorobenzidine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3/4-Methylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3-Nitroaniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: LS CAKE
Date Collected: 05/06/19 10:30
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-3
Matrix: Solid

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-Methylphenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Bromophenyl-Phenyl Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloro-3-Methylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloroaniline	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chlorophenyl-Phenyl Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitroaniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitrophenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthylene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Aniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Anthracene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Azobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzidine	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Anthracene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Pyrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (b) Fluoranthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (g,h,i) Perylene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (k) Fluoranthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzoic Acid	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzyl Alcohol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethoxy) Methane	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethyl) Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroisopropyl) Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Ethylhexyl) Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Butyl Benzyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chrysene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenz (a,h) Anthracene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenzofuran	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Diethyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dimethyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Butyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Octyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluoranthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluorene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloro-1,3-Butadiene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorobenzene	ND	ET 39-P	130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorocyclopentadiene	ND	ET 39-P	2500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloroethane	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Indeno (1,2,3-c,d) Pyrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Isophorone	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Naphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Nitrobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodimethylamine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitroso-di-n-propylamine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodiphenylamine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pentachlorophenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenanthrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pyrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: LS CAKE

Lab Sample ID: 440-240983-3
Date Collected: 05/06/19 10:30
Matrix: Solid
Date Received: 05/08/19 17:10

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*	*39-P*	*41 - 137*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorobiphenyl	*76*	*39-P*	*33 - 117*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorophenol	*49*	*39-P*	*23 - 77*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Nitrobenzene-d5	*83*	*39-P*	*38 - 122*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Phenol-d6	*32*	*39-P*	*16 - 52*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
p-Terphenyl-d14	*83*	*39-P*	*45 - 129*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Arsenic	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Barium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Beryllium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cadmium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Chromium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cobalt	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Copper	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Lead	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Mercury	ND		0.00500		mg/L		05/21/19 00:00	05/22/19 00:00	1.00
Molybdenum	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Nickel	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Selenium	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Silver	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Thallium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Vanadium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Zinc	ND		2.50		mg/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: LS CAKE

Lab Sample ID: 440-240983-3
Date Collected: 05/06/19 10:30
Matrix: Solid
Date Received: 05/08/19 17:10
Percent Solids: 16.1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	**730000**		490000	240000	ug/Kg	☼	05/14/19 15:40	05/15/19 12:23	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*65 - 140*	*05/14/19 15:40*	*05/15/19 12:23*	*100*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	**5500**		620	310	mg/Kg	☼	05/11/19 07:17	05/13/19 15:05	10
DRO (C13-C28)	**4500**		620	310	mg/Kg	☼	05/11/19 07:17	05/13/19 15:05	10
C13-C40	**10000**	**B**	620	310	mg/Kg	☼	05/11/19 07:17	05/13/19 15:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*155*	*X*	*40 - 140*	*05/11/19 07:17*	*05/13/19 15:05*	*10*

Client Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: LS GRIT

Date Collected: 05/06/19 10:40
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-4

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid	ND		0.10	0.10	mL/100g			05/10/19 16:20	1
Total Solids	**51**		0.050	0.050	%			05/10/19 22:45	1

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,1-Trichloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2,2-Tetrachloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1,2-Trichloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,1-Dichloropropene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,3-Trichloropropane	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2,4-Trimethylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromo-3-Chloropropane	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dibromoethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloroethane	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,2-Dichloropropane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3,5-Trimethylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,3-Dichloropropane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
1,4-Dichlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2,2-Dichloropropane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Butanone	ND	ET 39-P	2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Chlorotoluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
2-Hexanone	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Chlorotoluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
4-Methyl-2-Pentanone	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Acetone	ND	ET 39-P	2000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Benzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromochloromethane	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromodichloromethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromoform	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Bromomethane	ND	ET 39-P	5000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,2-Dichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
c-1,3-Dichloropropene	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Disulfide	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Carbon Tetrachloride	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chlorobenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroethane	ND	ET 39-P	300		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloroform	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Chloromethane	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromochloromethane	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dibromomethane	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Dichlorodifluoromethane	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Ethylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Client Sample ID: LS GRIT

Date Collected: 05/06/19 10:40
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-4
Matrix: Solid

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methylene Chloride	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Methyl-t-Butyl Ether (MTBE)	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Naphthalene	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Butylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
n-Propylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
o-Xylene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p/m-Xylene	ND	ET 39-P	200		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
p-Isopropyltoluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
sec-Butylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Styrene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,2-Dichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
t-1,3-Dichloropropene	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
tert-Butylbenzene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Tetrachloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Toluene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichloroethene	ND	ET 39-P	100		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Trichlorofluoromethane	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Acetate	ND	ET 39-P	1000		ug/L		05/21/19 00:00	05/24/19 00:00	1.00
Vinyl Chloride	ND	ET 39-P	50		ug/L		05/21/19 00:00	05/24/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*97*	*39-P*	*80 - 134*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
1,4-Bromofluorobenzene	*98*	*39-P*	*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Dibromofluoromethane	*98*	*39-P*	*80 - 126*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*
Toluene-d8	*101*	*39-P*	*80 - 120*	*05/21/19 00:00*	*05/24/19 00:00*	*1.00*

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3-Dichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,4-Dichlorobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1-Methylnaphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,5-Trichlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4,6-Trichlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dichlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dimethylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrophenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrotoluene	ND	ET 39-P	130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,6-Dinitrotoluene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chloronaphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chlorophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylnaphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Methylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitroaniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Nitrophenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3,3'-Dichlorobenzidine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3/4-Methylphenol	**380**	**ET 39-P**	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
3-Nitroaniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: LS GRIT
Date Collected: 05/06/19 10:40
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-4
Matrix: Solid

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-Methylphenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Bromophenyl-Phenyl Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloro-3-Methylphenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chloroaniline	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chlorophenyl-Phenyl Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitroaniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Nitrophenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acenaphthylene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Aniline	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Anthracene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Azobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzidine	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Anthracene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (a) Pyrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (b) Fluoranthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (g,h,i) Perylene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzo (k) Fluoranthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzoic Acid	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzyl Alcohol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethoxy) Methane	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethyl) Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroisopropyl) Ether	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bis(2-Ethylhexyl) Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Butyl Benzyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chrysene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenz (a,h) Anthracene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibenzofuran	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Diethyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dimethyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Butyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Di-n-Octyl Phthalate	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluoranthene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Fluorene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloro-1,3-Butadiene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorobenzene	ND	ET 39-P	130		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachlorocyclopentadiene	ND	ET 39-P	2500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Hexachloroethane	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Indeno (1,2,3-c,d) Pyrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Isophorone	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Naphthalene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Nitrobenzene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodimethylamine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitroso-di-n-propylamine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
N-Nitrosodiphenylamine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pentachlorophenol	ND	ET 39-P	500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenanthrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Phenol	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Pyrene	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: LS GRIT
Date Collected: 05/06/19 10:40
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-4
Matrix: Solid

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND	ET 39-P	250		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*	*39-P*	*41 - 137*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorobiphenyl	*89*	*39-P*	*33 - 117*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorophenol	*58*	*39-P*	*23 - 77*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Nitrobenzene-d5	*96*	*39-P*	*38 - 122*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Phenol-d6	*37*	*39-P*	*16 - 52*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
p-Terphenyl-d14	*88*	*39-P*	*45 - 129*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Arsenic	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Barium	**0.265**		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Beryllium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cadmium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Chromium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cobalt	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Copper	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Lead	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Mercury	ND		0.00500		mg/L		05/21/19 00:00	05/22/19 00:00	1.00
Molybdenum	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Nickel	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Selenium	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Silver	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Thallium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Vanadium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Zinc	ND		2.50		mg/L		05/21/19 00:00	05/23/19 00:00	1.00

Client Sample ID: LS GRIT
Date Collected: 05/06/19 10:40
Date Received: 05/08/19 17:10

Lab Sample ID: 440-240983-4
Matrix: Solid
Percent Solids: 50.7

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		160000	78000	ug/Kg	☼	05/14/19 15:40	05/15/19 12:50	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*65 - 140*	*05/14/19 15:40*	*05/15/19 12:50*	*100*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	**2000**		390	200	mg/Kg	☼	05/11/19 07:17	05/13/19 15:27	20
DRO (C13-C28)	**6900**		390	200	mg/Kg	☼	05/11/19 07:17	05/13/19 15:27	20
C13-C40	**8900**	**B**	390	200	mg/Kg	☼	05/11/19 07:17	05/13/19 15:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*153*	*X*	*40 - 140*	*05/11/19 07:17*	*05/13/19 15:27*	*20*

Method Summary

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Method	Method Description	Protocol	Laboratory
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
9095A	Paint Filter	SW846	TAL IRV
Moisture	Percent Moisture	EPA	TAL IRV
SM 2540G	Total, Fixed, and Volatile Solids	SM	TAL IRV
3546	Microwave Extraction	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: SLR CAKE

Lab Sample ID: 440-240983-1
Date Collected: 05/07/19 13:45
Matrix: Solid
Date Received: 05/08/19 17:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095A		1			545746	05/10/19 16:20	CTH	TAL IRV
Total/NA	Analysis	Moisture		1			545823	05/10/19 22:45	QTN	TAL IRV
Total/NA	Analysis	SM 2540G		1			546429	05/10/19 22:45	KM	TAL IRV
Total/NA	Prep	EPA 1311		1			523L039_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins TCLP 8260 Full/Oxy/Ketones		1.00			523L039	05/24/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			0522L09_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP 8270		1.00			0522L09	05/23/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			522LA3A_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			522LA3A	05/22/19 00:00	LP	SC0074
Total/NA	Prep	EPA 1311		1			0522LA1_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			0522LA1	05/23/19 00:00	IRS	SC0074

Client Sample ID: SLR CAKE

Lab Sample ID: 440-240983-1
Date Collected: 05/07/19 13:45
Matrix: Solid
Date Received: 05/08/19 17:10
Percent Solids: 22.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.08 g	10 mL	546440	05/14/19 15:40	HKC	TAL IRV
Total/NA	Analysis	8015B		100	10 mL	10 mL	546574	05/15/19 10:14	IM	TAL IRV
Total/NA	Prep	3546			15.00 g	1 mL	545853	05/11/19 07:17	FTD	TAL IRV
Total/NA	Analysis	8015B		20			546029	05/13/19 14:22	LMB	TAL IRV

Client Sample ID: SLR GRIT

Lab Sample ID: 440-240983-2
Date Collected: 05/08/19 07:50
Matrix: Solid
Date Received: 05/08/19 17:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095A		1			545746	05/10/19 16:20	CTH	TAL IRV
Total/NA	Analysis	Moisture		1			545823	05/10/19 22:45	QTN	TAL IRV
Total/NA	Analysis	SM 2540G		1			546429	05/10/19 22:45	KM	TAL IRV
Total/NA	Prep	EPA 1311		1			523L039_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins TCLP 8260 Full/Oxy/Ketones		1.00			523L039	05/24/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			0522L09_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP 8270		1.00			0522L09	05/23/19 00:00	MCH	SC0074

Lab Chronicle

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: SLR GRIT

Lab Sample ID: 440-240983-2
Date Collected: 05/08/19 07:50
Matrix: Solid
Date Received: 05/08/19 17:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 1311		1			522LA3A_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			522LA3A	05/22/19 00:00	LP	SC0074
Total/NA	Prep	EPA 1311		1			0522LA1_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			0522LA1	05/23/19 00:00	IRS	SC0074

Client Sample ID: SLR GRIT

Lab Sample ID: 440-240983-2
Date Collected: 05/08/19 07:50
Matrix: Solid
Date Received: 05/08/19 17:10
Percent Solids: 35.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.07 g	10 mL	546440	05/14/19 15:40	HKC	TAL IRV
Total/NA	Analysis	8015B		100	10 mL	10 mL	546574	05/15/19 10:41	IM	TAL IRV
Total/NA	Prep	3546			15.02 g	2 mL	545853	05/11/19 07:17	FTD	TAL IRV
Total/NA	Analysis	8015B		20			546029	05/13/19 14:43	LMB	TAL IRV

Client Sample ID: LS CAKE

Lab Sample ID: 440-240983-3
Date Collected: 05/06/19 10:30
Matrix: Solid
Date Received: 05/08/19 17:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095A		1			545746	05/10/19 16:20	CTH	TAL IRV
Total/NA	Analysis	Moisture		1			545823	05/10/19 22:45	QTN	TAL IRV
Total/NA	Analysis	SM 2540G		1			546429	05/10/19 22:45	KM	TAL IRV
Total/NA	Prep	EPA 1311		1			523L039_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins TCLP 8260 Full/Oxy/Ketones		1.00			523L039	05/24/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			0522L09_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP 8270		1.00			0522L09	05/23/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			522LA3A_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			522LA3A	05/22/19 00:00	LP	SC0074
Total/NA	Prep	EPA 1311		1			0522LA1_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			0522LA1	05/23/19 00:00	IRS	SC0074

Lab Chronicle

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Client Sample ID: LS CAKE

Lab Sample ID: 440-240983-3
Date Collected: 05/06/19 10:30
Matrix: Solid
Date Received: 05/08/19 17:10
Percent Solids: 16.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.08 g	10 mL	546440	05/14/19 15:40	HKC	TAL IRV
Total/NA	Analysis	8015B		100	10 mL	10 mL	546574	05/15/19 12:23	IM	TAL IRV
Total/NA	Prep	3546			15.01 g	2 mL	545853	05/11/19 07:17	FTD	TAL IRV
Total/NA	Analysis	8015B		10			546029	05/13/19 15:05	LMB	TAL IRV

Client Sample ID: LS GRIT

Lab Sample ID: 440-240983-4
Date Collected: 05/06/19 10:40
Matrix: Solid
Date Received: 05/08/19 17:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095A		1			545746	05/10/19 16:20	CTH	TAL IRV
Total/NA	Analysis	Moisture		1			545823	05/10/19 22:45	QTN	TAL IRV
Total/NA	Analysis	SM 2540G		1			546429	05/10/19 22:45	KM	TAL IRV
Total/NA	Prep	EPA 1311		1			523L039_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins TCLP 8260 Full/Oxy/Ketones		1.00			523L039	05/24/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			0522L09_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP 8270		1.00			0522L09	05/23/19 00:00	MCH	SC0074
Total/NA	Prep	EPA 1311		1			522LA3A_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			522LA3A	05/22/19 00:00	LP	SC0074
Total/NA	Prep	EPA 1311		1			0522LA1_P	05/21/19 00:00		SC0074
Total/NA	Analysis	Eurofins-TCLP CAM17 full list		1.00			0522LA1	05/23/19 00:00	IRS	SC0074

Client Sample ID: LS GRIT

Lab Sample ID: 440-240983-4
Date Collected: 05/06/19 10:40
Matrix: Solid
Date Received: 05/08/19 17:10
Percent Solids: 50.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.06 g	10 mL	546440	05/14/19 15:40	HKC	TAL IRV
Total/NA	Analysis	8015B		100	10 mL	10 mL	546574	05/15/19 12:50	IM	TAL IRV
Total/NA	Prep	3546			15.03 g	2 mL	545853	05/11/19 07:17	FTD	TAL IRV
Total/NA	Analysis	8015B		20			546029	05/13/19 15:27	LMB	TAL IRV

Laboratory References:

TAL IRV = Eurofins TestAmerica, Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-546574/5
Matrix: Solid
Analysis Batch: 546574

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		40000	20000	ug/Kg			05/15/19 09:20	100

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*65 - 140*		*05/15/19 09:20*	*100*

Lab Sample ID: LCS 440-546574/3
Matrix: Solid
Analysis Batch: 546574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	160000	144000		ug/Kg		90	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*65 - 140*

Lab Sample ID: LCSD 440-546574/4
Matrix: Solid
Analysis Batch: 546574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	160000	145000		ug/Kg		90	70 - 135	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*65 - 140*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-545853/1-A
Matrix: Solid
Analysis Batch: 546029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 545853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0	2.5	mg/Kg		05/11/19 07:17	05/13/19 10:45	1
DRO (C13-C28)	ND		5.0	2.5	mg/Kg		05/11/19 07:17	05/13/19 10:45	1
C13-C40	3.69	J	5.0	2.5	mg/Kg		05/11/19 07:17	05/13/19 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*85*		*40 - 140*	*05/11/19 07:17*	*05/13/19 10:45*	*1*

Lab Sample ID: LCS 440-545853/2-A
Matrix: Solid
Analysis Batch: 546029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 545853

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
EFH (C10-C28)	66.7	57.1		mg/Kg		86	45 - 115

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 440-545853/2-A
Matrix: Solid
Analysis Batch: 546029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 545853

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane	87		40 - 140

Lab Sample ID: 440-241050-B-1-A MS
Matrix: Solid
Analysis Batch: 546029

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 545853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
EFH (C10-C28)	340		79.9	326	4	mg/Kg	☼	-19	40 - 120		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane	86		40 - 140

Lab Sample ID: 440-241050-B-1-B MSD
Matrix: Solid
Analysis Batch: 546029

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 545853

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
EFH (C10-C28)	340		80.0	415	4	mg/Kg	☼	93	40 - 120	24	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane	89		40 - 140

Method: 9095A - Paint Filter

Lab Sample ID: 440-240983-1 DU
Matrix: Solid
Analysis Batch: 545746

Client Sample ID: SLR CAKE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	ND			ND		mL/100g				NC	20

Method: SM 2540G - Total, Fixed, and Volatile Solids

Lab Sample ID: 440-240983-1 DU
Matrix: Solid
Analysis Batch: 546429

Client Sample ID: SLR CAKE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Solids	22			22.8		%				2	10

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260

Lab Sample ID: 099145191806MB
Matrix: Water
Analysis Batch: 523L039

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 523L039_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		200		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,1,1-Trichloroethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Lab Sample ID: 099145191806MB
Matrix: Water
Analysis Batch: 523L039

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 523L039_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,1,2-Trichloroethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,1-Dichloroethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,1-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,1-Dichloropropene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2,3-Trichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2,3-Trichloropropane	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2,4-Trichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2,4-Trimethylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dibromo-3-Chloropropane	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dibromoethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichloroethane	ND		50		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,2-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3,5-Trimethylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,3-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
1,4-Dichlorobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2,2-Dichloropropane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Butanone	ND		2000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Chlorotoluene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
2-Hexanone	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Chlorotoluene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
4-Methyl-2-Pentanone	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Acetone	ND		2000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Benzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bromobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bromochloromethane	ND		200		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bromodichloromethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bromoform	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Bromomethane	ND		5000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
c-1,2-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
c-1,3-Dichloropropene	ND		50		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Carbon Disulfide	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Carbon Tetrachloride	ND		50		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chlorobenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chloroethane	ND		300		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chloroform	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Chloromethane	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibromochloromethane	ND		200		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dibromomethane	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Dichlorodifluoromethane	ND		500		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Ethylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Isopropylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Methylene Chloride	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Methyl-t-Butyl Ether (MTBE)	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Naphthalene	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
n-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
n-Propylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Lab Sample ID: 099145191806MB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 523L039 — **Prep Batch: 523L039_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
p/m-Xylene	ND		200		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
p-Isopropyltoluene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
sec-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Styrene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
t-1,2-Dichloroethene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
t-1,3-Dichloropropene	ND		50		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
tert-Butylbenzene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Tetrachloroethene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Toluene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Trichloroethene	ND		100		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Trichlorofluoromethane	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Vinyl Acetate	ND		1000		ug/L		05/21/19 00:00	05/23/19 00:00	1.00
Vinyl Chloride	ND		50		ug/L		05/21/19 00:00	05/23/19 00:00	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*80 - 134*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
1,4-Bromofluorobenzene	*98*		*80 - 120*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Dibromofluoromethane	*98*		*80 - 126*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*
Toluene-d8	*100*		*80 - 120*	*05/21/19 00:00*	*05/23/19 00:00*	*1.00*

Lab Sample ID: 099145191806LCD — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 523L039 — **Prep Batch: 523L039_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.00	48.82		ug/L		98	71 - 131	0	20
1,2-Dibromoethane	50.00	51.97		ug/L		104	80 - 120	1	20
1,2-Dichlorobenzene	50.00	51.68		ug/L		103	80 - 120	1	20
1,2-Dichloroethane	50.00	46.92		ug/L		94	80 - 129	1	20
Benzene	50.00	51.60		ug/L		103	80 - 120	2	20
Carbon Tetrachloride	50.00	50.14		ug/L		100	66 - 138	2	20
Chlorobenzene	50.00	51.56		ug/L		103	80 - 120	1	20
Ethylbenzene	50.00	53.33		ug/L		107	80 - 123	2	20
Methyl-t-Butyl Ether (MTBE)	50.00	43.16		ug/L		86	72 - 126	2	22
o-Xylene	50.00	52.55		ug/L		105	75 - 125	2	25
p/m-Xylene	100.0	102.8		ug/L		103	75 - 125	1	25
Toluene	50.00	51.85		ug/L		104	79 - 121	1	20
Trichloroethene	50.00	51.32		ug/L		103	80 - 120	2	20
Vinyl Chloride	50.00	49.15		ug/L		98	70 - 136	1	20

Lab Sample ID: 099145191806LCS — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 523L039 — **Prep Batch: 523L039_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.00	48.61		ug/L		97	71 - 131
1,2-Dibromoethane	50.00	51.52		ug/L		103	80 - 120
1,2-Dichlorobenzene	50.00	52.08		ug/L		104	80 - 120

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - TCLP Volatiles by 8260 (Continued)

Lab Sample ID: 099145191806LCS — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 523L039 — **Prep Batch: 523L039_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.00	47.39		ug/L		95	80 - 129
Benzene	50.00	50.74		ug/L		101	80 - 120
Carbon Tetrachloride	50.00	49.12		ug/L		98	66 - 138
Chlorobenzene	50.00	50.86		ug/L		102	80 - 120
Ethylbenzene	50.00	52.05		ug/L		104	80 - 123
Methyl-t-Butyl Ether (MTBE)	50.00	43.98		ug/L		88	72 - 126
o-Xylene	50.00	51.75		ug/L		104	75 - 125
p/m-Xylene	100.0	101.6		ug/L		102	75 - 125
Toluene	50.00	51.21		ug/L		102	79 - 121
Trichloroethene	50.00	50.29		ug/L		101	80 - 120
Vinyl Chloride	50.00	48.48		ug/L		97	70 - 136

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - Eurofins TCLP 8260 Full/Oxy/Ketones

Lab Sample ID: 190514681MS — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 523L038 — **Prep Batch: 523L038_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		5000	5164		ug/L		103	70 - 130
1,2-Dibromoethane	ND		5000	4989		ug/L		100	80 - 123
1,2-Dichlorobenzene	ND		5000	5071		ug/L		101	76 - 120
1,2-Dichloroethane	ND		5000	4718		ug/L		94	76 - 130
Benzene	ND		5000	5337		ug/L		107	78 - 120
Carbon Tetrachloride	ND		5000	5438		ug/L		109	67 - 139
Chlorobenzene	ND		5000	5128		ug/L		103	80 - 120
Ethylbenzene	ND		5000	5335		ug/L		107	73 - 127
Methyl-t-Butyl Ether (MTBE)	ND		5000	4356		ug/L		87	69 - 123
o-Xylene	ND		5000	5301		ug/L		106	70 - 130
p/m-Xylene	ND		10000	10430		ug/L		104	70 - 130
Toluene	ND		5000	5393		ug/L		108	72 - 126
Trichloroethene	ND		5000	5229		ug/L		105	74 - 122
Vinyl Chloride	ND		5000	5404		ug/L		108	65 - 131

Lab Sample ID: 190514681MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 523L038 — **Prep Batch: 523L038_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		5000	5319		ug/L		106	70 - 130	3	27
1,2-Dibromoethane	ND		5000	4842		ug/L		97	80 - 123	3	20
1,2-Dichlorobenzene	ND		5000	5055		ug/L		101	76 - 120	0	20
1,2-Dichloroethane	ND		5000	4640		ug/L		93	76 - 130	2	20
Benzene	ND		5000	5296		ug/L		106	78 - 120	1	20
Carbon Tetrachloride	ND		5000	5323		ug/L		106	67 - 139	2	20
Chlorobenzene	ND		5000	5127		ug/L		103	80 - 120	0	20
Ethylbenzene	ND		5000	5301		ug/L		106	73 - 127	1	20
Methyl-t-Butyl Ether (MTBE)	ND		5000	4229		ug/L		85	69 - 123	3	20
o-Xylene	ND		5000	5237		ug/L		105	70 - 130	1	30

Method: Eurofins TCLP 8260 Full/Oxy/Ketones - Eurofins TCLP 8260 Full/Oxy/Ketones (Continued)

Lab Sample ID: 190514681MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 523L038 — **Prep Batch: 523L038_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
p/m-Xylene	ND		10000	10330		ug/L		103	70 - 130	1	30
Toluene	ND		5000	5352		ug/L		107	72 - 126	1	20
Trichloroethene	ND		5000	5213		ug/L		104	74 - 122	0	20
Vinyl Chloride	ND		5000	5248		ug/L		105	65 - 131	3	24

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles

Lab Sample ID: 09914025625MB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 0522L09 — **Prep Batch: 0522L09_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
1,2-Dichlorobenzene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
1,3-Dichlorobenzene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
1,4-Dichlorobenzene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
1-Methylnaphthalene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,4,5-Trichlorophenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,4,6-Trichlorophenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,4-Dichlorophenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,4-Dimethylphenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrophenol	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,4-Dinitrotoluene	ND		130		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2,6-Dinitrotoluene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2-Chloronaphthalene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2-Chlorophenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2-Methylnaphthalene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2-Methylphenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2-Nitroaniline	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
2-Nitrophenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
3,3'-Dichlorobenzidine	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
3/4-Methylphenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
3-Nitroaniline	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4,6-Dinitro-2-Methylphenol	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4-Bromophenyl-Phenyl Ether	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4-Chloro-3-Methylphenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4-Chloroaniline	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4-Chlorophenyl-Phenyl Ether	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4-Nitroaniline	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
4-Nitrophenol	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Acenaphthene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Acenaphthylene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Aniline	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Anthracene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Azobenzene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzidine	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzo (a) Anthracene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzo (a) Pyrene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzo (b) Fluoranthene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Lab Sample ID: 09914025625MB
Matrix: Water
Analysis Batch: 0522L09

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 0522L09_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo (g,h,i) Perylene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzo (k) Fluoranthene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzoic Acid	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Benzyl Alcohol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethoxy) Methane	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroethyl) Ether	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Bis(2-Chloroisopropyl) Ether	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Bis(2-Ethylhexyl) Phthalate	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Butyl Benzyl Phthalate	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Chrysene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Dibenz (a,h) Anthracene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Dibenzofuran	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Diethyl Phthalate	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Dimethyl Phthalate	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Di-n-Butyl Phthalate	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Di-n-Octyl Phthalate	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Fluoranthene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Fluorene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Hexachloro-1,3-Butadiene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Hexachlorobenzene	ND		130		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Hexachlorocyclopentadiene	ND		2500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Hexachloroethane	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Indeno (1,2,3-c,d) Pyrene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Isophorone	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Naphthalene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Nitrobenzene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
N-Nitrosodimethylamine	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
N-Nitroso-di-n-propylamine	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
N-Nitrosodiphenylamine	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Pentachlorophenol	ND		500		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Phenanthrene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Phenol	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Pyrene	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00
Pyridine	ND		250		ug/L		05/22/19 00:00	05/23/19 00:00	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*41 - 137*	*05/22/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/22/19 00:00*	*05/23/19 00:00*	*1.00*
2-Fluorophenol	*56*		*23 - 77*	*05/22/19 00:00*	*05/23/19 00:00*	*1.00*
Nitrobenzene-d5	*77*		*38 - 122*	*05/22/19 00:00*	*05/23/19 00:00*	*1.00*
Phenol-d6	*51*		*16 - 52*	*05/22/19 00:00*	*05/23/19 00:00*	*1.00*
p-Terphenyl-d14	*81*		*45 - 129*	*05/22/19 00:00*	*05/23/19 00:00*	*1.00*

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Lab Sample ID: 09914025625LCS
Matrix: Water
Analysis Batch: 0522L09

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 0522L09_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	2000	1888		ug/L		94	45 - 111
1,4-Dichlorobenzene	2000	1808		ug/L		90	33 - 111
2,4-Dinitrotoluene	2000	2041		ug/L		102	67 - 127
2-Chlorophenol	2000	1900		ug/L		95	60 - 114
4-Chloro-3-Methylphenol	2000	1858		ug/L		93	62 - 116
4-Nitrophenol	2000	966.2		ug/L		48	6 - 96
Acenaphthene	2000	1834		ug/L		92	64 - 112
Acenaphthylene	2000	2051		ug/L		103	73 - 109
Butyl Benzyl Phthalate	2000	1977		ug/L		99	66 - 126
Dimethyl Phthalate	2000	1944		ug/L		97	70 - 112
Fluorene	2000	1898		ug/L		95	63 - 117
Naphthalene	2000	1793		ug/L		90	55 - 109
N-Nitroso-di-n-propylamine	2000	1912		ug/L		96	53 - 125
Pentachlorophenol	2000	1691		ug/L		85	15 - 123
Phenol	2000	819.3		ug/L		41	7 - 91
Pyrene	2000	1791		ug/L		90	66 - 120

Lab Sample ID: 190513793MS
Matrix: Soil
Analysis Batch: 0522L09

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 0522L09_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		2000	1884		ug/L		94	35 - 105
1,4-Dichlorobenzene	ND		2000	1739		ug/L		87	30 - 100
2,4-Dinitrotoluene	ND		2000	1885		ug/L		94	50 - 120
2-Chlorophenol	ND		2000	1774		ug/L		89	35 - 105
4-Chloro-3-Methylphenol	ND		2000	1813		ug/L		91	45 - 110
4-Nitrophenol	ND		2000	930.8		ug/L		47	20 - 150
Acenaphthene	ND		2000	1736		ug/L		87	45 - 110
Acenaphthylene	ND		2000	1959		ug/L		98	50 - 105
Butyl Benzyl Phthalate	ND		2000	1964		ug/L		98	45 - 115
Dimethyl Phthalate	ND		2000	1824		ug/L		91	25 - 125
Fluorene	ND		2000	1771		ug/L		89	50 - 110
Naphthalene	ND		2000	1748		ug/L		87	40 - 100
N-Nitroso-di-n-propylamine	ND		2000	1794		ug/L		90	35 - 130
Pentachlorophenol	ND		2000	1652		ug/L		83	40 - 115
Phenol	ND		2000	780.8		ug/L		39	0 - 115
Pyrene	ND		2000	1730		ug/L		87	50 - 130

Lab Sample ID: 190513793MSD
Matrix: Soil
Analysis Batch: 0522L09

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 0522L09_P

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		2000	1775		ug/L		89	35 - 105	6	21
1,4-Dichlorobenzene	ND		2000	1709		ug/L		85	30 - 100	2	26
2,4-Dinitrotoluene	ND		2000	1943		ug/L		97	50 - 120	3	36
2-Chlorophenol	ND		2000	1827		ug/L		91	35 - 105	3	18
4-Chloro-3-Methylphenol	ND		2000	1860		ug/L		93	45 - 110	3	40

Method: Eurofins-TCLP 8270 - TCLP SW846 8270C Semi-volatiles (Continued)

Lab Sample ID: 190513793MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 0522L09 — **Prep Batch: 0522L09_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	ND		2000	1004		ug/L		50	20 - 150	8	40
Acenaphthene	ND		2000	1725		ug/L		86	45 - 110	1	11
Acenaphthylene	ND		2000	1948		ug/L		97	50 - 105	1	20
Butyl Benzyl Phthalate	ND		2000	1881		ug/L		94	45 - 115	4	20
Dimethyl Phthalate	ND		2000	1812		ug/L		91	25 - 125	1	20
Fluorene	ND		2000	1784		ug/L		89	50 - 110	1	20
Naphthalene	ND		2000	1691		ug/L		85	40 - 100	3	20
N-Nitroso-di-n-propylamine	ND		2000	1822		ug/L		91	35 - 130	2	13
Pentachlorophenol	ND		2000	1664		ug/L		83	40 - 115	1	40
Phenol	ND		2000	854.3		ug/L		43	0 - 115	9	23
Pyrene	ND		2000	1668		ug/L		83	50 - 130	4	20

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals

Lab Sample ID: 099140212948MB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 0522LA1 — **Prep Batch: 0522LA1_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Arsenic	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Barium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Beryllium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cadmium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Chromium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Cobalt	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Copper	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Lead	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Molybdenum	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Nickel	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Selenium	ND		1.00		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Silver	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Thallium	ND		0.500		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Vanadium	ND		0.100		mg/L		05/21/19 00:00	05/23/19 00:00	1.00
Zinc	ND		2.50		mg/L		05/21/19 00:00	05/23/19 00:00	1.00

Lab Sample ID: 099140212948LCD — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 0522LA1 — **Prep Batch: 0522LA1_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony			5.000	5.685		mg/L		114	80 - 120	2	20
Arsenic			5.000	4.472		mg/L		89	80 - 120	3	20
Barium			5.000	5.212		mg/L		104	80 - 120	1	20
Beryllium			5.000	4.897		mg/L		98	80 - 120	0	20
Cadmium			5.000	5.222		mg/L		104	80 - 120	0	20
Chromium			5.000	5.135		mg/L		103	80 - 120	0	20
Cobalt			5.000	5.121		mg/L		102	80 - 120	1	20
Copper			5.000	4.979		mg/L		100	80 - 120	1	20

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals (Continued)

Lab Sample ID: 099140212948LCD
Matrix: Water
Analysis Batch: 0522LA1

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 0522LA1_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.000	5.301		mg/L		106	80 - 120	0	20
Molybdenum	5.000	5.050		mg/L		101	80 - 120	0	20
Nickel	5.000	5.322		mg/L		106	80 - 120	1	20
Selenium	5.000	4.755		mg/L		95	80 - 120	2	20
Silver	2.500	2.464		mg/L		99	80 - 120	0	20
Thallium	5.000	4.681		mg/L		94	80 - 120	1	20
Vanadium	5.000	4.567		mg/L		91	80 - 120	1	20
Zinc	5.000	4.553		mg/L		91	80 - 120	1	20

Lab Sample ID: 099140212948LCS
Matrix: Water
Analysis Batch: 0522LA1

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 0522LA1_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	5.000	5.771		mg/L		115	80 - 120
Arsenic	5.000	4.609		mg/L		92	80 - 120
Barium	5.000	5.242		mg/L		105	80 - 120
Beryllium	5.000	4.920		mg/L		98	80 - 120
Cadmium	5.000	5.224		mg/L		104	80 - 120
Chromium	5.000	5.155		mg/L		103	80 - 120
Cobalt	5.000	5.170		mg/L		103	80 - 120
Copper	5.000	5.017		mg/L		100	80 - 120
Lead	5.000	5.275		mg/L		106	80 - 120
Molybdenum	5.000	5.074		mg/L		101	80 - 120
Nickel	5.000	5.367		mg/L		107	80 - 120
Selenium	5.000	4.848		mg/L		97	80 - 120
Silver	2.500	2.467		mg/L		99	80 - 120
Thallium	5.000	4.724		mg/L		94	80 - 120
Vanadium	5.000	4.601		mg/L		92	80 - 120
Zinc	5.000	4.591		mg/L		92	80 - 120

Lab Sample ID: 190513791MS
Matrix: Soil
Analysis Batch: 0522LA1

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 0522LA1_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		5.000	5.942		mg/L		119	72 - 132
Arsenic	ND		5.000	4.866		mg/L		97	80 - 140
Barium	0.3089		5.000	5.478		mg/L		103	87 - 123
Beryllium	ND		5.000	5.085		mg/L		102	89 - 119
Cadmium	ND		5.000	5.201		mg/L		104	82 - 124
Chromium	ND		5.000	5.145		mg/L		103	86 - 122
Cobalt	ND		5.000	4.861		mg/L		97	83 - 125
Copper	ND		5.000	5.030		mg/L		101	78 - 126
Lead	ND		5.000	5.271		mg/L		105	84 - 120
Molybdenum	ND		5.000	5.038		mg/L		101	78 - 126
Nickel	ND		5.000	5.228		mg/L		105	84 - 120
Selenium	ND		5.000	5.056		mg/L		101	79 - 127
Silver	ND		2.500	2.571		mg/L		103	86 - 128

Method: Eurofins-TCLP CAM17 full list - TCLP SW846 Metals (Continued)

Lab Sample ID: 190513791MS — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 0522LA1 — **Prep Batch: 0522LA1_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	ND		5.000	4.777		mg/L		96	79 - 121
Vanadium	ND		5.000	4.630		mg/L		93	88 - 118
Zinc	ND		5.000	6.812	3	mg/L		136	89 - 131

Lab Sample ID: 190513791MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 0522LA1 — **Prep Batch: 0522LA1_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		5.000	5.958		mg/L		119	72 - 132	0	10
Arsenic	ND		5.000	4.877		mg/L		98	80 - 140	0	11
Barium	0.3089		5.000	5.506		mg/L		104	87 - 123	1	6
Beryllium	ND		5.000	5.117		mg/L		102	89 - 119	1	8
Cadmium	ND		5.000	5.268		mg/L		105	82 - 124	1	7
Chromium	ND		5.000	5.145		mg/L		103	86 - 122	0	8
Cobalt	ND		5.000	4.894		mg/L		98	83 - 125	1	7
Copper	ND		5.000	5.073		mg/L		101	78 - 126	1	7
Lead	ND		5.000	5.341		mg/L		107	84 - 120	1	7
Molybdenum	ND		5.000	5.085		mg/L		102	78 - 126	1	7
Nickel	ND		5.000	5.267		mg/L		105	84 - 120	1	7
Selenium	ND		5.000	5.146		mg/L		103	79 - 127	2	9
Silver	ND		2.500	2.585		mg/L		103	86 - 128	1	7
Thallium	ND		5.000	4.721		mg/L		94	79 - 121	1	8
Vanadium	ND		5.000	4.682		mg/L		94	88 - 118	1	7
Zinc	ND		5.000	6.847	3	mg/L		137	89 - 131	1	8

Lab Sample ID: 099040051801MB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 522LA3A — **Prep Batch: 522LA3A_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00500		mg/L		05/21/19 00:00	05/22/19 00:00	1.00

Lab Sample ID: 099040051801LCS — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 522LA3A — **Prep Batch: 522LA3A_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.05000	0.04539		mg/L		91	80 - 120

Method: Eurofins-TCLP CAM17 full list - Eurofins-TCLP CAM17 full list

Lab Sample ID: 190511091MS — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total/NA**
Analysis Batch: 0522LA3 — **Prep Batch: 0522LA3_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.05000	0.05100		mg/L		102	55 - 133

QC Sample Results

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Method: Eurofins-TCLP CAM17 full list - Eurofins-TCLP CAM17 full list (Continued)

Lab Sample ID: 190511091MSD
Matrix: Soil
Analysis Batch: 0522LA3

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 0522LA3_P

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.05000	0.05244		mg/L		105	55 - 133	3	20

QC Association Summary

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

GC VOA

Prep Batch: 546440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	5030B	
440-240983-2	SLR GRIT	Total/NA	Solid	5030B	
440-240983-3	LS CAKE	Total/NA	Solid	5030B	
440-240983-4	LS GRIT	Total/NA	Solid	5030B	

Analysis Batch: 546574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	8015B	546440
440-240983-2	SLR GRIT	Total/NA	Solid	8015B	546440
440-240983-3	LS CAKE	Total/NA	Solid	8015B	546440
440-240983-4	LS GRIT	Total/NA	Solid	8015B	546440
MB 440-546574/5	Method Blank	Total/NA	Solid	8015B	
LCS 440-546574/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-546574/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 545853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	3546	
440-240983-2	SLR GRIT	Total/NA	Solid	3546	
440-240983-3	LS CAKE	Total/NA	Solid	3546	
440-240983-4	LS GRIT	Total/NA	Solid	3546	
MB 440-545853/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-545853/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-241050-B-1-A MS	Matrix Spike	Total/NA	Solid	3546	
440-241050-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 546029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	8015B	545853
440-240983-2	SLR GRIT	Total/NA	Solid	8015B	545853
440-240983-3	LS CAKE	Total/NA	Solid	8015B	545853
440-240983-4	LS GRIT	Total/NA	Solid	8015B	545853
MB 440-545853/1-A	Method Blank	Total/NA	Solid	8015B	545853
LCS 440-545853/2-A	Lab Control Sample	Total/NA	Solid	8015B	545853
440-241050-B-1-A MS	Matrix Spike	Total/NA	Solid	8015B	545853
440-241050-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	545853

General Chemistry

Analysis Batch: 545746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	9095A	
440-240983-2	SLR GRIT	Total/NA	Solid	9095A	
440-240983-3	LS CAKE	Total/NA	Solid	9095A	
440-240983-4	LS GRIT	Total/NA	Solid	9095A	
440-240983-1 DU	SLR CAKE	Total/NA	Solid	9095A	

Analysis Batch: 545823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 545823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-2	SLR GRIT	Total/NA	Solid	Moisture	
440-240983-3	LS CAKE	Total/NA	Solid	Moisture	
440-240983-4	LS GRIT	Total/NA	Solid	Moisture	
440-241099-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 546429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	SM 2540G	
440-240983-2	SLR GRIT	Total/NA	Solid	SM 2540G	
440-240983-3	LS CAKE	Total/NA	Solid	SM 2540G	
440-240983-4	LS GRIT	Total/NA	Solid	SM 2540G	
440-240983-1 DU	SLR CAKE	Total/NA	Solid	SM 2540G	

Subcontract

Analysis Batch: 0522L09

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	Eurofins-TCLP 8270	0522L09_P
440-240983-2	SLR GRIT	Total/NA	Solid	Eurofins-TCLP 8270	0522L09_P
440-240983-3	LS CAKE	Total/NA	Solid	Eurofins-TCLP 8270	0522L09_P
440-240983-4	LS GRIT	Total/NA	Solid	Eurofins-TCLP 8270	0522L09_P
09914025625MB	Method Blank	Total/NA	Water	Eurofins-TCLP 8270	0522L09_P
09914025625LCS	Lab Control Sample	Total/NA	Water	Eurofins-TCLP 8270	0522L09_P
190513793MS	Matrix Spike	Total/NA	Soil	Eurofins-TCLP 8270	0522L09_P
190513793MSD	Matrix Spike Duplicate	Total/NA	Soil	Eurofins-TCLP 8270	0522L09_P

Analysis Batch: 0522LA1

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	Eurofins-TCLP CAM17 full list	0522LA1_P
440-240983-2	SLR GRIT	Total/NA	Solid	Eurofins-TCLP CAM17 full list	0522LA1_P
440-240983-3	LS CAKE	Total/NA	Solid	Eurofins-TCLP CAM17 full list	0522LA1_P
440-240983-4	LS GRIT	Total/NA	Solid	Eurofins-TCLP CAM17 full list	0522LA1_P
099140212948MB	Method Blank	Total/NA	Water	Eurofins-TCLP CAM17 full list	0522LA1_P
099140212948LCD	Lab Control Sample Dup	Total/NA	Water	Eurofins-TCLP CAM17 full list	0522LA1_P
099140212948LCS	Lab Control Sample	Total/NA	Water	Eurofins-TCLP CAM17 full list	0522LA1_P
190513791MS	Matrix Spike	Total/NA	Soil	Eurofins-TCLP CAM17 full list	0522LA1_P
190513791MSD	Matrix Spike Duplicate	Total/NA	Soil	Eurofins-TCLP CAM17 full list	0522LA1_P

QC Association Summary

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Subcontract

Analysis Batch: 0522LA3

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
190511091MS	Matrix Spike	Total/NA	Soil	Eurofins-TCLP CAM17 full list	0522LA3_P
190511091MSD	Matrix Spike Duplicate	Total/NA	Soil	Eurofins-TCLP CAM17 full list	0522LA3_P

Analysis Batch: 522LA3A

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	Eurofins-TCLP CAM17 full list	522LA3A_P
440-240983-2	SLR GRIT	Total/NA	Solid	Eurofins-TCLP CAM17 full list	522LA3A_P
440-240983-3	LS CAKE	Total/NA	Solid	Eurofins-TCLP CAM17 full list	522LA3A_P
440-240983-4	LS GRIT	Total/NA	Solid	Eurofins-TCLP CAM17 full list	522LA3A_P
099040051801MB	Method Blank	Total/NA	Water	Eurofins-TCLP CAM17 full list	522LA3A_P
099040051801LCS	Lab Control Sample	Total/NA	Water	Eurofins-TCLP CAM17 full list	522LA3A_P

Analysis Batch: 523L038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
190514681MS	Matrix Spike	Total/NA	Soil	Eurofins TCLP 8260 Full/Oxy/Ketones	523L038_P
190514681MSD	Matrix Spike Duplicate	Total/NA	Soil	Eurofins TCLP 8260 Full/Oxy/Ketones	523L038_P

Analysis Batch: 523L039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P
440-240983-2	SLR GRIT	Total/NA	Solid	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P
440-240983-3	LS CAKE	Total/NA	Solid	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P
440-240983-4	LS GRIT	Total/NA	Solid	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P
099145191806MB	Method Blank	Total/NA	Water	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P
099145191806LCD	Lab Control Sample Dup	Total/NA	Water	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P

Subcontract (Continued)

Analysis Batch: 523L039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
099145191806LCS	Lab Control Sample	Total/NA	Water	Eurofins TCLP 8260 Full/Oxy/Ketones	523L039_P

Prep Batch: 0522L09_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	EPA 1311	
440-240983-2	SLR GRIT	Total/NA	Solid	EPA 1311	
440-240983-3	LS CAKE	Total/NA	Solid	EPA 1311	
440-240983-4	LS GRIT	Total/NA	Solid	EPA 1311	
09914025625MB	Method Blank	Total/NA	Water	EPA 1311	
09914025625LCS	Lab Control Sample	Total/NA	Water	EPA 1311	
190513793MS	Matrix Spike	Total/NA	Soil	EPA 1311	
190513793MSD	Matrix Spike Duplicate	Total/NA	Soil	EPA 1311	

Prep Batch: 0522LA1_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	EPA 1311	
440-240983-2	SLR GRIT	Total/NA	Solid	EPA 1311	
440-240983-3	LS CAKE	Total/NA	Solid	EPA 1311	
440-240983-4	LS GRIT	Total/NA	Solid	EPA 1311	
099140212948MB	Method Blank	Total/NA	Water	EPA 1311	
099140212948LCD	Lab Control Sample Dup	Total/NA	Water	EPA 1311	
099140212948LCS	Lab Control Sample	Total/NA	Water	EPA 1311	
190513791MS	Matrix Spike	Total/NA	Soil	EPA 1311	
190513791MSD	Matrix Spike Duplicate	Total/NA	Soil	EPA 1311	

Prep Batch: 0522LA3_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
190511091MS	Matrix Spike	Total/NA	Soil	EPA 1311	
190511091MSD	Matrix Spike Duplicate	Total/NA	Soil	EPA 1311	

Prep Batch: 522LA3A_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	EPA 1311	
440-240983-2	SLR GRIT	Total/NA	Solid	EPA 1311	
440-240983-3	LS CAKE	Total/NA	Solid	EPA 1311	
440-240983-4	LS GRIT	Total/NA	Solid	EPA 1311	
099040051801MB	Method Blank	Total/NA	Water	EPA 1311	
099040051801LCS	Lab Control Sample	Total/NA	Water	EPA 1311	

Prep Batch: 523L038_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
190514681MS	Matrix Spike	Total/NA	Soil	EPA 1311	
190514681MSD	Matrix Spike Duplicate	Total/NA	Soil	EPA 1311	

Prep Batch: 523L039_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-1	SLR CAKE	Total/NA	Solid	EPA 1311	
440-240983-2	SLR GRIT	Total/NA	Solid	EPA 1311	
440-240983-3	LS CAKE	Total/NA	Solid	EPA 1311	

Subcontract (Continued)

Prep Batch: 523L039_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-240983-4	LS GRIT	Total/NA	Solid	EPA 1311	
099145191806MB	Method Blank	Total/NA	Water	EPA 1311	
099145191806LCD	Lab Control Sample Dup	Total/NA	Water	EPA 5030C	
099145191806LCS	Lab Control Sample	Total/NA	Water	EPA 5030C	

Definitions/Glossary

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Subcontract

Qualifier	Qualifier Description
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
39-P	Sample extracted outside recommended holding time.
ET	Sample was extracted past end of recommended max. holding time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Accreditation/Certification Summary

Client: City of Oceanside
Project/Site: TCLP

Job ID: 440-240983-1

Laboratory: Eurofins TestAmerica, Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-20
Arizona	State Program	9	AZ0671	10-14-19
California	LA Cty Sanitation Districts	9	10256	06-30-20
California	State Program	9	CA ELAP 2706	06-30-19 *
Guam	State Program	9	Cert. No. 19-005R	01-23-20
Hawaii	State Program	9	N/A	01-29-20
Kansas	NELAP	7	E-10420	07-31-19 *
Nevada	State Program	9	CA015312019-5	07-31-19 *
New Mexico	State Program	6	N/A	01-29-20
Oregon	NELAP	10	4028	01-29-20
US Fish & Wildlife	Federal		058448	07-31-19 *
USDA	Federal		P330-18-00214	07-09-21
Washington	State Program	10	C900	09-03-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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WORK ORDER NUMBER: 19-05-1429

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: TestAmerica

Client Project Name: TCLP / 44003466

Attention: Janice Hsu
17461 Derian Avenue, Suite 100
Irvine, CA 92614-5845

Approved for release on 05/28/2019 by:
Richard Villafania
Project Manager

ResultLink

Email your PM

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 19-05-1429

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Work Order Narrative

Work Order: 19-05-1429 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 05/17/19. They were assigned to Work Order 19-05-1429.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	TestAmerica 17461 Derian Avenue, Suite 100 Irvine, CA 92614-5845	Work Order:	19-05-1429
		Project Name:	TCLP / 44003466
		PO Number:	
		Date/Time Received:	05/17/19 10:00
		Number of Containers:	4
Attn:	Janice Hsu		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SLR CAKE (440-240983-1)	19-05-1429-1	05/07/19 13:45	1	Solid
SLR GRIT (440-240983-2)	19-05-1429-2	05/08/19 07:50	1	Solid
LS CAKE (440-240983-3)	19-05-1429-3	05/06/19 10:30	1	Solid
LS GRIT (440-240983-4)	19-05-1429-4	05/06/19 10:40	1	Solid

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
		Units:	mg/L
Project: TCLP / 44003466			Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR CAKE (440-240983-1)	**19-05-1429-1-A**	**05/07/19 13:45**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:31**	**190522LA1**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	1.00	1.00	
Arsenic	ND	1.00	1.00	
Barium	ND	0.100	1.00	
Beryllium	ND	0.100	1.00	
Cadmium	ND	0.100	1.00	
Chromium	ND	0.500	1.00	
Cobalt	ND	0.500	1.00	
Copper	ND	0.500	1.00	
Lead	ND	0.500	1.00	
Molybdenum	ND	0.500	1.00	
Nickel	ND	0.500	1.00	
Selenium	ND	1.00	1.00	
Silver	ND	0.100	1.00	
Thallium	ND	0.500	1.00	
Vanadium	ND	0.100	1.00	
Zinc	ND	2.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
		Units:	mg/L
Project: TCLP / 44003466			Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR GRIT (440-240983-2)	**19-05-1429-2-A**	**05/08/19 07:50**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:32**	**190522LA1**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	1.00	1.00	
Arsenic	ND	1.00	1.00	
Barium	0.124	0.100	1.00	
Beryllium	ND	0.100	1.00	
Cadmium	ND	0.100	1.00	
Chromium	ND	0.500	1.00	
Cobalt	ND	0.500	1.00	
Copper	ND	0.500	1.00	
Lead	ND	0.500	1.00	
Molybdenum	ND	0.500	1.00	
Nickel	ND	0.500	1.00	
Selenium	ND	1.00	1.00	
Silver	ND	0.100	1.00	
Thallium	ND	0.500	1.00	
Vanadium	ND	0.100	1.00	
Zinc	ND	2.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
		Units:	mg/L
Project: TCLP / 44003466			Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LS CAKE (440-240983-3)	**19-05-1429-3-A**	**05/06/19 10:30**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:33**	**190522LA1**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	1.00	1.00	
Arsenic	ND	1.00	1.00	
Barium	ND	0.100	1.00	
Beryllium	ND	0.100	1.00	
Cadmium	ND	0.100	1.00	
Chromium	ND	0.500	1.00	
Cobalt	ND	0.500	1.00	
Copper	ND	0.500	1.00	
Lead	ND	0.500	1.00	
Molybdenum	ND	0.500	1.00	
Nickel	ND	0.500	1.00	
Selenium	ND	1.00	1.00	
Silver	ND	0.100	1.00	
Thallium	ND	0.500	1.00	
Vanadium	ND	0.100	1.00	
Zinc	ND	2.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
		Units:	mg/L
Project: TCLP / 44003466			Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LS GRIT (440-240983-4)	**19-05-1429-4-A**	**05/06/19 10:40**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:35**	**190522LA1**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	1.00	1.00	
Arsenic	ND	1.00	1.00	
Barium	0.265	0.100	1.00	
Beryllium	ND	0.100	1.00	
Cadmium	ND	0.100	1.00	
Chromium	ND	0.500	1.00	
Cobalt	ND	0.500	1.00	
Copper	ND	0.500	1.00	
Lead	ND	0.500	1.00	
Molybdenum	ND	0.500	1.00	
Nickel	ND	0.500	1.00	
Selenium	ND	1.00	1.00	
Silver	ND	0.100	1.00	
Thallium	ND	0.500	1.00	
Vanadium	ND	0.100	1.00	
Zinc	ND	2.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
		Units:	mg/L
Project: TCLP / 44003466			Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-021-2948**	**N/A**	**Aqueous**	**ICP 8300**	**05/21/19**	**05/23/19 17:16**	**190522LA1**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	1.00	1.00	
Arsenic	ND	1.00	1.00	
Barium	ND	0.100	1.00	
Beryllium	ND	0.100	1.00	
Cadmium	ND	0.100	1.00	
Chromium	ND	0.500	1.00	
Cobalt	ND	0.500	1.00	
Copper	ND	0.500	1.00	
Lead	ND	0.500	1.00	
Molybdenum	ND	0.500	1.00	
Nickel	ND	0.500	1.00	
Selenium	ND	1.00	1.00	
Silver	ND	0.100	1.00	
Thallium	ND	0.500	1.00	
Vanadium	ND	0.100	1.00	
Zinc	ND	2.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 7470A
		Units:	mg/L
Project: TCLP / 44003466			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR CAKE (440-240983-1)	**19-05-1429-1-A**	**05/07/19 13:45**	**Solid**	**Mercury 08**	**05/21/19**	**05/22/19 20:28**	**190522LA3A**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.00500	1.00	

SLR GRIT (440-240983-2)	**19-05-1429-2-A**	**05/08/19 07:50**	**Solid**	**Mercury 08**	**05/21/19**	**05/22/19 20:30**	**190522LA3A**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.00500	1.00	

LS CAKE (440-240983-3)	**19-05-1429-3-A**	**05/06/19 10:30**	**Solid**	**Mercury 08**	**05/21/19**	**05/22/19 20:33**	**190522LA3A**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.00500	1.00	

LS GRIT (440-240983-4)	**19-05-1429-4-A**	**05/06/19 10:40**	**Solid**	**Mercury 08**	**05/21/19**	**05/22/19 20:35**	**190522LA3A**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.00500	1.00	

Method Blank	**099-04-005-1801**	**N/A**	**Aqueous**	**Mercury 08**	**05/21/19**	**05/22/19 20:01**	**190522LA3A**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.00500	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
		Units:	ug/L
Project: TCLP / 44003466			Page 1 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR CAKE (440-240983-1)	**19-05-1429-1-A**	**05/07/19 13:45**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 15:14**	**190522L09**

Parameter	Result	RL	DF	Qualifiers
N-Nitrosodimethylamine	ND	250	1.00	
Aniline	ND	250	1.00	
Pyridine	ND	250	1.00	
Phenol	ND	250	1.00	
Bis(2-Chloroethyl) Ether	ND	250	1.00	
2-Chlorophenol	ND	250	1.00	
1,3-Dichlorobenzene	ND	250	1.00	
1,4-Dichlorobenzene	ND	250	1.00	
Benzyl Alcohol	ND	250	1.00	
1,2-Dichlorobenzene	ND	250	1.00	
2-Methylphenol	ND	250	1.00	
Bis(2-Chloroisopropyl) Ether	ND	250	1.00	
3/4-Methylphenol	ND	250	1.00	
N-Nitroso-di-n-propylamine	ND	250	1.00	
Hexachloroethane	ND	250	1.00	
Nitrobenzene	ND	250	1.00	
Isophorone	ND	250	1.00	
2-Nitrophenol	ND	250	1.00	
2,4-Dimethylphenol	ND	250	1.00	
Benzoic Acid	ND	500	1.00	
Bis(2-Chloroethoxy) Methane	ND	250	1.00	
2,4-Dichlorophenol	ND	250	1.00	
1,2,4-Trichlorobenzene	ND	250	1.00	
1-Methylnaphthalene	ND	250	1.00	
Naphthalene	ND	250	1.00	
4-Chloroaniline	ND	500	1.00	
Hexachloro-1,3-Butadiene	ND	250	1.00	
4-Chloro-3-Methylphenol	ND	250	1.00	
2-Methylnaphthalene	ND	250	1.00	
Hexachlorocyclopentadiene	ND	2500	1.00	
2,4,6-Trichlorophenol	ND	250	1.00	
2,4,5-Trichlorophenol	ND	250	1.00	
2-Chloronaphthalene	ND	250	1.00	
2-Nitroaniline	ND	250	1.00	
Dimethyl Phthalate	ND	250	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 2 of 15

Parameter	Result	RL	DF	Qualifiers
Acenaphthylene	ND	250	1.00	
3-Nitroaniline	ND	250	1.00	
Acenaphthene	ND	250	1.00	
2,4-Dinitrophenol	ND	500	1.00	
4-Nitrophenol	ND	500	1.00	
Dibenzofuran	ND	250	1.00	
2,4-Dinitrotoluene	ND	130	1.00	
2,6-Dinitrotoluene	ND	250	1.00	
Diethyl Phthalate	ND	250	1.00	
4-Chlorophenyl-Phenyl Ether	ND	250	1.00	
Fluorene	ND	250	1.00	
4-Nitroaniline	ND	250	1.00	
Azobenzene	ND	250	1.00	
4,6-Dinitro-2-Methylphenol	ND	500	1.00	
N-Nitrosodiphenylamine	ND	250	1.00	
4-Bromophenyl-Phenyl Ether	ND	250	1.00	
Hexachlorobenzene	ND	130	1.00	
Pentachlorophenol	ND	500	1.00	
Phenanthrene	ND	250	1.00	
Anthracene	ND	250	1.00	
Di-n-Butyl Phthalate	ND	250	1.00	
Fluoranthene	ND	250	1.00	
Benzidine	ND	500	1.00	
Pyrene	ND	250	1.00	
Butyl Benzyl Phthalate	ND	250	1.00	
3,3'-Dichlorobenzidine	ND	250	1.00	
Benzo (a) Anthracene	ND	250	1.00	
Bis(2-Ethylhexyl) Phthalate	ND	250	1.00	
Chrysene	ND	250	1.00	
Di-n-Octyl Phthalate	ND	250	1.00	
Benzo (k) Fluoranthene	ND	250	1.00	
Benzo (b) Fluoranthene	ND	250	1.00	
Benzo (a) Pyrene	ND	250	1.00	
Dibenz (a,h) Anthracene	ND	250	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	250	1.00	
Benzo (g,h,i) Perylene	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorophenol	44	23-77	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 3 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
Phenol-d6	32	16-52	
Nitrobenzene-d5	75	38-122	
2-Fluorobiphenyl	75	33-117	
2,4,6-Tribromophenol	91	41-137	
p-Terphenyl-d14	85	45-129	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
		Units:	ug/L
Project: TCLP / 44003466			Page 4 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR GRIT (440-240983-2)	**19-05-1429-2-A**	**05/08/19 07:50**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 15:33**	**190522L09**

Parameter	Result	RL	DF	Qualifiers
N-Nitrosodimethylamine	ND	250	1.00	
Aniline	ND	250	1.00	
Pyridine	ND	250	1.00	
Phenol	ND	250	1.00	
Bis(2-Chloroethyl) Ether	ND	250	1.00	
2-Chlorophenol	ND	250	1.00	
1,3-Dichlorobenzene	ND	250	1.00	
1,4-Dichlorobenzene	ND	250	1.00	
Benzyl Alcohol	ND	250	1.00	
1,2-Dichlorobenzene	ND	250	1.00	
2-Methylphenol	ND	250	1.00	
Bis(2-Chloroisopropyl) Ether	ND	250	1.00	
3/4-Methylphenol	ND	250	1.00	
N-Nitroso-di-n-propylamine	ND	250	1.00	
Hexachloroethane	ND	250	1.00	
Nitrobenzene	ND	250	1.00	
Isophorone	ND	250	1.00	
2-Nitrophenol	ND	250	1.00	
2,4-Dimethylphenol	ND	250	1.00	
Benzoic Acid	ND	500	1.00	
Bis(2-Chloroethoxy) Methane	ND	250	1.00	
2,4-Dichlorophenol	ND	250	1.00	
1,2,4-Trichlorobenzene	ND	250	1.00	
1-Methylnaphthalene	ND	250	1.00	
Naphthalene	ND	250	1.00	
4-Chloroaniline	ND	500	1.00	
Hexachloro-1,3-Butadiene	ND	250	1.00	
4-Chloro-3-Methylphenol	ND	250	1.00	
2-Methylnaphthalene	ND	250	1.00	
Hexachlorocyclopentadiene	ND	2500	1.00	
2,4,6-Trichlorophenol	ND	250	1.00	
2,4,5-Trichlorophenol	ND	250	1.00	
2-Chloronaphthalene	ND	250	1.00	
2-Nitroaniline	ND	250	1.00	
Dimethyl Phthalate	ND	250	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 5 of 15

Parameter	Result	RL	DF	Qualifiers
Acenaphthylene	ND	250	1.00	
3-Nitroaniline	ND	250	1.00	
Acenaphthene	ND	250	1.00	
2,4-Dinitrophenol	ND	500	1.00	
4-Nitrophenol	ND	500	1.00	
Dibenzofuran	ND	250	1.00	
2,4-Dinitrotoluene	ND	130	1.00	
2,6-Dinitrotoluene	ND	250	1.00	
Diethyl Phthalate	ND	250	1.00	
4-Chlorophenyl-Phenyl Ether	ND	250	1.00	
Fluorene	ND	250	1.00	
4-Nitroaniline	ND	250	1.00	
Azobenzene	ND	250	1.00	
4,6-Dinitro-2-Methylphenol	ND	500	1.00	
N-Nitrosodiphenylamine	ND	250	1.00	
4-Bromophenyl-Phenyl Ether	ND	250	1.00	
Hexachlorobenzene	ND	130	1.00	
Pentachlorophenol	ND	500	1.00	
Phenanthrene	ND	250	1.00	
Anthracene	ND	250	1.00	
Di-n-Butyl Phthalate	ND	250	1.00	
Fluoranthene	ND	250	1.00	
Benzidine	ND	500	1.00	
Pyrene	ND	250	1.00	
Butyl Benzyl Phthalate	ND	250	1.00	
3,3'-Dichlorobenzidine	ND	250	1.00	
Benzo (a) Anthracene	ND	250	1.00	
Bis(2-Ethylhexyl) Phthalate	ND	250	1.00	
Chrysene	ND	250	1.00	
Di-n-Octyl Phthalate	ND	250	1.00	
Benzo (k) Fluoranthene	ND	250	1.00	
Benzo (b) Fluoranthene	ND	250	1.00	
Benzo (a) Pyrene	ND	250	1.00	
Dibenz (a,h) Anthracene	ND	250	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	250	1.00	
Benzo (g,h,i) Perylene	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorophenol	61	23-77	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 6 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
Phenol-d6	40	16-52	
Nitrobenzene-d5	98	38-122	
2-Fluorobiphenyl	88	33-117	
2,4,6-Tribromophenol	99	41-137	
p-Terphenyl-d14	93	45-129	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
		Units:	ug/L
Project: TCLP / 44003466			Page 7 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LS CAKE (440-240983-3)	**19-05-1429-3-A**	**05/06/19 10:30**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 15:52**	**190522L09**

Comment(s): - Sample extracted outside recommended holding time.

Parameter	Result	RL	DF	Qualifiers
N-Nitrosodimethylamine	ND	250	1.00	ET
Aniline	ND	250	1.00	ET
Pyridine	ND	250	1.00	ET
Phenol	ND	250	1.00	ET
Bis(2-Chloroethyl) Ether	ND	250	1.00	ET
2-Chlorophenol	ND	250	1.00	ET
1,3-Dichlorobenzene	ND	250	1.00	ET
1,4-Dichlorobenzene	ND	250	1.00	ET
Benzyl Alcohol	ND	250	1.00	ET
1,2-Dichlorobenzene	ND	250	1.00	ET
2-Methylphenol	ND	250	1.00	ET
Bis(2-Chloroisopropyl) Ether	ND	250	1.00	ET
3/4-Methylphenol	ND	250	1.00	ET
N-Nitroso-di-n-propylamine	ND	250	1.00	ET
Hexachloroethane	ND	250	1.00	ET
Nitrobenzene	ND	250	1.00	ET
Isophorone	ND	250	1.00	ET
2-Nitrophenol	ND	250	1.00	ET
2,4-Dimethylphenol	ND	250	1.00	ET
Benzoic Acid	ND	500	1.00	ET
Bis(2-Chloroethoxy) Methane	ND	250	1.00	ET
2,4-Dichlorophenol	ND	250	1.00	ET
1,2,4-Trichlorobenzene	ND	250	1.00	ET
1-Methylnaphthalene	ND	250	1.00	ET
Naphthalene	ND	250	1.00	ET
4-Chloroaniline	ND	500	1.00	ET
Hexachloro-1,3-Butadiene	ND	250	1.00	ET
4-Chloro-3-Methylphenol	ND	250	1.00	ET
2-Methylnaphthalene	ND	250	1.00	ET
Hexachlorocyclopentadiene	ND	2500	1.00	ET
2,4,6-Trichlorophenol	ND	250	1.00	ET
2,4,5-Trichlorophenol	ND	250	1.00	ET
2-Chloronaphthalene	ND	250	1.00	ET
2-Nitroaniline	ND	250	1.00	ET

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 8 of 15

Parameter	Result	RL	DF	Qualifiers
Dimethyl Phthalate	ND	250	1.00	ET
Acenaphthylene	ND	250	1.00	ET
3-Nitroaniline	ND	250	1.00	ET
Acenaphthene	ND	250	1.00	ET
2,4-Dinitrophenol	ND	500	1.00	ET
4-Nitrophenol	ND	500	1.00	ET
Dibenzofuran	ND	250	1.00	ET
2,4-Dinitrotoluene	ND	130	1.00	ET
2,6-Dinitrotoluene	ND	250	1.00	ET
Diethyl Phthalate	ND	250	1.00	ET
4-Chlorophenyl-Phenyl Ether	ND	250	1.00	ET
Fluorene	ND	250	1.00	ET
4-Nitroaniline	ND	250	1.00	ET
Azobenzene	ND	250	1.00	ET
4,6-Dinitro-2-Methylphenol	ND	500	1.00	ET
N-Nitrosodiphenylamine	ND	250	1.00	ET
4-Bromophenyl-Phenyl Ether	ND	250	1.00	ET
Hexachlorobenzene	ND	130	1.00	ET
Pentachlorophenol	ND	500	1.00	ET
Phenanthrene	ND	250	1.00	ET
Anthracene	ND	250	1.00	ET
Di-n-Butyl Phthalate	ND	250	1.00	ET
Fluoranthene	ND	250	1.00	ET
Benzidine	ND	500	1.00	ET
Pyrene	ND	250	1.00	ET
Butyl Benzyl Phthalate	ND	250	1.00	ET
3,3'-Dichlorobenzidine	ND	250	1.00	ET
Benzo (a) Anthracene	ND	250	1.00	ET
Bis(2-Ethylhexyl) Phthalate	ND	250	1.00	ET
Chrysene	ND	250	1.00	ET
Di-n-Octyl Phthalate	ND	250	1.00	ET
Benzo (k) Fluoranthene	ND	250	1.00	ET
Benzo (b) Fluoranthene	ND	250	1.00	ET
Benzo (a) Pyrene	ND	250	1.00	ET
Dibenz (a,h) Anthracene	ND	250	1.00	ET
Indeno (1,2,3-c,d) Pyrene	ND	250	1.00	ET
Benzo (g,h,i) Perylene	ND	250	1.00	ET

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 9 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorophenol	49	23-77	
Phenol-d6	32	16-52	
Nitrobenzene-d5	83	38-122	
2-Fluorobiphenyl	76	33-117	
2,4,6-Tribromophenol	88	41-137	
p-Terphenyl-d14	83	45-129	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
		Units:	ug/L
Project: TCLP / 44003466			Page 10 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LS GRIT (440-240983-4)	**19-05-1429-4-A**	**05/06/19 10:40**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 16:12**	**190522L09**

Comment(s): - Sample extracted outside recommended holding time.

Parameter	Result	RL	DF	Qualifiers
N-Nitrosodimethylamine	ND	250	1.00	ET
Aniline	ND	250	1.00	ET
Pyridine	ND	250	1.00	ET
Phenol	ND	250	1.00	ET
Bis(2-Chloroethyl) Ether	ND	250	1.00	ET
2-Chlorophenol	ND	250	1.00	ET
1,3-Dichlorobenzene	ND	250	1.00	ET
1,4-Dichlorobenzene	ND	250	1.00	ET
Benzyl Alcohol	ND	250	1.00	ET
1,2-Dichlorobenzene	ND	250	1.00	ET
2-Methylphenol	ND	250	1.00	ET
Bis(2-Chloroisopropyl) Ether	ND	250	1.00	ET
3/4-Methylphenol	380	250	1.00	ET
N-Nitroso-di-n-propylamine	ND	250	1.00	ET
Hexachloroethane	ND	250	1.00	ET
Nitrobenzene	ND	250	1.00	ET
Isophorone	ND	250	1.00	ET
2-Nitrophenol	ND	250	1.00	ET
2,4-Dimethylphenol	ND	250	1.00	ET
Benzoic Acid	ND	500	1.00	ET
Bis(2-Chloroethoxy) Methane	ND	250	1.00	ET
2,4-Dichlorophenol	ND	250	1.00	ET
1,2,4-Trichlorobenzene	ND	250	1.00	ET
1-Methylnaphthalene	ND	250	1.00	ET
Naphthalene	ND	250	1.00	ET
4-Chloroaniline	ND	500	1.00	ET
Hexachloro-1,3-Butadiene	ND	250	1.00	ET
4-Chloro-3-Methylphenol	ND	250	1.00	ET
2-Methylnaphthalene	ND	250	1.00	ET
Hexachlorocyclopentadiene	ND	2500	1.00	ET
2,4,6-Trichlorophenol	ND	250	1.00	ET
2,4,5-Trichlorophenol	ND	250	1.00	ET
2-Chloronaphthalene	ND	250	1.00	ET
2-Nitroaniline	ND	250	1.00	ET

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 11 of 15

Parameter	Result	RL	DF	Qualifiers
Dimethyl Phthalate	ND	250	1.00	ET
Acenaphthylene	ND	250	1.00	ET
3-Nitroaniline	ND	250	1.00	ET
Acenaphthene	ND	250	1.00	ET
2,4-Dinitrophenol	ND	500	1.00	ET
4-Nitrophenol	ND	500	1.00	ET
Dibenzofuran	ND	250	1.00	ET
2,4-Dinitrotoluene	ND	130	1.00	ET
2,6-Dinitrotoluene	ND	250	1.00	ET
Diethyl Phthalate	ND	250	1.00	ET
4-Chlorophenyl-Phenyl Ether	ND	250	1.00	ET
Fluorene	ND	250	1.00	ET
4-Nitroaniline	ND	250	1.00	ET
Azobenzene	ND	250	1.00	ET
4,6-Dinitro-2-Methylphenol	ND	500	1.00	ET
N-Nitrosodiphenylamine	ND	250	1.00	ET
4-Bromophenyl-Phenyl Ether	ND	250	1.00	ET
Hexachlorobenzene	ND	130	1.00	ET
Pentachlorophenol	ND	500	1.00	ET
Phenanthrene	ND	250	1.00	ET
Anthracene	ND	250	1.00	ET
Di-n-Butyl Phthalate	ND	250	1.00	ET
Fluoranthene	ND	250	1.00	ET
Benzidine	ND	500	1.00	ET
Pyrene	ND	250	1.00	ET
Butyl Benzyl Phthalate	ND	250	1.00	ET
3,3'-Dichlorobenzidine	ND	250	1.00	ET
Benzo (a) Anthracene	ND	250	1.00	ET
Bis(2-Ethylhexyl) Phthalate	ND	250	1.00	ET
Chrysene	ND	250	1.00	ET
Di-n-Octyl Phthalate	ND	250	1.00	ET
Benzo (k) Fluoranthene	ND	250	1.00	ET
Benzo (b) Fluoranthene	ND	250	1.00	ET
Benzo (a) Pyrene	ND	250	1.00	ET
Dibenz (a,h) Anthracene	ND	250	1.00	ET
Indeno (1,2,3-c,d) Pyrene	ND	250	1.00	ET
Benzo (g,h,i) Perylene	ND	250	1.00	ET

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 12 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorophenol	58	23-77	
Phenol-d6	37	16-52	
Nitrobenzene-d5	96	38-122	
2-Fluorobiphenyl	89	33-117	
2,4,6-Tribromophenol	99	41-137	
p-Terphenyl-d14	88	45-129	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
		Units:	ug/L
Project: TCLP / 44003466			Page 13 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-025-625**	**N/A**	**Aqueous**	**GC/MS SS**	**05/22/19**	**05/23/19 19:25**	**190522L09**

Parameter	Result	RL	DF	Qualifiers
N-Nitrosodimethylamine	ND	250	1.00	
Aniline	ND	250	1.00	
Pyridine	ND	250	1.00	
Phenol	ND	250	1.00	
Bis(2-Chloroethyl) Ether	ND	250	1.00	
2-Chlorophenol	ND	250	1.00	
1,3-Dichlorobenzene	ND	250	1.00	
1,4-Dichlorobenzene	ND	250	1.00	
Benzyl Alcohol	ND	250	1.00	
1,2-Dichlorobenzene	ND	250	1.00	
2-Methylphenol	ND	250	1.00	
Bis(2-Chloroisopropyl) Ether	ND	250	1.00	
3/4-Methylphenol	ND	250	1.00	
N-Nitroso-di-n-propylamine	ND	250	1.00	
Hexachloroethane	ND	250	1.00	
Nitrobenzene	ND	250	1.00	
Isophorone	ND	250	1.00	
2-Nitrophenol	ND	250	1.00	
2,4-Dimethylphenol	ND	250	1.00	
Benzoic Acid	ND	500	1.00	
Bis(2-Chloroethoxy) Methane	ND	250	1.00	
2,4-Dichlorophenol	ND	250	1.00	
1,2,4-Trichlorobenzene	ND	250	1.00	
1-Methylnaphthalene	ND	250	1.00	
Naphthalene	ND	250	1.00	
4-Chloroaniline	ND	500	1.00	
Hexachloro-1,3-Butadiene	ND	250	1.00	
4-Chloro-3-Methylphenol	ND	250	1.00	
2-Methylnaphthalene	ND	250	1.00	
Hexachlorocyclopentadiene	ND	2500	1.00	
2,4,6-Trichlorophenol	ND	250	1.00	
2,4,5-Trichlorophenol	ND	250	1.00	
2-Chloronaphthalene	ND	250	1.00	
2-Nitroaniline	ND	250	1.00	
Dimethyl Phthalate	ND	250	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 14 of 15

Parameter	Result	RL	DF	Qualifiers
Acenaphthylene	ND	250	1.00	
3-Nitroaniline	ND	250	1.00	
Acenaphthene	ND	250	1.00	
2,4-Dinitrophenol	ND	500	1.00	
4-Nitrophenol	ND	500	1.00	
Dibenzofuran	ND	250	1.00	
2,4-Dinitrotoluene	ND	130	1.00	
2,6-Dinitrotoluene	ND	250	1.00	
Diethyl Phthalate	ND	250	1.00	
4-Chlorophenyl-Phenyl Ether	ND	250	1.00	
Fluorene	ND	250	1.00	
4-Nitroaniline	ND	250	1.00	
Azobenzene	ND	250	1.00	
4,6-Dinitro-2-Methylphenol	ND	500	1.00	
N-Nitrosodiphenylamine	ND	250	1.00	
4-Bromophenyl-Phenyl Ether	ND	250	1.00	
Hexachlorobenzene	ND	130	1.00	
Pentachlorophenol	ND	500	1.00	
Phenanthrene	ND	250	1.00	
Anthracene	ND	250	1.00	
Di-n-Butyl Phthalate	ND	250	1.00	
Fluoranthene	ND	250	1.00	
Benzidine	ND	500	1.00	
Pyrene	ND	250	1.00	
Butyl Benzyl Phthalate	ND	250	1.00	
3,3'-Dichlorobenzidine	ND	250	1.00	
Benzo (a) Anthracene	ND	250	1.00	
Bis(2-Ethylhexyl) Phthalate	ND	250	1.00	
Chrysene	ND	250	1.00	
Di-n-Octyl Phthalate	ND	250	1.00	
Benzo (k) Fluoranthene	ND	250	1.00	
Benzo (b) Fluoranthene	ND	250	1.00	
Benzo (a) Pyrene	ND	250	1.00	
Dibenz (a,h) Anthracene	ND	250	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	250	1.00	
Benzo (g,h,i) Perylene	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorophenol	56	23-77	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8270C
	Units:	ug/L
Project: TCLP / 44003466		Page 15 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
Phenol-d6	51	16-52	
Nitrobenzene-d5	77	38-122	
2-Fluorobiphenyl	68	33-117	
2,4,6-Tribromophenol	81	41-137	
p-Terphenyl-d14	81	45-129	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8260B
		Units:	ug/L
Project: TCLP / 44003466			Page 1 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR CAKE (440-240983-1)	**19-05-1429-1-A**	**05/07/19 13:45**	**Solid**	**GC/MS FFF**	**05/21/19**	**05/24/19 01:22**	**190523L039**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	2000	1.00	
Benzene	ND	100	1.00	
Bromobenzene	ND	100	1.00	
Bromochloromethane	ND	200	1.00	
Bromodichloromethane	ND	100	1.00	
Bromoform	ND	500	1.00	
Bromomethane	ND	5000	1.00	
2-Butanone	ND	2000	1.00	
n-Butylbenzene	ND	100	1.00	
sec-Butylbenzene	ND	100	1.00	
tert-Butylbenzene	ND	100	1.00	
Carbon Disulfide	ND	1000	1.00	
Carbon Tetrachloride	ND	50	1.00	
Chlorobenzene	ND	100	1.00	
Chloroethane	ND	300	1.00	
Chloroform	ND	100	1.00	
Chloromethane	ND	1000	1.00	
2-Chlorotoluene	ND	100	1.00	
4-Chlorotoluene	ND	100	1.00	
Dibromochloromethane	ND	200	1.00	
1,2-Dibromo-3-Chloropropane	ND	500	1.00	
1,2-Dibromoethane	ND	100	1.00	
Dibromomethane	ND	100	1.00	
1,2-Dichlorobenzene	ND	100	1.00	
1,3-Dichlorobenzene	ND	100	1.00	
1,4-Dichlorobenzene	ND	100	1.00	
Dichlorodifluoromethane	ND	500	1.00	
1,1-Dichloroethane	ND	100	1.00	
1,2-Dichloroethane	ND	50	1.00	
1,1-Dichloroethene	ND	100	1.00	
c-1,2-Dichloroethene	ND	100	1.00	
t-1,2-Dichloroethene	ND	100	1.00	
1,2-Dichloropropane	ND	100	1.00	
1,3-Dichloropropane	ND	100	1.00	
2,2-Dichloropropane	ND	100	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L
Project: TCLP / 44003466		Page 2 of 10

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	100	1.00	
c-1,3-Dichloropropene	ND	50	1.00	
t-1,3-Dichloropropene	ND	50	1.00	
Ethylbenzene	ND	100	1.00	
2-Hexanone	ND	1000	1.00	
Isopropylbenzene	ND	100	1.00	
p-Isopropyltoluene	ND	100	1.00	
Methylene Chloride	ND	1000	1.00	
4-Methyl-2-Pentanone	ND	1000	1.00	
Naphthalene	ND	1000	1.00	
n-Propylbenzene	ND	100	1.00	
Styrene	ND	100	1.00	
1,1,1,2-Tetrachloroethane	ND	200	1.00	
1,1,2,2-Tetrachloroethane	ND	100	1.00	
Tetrachloroethene	ND	100	1.00	
Toluene	ND	100	1.00	
1,2,3-Trichlorobenzene	ND	100	1.00	
1,2,4-Trichlorobenzene	ND	100	1.00	
1,1,1-Trichloroethane	ND	100	1.00	
1,1,2-Trichloroethane	ND	100	1.00	
Trichloroethene	ND	100	1.00	
Trichlorofluoromethane	ND	1000	1.00	
1,2,3-Trichloropropane	ND	500	1.00	
1,2,4-Trimethylbenzene	ND	100	1.00	
1,3,5-Trimethylbenzene	ND	100	1.00	
Vinyl Acetate	ND	1000	1.00	
Vinyl Chloride	ND	50	1.00	
p/m-Xylene	ND	200	1.00	
o-Xylene	ND	100	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	99	80-126	
1,2-Dichloroethane-d4	99	80-134	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8260B
		Units:	ug/L
Project: TCLP / 44003466			Page 3 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SLR GRIT (440-240983-2)	**19-05-1429-2-A**	**05/08/19 07:50**	**Solid**	**GC/MS FFF**	**05/21/19**	**05/24/19 01:56**	**190523L039**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	2000	1.00	
Benzene	ND	100	1.00	
Bromobenzene	ND	100	1.00	
Bromochloromethane	ND	200	1.00	
Bromodichloromethane	ND	100	1.00	
Bromoform	ND	500	1.00	
Bromomethane	ND	5000	1.00	
2-Butanone	ND	2000	1.00	
n-Butylbenzene	ND	100	1.00	
sec-Butylbenzene	ND	100	1.00	
tert-Butylbenzene	ND	100	1.00	
Carbon Disulfide	ND	1000	1.00	
Carbon Tetrachloride	ND	50	1.00	
Chlorobenzene	ND	100	1.00	
Chloroethane	ND	300	1.00	
Chloroform	ND	100	1.00	
Chloromethane	ND	1000	1.00	
2-Chlorotoluene	ND	100	1.00	
4-Chlorotoluene	ND	100	1.00	
Dibromochloromethane	ND	200	1.00	
1,2-Dibromo-3-Chloropropane	ND	500	1.00	
1,2-Dibromoethane	ND	100	1.00	
Dibromomethane	ND	100	1.00	
1,2-Dichlorobenzene	ND	100	1.00	
1,3-Dichlorobenzene	ND	100	1.00	
1,4-Dichlorobenzene	ND	100	1.00	
Dichlorodifluoromethane	ND	500	1.00	
1,1-Dichloroethane	ND	100	1.00	
1,2-Dichloroethane	ND	50	1.00	
1,1-Dichloroethene	ND	100	1.00	
c-1,2-Dichloroethene	ND	100	1.00	
t-1,2-Dichloroethene	ND	100	1.00	
1,2-Dichloropropane	ND	100	1.00	
1,3-Dichloropropane	ND	100	1.00	
2,2-Dichloropropane	ND	100	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L
Project: TCLP / 44003466		Page 4 of 10

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	100	1.00	
c-1,3-Dichloropropene	ND	50	1.00	
t-1,3-Dichloropropene	ND	50	1.00	
Ethylbenzene	ND	100	1.00	
2-Hexanone	ND	1000	1.00	
Isopropylbenzene	ND	100	1.00	
p-Isopropyltoluene	ND	100	1.00	
Methylene Chloride	ND	1000	1.00	
4-Methyl-2-Pentanone	ND	1000	1.00	
Naphthalene	ND	1000	1.00	
n-Propylbenzene	ND	100	1.00	
Styrene	ND	100	1.00	
1,1,1,2-Tetrachloroethane	ND	200	1.00	
1,1,2,2-Tetrachloroethane	ND	100	1.00	
Tetrachloroethene	ND	100	1.00	
Toluene	ND	100	1.00	
1,2,3-Trichlorobenzene	ND	100	1.00	
1,2,4-Trichlorobenzene	ND	100	1.00	
1,1,1-Trichloroethane	ND	100	1.00	
1,1,2-Trichloroethane	ND	100	1.00	
Trichloroethene	ND	100	1.00	
Trichlorofluoromethane	ND	1000	1.00	
1,2,3-Trichloropropane	ND	500	1.00	
1,2,4-Trimethylbenzene	ND	100	1.00	
1,3,5-Trimethylbenzene	ND	100	1.00	
Vinyl Acetate	ND	1000	1.00	
Vinyl Chloride	ND	50	1.00	
p/m-Xylene	ND	200	1.00	
o-Xylene	ND	100	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	98	80-126	
1,2-Dichloroethane-d4	99	80-134	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8260B
		Units:	ug/L
Project: TCLP / 44003466			Page 5 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LS CAKE (440-240983-3)	**19-05-1429-3-A**	**05/06/19 10:30**	**Solid**	**GC/MS FFF**	**05/21/19**	**05/24/19 02:30**	**190523L039**

Comment(s): - Sample extracted outside recommended holding time.

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	2000	1.00	ET
Benzene	ND	100	1.00	ET
Bromobenzene	ND	100	1.00	ET
Bromochloromethane	ND	200	1.00	ET
Bromodichloromethane	ND	100	1.00	ET
Bromoform	ND	500	1.00	ET
Bromomethane	ND	5000	1.00	ET
2-Butanone	ND	2000	1.00	ET
n-Butylbenzene	ND	100	1.00	ET
sec-Butylbenzene	ND	100	1.00	ET
tert-Butylbenzene	ND	100	1.00	ET
Carbon Disulfide	ND	1000	1.00	ET
Carbon Tetrachloride	ND	50	1.00	ET
Chlorobenzene	ND	100	1.00	ET
Chloroethane	ND	300	1.00	ET
Chloroform	ND	100	1.00	ET
Chloromethane	ND	1000	1.00	ET
2-Chlorotoluene	ND	100	1.00	ET
4-Chlorotoluene	ND	100	1.00	ET
Dibromochloromethane	ND	200	1.00	ET
1,2-Dibromo-3-Chloropropane	ND	500	1.00	ET
1,2-Dibromoethane	ND	100	1.00	ET
Dibromomethane	ND	100	1.00	ET
1,2-Dichlorobenzene	ND	100	1.00	ET
1,3-Dichlorobenzene	ND	100	1.00	ET
1,4-Dichlorobenzene	ND	100	1.00	ET
Dichlorodifluoromethane	ND	500	1.00	ET
1,1-Dichloroethane	ND	100	1.00	ET
1,2-Dichloroethane	ND	50	1.00	ET
1,1-Dichloroethene	ND	100	1.00	ET
c-1,2-Dichloroethene	ND	100	1.00	ET
t-1,2-Dichloroethene	ND	100	1.00	ET
1,2-Dichloropropane	ND	100	1.00	ET
1,3-Dichloropropane	ND	100	1.00	ET

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L
Project: TCLP / 44003466		Page 6 of 10

Parameter	Result	RL	DF	Qualifiers
2,2-Dichloropropane	ND	100	1.00	ET
1,1-Dichloropropene	ND	100	1.00	ET
c-1,3-Dichloropropene	ND	50	1.00	ET
t-1,3-Dichloropropene	ND	50	1.00	ET
Ethylbenzene	ND	100	1.00	ET
2-Hexanone	ND	1000	1.00	ET
Isopropylbenzene	ND	100	1.00	ET
p-Isopropyltoluene	ND	100	1.00	ET
Methylene Chloride	ND	1000	1.00	ET
4-Methyl-2-Pentanone	ND	1000	1.00	ET
Naphthalene	ND	1000	1.00	ET
n-Propylbenzene	ND	100	1.00	ET
Styrene	ND	100	1.00	ET
1,1,1,2-Tetrachloroethane	ND	200	1.00	ET
1,1,2,2-Tetrachloroethane	ND	100	1.00	ET
Tetrachloroethene	ND	100	1.00	ET
Toluene	ND	100	1.00	ET
1,2,3-Trichlorobenzene	ND	100	1.00	ET
1,2,4-Trichlorobenzene	ND	100	1.00	ET
1,1,1-Trichloroethane	ND	100	1.00	ET
1,1,2-Trichloroethane	ND	100	1.00	ET
Trichloroethene	ND	100	1.00	ET
Trichlorofluoromethane	ND	1000	1.00	ET
1,2,3-Trichloropropane	ND	500	1.00	ET
1,2,4-Trimethylbenzene	ND	100	1.00	ET
1,3,5-Trimethylbenzene	ND	100	1.00	ET
Vinyl Acetate	ND	1000	1.00	ET
Vinyl Chloride	ND	50	1.00	ET
p/m-Xylene	ND	200	1.00	ET
o-Xylene	ND	100	1.00	ET
Methyl-t-Butyl Ether (MTBE)	ND	100	1.00	ET

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	99	80-126	
1,2-Dichloroethane-d4	98	80-134	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8260B
		Units:	ug/L
Project: TCLP / 44003466			Page 7 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LS GRIT (440-240983-4)	**19-05-1429-4-A**	**05/06/19 10:40**	**Solid**	**GC/MS FFF**	**05/21/19**	**05/24/19 03:03**	**190523L039**

Comment(s): - Sample extracted outside recommended holding time.

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	2000	1.00	ET
Benzene	ND	100	1.00	ET
Bromobenzene	ND	100	1.00	ET
Bromochloromethane	ND	200	1.00	ET
Bromodichloromethane	ND	100	1.00	ET
Bromoform	ND	500	1.00	ET
Bromomethane	ND	5000	1.00	ET
2-Butanone	ND	2000	1.00	ET
n-Butylbenzene	ND	100	1.00	ET
sec-Butylbenzene	ND	100	1.00	ET
tert-Butylbenzene	ND	100	1.00	ET
Carbon Disulfide	ND	1000	1.00	ET
Carbon Tetrachloride	ND	50	1.00	ET
Chlorobenzene	ND	100	1.00	ET
Chloroethane	ND	300	1.00	ET
Chloroform	ND	100	1.00	ET
Chloromethane	ND	1000	1.00	ET
2-Chlorotoluene	ND	100	1.00	ET
4-Chlorotoluene	ND	100	1.00	ET
Dibromochloromethane	ND	200	1.00	ET
1,2-Dibromo-3-Chloropropane	ND	500	1.00	ET
1,2-Dibromoethane	ND	100	1.00	ET
Dibromomethane	ND	100	1.00	ET
1,2-Dichlorobenzene	ND	100	1.00	ET
1,3-Dichlorobenzene	ND	100	1.00	ET
1,4-Dichlorobenzene	ND	100	1.00	ET
Dichlorodifluoromethane	ND	500	1.00	ET
1,1-Dichloroethane	ND	100	1.00	ET
1,2-Dichloroethane	ND	50	1.00	ET
1,1-Dichloroethene	ND	100	1.00	ET
c-1,2-Dichloroethene	ND	100	1.00	ET
t-1,2-Dichloroethene	ND	100	1.00	ET
1,2-Dichloropropane	ND	100	1.00	ET
1,3-Dichloropropane	ND	100	1.00	ET

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L
Project: TCLP / 44003466		Page 8 of 10

Parameter	Result	RL	DF	Qualifiers
2,2-Dichloropropane	ND	100	1.00	ET
1,1-Dichloropropene	ND	100	1.00	ET
c-1,3-Dichloropropene	ND	50	1.00	ET
t-1,3-Dichloropropene	ND	50	1.00	ET
Ethylbenzene	ND	100	1.00	ET
2-Hexanone	ND	1000	1.00	ET
Isopropylbenzene	ND	100	1.00	ET
p-Isopropyltoluene	ND	100	1.00	ET
Methylene Chloride	ND	1000	1.00	ET
4-Methyl-2-Pentanone	ND	1000	1.00	ET
Naphthalene	ND	1000	1.00	ET
n-Propylbenzene	ND	100	1.00	ET
Styrene	ND	100	1.00	ET
1,1,1,2-Tetrachloroethane	ND	200	1.00	ET
1,1,2,2-Tetrachloroethane	ND	100	1.00	ET
Tetrachloroethene	ND	100	1.00	ET
Toluene	ND	100	1.00	ET
1,2,3-Trichlorobenzene	ND	100	1.00	ET
1,2,4-Trichlorobenzene	ND	100	1.00	ET
1,1,1-Trichloroethane	ND	100	1.00	ET
1,1,2-Trichloroethane	ND	100	1.00	ET
Trichloroethene	ND	100	1.00	ET
Trichlorofluoromethane	ND	1000	1.00	ET
1,2,3-Trichloropropane	ND	500	1.00	ET
1,2,4-Trimethylbenzene	ND	100	1.00	ET
1,3,5-Trimethylbenzene	ND	100	1.00	ET
Vinyl Acetate	ND	1000	1.00	ET
Vinyl Chloride	ND	50	1.00	ET
p/m-Xylene	ND	200	1.00	ET
o-Xylene	ND	100	1.00	ET
Methyl-t-Butyl Ether (MTBE)	ND	100	1.00	ET

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	98	80-126	
1,2-Dichloroethane-d4	97	80-134	
Toluene-d8	101	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8260B
		Units:	ug/L
Project: TCLP / 44003466			Page 9 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-519-1806**	**N/A**	**Aqueous**	**GC/MS FFF**	**05/21/19**	**05/23/19 22:33**	**190523L039**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	2000	1.00	
Benzene	ND	100	1.00	
Bromobenzene	ND	100	1.00	
Bromochloromethane	ND	200	1.00	
Bromodichloromethane	ND	100	1.00	
Bromoform	ND	500	1.00	
Bromomethane	ND	5000	1.00	
2-Butanone	ND	2000	1.00	
n-Butylbenzene	ND	100	1.00	
sec-Butylbenzene	ND	100	1.00	
tert-Butylbenzene	ND	100	1.00	
Carbon Disulfide	ND	1000	1.00	
Carbon Tetrachloride	ND	50	1.00	
Chlorobenzene	ND	100	1.00	
Chloroethane	ND	300	1.00	
Chloroform	ND	100	1.00	
Chloromethane	ND	1000	1.00	
2-Chlorotoluene	ND	100	1.00	
4-Chlorotoluene	ND	100	1.00	
Dibromochloromethane	ND	200	1.00	
1,2-Dibromo-3-Chloropropane	ND	500	1.00	
1,2-Dibromoethane	ND	100	1.00	
Dibromomethane	ND	100	1.00	
1,2-Dichlorobenzene	ND	100	1.00	
1,3-Dichlorobenzene	ND	100	1.00	
1,4-Dichlorobenzene	ND	100	1.00	
Dichlorodifluoromethane	ND	500	1.00	
1,1-Dichloroethane	ND	100	1.00	
1,2-Dichloroethane	ND	50	1.00	
1,1-Dichloroethene	ND	100	1.00	
c-1,2-Dichloroethene	ND	100	1.00	
t-1,2-Dichloroethene	ND	100	1.00	
1,2-Dichloropropane	ND	100	1.00	
1,3-Dichloropropane	ND	100	1.00	
2,2-Dichloropropane	ND	100	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

TestAmerica	Date Received:	05/17/19
17461 Derian Avenue, Suite 100	Work Order:	19-05-1429
Irvine, CA 92614-5845	Preparation:	EPA 1311
	Method:	EPA 8260B
	Units:	ug/L
Project: TCLP / 44003466		Page 10 of 10

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	100	1.00	
c-1,3-Dichloropropene	ND	50	1.00	
t-1,3-Dichloropropene	ND	50	1.00	
Ethylbenzene	ND	100	1.00	
2-Hexanone	ND	1000	1.00	
Isopropylbenzene	ND	100	1.00	
p-Isopropyltoluene	ND	100	1.00	
Methylene Chloride	ND	1000	1.00	
4-Methyl-2-Pentanone	ND	1000	1.00	
Naphthalene	ND	1000	1.00	
n-Propylbenzene	ND	100	1.00	
Styrene	ND	100	1.00	
1,1,1,2-Tetrachloroethane	ND	200	1.00	
1,1,2,2-Tetrachloroethane	ND	100	1.00	
Tetrachloroethene	ND	100	1.00	
Toluene	ND	100	1.00	
1,2,3-Trichlorobenzene	ND	100	1.00	
1,2,4-Trichlorobenzene	ND	100	1.00	
1,1,1-Trichloroethane	ND	100	1.00	
1,1,2-Trichloroethane	ND	100	1.00	
Trichloroethene	ND	100	1.00	
Trichlorofluoromethane	ND	1000	1.00	
1,2,3-Trichloropropane	ND	500	1.00	
1,2,4-Trimethylbenzene	ND	100	1.00	
1,3,5-Trimethylbenzene	ND	100	1.00	
Vinyl Acetate	ND	1000	1.00	
Vinyl Chloride	ND	50	1.00	
p/m-Xylene	ND	200	1.00	
o-Xylene	ND	100	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	98	80-126	
1,2-Dichloroethane-d4	98	80-134	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
Project: TCLP / 44003466			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-05-1379-1	**Sample**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:20**	**190522SA1**
19-05-1379-1	**Matrix Spike**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:25**	**190522SA1**
19-05-1379-1	**Matrix Spike Duplicate**	**Solid**	**ICP 8300**	**05/21/19**	**05/23/19 17:26**	**190522SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	5.000	5.942	119	5.958	119	72-132	0	0-10	
Arsenic	ND	5.000	4.866	97	4.877	98	80-140	0	0-11	
Barium	0.3089	5.000	5.478	103	5.506	104	87-123	1	0-6	
Beryllium	ND	5.000	5.085	102	5.117	102	89-119	1	0-8	
Cadmium	ND	5.000	5.201	104	5.268	105	82-124	1	0-7	
Chromium	ND	5.000	5.145	103	5.145	103	86-122	0	0-8	
Cobalt	ND	5.000	4.861	97	4.894	98	83-125	1	0-7	
Copper	ND	5.000	5.030	101	5.073	101	78-126	1	0-7	
Lead	ND	5.000	5.271	105	5.341	107	84-120	1	0-7	
Molybdenum	ND	5.000	5.038	101	5.085	102	78-126	1	0-7	
Nickel	ND	5.000	5.228	105	5.267	105	84-120	1	0-7	
Selenium	ND	5.000	5.056	101	5.146	103	79-127	2	0-9	
Silver	ND	2.500	2.571	103	2.585	103	86-128	1	0-7	
Thallium	ND	5.000	4.777	96	4.721	94	79-121	1	0-8	
Vanadium	ND	5.000	4.630	93	4.682	94	88-118	1	0-7	
Zinc	ND	5.000	6.812	136	6.847	137	89-131	1	0-8	3

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 7470A
Project: TCLP / 44003466			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-05-1109-1	**Sample**	**Solid**	**Mercury 08**	**05/16/19**	**05/22/19 20:05**	**190522SA3**
19-05-1109-1	**Matrix Spike**	**Solid**	**Mercury 08**	**05/16/19**	**05/22/19 20:08**	**190522SA3**
19-05-1109-1	**Matrix Spike Duplicate**	**Solid**	**Mercury 08**	**05/16/19**	**05/22/19 20:10**	**190522SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.05000	0.05100	102	0.05244	105	55-133	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
Project: TCLP / 44003466			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-05-1379-3	**Sample**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 14:54**	**190522S09**
19-05-1379-3	**Matrix Spike**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 13:37**	**190522S09**
19-05-1379-3	**Matrix Spike Duplicate**	**Solid**	**GC/MS SS**	**05/21/19**	**05/23/19 13:56**	**190522S09**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Phenol	ND	2000	780.8	39	854.3	43	0-115	9	0-23	
2-Chlorophenol	ND	2000	1774	89	1827	91	35-105	3	0-18	
1,4-Dichlorobenzene	ND	2000	1739	87	1709	85	30-100	2	0-26	
N-Nitroso-di-n-propylamine	ND	2000	1794	90	1822	91	35-130	2	0-13	
1,2,4-Trichlorobenzene	ND	2000	1884	94	1775	89	35-105	6	0-21	
Naphthalene	ND	2000	1748	87	1691	85	40-100	3	0-20	
4-Chloro-3-Methylphenol	ND	2000	1813	91	1860	93	45-110	3	0-40	
Dimethyl Phthalate	ND	2000	1824	91	1812	91	25-125	1	0-20	
Acenaphthylene	ND	2000	1959	98	1948	97	50-105	1	0-20	
Acenaphthene	ND	2000	1736	87	1725	86	45-110	1	0-11	
4-Nitrophenol	ND	2000	930.8	47	1004	50	20-150	8	0-40	
2,4-Dinitrotoluene	ND	2000	1885	94	1943	97	50-120	3	0-36	
Fluorene	ND	2000	1771	89	1784	89	50-110	1	0-20	
Pentachlorophenol	ND	2000	1652	83	1664	83	40-115	1	0-40	
Pyrene	ND	2000	1730	87	1668	83	50-130	4	0-20	
Butyl Benzyl Phthalate	ND	2000	1964	98	1881	94	45-115	4	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8260B
Project: TCLP / 44003466			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-05-1468-1	**Sample**	**Solid**	**GC/MS FFF**	**05/20/19**	**05/23/19 23:07**	**190523S015**
19-05-1468-1	**Matrix Spike**	**Solid**	**GC/MS FFF**	**05/20/19**	**05/24/19 04:11**	**190523S015**
19-05-1468-1	**Matrix Spike Duplicate**	**Solid**	**GC/MS FFF**	**05/20/19**	**05/24/19 04:45**	**190523S015**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	5000	5337	107	5296	106	78-120	1	0-20	
Carbon Tetrachloride	ND	5000	5438	109	5323	106	67-139	2	0-20	
Chlorobenzene	ND	5000	5128	103	5127	103	80-120	0	0-20	
1,2-Dibromoethane	ND	5000	4989	100	4842	97	80-123	3	0-20	
1,2-Dichlorobenzene	ND	5000	5071	101	5055	101	76-120	0	0-20	
1,2-Dichloroethane	ND	5000	4718	94	4640	93	76-130	2	0-20	
1,1-Dichloroethene	ND	5000	5164	103	5319	106	70-130	3	0-27	
Ethylbenzene	ND	5000	5335	107	5301	106	73-127	1	0-20	
Toluene	ND	5000	5393	108	5352	107	72-126	1	0-20	
Trichloroethene	ND	5000	5229	105	5213	104	74-122	0	0-20	
Vinyl Chloride	ND	5000	5404	108	5248	105	65-131	3	0-24	
p/m-Xylene	ND	10000	10430	104	10330	103	70-130	1	0-30	
o-Xylene	ND	5000	5301	106	5237	105	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	5000	4356	87	4229	85	69-123	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 6010B
Project: TCLP / 44003466			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-021-2948	**LCS**	**Aqueous**	**ICP 8300**	**05/21/19**	**05/23/19 17:18**	**190522LA1**
099-14-021-2948	**LCSD**	**Aqueous**	**ICP 8300**	**05/21/19**	**05/23/19 17:19**	**190522LA1**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	5.000	5.771	115	5.685	114	80-120	73-127	2	0-20	
Arsenic	5.000	4.609	92	4.472	89	80-120	73-127	3	0-20	
Barium	5.000	5.242	105	5.212	104	80-120	73-127	1	0-20	
Beryllium	5.000	4.920	98	4.897	98	80-120	73-127	0	0-20	
Cadmium	5.000	5.224	104	5.222	104	80-120	73-127	0	0-20	
Chromium	5.000	5.155	103	5.135	103	80-120	73-127	0	0-20	
Cobalt	5.000	5.170	103	5.121	102	80-120	73-127	1	0-20	
Copper	5.000	5.017	100	4.979	100	80-120	73-127	1	0-20	
Lead	5.000	5.275	106	5.301	106	80-120	73-127	0	0-20	
Molybdenum	5.000	5.074	101	5.050	101	80-120	73-127	0	0-20	
Nickel	5.000	5.367	107	5.322	106	80-120	73-127	1	0-20	
Selenium	5.000	4.848	97	4.755	95	80-120	73-127	2	0-20	
Silver	2.500	2.467	99	2.464	99	80-120	73-127	0	0-20	
Thallium	5.000	4.724	94	4.681	94	80-120	73-127	1	0-20	
Vanadium	5.000	4.601	92	4.567	91	80-120	73-127	1	0-20	
Zinc	5.000	4.591	92	4.553	91	80-120	73-127	1	0-20	

Total number of LCS compounds: 16

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 7470A
Project: TCLP / 44003466			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-005-1801	**LCS**	**Aqueous**	**Mercury 08**	**05/21/19**	**05/22/19 20:03**	**190522LA3A**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.05000	0.04539	91	80-120	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 1311
		Method:	EPA 8270C
Project: TCLP / 44003466			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-025-625	**LCS**	**Aqueous**	**GC/MS SS**	**05/22/19**	**05/23/19 13:18**	**190522L09**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Phenol	2000	819.3	41	7-91	0-105	
2-Chlorophenol	2000	1900	95	60-114	51-123	
1,4-Dichlorobenzene	2000	1808	90	33-111	20-124	
N-Nitroso-di-n-propylamine	2000	1912	96	53-125	41-137	
1,2,4-Trichlorobenzene	2000	1888	94	45-111	34-122	
Naphthalene	2000	1793	90	55-109	46-118	
4-Chloro-3-Methylphenol	2000	1858	93	62-116	53-125	
Dimethyl Phthalate	2000	1944	97	70-112	63-119	
Acenaphthylene	2000	2051	103	73-109	67-115	
Acenaphthene	2000	1834	92	64-112	56-120	
4-Nitrophenol	2000	966.2	48	6-96	0-111	
2,4-Dinitrotoluene	2000	2041	102	67-127	57-137	
Fluorene	2000	1898	95	63-117	54-126	
Pentachlorophenol	2000	1691	85	15-123	0-141	
Pyrene	2000	1791	90	66-120	57-129	
Butyl Benzyl Phthalate	2000	1977	99	66-126	56-136	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

TestAmerica		Date Received:	05/17/19
17461 Derian Avenue, Suite 100		Work Order:	19-05-1429
Irvine, CA 92614-5845		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: TCLP / 44003466			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-519-1806	**LCS**	**Aqueous**	**GC/MS FFF**	**05/23/19**	**05/23/19 18:19**	**190523L039**
099-14-519-1806	**LCSD**	**Aqueous**	**GC/MS FFF**	**05/23/19**	**05/23/19 18:53**	**190523L039**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	50.74	101	51.60	103	80-120	73-127	2	0-20	
Carbon Tetrachloride	50.00	49.12	98	50.14	100	66-138	54-150	2	0-20	
Chlorobenzene	50.00	50.86	102	51.56	103	80-120	73-127	1	0-20	
1,2-Dibromoethane	50.00	51.52	103	51.97	104	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	50.00	52.08	104	51.68	103	80-120	73-127	1	0-20	
1,2-Dichloroethane	50.00	47.39	95	46.92	94	80-129	72-137	1	0-20	
1,1-Dichloroethene	50.00	48.61	97	48.82	98	71-131	61-141	0	0-20	
Ethylbenzene	50.00	52.05	104	53.33	107	80-123	73-130	2	0-20	
Toluene	50.00	51.21	102	51.85	104	79-121	72-128	1	0-20	
Trichloroethene	50.00	50.29	101	51.32	103	80-120	73-127	2	0-20	
Vinyl Chloride	50.00	48.48	97	49.15	98	70-136	59-147	1	0-20	
p/m-Xylene	100.0	101.6	102	102.8	103	75-125	67-133	1	0-25	
o-Xylene	50.00	51.75	104	52.55	105	75-125	67-133	2	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	43.98	88	43.16	86	72-126	63-135	2	0-22	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

1 2 3 4 5 6 7 8 9 10 11 12 13
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Sample Analysis Summary Report

Work Order: 19-05-1429

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 6010B	EPA 1311	1080	ICP 8300	1
EPA 7470A	EPA 1311	868	Mercury 08	1
EPA 8260B	EPA 1311	1178	GC/MS FFF	2
EPA 8270C	EPA 1311	923	GC/MS SS	1

1 2 3 4 5 6 7 8 9 10 11 12 13
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Glossary of Terms and Qualifiers

Work Order: 19-05-1429

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

1 2 3 4 5 6 7 8 9 10 11 12 13
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Eurofins TestAmerica, Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Hsu, Janice	Carrier Tracking No(s):	COC No: 440-138553.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: janice.hsu@testamericainc.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note):		Job #: 440-240983-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 5/15/2019			
City: Garden Grove	TAT Requested (days):			
State, Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			
Email:	WO #: 19-05-1429			
Project Name: TCLP	Project #: 44003466			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Eurofins-TCLP CAM17 full list)/ Eurofins-TCLP CAM17 full list	SUB (Eurofins-TCLP 8270)/ Eurofins-TCLP 8270	SUB (Eurofins TCLP 8260 Full/Oxy/Ketones)/ Eurofins TCLP 8260 Full/Oxy/Ketones	Total Number of containers	Special Instructions/Note:
Preservation Code:											
SLR CAKE (440-240983-1) 1	5/7/19	13:45 Pacific		Solid			X	X	X	1	Eurofins-TCLP CAM17 full list, Eurofins-TCLP 8270, Eurofins TCLP 8260
SLR GRIT (440-240983-2) 2	5/8/19	07:50 Pacific		Solid			X	X	X	1	Eurofins-TCLP CAM17 full list, Eurofins-TCLP 8270, Eurofins TCLP 8260
LS CAKE (440-240983-3) 3	5/6/19	10:30 Pacific		Solid			X	X	X	1	Eurofins-TCLP CAM17 full list, Eurofins-TCLP 8270, Eurofins TCLP 8260
LS GRIT (440-240983-4) 4	5/6/19	10:40 Pacific		Solid			X	X	X	1	Eurofins-TCLP CAM17 full list, Eurofins-TCLP 8270, Eurofins TCLP 8260

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
A. Kennedy	5/16/19 1700	TA IRV	[illegible]	5/17/19 10:00	EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
(Fedex)		

Ver: 01/16/2019

1429

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ORIGIN ID:DTHA (949) 261-1022
TESTAMERICA-IRVINE/SAMPLE CONTROL
17461 DERIAN AVE
SUITE 100
IRVINE, CA 92614
UNITED STATES US

SHIP DATE: 16MAY19
ACTWGT: 32.20 LB
CAD: 616730/CAFE3211

BILL SENDER

TO SHIPPING/RECEIVING
EUROFINS CALSCIENCE LLC
7440 LINCOLN WAY

GARDEN GROVE CA 92841
(714) 895-5494 REF: 8440-165219
PO: YES

FedEx Express

TRK# 0201 4538 3731 3263

FRI - 17 MAY 10:30A
PRIORITY OVERNIGHT

92 APVA

92841
CA-US SNA

eurofins | Calscience

WORK ORDER NUMBER: 19-05-1429

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: TA, Irvine

DATE: 05/17/2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.2°C); Temperature (w/o CF): 2.8 °C (w/ CF): 2.6 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 836

CUSTODY SEAL:

Cooler	☑ Present and Intact	☐ Present but Not Intact	☐ Not Present	☐ N/A	Checked by: 836
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 836

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☑	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na₂** ☐ 100PJ ☐ 100PJ**na₂** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** (pH__9)

☐ 250AGB ☐ 250CGB ☐ 250CGB**s** (pH__2) ☐ 250PB ☐ 250PB**n** (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** (pH__2) ☐ 500PB

☐ 1AGB ☐ 1AGB**na₂** ☐ 1AGB**s** (pH__2) ☐ 1AGB**s** (O&G) ☐ 1PB ☐ 1PB**na** (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (___) ☐ EnCores® (___) ☐ TerraCores® (___) ☑ 1C65 ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na₂** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 836

Reviewed by: 300

TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

180767

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Luke Christian	Site Contact:	Date:	COC No.
Company Name	City of Oceanside	Tel/Fax: 760-435-5949	Lab Contact:	Carrier:	____ of ____ COCs
Address	3950 N. River Rd.	Analysis Turnaround Time			Sampler
City/State/Zip	Oceanside, CA 92058	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone	760-435-5949	TAT if different from Below ____			Walk-in Client
Fax		☒ 2 weeks			Lab Sampling
Project Name	TCLP	☐ 1 week			
Site		☐ 2 days			Job / SDG No.:
P O #	TCLP	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCLP - Volatiles	TCLP - Semi Volatiles	Paint Filter Test	Extractable Fuel Hydrocs	Volatile Fuel Hydrocs	TCLP - Title 22 Metals	Percent total solids *	Sample Specific Notes
SLR Cake	5-7-19	1345	C	S	1			X	X	X	X	X	X	X	* Percent total solids have a 7 day holding time.
SLR Grit	5-8-19	0750	↓	↓	↓			↓	↓	↓	↓	↓	↓	↓	
LS Cake	5-6-19	1030	↓	↓	↓			↓	↓	↓	↓	↓	↓	↓	
LS Grit	↓	1040	↓	↓	↓			↓	↓	↓	↓	↓	↓	↓	

440-240983 Chain of Custody

Preservation Used: 1=Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No.. | Cooler Temp (°C). Obs'd. 18 Corr'd. 2.1 | Therm ID No.: IR94

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	Oside	5-8-19/0930	Ponce Pablo	DCS	5-8-19 · 9:30 AM
Ponce Pablo	DCS	5-8-19 5:00pm			
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			Olga Cruces	TAIRU.	5/8/19 1710

LB 5/9/19

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Denali_007319

7/18/2019

13 12 11 10 9 8 7 6 5 4 3 2 1

Login Sample Receipt Checklist

Client: City of Oceanside

Job Number: 440-240983-1

Login Number: 240983
List Number: 1
Creator: Bonta, Lucia F

List Source: Eurofins TestAmerica, Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	