GrafCon

August 10, 2017

Mr. Keith Nowell
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda , CA 94502-6540

Subject: Request for Approval of Import Fill Material
2240 Filbert Street, Oakland,
ACDEH case # RO3157 and GeoTracker Global ID T10000006445

Dear Keith,

City Ventures is seeking approval from the Alameda County Department of Environmental Health (ACDEH) to import approximately 3,000 cubic yards of Stevens Creek Quarry 3" Minus Engineered Fill from their Sheridan Plant located in Sunol, California.

We have reviewed both the original and updated analytical reports for the material, and the letter and email from the quarry confirming that the sample collected is representative of the current quarry material being exported (attached). The additional analyses were run to obtain required detection limits. Based on our review of the analytical reports, the soil does not contain contaminants exceeding unrestricted residential criteria listed in the RWQCB Environmental Screening Levels (ESLs) June 2016 Rev3 edition, or, in the case of arsenic, above approved background concentrations. The scope of analyses also appears appropriate for the area where the soil is sourced, and the detection limits for the analyses are below the unrestricted ESLs.

We look forward to your review of the materials for the use of this soil at the above referenced site. If you have further questions please feel free to contact the undersigned.

Thank you for your assistance with this project.

Regards,

Tom Graf
GrafCon

P.O. Box 1105, Tiburon, CA 94920 Phone: 415.290.5034

Schreiner, Dan

Subject: FW: Dirt Movers Oakland 2=Import Fill Submittal Data from Stevens Creek Quarry

---

From: Idemoto, Mark [mailto:MIdemoto@scqinc.com]
Sent: Tuesday, August 08, 2017 11:57 AM
To: Tom Graf <tom@grafcon.us>; Mallin, Mark <MMallin@scqinc.com>
Cc: Schreiner, Dan <Dan.Schreiner@stantec.com>; Lisa M. Rubinger <purchasing@dirtmoversca.com>
Subject: RE: Dirt Movers Oakland 2=Import Fill Submittal Data from Stevens Creek Quarry

August 8, 2017

Tom,

Our individual sample data results are typical of our Sheridan 3" Minus Engineered Fill product. Our site is open to further stockpile sampling & verification by others during normal M-F hours.

Thank you.

Sincerely,

Mark Idemoto
Stevens Creek Quarry
12100 Stevens Canyon Road
Cupertino, CA 95014

Cell (408) 640-9378
Office (408) 253-2512
Midemoto@scqinc.com


FILL STOCK
RAW FEED

McCampbell Analytical, Inc.
"When Quality Counts"

Analytical Report

WorkOrder: 1708141

Report Created for: Stevens Creek Quarry

12100 Stevens Canyon Road
Cupertino, CA 95014

Project Contact: Mark Mallin
Project P.O.:
Project Name: 8059; P7 Engineered Fill

Project Received: 08/02/2017

Analytical Report reviewed & approved for release on 08/04/2017 by:

Angela Rydelius,
Laboratory Manager

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Stevens Creek Quarry
Project: 8059; P7 Engineered Fill
WorkOrder: 1708141

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

e7	Oil range compounds are significant

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Stevens Creek Quarry
Project: 8059; P7 Engineered Fill
WorkOrder: 1708141

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3060A
Date Prepared:	8/2/17	**Analytical Method:**	SW7199
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	IC2	143092

Analytes	Result	MDL	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.10	0.20	1	08/03/2017 03:53

Analyst(s): AO

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3550B/3620B/3640A
Date Prepared:	8/2/17	**Analytical Method:**	SW8081A/8082
Project:	8059; P7 Engineered Fill	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ GPC & Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC23	143144

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	08/04/2017 06:42
a-BHC	ND	0.0010	1	08/04/2017 06:42
b-BHC	ND	0.0010	1	08/04/2017 06:42
d-BHC	ND	0.0010	1	08/04/2017 06:42
g-BHC	ND	0.0010	1	08/04/2017 06:42
Chlordane (Technical)	ND	0.025	1	08/04/2017 06:42
a-Chlordane	ND	0.0010	1	08/04/2017 06:42
g-Chlordane	ND	0.0010	1	08/04/2017 06:42
p,p-DDD	ND	0.0010	1	08/04/2017 06:42
p,p-DDE	ND	0.0010	1	08/04/2017 06:42
p,p-DDT	ND	0.0010	1	08/04/2017 06:42
Dieldrin	ND	0.0010	1	08/04/2017 06:42
Endosulfan I	ND	0.0010	1	08/04/2017 06:42
Endosulfan II	ND	0.0010	1	08/04/2017 06:42
Endosulfan sulfate	ND	0.0010	1	08/04/2017 06:42
Endrin	ND	0.0010	1	08/04/2017 06:42
Endrin aldehyde	ND	0.0010	1	08/04/2017 06:42
Endrin ketone	ND	0.0010	1	08/04/2017 06:42
Heptachlor	ND	0.0010	1	08/04/2017 06:42
Heptachlor epoxide	ND	0.0010	1	08/04/2017 06:42
Hexachlorobenzene	ND	0.010	1	08/04/2017 06:42
Hexachlorocyclopentadiene	ND	0.020	1	08/04/2017 06:42
Methoxychlor	ND	0.0010	1	08/04/2017 06:42
Toxaphene	ND	0.050	1	08/04/2017 06:42
Aroclor1016	ND	0.050	1	08/04/2017 06:42
Aroclor1221	ND	0.050	1	08/04/2017 06:42
Aroclor1232	ND	0.050	1	08/04/2017 06:42
Aroclor1242	ND	0.050	1	08/04/2017 06:42
Aroclor1248	ND	0.050	1	08/04/2017 06:42
Aroclor1254	ND	0.050	1	08/04/2017 06:42
Aroclor1260	ND	0.050	1	08/04/2017 06:42
PCBs, total	ND	0.050	1	08/04/2017 06:42

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	114	70-130	08/04/2017 06:42

Analyst(s): LT

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW5030B
Date Prepared:	8/2/17	**Analytical Method:**	SW8260B
Project:	8059; P7 Engineered Fill	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC38	143053

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	08/03/2017 15:01
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/03/2017 15:01
Benzene	ND	0.0050	1	08/03/2017 15:01
Bromobenzene	ND	0.0050	1	08/03/2017 15:01
Bromochloromethane	ND	0.0050	1	08/03/2017 15:01
Bromodichloromethane	ND	0.0050	1	08/03/2017 15:01
Bromoform	ND	0.0050	1	08/03/2017 15:01
Bromomethane	ND	0.0050	1	08/03/2017 15:01
2-Butanone (MEK)	ND	0.020	1	08/03/2017 15:01
t-Butyl alcohol (TBA)	ND	0.050	1	08/03/2017 15:01
n-Butyl benzene	ND	0.0050	1	08/03/2017 15:01
sec-Butyl benzene	ND	0.0050	1	08/03/2017 15:01
tert-Butyl benzene	ND	0.0050	1	08/03/2017 15:01
Carbon Disulfide	ND	0.0050	1	08/03/2017 15:01
Carbon Tetrachloride	ND	0.0050	1	08/03/2017 15:01
Chlorobenzene	ND	0.0050	1	08/03/2017 15:01
Chloroethane	ND	0.0050	1	08/03/2017 15:01
Chloroform	ND	0.0050	1	08/03/2017 15:01
Chloromethane	ND	0.0050	1	08/03/2017 15:01
2-Chlorotoluene	ND	0.0050	1	08/03/2017 15:01
4-Chlorotoluene	ND	0.0050	1	08/03/2017 15:01
Dibromochloromethane	ND	0.0050	1	08/03/2017 15:01
1,2-Dibromo-3-chloropropane	ND	0.0040	1	08/03/2017 15:01
1,2-Dibromoethane (EDB)	ND	0.0040	1	08/03/2017 15:01
Dibromomethane	ND	0.0050	1	08/03/2017 15:01
1,2-Dichlorobenzene	ND	0.0050	1	08/03/2017 15:01
1,3-Dichlorobenzene	ND	0.0050	1	08/03/2017 15:01
1,4-Dichlorobenzene	ND	0.0050	1	08/03/2017 15:01
Dichlorodifluoromethane	ND	0.0050	1	08/03/2017 15:01
1,1-Dichloroethane	ND	0.0050	1	08/03/2017 15:01
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	08/03/2017 15:01
1,1-Dichloroethene	ND	0.0050	1	08/03/2017 15:01
cis-1,2-Dichloroethene	ND	0.0050	1	08/03/2017 15:01
trans-1,2-Dichloroethene	ND	0.0050	1	08/03/2017 15:01
1,2-Dichloropropane	ND	0.0050	1	08/03/2017 15:01
1,3-Dichloropropane	ND	0.0050	1	08/03/2017 15:01
2,2-Dichloropropane	ND	0.0050	1	08/03/2017 15:01

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW5030B
Date Prepared:	8/2/17	**Analytical Method:**	SW8260B
Project:	8059; P7 Engineered Fill	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC38	143053

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/03/2017 15:01
cis-1,3-Dichloropropene	ND	0.0050	1	08/03/2017 15:01
trans-1,3-Dichloropropene	ND	0.0050	1	08/03/2017 15:01
Diisopropyl ether (DIPE)	ND	0.0050	1	08/03/2017 15:01
Ethylbenzene	ND	0.0050	1	08/03/2017 15:01
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/03/2017 15:01
Freon 113	ND	0.0050	1	08/03/2017 15:01
Hexachlorobutadiene	ND	0.0050	1	08/03/2017 15:01
Hexachloroethane	ND	0.0050	1	08/03/2017 15:01
2-Hexanone	ND	0.0050	1	08/03/2017 15:01
Isopropylbenzene	ND	0.0050	1	08/03/2017 15:01
4-Isopropyl toluene	ND	0.0050	1	08/03/2017 15:01
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/03/2017 15:01
Methylene chloride	ND	0.0050	1	08/03/2017 15:01
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/03/2017 15:01
Naphthalene	ND	0.0050	1	08/03/2017 15:01
n-Propyl benzene	ND	0.0050	1	08/03/2017 15:01
Styrene	ND	0.0050	1	08/03/2017 15:01
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/03/2017 15:01
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/03/2017 15:01
Tetrachloroethene	ND	0.0050	1	08/03/2017 15:01
Toluene	ND	0.0050	1	08/03/2017 15:01
1,2,3-Trichlorobenzene	ND	0.0050	1	08/03/2017 15:01
1,2,4-Trichlorobenzene	ND	0.0050	1	08/03/2017 15:01
1,1,1-Trichloroethane	ND	0.0050	1	08/03/2017 15:01
1,1,2-Trichloroethane	ND	0.0050	1	08/03/2017 15:01
Trichloroethene	ND	0.0050	1	08/03/2017 15:01
Trichlorofluoromethane	ND	0.0050	1	08/03/2017 15:01
1,2,3-Trichloropropane	ND	0.0050	1	08/03/2017 15:01
1,2,4-Trimethylbenzene	ND	0.0050	1	08/03/2017 15:01
1,3,5-Trimethylbenzene	ND	0.0050	1	08/03/2017 15:01
Vinyl Chloride	ND	0.0050	1	08/03/2017 15:01
Xylenes, Total	ND	0.0050	1	08/03/2017 15:01

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW5030B
Date Prepared:	8/2/17	**Analytical Method:**	SW8260B
Project:	8059; P7 Engineered Fill	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC38	143053

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	112	70-130		08/03/2017 15:01
Toluene-d8	108	70-130		08/03/2017 15:01
4-BFB	89	70-130		08/03/2017 15:01
Benzene-d6	86	60-140		08/03/2017 15:01
Ethylbenzene-d10	95	60-140		08/03/2017 15:01
1,2-DCB-d4	81	60-140		08/03/2017 15:01

Analyst(s): HK

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	8/3/17	**Analytical Method:**	SW8270C
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC21	143132

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.14	0.25	1	08/04/2017 14:41
Acenaphthylene	ND	0.14	0.25	1	08/04/2017 14:41
Acetochlor	ND	0.25	0.25	1	08/04/2017 14:41
Anthracene	ND	0.14	0.25	1	08/04/2017 14:41
Benzidine	ND	0.23	1.3	1	08/04/2017 14:41
Benzo (a) anthracene	ND	0.050	0.050	1	08/04/2017 14:41
Benzo (a) pyrene	0.0038	0.0025	0.0025	1	08/04/2017 14:41
Benzo (b) fluoranthene	ND	0.012	0.012	1	08/04/2017 14:41
Benzo (g,h,i) perylene	ND	0.15	0.25	1	08/04/2017 14:41
Benzo (k) fluoranthene	ND	0.16	0.25	1	08/04/2017 14:41
Benzyl Alcohol	ND	0.51	1.3	1	08/04/2017 14:41
1,1-Biphenyl	ND	0.15	0.25	1	08/04/2017 14:41
Bis (2-chloroethoxy) Methane	ND	0.14	0.25	1	08/04/2017 14:41
Bis (2-chloroethyl) Ether	ND	0.0012	0.0012	1	08/04/2017 14:41
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0012	1	08/04/2017 14:41
Bis (2-ethylhexyl) Adipate	ND	0.25	0.25	1	08/04/2017 14:41
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	1	08/04/2017 14:41
4-Bromophenyl Phenyl Ether	ND	0.16	0.25	1	08/04/2017 14:41
Butylbenzyl Phthalate	ND	0.13	0.25	1	08/04/2017 14:41
4-Chloroaniline	ND	0.0012	0.0012	1	08/04/2017 14:41
4-Chloro-3-methylphenol	ND	0.12	0.25	1	08/04/2017 14:41
2-Chloronaphthalene	ND	0.16	0.25	1	08/04/2017 14:41
2-Chlorophenol	ND	0.0050	0.0050	1	08/04/2017 14:41
4-Chlorophenyl Phenyl Ether	ND	0.15	0.25	1	08/04/2017 14:41
Chrysene	ND	0.14	0.25	1	08/04/2017 14:41
Dibenzo (a,h) anthracene	ND	0.0025	0.0025	1	08/04/2017 14:41
Dibenzofuran	ND	0.13	0.25	1	08/04/2017 14:41
Di-n-butyl Phthalate	ND	0.13	0.25	1	08/04/2017 14:41
1,2-Dichlorobenzene	ND	0.12	0.25	1	08/04/2017 14:41
1,3-Dichlorobenzene	ND	0.14	0.25	1	08/04/2017 14:41
1,4-Dichlorobenzene	ND	0.025	0.025	1	08/04/2017 14:41
3,3-Dichlorobenzidine	ND	0.0050	0.0050	1	08/04/2017 14:41
2,4-Dichlorophenol	ND	0.0025	0.0025	1	08/04/2017 14:41
Diethyl Phthalate	ND	0.0025	0.0025	1	08/04/2017 14:41
2,4-Dimethylphenol	ND	0.025	0.025	1	08/04/2017 14:41
Dimethyl Phthalate	ND	0.0025	0.0025	1	08/04/2017 14:41
4,6-Dinitro-2-methylphenol	ND	0.13	1.3	1	08/04/2017 14:41

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	8/3/17	**Analytical Method:**	SW8270C
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC21	143132

Analytes	Result	MDL	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.62	0.62	1	08/04/2017 14:41
2,4-Dinitrotoluene	ND	0.025	0.025	1	08/04/2017 14:41
2,6-Dinitrotoluene	ND	0.14	0.25	1	08/04/2017 14:41
Di-n-octyl Phthalate	ND	0.14	0.50	1	08/04/2017 14:41
1,2-Diphenylhydrazine	ND	0.16	0.25	1	08/04/2017 14:41
Fluoranthene	ND	0.13	0.25	1	08/04/2017 14:41
Fluorene	ND	0.14	0.25	1	08/04/2017 14:41
Hexachlorobenzene	ND	0.025	0.025	1	08/04/2017 14:41
Hexachlorobutadiene	ND	0.025	0.025	1	08/04/2017 14:41
Hexachlorocyclopentadiene	ND	0.73	1.3	1	08/04/2017 14:41
Hexachloroethane	ND	0.14	0.25	1	08/04/2017 14:41
Indeno (1,2,3-cd) pyrene	ND	0.012	0.012	1	08/04/2017 14:41
Isophorone	ND	0.12	0.25	1	08/04/2017 14:41
2-Methylnaphthalene	ND	0.025	0.025	1	08/04/2017 14:41
2-Methylphenol (o-Cresol)	ND	0.14	0.25	1	08/04/2017 14:41
3 & 4-Methylphenol (m,p-Cresol)	ND	0.12	0.25	1	08/04/2017 14:41
Naphthalene	ND	0.0025	0.0025	1	08/04/2017 14:41
2-Nitroaniline	ND	0.62	1.3	1	08/04/2017 14:41
3-Nitroaniline	ND	0.59	1.3	1	08/04/2017 14:41
4-Nitroaniline	ND	0.55	1.3	1	08/04/2017 14:41
Nitrobenzene	ND	0.14	0.25	1	08/04/2017 14:41
2-Nitrophenol	ND	0.64	1.3	1	08/04/2017 14:41
4-Nitrophenol	ND	0.41	1.3	1	08/04/2017 14:41
N-Nitrosodiphenylamine	ND	0.16	0.25	1	08/04/2017 14:41
N-Nitrosodi-n-propylamine	ND	0.012	0.012	1	08/04/2017 14:41
Pentachlorophenol	ND	0.32	1.3	1	08/04/2017 14:41
Phenanthrene	ND	0.14	0.25	1	08/04/2017 14:41
Phenol	ND	0.0050	0.0050	1	08/04/2017 14:41
Pyrene	ND	0.13	0.25	1	08/04/2017 14:41
Pyridine	ND	0.25	0.25	1	08/04/2017 14:41
1,2,4-Trichlorobenzene	ND	0.14	0.25	1	08/04/2017 14:41
2,4,5-Trichlorophenol	ND	0.012	0.012	1	08/04/2017 14:41
2,4,6-Trichlorophenol	ND	0.012	0.012	1	08/04/2017 14:41

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	8/3/17	**Analytical Method:**	SW8270C
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC21	143132

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)		Limits		
2-Fluorophenol	73		30-130		08/04/2017 14:41
Phenol-d5	70		30-130		08/04/2017 14:41
Nitrobenzene-d5	74		30-130		08/04/2017 14:41
2-Fluorobiphenyl	68		30-130		08/04/2017 14:41
2,4,6-Tribromophenol	39		16-130		08/04/2017 14:41
4-Terphenyl-d14	82		30-130		08/04/2017 14:41

Analyst(s): REB

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3050B
Date Prepared:	8/2/17	**Analytical Method:**	SW6020
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	ICP-MS3	143084

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	08/03/2017 10:38
Arsenic	**6.3**	0.50	1	08/03/2017 10:38
Barium	**150**	5.0	1	08/03/2017 10:38
Beryllium	ND	0.50	1	08/03/2017 10:38
Cadmium	**0.62**	0.25	1	08/03/2017 10:38
Chromium	**37**	0.50	1	08/03/2017 10:38
Cobalt	**10**	0.50	1	08/03/2017 10:38
Copper	**16**	0.50	1	08/03/2017 10:38
Lead	**9.5**	0.50	1	08/03/2017 10:38
Mercury	ND	0.050	1	08/03/2017 10:38
Molybdenum	**0.86**	0.50	1	08/03/2017 10:38
Nickel	**21**	0.50	1	08/03/2017 10:38
Selenium	ND	0.50	1	08/03/2017 10:38
Silver	ND	0.50	1	08/03/2017 10:38
Thallium	ND	0.50	1	08/03/2017 10:38
Vanadium	**67**	0.50	1	08/03/2017 10:38
Zinc	**65**	5.0	1	08/03/2017 10:38

Surrogates	REC (%)	Limits	
Terbium	111	70-130	08/03/2017 10:38

Analyst(s): JC

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW5030B
Date Prepared:	8/2/17	**Analytical Method:**	SW8021B/8015Bm
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC19	143074

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	08/03/2017 11:46
MTBE	---	0.050	1	08/03/2017 11:46
Benzene	---	0.0050	1	08/03/2017 11:46
Toluene	---	0.0050	1	08/03/2017 11:46
Ethylbenzene	---	0.0050	1	08/03/2017 11:46
Xylenes	---	0.015	1	08/03/2017 11:46
Surrogates	**REC (%)**	**Limits**		
2-Fluorotoluene	81	62-126		08/03/2017 11:46

Analyst(s): IA

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Received:	8/2/17 19:00	**Extraction Method:**	SW3550B/3630C
Date Prepared:	8/2/17	**Analytical Method:**	SW8015B
Project:	8059; P7 Engineered Fill	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8059	1708141-001A	Soil	08/02/2017 10:00	GC39B	143070

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	08/03/2017 11:04
TPH-Motor Oil (C18-C36)	5.2	5.0	1	08/03/2017 11:04

Surrogates	REC (%)	Limits	
C9	95	78-109	08/03/2017 11:04

Analyst(s): TK Analytical Comments: e7

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143092
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW3060A
Instrument:	IC2	**Analytical Method:**	SW7199
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143092 1708101-002AMS/MSD

QC Summary Report for SW7199 (Hexavalent chromium)

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Hexavalent chromium	ND	21.5	0.10	0.20	20	-	108	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Hexavalent chromium	19.1	19.3	20	ND	95	96	70-130	1.04	20

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143144
Date Analyzed:	8/4/17	**Extraction Method:**	SW3550B/3620B/3640A
Instrument:	GC22, GC23	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS/LCSD-143144

QC Summary OC Pesticides+PCBs w/ GPC & Florisil

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0010	-	-	-
a-BHC	ND	0.0010	-	-	-
b-BHC	ND	0.0010	-	-	-
d-BHC	ND	0.0010	-	-	-
g-BHC	ND	0.0010	-	-	-
Chlordane (Technical)	ND	0.025	-	-	-
a-Chlordane	ND	0.0010	-	-	-
g-Chlordane	ND	0.0010	-	-	-
p,p-DDD	ND	0.0010	-	-	-
p,p-DDE	ND	0.0010	-	-	-
p,p-DDT	ND	0.0010	-	-	-
Dieldrin	ND	0.0010	-	-	-
Endosulfan I	ND	0.0010	-	-	-
Endosulfan II	ND	0.0010	-	-	-
Endosulfan sulfate	ND	0.0010	-	-	-
Endrin	ND	0.0010	-	-	-
Endrin aldehyde	ND	0.0010	-	-	-
Endrin ketone	ND	0.0010	-	-	-
Heptachlor	ND	0.0010	-	-	-
Heptachlor epoxide	ND	0.0010	-	-	-
Hexachlorobenzene	ND	0.010	-	-	-
Hexachlorocyclopentadiene	ND	0.020	-	-	-
Methoxychlor	ND	0.0010	-	-	-
Toxaphene	ND	0.050	-	-	-
Aroclor1016	ND	0.050	-	-	-
Aroclor1221	ND	0.050	-	-	-
Aroclor1232	ND	0.050	-	-	-
Aroclor1242	ND	0.050	-	-	-
Aroclor1248	ND	0.050	-	-	-
Aroclor1254	ND	0.050	-	-	-
Aroclor1260	ND	0.050	-	-	-
PCBs, total	ND	0.050	-	-	-
Surrogate Recovery					
Decachlorobiphenyl	0.0648		0.050	130	70-130

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143144
Date Analyzed:	8/4/17	**Extraction Method:**	SW3550B/3620B/3640A
Instrument:	GC22, GC23	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS/LCSD-143144

QC Summary OC Pesticides+PCBs w/ GPC & Florisil

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0582	-	0.050	116	-	78-125	-	-
a-BHC	0.0454	-	0.050	91, F2	-	102-140	-	-
b-BHC	0.0568	-	0.050	114	-	89-124	-	-
d-BHC	0.0690	-	0.050	138	-	63-159	-	-
g-BHC	0.0618	-	0.050	124	-	75-136	-	-
a-Chlordane	0.0605	-	0.050	121	-	77-130	-	-
g-Chlordane	0.0672	-	0.050	134	-	84-146	-	-
p,p-DDD	0.0704	-	0.050	141	-	65-172	-	-
p,p-DDE	0.0652	-	0.050	130	-	73-153	-	-
p,p-DDT	0.0696	-	0.050	139	-	75-161	-	-
Dieldrin	0.0793	-	0.050	159	-	68-177	-	-
Endosulfan I	0.0680	-	0.050	136	-	63-150	-	-
Endosulfan II	0.0681	-	0.050	136	-	75-160	-	-
Endosulfan sulfate	0.0592	-	0.050	118	-	66-155	-	-
Endrin	0.0697	-	0.050	139	-	64-155	-	-
Endrin aldehyde	0.0607	-	0.050	121	-	57-159	-	-
Endrin ketone	0.0698	-	0.050	140	-	81-156	-	-
Heptachlor	0.0684	-	0.050	137	-	71-156	-	-
Heptachlor epoxide	0.0660	-	0.050	132	-	77-136	-	-
Hexachlorobenzene	0.0515	-	0.050	103	-	83-131	-	-
Hexachlorocyclopentadiene	0.0366	-	0.050	73	-	38-165	-	-
Methoxychlor	0.0469	-	0.050	94	-	56-160	-	-
Aroclor1016	0.171	0.178	0.15	114	118	68-138	3.93	20
Aroclor1260	0.193	0.192	0.15	129	128	75-176	0.731	20
Surrogate Recovery								
Decachlorobiphenyl	0.0735	0.0702	0.050	147	140	55-161	4.58	20

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143053
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143053 1708098-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	1.21	0.10	1	-	121	72-156
tert-Amyl methyl ether (TAME)	ND	0.0476	0.0050	0.050	-	95	53-116
Benzene	ND	0.0487	0.0050	0.050	-	97	63-137
Bromobenzene	ND	0.0496	0.0050	0.050	-	99	68-126
Bromochloromethane	ND	0.0485	0.0050	0.050	-	97	72-126
Bromodichloromethane	ND	0.0510	0.0050	0.050	-	102	61-127
Bromoform	ND	0.0372	0.0050	0.050	-	74	49-100
Bromomethane	ND	0.0387	0.0050	0.050	-	77	40-161
2-Butanone (MEK)	ND	0.224	0.020	0.20	-	112	43-157
t-Butyl alcohol (TBA)	ND	0.229	0.050	0.20	-	115	41-135
n-Butyl benzene	ND	0.0699	0.0050	0.050	-	140	102-160
sec-Butyl benzene	ND	0.0697	0.0050	0.050	-	139	74-168
tert-Butyl benzene	ND	0.0662	0.0050	0.050	-	132	88-157
Carbon Disulfide	ND	0.0509	0.0050	0.050	-	102	42-151
Carbon Tetrachloride	ND	0.0531	0.0050	0.050	-	106	49-149
Chlorobenzene	ND	0.0485	0.0050	0.050	-	97	77-121
Chloroethane	ND	0.0404	0.0050	0.050	-	81	41-134
Chloroform	ND	0.0509	0.0050	0.050	-	102	69-133
Chloromethane	ND	0.0360	0.0050	0.050	-	72	31-119
2-Chlorotoluene	ND	0.0581	0.0050	0.050	-	116	79-139
4-Chlorotoluene	ND	0.0540	0.0050	0.050	-	108	77-138
Dibromochloromethane	ND	0.0450	0.0050	0.050	-	90	58-121
1,2-Dibromo-3-chloropropane	ND	0.0213	0.0040	0.020	-	106	39-115
1,2-Dibromoethane (EDB)	ND	0.0531	0.0040	0.050	-	106	67-119
Dibromomethane	ND	0.0487	0.0050	0.050	-	97	66-117
1,2-Dichlorobenzene	ND	0.0413	0.0050	0.050	-	83	59-109
1,3-Dichlorobenzene	ND	0.0510	0.0050	0.050	-	102	75-130
1,4-Dichlorobenzene	ND	0.0482	0.0050	0.050	-	96	71-122
Dichlorodifluoromethane	ND	0.0204	0.0050	0.050	-	41, F2	43-68
1,1-Dichloroethane	ND	0.0505	0.0050	0.050	-	101	62-139
1,2-Dichloroethane (1,2-DCA)	ND	0.0513	0.0040	0.050	-	103	58-135
1,1-Dichloroethene	ND	0.0464	0.0050	0.050	-	93	42-145
cis-1,2-Dichloroethene	ND	0.0497	0.0050	0.050	-	99	67-129
trans-1,2-Dichloroethene	ND	0.0472	0.0050	0.050	-	94	54-139
1,2-Dichloropropane	ND	0.0491	0.0050	0.050	-	98	68-125
1,3-Dichloropropane	ND	0.0538	0.0050	0.050	-	108	65-125
2,2-Dichloropropane	ND	0.0548	0.0050	0.050	-	109	45-151

(Cont.)

CDPH ELAP 1644 • NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143053
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143053 1708098-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	0.0499	0.0050	0.050	-	100	64-138
cis-1,3-Dichloropropene	ND	0.0580	0.0050	0.050	-	116	62-134
trans-1,3-Dichloropropene	ND	0.0524	0.0050	0.050	-	105	59-128
Diisopropyl ether (DIPE)	ND	0.0499	0.0050	0.050	-	100	52-129
Ethylbenzene	ND	0.0554	0.0050	0.050	-	111	74-142
Ethyl tert-butyl ether (ETBE)	ND	0.0514	0.0050	0.050	-	103	53-125
Freon 113	ND	0.0405	0.0050	0.050	-	81	51-126
Hexachlorobutadiene	ND	0.0695	0.0050	0.050	-	139	70-158
Hexachloroethane	ND	0.0563	0.0050	0.050	-	113	80-160
2-Hexanone	ND	0.0498	0.0050	0.050	-	100	41-116
Isopropylbenzene	ND	0.0575	0.0050	0.050	-	115	77-146
4-Isopropyl toluene	ND	0.0642	0.0050	0.050	-	128	96-159
Methyl-t-butyl ether (MTBE)	ND	0.0506	0.0050	0.050	-	101	58-122
Methylene chloride	ND	0.0538	0.0050	0.050	-	108	58-135
4-Methyl-2-pentanone (MIBK)	ND	0.0508	0.0050	0.050	-	102	40-112
Naphthalene	ND	0.0263	0.0050	0.050	-	53	23-73
n-Propyl benzene	ND	0.0655	0.0050	0.050	-	131	82-160
Styrene	ND	0.0508	0.0050	0.050	-	102	68-124
1,1,1,2-Tetrachloroethane	ND	0.0545	0.0050	0.050	-	109	70-128
1,1,2,2-Tetrachloroethane	ND	0.0474	0.0050	0.050	-	95	57-111
Tetrachloroethene	ND	0.0553	0.0050	0.050	-	111	73-145
Toluene	ND	0.0543	0.0050	0.050	-	109	76-130
1,2,3-Trichlorobenzene	ND	0.0316	0.0050	0.050	-	63	43-72
1,2,4-Trichlorobenzene	ND	0.0412	0.0050	0.050	-	82	47-95
1,1,1-Trichloroethane	ND	0.0526	0.0050	0.050	-	105	60-141
1,1,2-Trichloroethane	ND	0.0518	0.0050	0.050	-	104	62-118
Trichloroethene	ND	0.0504	0.0050	0.050	-	101	72-132
Trichlorofluoromethane	ND	0.0449	0.0050	0.050	-	90	43-135
1,2,3-Trichloropropane	ND	0.0557	0.0050	0.050	-	111	57-122
1,2,4-Trimethylbenzene	ND	0.0605	0.0050	0.050	-	121	81-152
1,3,5-Trimethylbenzene	ND	0.0630	0.0050	0.050	-	126	78-160
Vinyl Chloride	ND	0.0352	0.0050	0.050	-	70	42-131
Xylenes, Total	ND	0.159	0.0050	0.15	-	106	70-130

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143053
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143053 1708098-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	0.1242	0.127		0.12	99	102	70-130
Toluene-d8	0.1427	0.142		0.12	114	113	70-130
4-BFB	0.01276	0.0138		0.012	102	110	70-130
Benzene-d6	0.09162	0.0929		0.10	92	93	60-140
Ethylbenzene-d10	0.1214	0.121		0.10	121	121	60-140
1,2-DCB-d4	0.08876	0.0888		0.10	89	89	60-140

(Cont.)

CDPH ELAP 1644 • NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143053
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143053 1708098-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	NR	NR	1	ND<1.0	NR	NR	72-156	NR	20
tert-Amyl methyl ether (TAME)	NR	NR	0.050	ND<0.050	NR	NR	53-116	NR	20
Benzene	NR	NR	0.050	0.1053	NR	NR	63-137	NR	20
Bromobenzene	NR	NR	0.050	ND<0.050	NR	NR	68-126	NR	20
Bromochloromethane	NR	NR	0.050	ND<0.050	NR	NR	72-126	NR	20
Bromodichloromethane	NR	NR	0.050	ND<0.050	NR	NR	61-127	NR	20
Bromoform	NR	NR	0.050	ND<0.050	NR	NR	49-100	NR	20
Bromomethane	NR	NR	0.050	ND<0.050	NR	NR	40-161	NR	20
2-Butanone (MEK)	NR	NR	0.20	ND<0.20	NR	NR	43-157	NR	20
t-Butyl alcohol (TBA)	NR	NR	0.20	ND<0.50	NR	NR	41-135	NR	20
n-Butyl benzene	NR	NR	0.050	ND<0.050	NR	NR	102-160	NR	20
sec-Butyl benzene	NR	NR	0.050	ND<0.050	NR	NR	74-168	NR	20
tert-Butyl benzene	NR	NR	0.050	ND<0.050	NR	NR	88-157	NR	20
Carbon Disulfide	NR	NR	0.050	ND<0.050	NR	NR	42-151	NR	20
Carbon Tetrachloride	NR	NR	0.050	ND<0.050	NR	NR	49-149	NR	20
Chlorobenzene	NR	NR	0.050	ND<0.050	NR	NR	77-121	NR	20
Chloroethane	NR	NR	0.050	ND<0.050	NR	NR	41-134	NR	20
Chloroform	NR	NR	0.050	ND<0.050	NR	NR	69-133	NR	20
Chloromethane	NR	NR	0.050	ND<0.050	NR	NR	31-119	NR	20
2-Chlorotoluene	NR	NR	0.050	ND<0.050	NR	NR	79-139	NR	20
4-Chlorotoluene	NR	NR	0.050	ND<0.050	NR	NR	77-138	NR	20
Dibromochloromethane	NR	NR	0.050	ND<0.050	NR	NR	58-121	NR	20
1,2-Dibromo-3-chloropropane	NR	NR	0.020	ND<0.040	NR	NR	39-115	NR	20
1,2-Dibromoethane (EDB)	NR	NR	0.050	ND<0.040	NR	NR	67-119	NR	20
Dibromomethane	NR	NR	0.050	ND<0.050	NR	NR	66-117	NR	20
1,2-Dichlorobenzene	NR	NR	0.050	ND<0.050	NR	NR	59-109	NR	20
1,3-Dichlorobenzene	NR	NR	0.050	ND<0.050	NR	NR	75-130	NR	20
1,4-Dichlorobenzene	NR	NR	0.050	ND<0.050	NR	NR	71-122	NR	20
Dichlorodifluoromethane	NR	NR	0.050	ND<0.050	NR	NR	43-68	NR	20
1,1-Dichloroethane	NR	NR	0.050	ND<0.050	NR	NR	62-139	NR	20
1,2-Dichloroethane (1,2-DCA)	NR	NR	0.050	ND<0.040	NR	NR	58-135	NR	20
1,1-Dichloroethene	NR	NR	0.050	ND<0.050	NR	NR	42-145	NR	20
cis-1,2-Dichloroethene	NR	NR	0.050	ND<0.050	NR	NR	67-129	NR	20
trans-1,2-Dichloroethene	NR	NR	0.050	ND<0.050	NR	NR	54-139	NR	20
1,2-Dichloropropane	NR	NR	0.050	ND<0.050	NR	NR	68-125	NR	20
1,3-Dichloropropane	NR	NR	0.050	ND<0.050	NR	NR	65-125	NR	20
2,2-Dichloropropane	NR	NR	0.050	ND<0.050	NR	NR	45-151	NR	20

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143053
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143053 1708098-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	NR	NR	0.050	ND<0.050	NR	NR	64-138	NR	20
cis-1,3-Dichloropropene	NR	NR	0.050	ND<0.050	NR	NR	62-134	NR	20
trans-1,3-Dichloropropene	NR	NR	0.050	ND<0.050	NR	NR	59-128	NR	20
Diisopropyl ether (DIPE)	NR	NR	0.050	ND<0.050	NR	NR	52-129	NR	20
Ethylbenzene	NR	NR	0.050	ND<0.050	NR	NR	74-142	NR	20
Ethyl tert-butyl ether (ETBE)	NR	NR	0.050	ND<0.050	NR	NR	53-125	NR	20
Freon 113	NR	NR	0.050	ND<0.050	NR	NR	51-126	NR	20
Hexachlorobutadiene	NR	NR	0.050	ND<0.050	NR	NR	70-158	NR	20
Hexachloroethane	NR	NR	0.050	ND<0.050	NR	NR	80-160	NR	20
2-Hexanone	NR	NR	0.050	ND<0.050	NR	NR	41-116	NR	20
Isopropylbenzene	NR	NR	0.050	ND<0.050	NR	NR	77-146	NR	20
4-Isopropyl toluene	NR	NR	0.050	ND<0.050	NR	NR	96-159	NR	20
Methyl-t-butyl ether (MTBE)	NR	NR	0.050	ND<0.050	NR	NR	58-122	NR	20
Methylene chloride	NR	NR	0.050	ND<0.050	NR	NR	58-135	NR	20
4-Methyl-2-pentanone (MIBK)	NR	NR	0.050	ND<0.050	NR	NR	40-112	NR	20
Naphthalene	NR	NR	0.050	ND<0.050	NR	NR	23-73	NR	20
n-Propyl benzene	NR	NR	0.050	ND<0.050	NR	NR	82-160	NR	20
Styrene	NR	NR	0.050	ND<0.050	NR	NR	68-124	NR	20
1,1,1,2-Tetrachloroethane	NR	NR	0.050	ND<0.050	NR	NR	70-128	NR	20
1,1,2,2-Tetrachloroethane	NR	NR	0.050	ND<0.050	NR	NR	57-111	NR	20
Tetrachloroethene	NR	NR	0.050	ND<0.050	NR	NR	73-145	NR	20
Toluene	NR	NR	0.050	0.2603	NR	NR	76-130	NR	20
1,2,3-Trichlorobenzene	NR	NR	0.050	ND<0.050	NR	NR	43-72	NR	20
1,2,4-Trichlorobenzene	NR	NR	0.050	ND<0.050	NR	NR	47-95	NR	20
1,1,1-Trichloroethane	NR	NR	0.050	ND<0.050	NR	NR	60-141	NR	20
1,1,2-Trichloroethane	NR	NR	0.050	ND<0.050	NR	NR	62-118	NR	20
Trichloroethene	NR	NR	0.050	ND<0.050	NR	NR	72-132	NR	20
Trichlorofluoromethane	NR	NR	0.050	ND<0.050	NR	NR	43-135	NR	20
1,2,3-Trichloropropane	NR	NR	0.050	ND<0.050	NR	NR	57-122	NR	20
1,2,4-Trimethylbenzene	NR	NR	0.050	ND<0.050	NR	NR	81-152	NR	20
1,3,5-Trimethylbenzene	NR	NR	0.050	ND<0.050	NR	NR	78-160	NR	20
Vinyl Chloride	NR	NR	0.050	ND<0.050	NR	NR	42-131	NR	20
Xylenes, Total	NR	NR	0.15	0.1642	NR	NR	70-130	NR	20

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143053
Date Analyzed:	8/2/17 - 8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143053 1708098-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	NR	NR	0.12		NR	NR	70-130	NR	20
Toluene-d8	NR	NR	0.12		NR	NR	70-130	NR	20
4-BFB	NR	NR	0.012		NR	NR	70-130	NR	20
Benzene-d6	NR	NR	0.10		NR	NR	60-140	NR	20
Ethylbenzene-d10	NR	NR	0.10		NR	NR	60-140	NR	20
1,2-DCB-d4	NR	NR	0.10		NR	NR	60-140	NR	20

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/3/17	**BatchID:**	143132
Date Analyzed:	8/4/17	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143132

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	3.19	0.14	0.25	5	-	64	32-118
Acenaphthylene	ND	3.32	0.14	0.25	5	-	66	32-122
Acetochlor	ND	-	0.25	0.25	-	-	-	-
Anthracene	ND	3.30	0.14	0.25	5	-	66	36-125
Benzidine	ND	0.773	0.23	1.3	5	-	15	4-83
Benzo (a) anthracene	ND	3.36	0.050	0.050	5	-	67	35-117
Benzo (a) pyrene	ND	4.60	0.0025	0.0025	5	-	92	42-138
Benzo (b) fluoranthene	ND	4.15	0.012	0.012	5	-	83	37-125
Benzo (g,h,i) perylene	ND	4.47	0.15	0.25	5	-	89	45-146
Benzo (k) fluoranthene	ND	4.54	0.16	0.25	5	-	91	39-124
Benzyl Alcohol	ND	3.50	0.51	1.3	5	-	70	5-105
1,1-Biphenyl	ND	-	0.15	0.25	-	-	-	-
Bis (2-chloroethoxy) Methane	ND	3.13	0.14	0.25	5	-	63	35-115
Bis (2-chloroethyl) Ether	ND	3.16	0.0012	0.0012	5	-	63	35-105
Bis (2-chloroisopropyl) Ether	ND	3.37	0.0012	0.0012	5	-	67	34-119
Bis (2-ethylhexyl) Adipate	ND	3.68	0.25	0.25	5	-	74	27-117
Bis (2-ethylhexyl) Phthalate	ND	3.96	0.13	0.25	5	-	79	34-124
4-Bromophenyl Phenyl Ether	ND	3.41	0.16	0.25	5	-	68	33-112
Butylbenzyl Phthalate	ND	3.86	0.13	0.25	5	-	77	35-127
4-Chloroaniline	ND	1.85	0.0012	0.0012	5	-	37	12-77
4-Chloro-3-methylphenol	ND	3.52	0.12	0.25	5	-	70	35-123
2-Chloronaphthalene	ND	3.09	0.16	0.25	5	-	62	28-109
2-Chlorophenol	ND	3.27	0.0050	0.0050	5	-	65	38-116
4-Chlorophenyl Phenyl Ether	ND	3.41	0.15	0.25	5	-	68	33-122
Chrysene	ND	3.70	0.14	0.25	5	-	74	37-116
Dibenzo (a,h) anthracene	ND	4.58	0.0025	0.0025	5	-	92	43-141
Dibenzofuran	ND	3.23	0.13	0.25	5	-	65	33-117
Di-n-butyl Phthalate	ND	3.30	0.13	0.25	5	-	66	38-126
1,2-Dichlorobenzene	ND	3.32	0.12	0.25	5	-	66	34-105
1,3-Dichlorobenzene	ND	3.37	0.14	0.25	5	-	67	33-104
1,4-Dichlorobenzene	ND	2.91	0.025	0.025	5	-	58	31-102
3,3-Dichlorobenzidine	ND	2.94	0.0050	0.0050	5	-	59	14-84
2,4-Dichlorophenol	ND	3.66	0.0025	0.0025	5	-	73	31-124
Diethyl Phthalate	ND	3.19	0.0025	0.0025	5	-	64	35-118
2,4-Dimethylphenol	ND	3.64	0.025	0.025	5	-	73	30-120
Dimethyl Phthalate	ND	3.15	0.0025	0.0025	5	-	63	33-118
4,6-Dinitro-2-methylphenol	ND	2.26	0.13	1.3	5	-	45	12-126

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/3/17	**BatchID:**	143132
Date Analyzed:	8/4/17	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143132

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
2,4-Dinitrophenol	ND	1.19	0.62	0.62	5	-	24	8-130
2,4-Dinitrotoluene	ND	2.41	0.025	0.025	5	-	48	38-117
2,6-Dinitrotoluene	ND	3.00	0.14	0.25	5	-	60	35-121
Di-n-octyl Phthalate	ND	4.06	0.14	0.50	5	-	81	42-150
1,2-Diphenylhydrazine	ND	3.21	0.16	0.25	5	-	64	0-117
Fluoranthene	ND	3.35	0.13	0.25	5	-	67	38-126
Fluorene	ND	3.29	0.14	0.25	5	-	66	34-118
Hexachlorobenzene	ND	3.38	0.025	0.025	5	-	68	30-130
Hexachlorobutadiene	ND	3.43	0.025	0.025	5	-	69	33-121
Hexachlorocyclopentadiene	ND	1.86	0.73	1.3	5	-	37	8-89
Hexachloroethane	ND	3.07	0.14	0.25	5	-	61	32-106
Indeno (1,2,3-cd) pyrene	ND	4.44	0.012	0.012	5	-	89	43-138
Isophorone	ND	2.73	0.12	0.25	5	-	55	26-92
2-Methylnaphthalene	ND	3.50	0.025	0.025	5	-	70	30-121
2-Methylphenol (o-Cresol)	ND	3.49	0.14	0.25	5	-	70	34-114
3 & 4-Methylphenol (m,p-Cresol)	ND	3.21	0.12	0.25	5	-	64	26-130
Naphthalene	ND	3.30	0.0025	0.0025	5	-	66	33-113
2-Nitroaniline	ND	2.81	0.62	1.3	5	-	56	29-115
3-Nitroaniline	ND	2.27	0.59	1.3	5	-	45	25-93
4-Nitroaniline	ND	3.14	0.55	1.3	5	-	63	31-108
Nitrobenzene	ND	3.55	0.14	0.25	5	-	71	33-122
2-Nitrophenol	ND	2.69	0.64	1.3	5	-	54	32-121
4-Nitrophenol	ND	2.82	0.41	1.3	5	-	56	27-102
N-Nitrosodiphenylamine	ND	-	0.16	0.25	-	-	-	-
N-Nitrosodi-n-propylamine	ND	3.23	0.012	0.012	5	-	65	25-108
Pentachlorophenol	ND	2.39	0.32	1.3	5	-	48	28-134
Phenanthrene	ND	3.11	0.14	0.25	5	-	62	36-123
Phenol	ND	3.03	0.0050	0.0050	5	-	61	33-107
Pyrene	ND	3.74	0.13	0.25	5	-	75	38-124
Pyridine	ND	4.26	0.25	0.25	5	-	85	30-130
1,2,4-Trichlorobenzene	ND	3.57	0.14	0.25	5	-	71	34-121
2,4,5-Trichlorophenol	ND	3.39	0.012	0.012	5	-	68	31-126
2,4,6-Trichlorophenol	ND	3.22	0.012	0.012	5	-	64	32-128

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/3/17	**BatchID:**	143132
Date Analyzed:	8/4/17	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143132

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	LCS Result	MDL	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery								
2-Fluorophenol	3.678	3.46			5	74	69	31-108
Phenol-d5	3.468	3.41			5	69	68	32-106
Nitrobenzene-d5	3.624	3.49			5	72	70	27-109
2-Fluorobiphenyl	3.37	3.46			5	67	69	26-100
2,4,6-Tribromophenol	2.23	2.82			5	45	56	25-106
4-Terphenyl-d14	3.851	3.93			5	77	79	27-113

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143084
Date Analyzed:	8/3/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143084 1708141-001AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	51.8	0.50	50	-	104	75-125
Arsenic	ND	51.1	0.50	50	-	102	75-125
Barium	ND	518	5.0	500	-	104	75-125
Beryllium	ND	50.0	0.50	50	-	100	75-125
Cadmium	ND	50.0	0.25	50	-	100	75-125
Chromium	ND	50.3	0.50	50	-	101	75-125
Cobalt	ND	49.9	0.50	50	-	100	75-125
Copper	ND	50.2	0.50	50	-	100	75-125
Lead	ND	50.2	0.50	50	-	100	75-125
Mercury	ND	1.23	0.050	1.25	-	99	75-125
Molybdenum	ND	50.6	0.50	50	-	101	75-125
Nickel	ND	49.8	0.50	50	-	100	75-125
Selenium	ND	47.3	0.50	50	-	95	75-125
Silver	ND	48.8	0.50	50	-	98	75-125
Thallium	ND	49.1	0.50	50	-	98	75-125
Vanadium	ND	50.3	0.50	50	-	101	75-125
Zinc	ND	497	5.0	500	-	99	75-125
Surrogate Recovery							
Terbium	543.1	548		500	109	110	70-130

(Cont.)

CDPH ELAP 1644 • NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143084
Date Analyzed:	8/3/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143084 1708141-001AMS/MSD

QC Summary Report for Metals

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	52.0	53.0	50	ND	103	105	75-125	1.90	20
Arsenic	57.9	59.9	50	6.269	103	107	75-125	3.46	20
Barium	678	699	500	152.3	105	109	75-125	3.01	20
Beryllium	48.7	49.2	50	ND	97	98	75-125	0.940	20
Cadmium	50.2	51.2	50	0.6208	99	101	75-125	1.93	20
Chromium	84.2	86.3	50	36.66	95	99	75-125	2.45	20
Cobalt	60.5	62.3	50	10.23	101	104	75-125	2.92	20
Copper	67.0	69.1	50	15.71	103	107	75-125	3.06	20
Lead	60.1	61.5	50	9.521	101	104	75-125	2.30	20
Mercury	1.30	1.30	1.25	ND	103	103	75-125	0	20
Molybdenum	51.4	52.7	50	0.8597	101	104	75-125	2.59	20
Nickel	71.8	75.1	50	20.95	102	108	75-125	4.51	20
Selenium	48.3	49.8	50	ND	96	99	75-125	2.98	20
Silver	48.6	49.5	50	ND	97	99	75-125	1.86	20
Thallium	49.2	50.8	50	ND	98	101	75-125	3.32	20
Vanadium	118	120	50	66.89	101	107	75-125	2.52	20
Zinc	565	580	500	64.57	100	103	75-125	2.62	20
Surrogate Recovery									
Terbium	553	563	500		111	113	70-130	1.90	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.5	ND	-	-
Arsenic	6.56	6.269	4.64	-
Barium	164	152.3	7.68	20
Beryllium	ND<2.5	ND	-	-
Cadmium	ND<1.2	0.6208	-	-
Chromium	40.4	36.66	10.2	20
Cobalt	11.5	10.23	12.4	-
Copper	16.7	15.71	6.30	20
Lead	10.2	9.521	7.13	-
Mercury	ND<0.25	ND	-	-
Molybdenum	ND<2.5	0.8597	-	-
Nickel	22.5	20.95	7.40	20
Selenium	ND<2.5	ND	-	-

(Cont.)

CDPH ELAP 1644 • NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143084
Date Analyzed:	8/3/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143084 1708141-001AMS/MSD

QC Summary Report for Metals

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Silver	ND<2.5	ND	-	-
Thallium	ND<2.5	ND	-	-
Vanadium	74.0	66.89	10.6	20
Zinc	71.1	64.57	10.1	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143074
Date Analyzed:	8/3/17	**Extraction Method:**	SW5030B
Instrument:	GC19, GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143074

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.550	0.40	0.60	-	92	82-118
MTBE	ND	0.0853	0.050	0.10	-	85	61-119
Benzene	ND	0.0915	0.0050	0.10	-	91	77-128
Toluene	ND	0.0979	0.0050	0.10	-	98	74-132
Ethylbenzene	ND	0.102	0.0050	0.10	-	102	84-127
Xylenes	ND	0.319	0.015	0.30	-	106	86-129
Surrogate Recovery							
2-Fluorotoluene	0.08481	0.0844		0.10	85	84	75-134

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1708141
Date Prepared:	8/2/17	**BatchID:**	143070
Date Analyzed:	8/3/17	**Extraction Method:**	SW3550B/3630C
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8059; P7 Engineered Fill	**Sample ID:**	MB/LCS-143070 1708101-002AMS/MSD

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	38.1	1.0	40	-	95	79-133
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	24.38	22.4		25	98	90	77-109

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	37.9	38.6	40	ND	95	96	59-150	1.66	30
Surrogate Recovery									
C9	25.5	25.4	25		102	102	78-109	0	30

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1708141 **ClientCode: SCQ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☑ Dry-Weight

Report to:
Mark Mallin
Stevens Creek Quarry
12100 Stevens Canyon Road
Cupertino, CA 95014
(408) 640-8578 FAX:

Email: mmallin@scqinc.com
cc/3rd Party:
PO:
ProjectNo: 8059; P7 Engineered Fill

Bill to:
Accounts Payable/ Rich Voss
Stevens Creek Quarry
12100 Stevens Canyon Road
Cupertino, CA 95014
awarner@scqinc.com

Requested TAT: 1 day;
Date Received: 08/02/2017
Date Logged: 08/02/2017

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1708141-001	8059	Soil	8/2/2017 10:00	☐	A	A	A	A	A	A	A					

Test Legend:

1	7199_TTLC_LL_S [J]	2	8081PCB_ESL_S [J]	3	8260B_S	4	8270_SCSM_S [J]
5	CAM17MS_TTLC_S	6	G-MBTEX_S	7	TPH(DMO)WSG_S	8	
9		10		11		12	

Prepared by: Alexandra Iniguez

The following SampID: 001A contains testgroup Multi RangeWSG_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: STEVENS CREEK QUARRY
Client Contact: Mark Mallin
Contact's Email: mmallin@scqinc.com

Project: 8059; P7 Engineered Fill
Comments:

Work Order: 1708141
QC Level: LEVEL 2
Date Logged: 8/2/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1708141-001A	8059	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Stainless Steel tube 2"x6"	☐	8/2/2017 10:00	1 day		☐	
			SW6020 (CAM 17)			☐		1 day		☐	
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐		1 day		☐	
			SW8260B (VOCs)			☐		1 day		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		1 day		☐	
			SW7199 (Hexavalent chromium, Low-Level)			☐		1 day		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

170841

McCampbell Analytical, Inc.

1534 Willow Pass Rd. / Pittsburg, Ca. 94565-1701
www.mccampbell.com / main@mccampbell.com
Telephone: (877) 252-9262 / Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☒ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☐
GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐
Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐; Claim #_____

Report To: MARK MALLIN	**Bill To:**
Company: STEVENS CREEK QUARRY	
12100 STEVENS CANYON ROAD	
CUPERTINO CA 95014	**E-Mail:** MMALLIN@SCQRINC.COM
Tele: (408) 253-2512	**Fax:** (408) 253-7621
Project #: 8059	**Project Name:** P7 ENGINEERING
Project Location:	**Purchase Order#** FILL
Sampler Signature:	

Analysis Request

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	TPH as Gas (8021/ 8015)	TPH as Diesel (8015) MOTOR OIL W/SG	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	HEXACHROME TILE
8059		8/2	10:00	1					X							XX				XX					XX		X				X	

PLEASE USE ATTACHED DETECTION LIMITS

USE CLEANUPS AS NECESSARY

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	8/2/17	1240	
Relinquished By:	Date:	Time:	Received By:
	8/2	1900	
Relinquished By:	Date:	Time:	Received By:

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:

PRESERVATION_____ VOAS O&G METALS OTHER pH<2_____ HAZARDOUS:

RegLimit_ExportQry

Analyte	CAS	PQL	MDL	Soil Lowest ESL (mg/kg)
Acenaphthene	83-32-9	0.25	0.14	16.3
Acenaphthylene	208-96-8	0.25	0.14	12.7
Acetochlor	34256-82-1	0.25	0.25	
Anthracene	120-12-7	0.25	0.14	2.85
Benzidine	92-87-5	1.3	0.23	
Benzo (a) anthracene	56-55-3	0.05	0.05	0.157
Benzo (a) pyrene	50-32-8	0.0025	0.0025	0.0157
Benzo (b) fluoranthene	205-99-2	0.0125	0.0125	0.157
Benzo (g,h,i) perylene	191-24-2	0.25	0.15	2.5
Benzo (k) fluoranthene	207-08-9	0.25	0.16	1.57
Benzyl Alcohol	100-51-6	1.3	0.51	
1,1-Biphenyl	92-52-4	0.25	0.15	0.645
Bis (2-chloroethoxy) Methane	111-91-1	0.25	0.14	
Bis (2-chloroethyl) Ether	111-44-4	0.00125	0.00125	0.0000798
Bis (2-chloroisopropyl) Ether	108-60-1	0.00125	0.00125	0.00386
Bis (2-ethylhexyl) Adipate	103-23-1	0.25	0.25	
Bis (2-ethylhexyl) Phthalate	117-81-7	0.25	0.13	38.8
4-Bromophenyl Phenyl Ether	101-55-3	0.25	0.16	
Butylbenzyl Phthalate	85-68-7	0.25	0.13	
4-Chloro-3-methylphenol	59-50-7	0.25	0.12	
4-Chloroaniline	106-47-8	0.00125	0.00125	0.00387
2-Chloronaphthalene	91-58-7	0.25	0.16	
2-Chlorophenol	95-57-8	0.005	0.005	0.0123
4-Chlorophenyl Phenyl Ether	7005-72-3	0.25	0.15	
Chrysene	218-01-9	0.25	0.14	3.84
Dibenzo (a,h) anthracene	53-70-3	0.0025	0.0025	0.0157
Dibenzofuran	132-64-9	0.25	0.13	
1,2-Dichlorobenzene	95-50-1	0.25	0.12	1.6
1,3-Dichlorobenzene	541-73-1	0.25	0.14	7.37
1,4-Dichlorobenzene	106-46-7	0.025	0.025	0.588
3,3-Dichlorobenzidine	91-94-1	0.005	0.005	0.0123
2,4-Dichlorophenol	120-83-2	0.0025	0.0025	0.299
Diethyl Phthalate	84-66-2	0.0025	0.0025	0.0349
Dimethyl Phthalate	131-11-3	0.0025	0.0025	0.0349
2,4-Dimethylphenol	105-67-9	0.025	0.025	0.675
Di-n-butyl Phthalate	84-74-2	0.25	0.13	

4,6-Dinitro-2-methylphenol	534-52-1	1.3	0.13	
2,4-Dinitrophenol	51-28-5	0.625	0.625	0.11
2,4-Dinitrotoluene	121-14-2	0.025	0.025	0.00178
2,6-Dinitrotoluene	606-20-2	0.25	0.14	
Di-n-octyl Phthalate	117-84-0	0.5	0.14	
1,2-Diphenylhydrazine	122-66-7	0.25	0.16	
Fluoranthene	206-44-0	0.25	0.13	60.4
Fluorene	86-73-7	0.25	0.14	8.94
Hexachlorobenzene	118-74-1	0.025	0.025	0.339
Hexachlorobutadiene	87-68-3	0.025	0.025	0.681
Hexachlorocyclopentadiene	77-47-4	1.3	0.73	
Hexachloroethane	67-72-1	0.25	0.14	1.1
Indeno (1,2,3-cd) pyrene	193-39-5	0.0125	0.0125	0.157
Isophorone	78-59-1	0.25	0.12	
2-Methylnaphthalene	91-57-6	0.025	0.025	0.255
3 & 4-Methylphenol (m,p-Cresol)	65794-96-9	0.25	0.12	
2-Methylphenol (o-Cresol)	95-48-7	0.25	0.14	
Naphthalene	91-20-3	0.0025	0.0025	0.033
2-Nitroaniline	88-74-4	1.3	0.62	
3-Nitroaniline	99-09-2	1.3	0.59	
4-Nitroaniline	100-01-6	1.3	0.55	
Nitrobenzene	98-95-3	0.25	0.14	
2-Nitrophenol	88-75-5	1.3	0.64	
4-Nitrophenol	100-02-7	1.3	0.41	
N-Nitrosodimethylamine	62-75-9	1.3	0	
N-Nitrosodi-n-propylamine	621-64-7	0.0125	0.0125	
N-Nitrosodiphenylamine	86-30-6	0.25	0.16	
Pentachlorophenol	87-86-5	1.3	0.3231	1.02
Phenanthrene	85-01-8	0.25	0.14	10.7
Phenol	108-95-2	0.005	0.005	0.0756
Pyrene	129-00-0	0.25	0.13	85.1
Pyridine	110-86-1	0.25	0.25	
1,2,4-Trichlorobenzene	120-82-1	0.25	0.14	1.52
2,4,5-Trichlorophenol	95-95-4	0.0125	0.0125	0.177
2,4,6-Trichlorophenol	88-06-2	0.0125	0.0125	0.211

Analyte	CAS	PQL	MDL	Soil Lowest ESL (mg/kg)
Acenaphthene	83-32-9	0.01	0.00094	16.3
Acenaphthylene	208-96-8	0.01	0.00091	12.7
Anthracene	120-12-7	0.01	0.00073	2.85
Benzo (a) anthracer	56-55-3	0.01	0.00074	0.157
Benzo (a) pyrene	50-32-8	0.01	0.0012	0.0157
Benzo (b) fluoranthe	205-99-2	0.01	0.0016	0.157
Benzo (g,h,i) perylei	191-24-2	0.01	0.0069	2.5
Benzo (k) fluoranthe	207-08-9	0.01	0.0017	1.57
Bis (2-chloroethyl) E	111-44-4	0.01	0.001	0.0000798
Bis (2-chloroisoprop	108-60-1	0.01	0.001	0.00386
Bis (2-ethylhexyl) Pl	117-81-7	0.05	0.0019	38.8
Chrysene	218-01-9	0.01	0.0014	3.84
Dibenzo (a,h) anthr	53-70-3	0.01	0.0068	0.0157
3,3-Dichlorobenzidi	91-94-1	0.04	0.0014	0.0123
2,4-Dichlorophenol	120-83-2	0.04	0.0017	0.299
Diethyl Phthalate	84-66-2	0.01	0.001	0.0349
Dimethyl Phthalate	131-11-3	0.01	0.0013	0.0349
Di-n-butyl Phthalate	84-74-2	0.01	0.0012	
2,4-Dinitrotoluene	121-14-2	0.04	0.0014	0.00178
2,6-Dinitrotoluene	606-20-2	0.04	0.0014	
Di-n-octyl Phthalate	117-84-0	0.01	0.0031	
Fluoranthene	206-44-0	0.01	0.0016	60.4
Fluorene	86-73-7	0.01	0.00073	8.94
Hexachloroethane	67-72-1	0.02	0.013	1.1
Indeno (1,2,3-cd) py	193-39-5	0.01	0.0023	0.157
1-Methylnaphthalen	90-12-0	0.01	0.00096	
2-Methylnaphthalen	91-57-6	0.01	0.0012	0.255
Naphthalene	91-20-3	0.01	0.002	0.033
Phenanthrene	85-01-8	0.01	0.0013	10.7
Phenol	108-95-2	0.04	0.0019	0.0756
Pyrene	129-00-0	0.01	0.0034	85.1
2,4,6-Trichlorophen	88-06-2	0.04	0.0013	0.211

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Stevens Creek Quarry**
Project Name: **8059; P7 Engineered Fill**

WorkOrder №: **1708141** Matrix: Soil
Carrier: Benjamin Yslas (MAI Courier)

Date and Time Received: **8/2/2017 19:00**
Date Logged: **8/2/2017**
Received by: Alexandra Iniguez
Logged by: Alexandra Iniguez

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

July 27, 2017

Mr. John McDaniel
Dirt Movers
1930 W. Fremont Street
Stockton, CA 95203-20441

Re: **City Ventures Oakland 2- Stevens Creek Quarry (Sheridan) Native 3" Minus Engineered Fill**

To whom it may concern.

Stevens Creek Quarry 3" Minus Engineered Fill out of our Sheridan Plant located in Sunol California originates from the harvesting of onsite natural site Sandstone embankments as noted in the attached photo. A second attachment includes sample material results related to asbestos testing. These results are typical for our Sheridan Road location.

Feel contact me if you have any questions.

Sincerely,

Mark Idemoto

Sales Department
Stevens Creek Quarry, Inc.
12100 Stevens Canyon Road
Cupertino, CA 95014

Office (408) 253-2512, ext. 247
Fax (408) 257-4614
Mob (408) 640-9378
Midemoto@scqinc.com

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1703788

Report Created for: Stevens Creek Quarry

12100 Stevens Canyon Road
Cupertino, CA 95014

Project Contact: Mark Mallin
Project P.O.:
Project Name: 8052; Engineered Fill

Project Received: 03/15/2017

Analytical Report reviewed & approved for release on 03/17/2017 by:

Angela Rydelius,
Laboratory Manager

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Stevens Creek Quarry
Project: 8052; Engineered Fill
WorkOrder: 1703788

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

e2	diesel range compounds are significant; no recognizable pattern
e7	oil range compounds are significant

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Stevens Creek Quarry
Project: 8052; Engineered Fill
WorkOrder: 1703788

Quality Control Qualifiers

F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3060A
Date Prepared:	3/15/17	**Analytical Method:**	SW7199
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	IC2	135670

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	4.0	1	03/16/2017 14:01

Analyst(s): AO

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3550B/3620B
Date Prepared:	3/15/17	**Analytical Method:**	SW8081A/8082
Project:	8052; Engineered Fill	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC23	135649

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	03/16/2017 15:10
a-BHC	ND	0.0010	1	03/16/2017 15:10
b-BHC	ND	0.0010	1	03/16/2017 15:10
d-BHC	ND	0.0010	1	03/16/2017 15:10
g-BHC	ND	0.0010	1	03/16/2017 15:10
Chlordane (Technical)	ND	0.025	1	03/16/2017 15:10
a-Chlordane	ND	0.0010	1	03/16/2017 15:10
g-Chlordane	ND	0.0010	1	03/16/2017 15:10
p,p-DDD	ND	0.0010	1	03/16/2017 15:10
p,p-DDE	ND	0.0010	1	03/16/2017 15:10
p,p-DDT	ND	0.0010	1	03/16/2017 15:10
Dieldrin	ND	0.0010	1	03/16/2017 15:10
Endosulfan I	ND	0.0010	1	03/16/2017 15:10
Endosulfan II	ND	0.0010	1	03/16/2017 15:10
Endosulfan sulfate	ND	0.0010	1	03/16/2017 15:10
Endrin	ND	0.0010	1	03/16/2017 15:10
Endrin aldehyde	ND	0.0010	1	03/16/2017 15:10
Endrin ketone	ND	0.0010	1	03/16/2017 15:10
Heptachlor	ND	0.0010	1	03/16/2017 15:10
Heptachlor epoxide	ND	0.0010	1	03/16/2017 15:10
Hexachlorobenzene	ND	0.010	1	03/16/2017 15:10
Hexachlorocyclopentadiene	ND	0.020	1	03/16/2017 15:10
Methoxychlor	ND	0.0010	1	03/16/2017 15:10
Toxaphene	ND	0.050	1	03/16/2017 15:10
Aroclor1016	ND	0.050	1	03/16/2017 15:10
Aroclor1221	ND	0.050	1	03/16/2017 15:10
Aroclor1232	ND	0.050	1	03/16/2017 15:10
Aroclor1242	ND	0.050	1	03/16/2017 15:10
Aroclor1248	ND	0.050	1	03/16/2017 15:10
Aroclor1254	ND	0.050	1	03/16/2017 15:10
Aroclor1260	ND	0.050	1	03/16/2017 15:10
PCBs, total	ND	0.050	1	03/16/2017 15:10

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	97	70-130	03/16/2017 15:10

Analyst(s): CK

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW5030B
Date Prepared:	3/15/17	**Analytical Method:**	SW8260B
Project:	8052; Engineered Fill	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC18	135659

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	03/16/2017 14:59
tert-Amyl methyl ether (TAME)	ND	0.0050	1	03/16/2017 14:59
Benzene	ND	0.0050	1	03/16/2017 14:59
Bromobenzene	ND	0.0050	1	03/16/2017 14:59
Bromochloromethane	ND	0.0050	1	03/16/2017 14:59
Bromodichloromethane	ND	0.0050	1	03/16/2017 14:59
Bromoform	ND	0.0050	1	03/16/2017 14:59
Bromomethane	ND	0.0050	1	03/16/2017 14:59
2-Butanone (MEK)	ND	0.020	1	03/16/2017 14:59
t-Butyl alcohol (TBA)	ND	0.050	1	03/16/2017 14:59
n-Butyl benzene	ND	0.0050	1	03/16/2017 14:59
sec-Butyl benzene	ND	0.0050	1	03/16/2017 14:59
tert-Butyl benzene	ND	0.0050	1	03/16/2017 14:59
Carbon Disulfide	ND	0.0050	1	03/16/2017 14:59
Carbon Tetrachloride	ND	0.0050	1	03/16/2017 14:59
Chlorobenzene	ND	0.0050	1	03/16/2017 14:59
Chloroethane	ND	0.0050	1	03/16/2017 14:59
Chloroform	ND	0.0050	1	03/16/2017 14:59
Chloromethane	ND	0.0050	1	03/16/2017 14:59
2-Chlorotoluene	ND	0.0050	1	03/16/2017 14:59
4-Chlorotoluene	ND	0.0050	1	03/16/2017 14:59
Dibromochloromethane	ND	0.0050	1	03/16/2017 14:59
1,2-Dibromo-3-chloropropane	ND	0.0040	1	03/16/2017 14:59
1,2-Dibromoethane (EDB)	ND	0.0040	1	03/16/2017 14:59
Dibromomethane	ND	0.0050	1	03/16/2017 14:59
1,2-Dichlorobenzene	ND	0.0050	1	03/16/2017 14:59
1,3-Dichlorobenzene	ND	0.0050	1	03/16/2017 14:59
1,4-Dichlorobenzene	ND	0.0050	1	03/16/2017 14:59
Dichlorodifluoromethane	ND	0.0050	1	03/16/2017 14:59
1,1-Dichloroethane	ND	0.0050	1	03/16/2017 14:59
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	03/16/2017 14:59
1,1-Dichloroethene	ND	0.0050	1	03/16/2017 14:59
cis-1,2-Dichloroethene	ND	0.0050	1	03/16/2017 14:59
trans-1,2-Dichloroethene	ND	0.0050	1	03/16/2017 14:59
1,2-Dichloropropane	ND	0.0050	1	03/16/2017 14:59
1,3-Dichloropropane	ND	0.0050	1	03/16/2017 14:59
2,2-Dichloropropane	ND	0.0050	1	03/16/2017 14:59

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW5030B
Date Prepared:	3/15/17	**Analytical Method:**	SW8260B
Project:	8052; Engineered Fill	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC18	135659

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	03/16/2017 14:59
cis-1,3-Dichloropropene	ND	0.0050	1	03/16/2017 14:59
trans-1,3-Dichloropropene	ND	0.0050	1	03/16/2017 14:59
Diisopropyl ether (DIPE)	ND	0.0050	1	03/16/2017 14:59
Ethylbenzene	ND	0.0050	1	03/16/2017 14:59
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	03/16/2017 14:59
Freon 113	ND	0.0050	1	03/16/2017 14:59
Hexachlorobutadiene	ND	0.0050	1	03/16/2017 14:59
Hexachloroethane	ND	0.0050	1	03/16/2017 14:59
2-Hexanone	ND	0.0050	1	03/16/2017 14:59
Isopropylbenzene	ND	0.0050	1	03/16/2017 14:59
4-Isopropyl toluene	ND	0.0050	1	03/16/2017 14:59
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	03/16/2017 14:59
Methylene chloride	ND	0.0050	1	03/16/2017 14:59
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	03/16/2017 14:59
Naphthalene	ND	0.0050	1	03/16/2017 14:59
n-Propyl benzene	ND	0.0050	1	03/16/2017 14:59
Styrene	ND	0.0050	1	03/16/2017 14:59
1,1,1,2-Tetrachloroethane	ND	0.0050	1	03/16/2017 14:59
1,1,2,2-Tetrachloroethane	ND	0.0050	1	03/16/2017 14:59
Tetrachloroethene	ND	0.0050	1	03/16/2017 14:59
Toluene	ND	0.0050	1	03/16/2017 14:59
1,2,3-Trichlorobenzene	ND	0.0050	1	03/16/2017 14:59
1,2,4-Trichlorobenzene	ND	0.0050	1	03/16/2017 14:59
1,1,1-Trichloroethane	ND	0.0050	1	03/16/2017 14:59
1,1,2-Trichloroethane	ND	0.0050	1	03/16/2017 14:59
Trichloroethene	ND	0.0050	1	03/16/2017 14:59
Trichlorofluoromethane	ND	0.0050	1	03/16/2017 14:59
1,2,3-Trichloropropane	ND	0.0050	1	03/16/2017 14:59
1,2,4-Trimethylbenzene	ND	0.0050	1	03/16/2017 14:59
1,3,5-Trimethylbenzene	ND	0.0050	1	03/16/2017 14:59
Vinyl Chloride	ND	0.0050	1	03/16/2017 14:59
Xylenes, Total	ND	0.0050	1	03/16/2017 14:59

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW5030B
Date Prepared:	3/15/17	**Analytical Method:**	SW8260B
Project:	8052; Engineered Fill	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC18	135659

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	103	70-130		03/16/2017 14:59
Toluene-d8	105	70-130		03/16/2017 14:59
4-BFB	102	70-130		03/16/2017 14:59
Benzene-d6	92	60-140		03/16/2017 14:59
Ethylbenzene-d10	102	60-140		03/16/2017 14:59
1,2-DCB-d4	75	60-140		03/16/2017 14:59

Analyst(s): HK

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	3/16/17	**Analytical Method:**	SW8270C
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

Semi-Volatile Organics w/ GPC Clean Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC21	135681

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	03/16/2017 18:04
Acenaphthylene	ND	0.25	1	03/16/2017 18:04
Acetochlor	ND	0.25	1	03/16/2017 18:04
Anthracene	ND	0.25	1	03/16/2017 18:04
Benzidine	ND	1.3	1	03/16/2017 18:04
Benzo (a) anthracene	ND	0.25	1	03/16/2017 18:04
Benzo (b) fluoranthene	ND	0.25	1	03/16/2017 18:04
Benzo (k) fluoranthene	ND	0.25	1	03/16/2017 18:04
Benzo (g,h,i) perylene	ND	0.25	1	03/16/2017 18:04
Benzo (a) pyrene	ND	0.25	1	03/16/2017 18:04
Benzyl Alcohol	ND	1.3	1	03/16/2017 18:04
1,1-Biphenyl	ND	0.25	1	03/16/2017 18:04
Bis (2-chloroethoxy) Methane	ND	0.25	1	03/16/2017 18:04
Bis (2-chloroethyl) Ether	ND	0.25	1	03/16/2017 18:04
Bis (2-chloroisopropyl) Ether	ND	0.25	1	03/16/2017 18:04
Bis (2-ethylhexyl) Adipate	ND	0.25	1	03/16/2017 18:04
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	03/16/2017 18:04
4-Bromophenyl Phenyl Ether	ND	0.25	1	03/16/2017 18:04
Butylbenzyl Phthalate	ND	0.25	1	03/16/2017 18:04
4-Chloroaniline	ND	0.25	1	03/16/2017 18:04
4-Chloro-3-methylphenol	ND	0.25	1	03/16/2017 18:04
2-Chloronaphthalene	ND	0.25	1	03/16/2017 18:04
2-Chlorophenol	ND	0.25	1	03/16/2017 18:04
4-Chlorophenyl Phenyl Ether	ND	0.25	1	03/16/2017 18:04
Chrysene	ND	0.25	1	03/16/2017 18:04
Dibenzo (a,h) anthracene	ND	0.25	1	03/16/2017 18:04
Dibenzofuran	ND	0.25	1	03/16/2017 18:04
Di-n-butyl Phthalate	ND	0.25	1	03/16/2017 18:04
1,2-Dichlorobenzene	ND	0.25	1	03/16/2017 18:04
1,3-Dichlorobenzene	ND	0.25	1	03/16/2017 18:04
1,4-Dichlorobenzene	ND	0.25	1	03/16/2017 18:04
3,3-Dichlorobenzidine	ND	0.50	1	03/16/2017 18:04
2,4-Dichlorophenol	ND	0.25	1	03/16/2017 18:04
Diethyl Phthalate	ND	0.25	1	03/16/2017 18:04
2,4-Dimethylphenol	ND	0.25	1	03/16/2017 18:04
Dimethyl Phthalate	ND	0.25	1	03/16/2017 18:04
4,6-Dinitro-2-methylphenol	ND	1.3	1	03/16/2017 18:04

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	3/16/17	**Analytical Method:**	SW8270C
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

Semi-Volatile Organics w/ GPC Clean Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC21	135681

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	6.3	1	03/16/2017 18:04
2,4-Dinitrotoluene	ND	0.25	1	03/16/2017 18:04
2,6-Dinitrotoluene	ND	0.25	1	03/16/2017 18:04
Di-n-octyl Phthalate	ND	0.50	1	03/16/2017 18:04
1,2-Diphenylhydrazine	ND	0.25	1	03/16/2017 18:04
Fluoranthene	ND	0.25	1	03/16/2017 18:04
Fluorene	ND	0.25	1	03/16/2017 18:04
Hexachlorobenzene	ND	0.25	1	03/16/2017 18:04
Hexachlorobutadiene	ND	0.25	1	03/16/2017 18:04
Hexachlorocyclopentadiene	ND	1.3	1	03/16/2017 18:04
Hexachloroethane	ND	0.25	1	03/16/2017 18:04
Indeno (1,2,3-cd) pyrene	ND	0.25	1	03/16/2017 18:04
Isophorone	ND	0.25	1	03/16/2017 18:04
2-Methylnaphthalene	ND	0.25	1	03/16/2017 18:04
2-Methylphenol (o-Cresol)	ND	0.25	1	03/16/2017 18:04
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	03/16/2017 18:04
Naphthalene	ND	0.25	1	03/16/2017 18:04
2-Nitroaniline	ND	1.3	1	03/16/2017 18:04
3-Nitroaniline	ND	1.3	1	03/16/2017 18:04
4-Nitroaniline	ND	1.3	1	03/16/2017 18:04
Nitrobenzene	ND	1.3	1	03/16/2017 18:04
2-Nitrophenol	ND	1.3	1	03/16/2017 18:04
4-Nitrophenol	ND	1.3	1	03/16/2017 18:04
N-Nitrosodiphenylamine	ND	0.25	1	03/16/2017 18:04
N-Nitrosodi-n-propylamine	ND	0.25	1	03/16/2017 18:04
Pentachlorophenol	ND	1.3	1	03/16/2017 18:04
Phenanthrene	ND	0.25	1	03/16/2017 18:04
Phenol	ND	0.25	1	03/16/2017 18:04
Pyrene	ND	0.25	1	03/16/2017 18:04
1,2,4-Trichlorobenzene	ND	0.25	1	03/16/2017 18:04
2,4,5-Trichlorophenol	ND	0.25	1	03/16/2017 18:04
2,4,6-Trichlorophenol	ND	0.25	1	03/16/2017 18:04

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	3/16/17	**Analytical Method:**	SW8270C
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

Semi-Volatile Organics w/ GPC Clean Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC21	135681

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	105	30-130		03/16/2017 18:04
Phenol-d5	99	30-130		03/16/2017 18:04
Nitrobenzene-d5	98	30-130		03/16/2017 18:04
2-Fluorobiphenyl	93	30-130		03/16/2017 18:04
2,4,6-Tribromophenol	97	10-130		03/16/2017 18:04
4-Terphenyl-d14	102	30-130		03/16/2017 18:04

Analyst(s): REB

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3050B
Date Prepared:	3/15/17	**Analytical Method:**	SW6020
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	ICP-MS3	135650

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	03/16/2017 12:25
Arsenic	**6.8**	0.50	1	03/16/2017 12:25
Barium	**130**	5.0	1	03/16/2017 12:25
Beryllium	ND	0.50	1	03/16/2017 12:25
Cadmium	**0.59**	0.25	1	03/16/2017 12:25
Chromium	**37**	0.50	1	03/16/2017 12:25
Cobalt	**14**	0.50	1	03/16/2017 12:25
Copper	**17**	0.50	1	03/16/2017 12:25
Lead	**9.5**	0.50	1	03/16/2017 12:25
Mercury	ND	0.050	1	03/16/2017 12:25
Molybdenum	**0.80**	0.50	1	03/16/2017 12:25
Nickel	**24**	0.50	1	03/16/2017 12:25
Selenium	ND	0.50	1	03/16/2017 12:25
Silver	ND	0.50	1	03/16/2017 12:25
Thallium	ND	0.50	1	03/16/2017 12:25
Vanadium	**68**	0.50	1	03/16/2017 12:25
Zinc	**72**	5.0	1	03/16/2017 12:25

Surrogates	REC (%)	Limits	
Terbium	110	70-130	03/16/2017 12:25

Analyst(s): DVH

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW5030B
Date Prepared:	3/15/17	**Analytical Method:**	SW8021B/8015Bm
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC19	135636

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	03/16/2017 03:59
MTBE	---	0.050	1	03/16/2017 03:59
Benzene	---	0.0050	1	03/16/2017 03:59
Toluene	---	0.0050	1	03/16/2017 03:59
Ethylbenzene	---	0.0050	1	03/16/2017 03:59
Xylenes	---	0.015	1	03/16/2017 03:59

Surrogates	REC (%)	Limits	
2-Fluorotoluene	91	62-126	03/16/2017 03:59

Analyst(s): IA

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Received:	3/15/17 20:00	**Extraction Method:**	SW3550B/3630C
Date Prepared:	3/15/17	**Analytical Method:**	SW8015B
Project:	8052; Engineered Fill	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
8052	1703788-001A	Soil	03/14/2017 14:30	GC11A	135648

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.4**	1.0	1	03/16/2017 02:44
TPH-Motor Oil (C18-C36)	**9.5**	5.0	1	03/16/2017 02:44

Surrogates	REC (%)	Limits	
C9	98	78-109	03/16/2017 02:44

Analyst(s): TK

Analytical Comments: e7,e2

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135670
Date Analyzed:	3/16/17	**Extraction Method:**	SW3060A
Instrument:	IC2	**Analytical Method:**	SW7199
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135670 1703661-001AMS/MSD

QC Summary Report for SW7199 (Hexavalent chromium)

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Hexavalent chromium	ND	199	4.0	200	-	100	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Hexavalent chromium	182	177	200	ND	91	89	70-130	2.67	20

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135649
Date Analyzed:	3/15/17 - 3/16/17	**Extraction Method:**	SW3550B/3620B
Instrument:	GC22, GC23	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS/LCSD-135649

QC Summary Report OC Pesticides+PCBs w/ Florisil

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0010	-	-	-
a-BHC	ND	0.0010	-	-	-
b-BHC	ND	0.0010	-	-	-
d-BHC	ND	0.0010	-	-	-
g-BHC	ND	0.0010	-	-	-
Chlordane (Technical)	ND	0.025	-	-	-
a-Chlordane	ND	0.0010	-	-	-
g-Chlordane	ND	0.0010	-	-	-
p,p-DDD	ND	0.0010	-	-	-
p,p-DDE	ND	0.0010	-	-	-
p,p-DDT	ND	0.0010	-	-	-
Dieldrin	ND	0.0010	-	-	-
Endosulfan I	ND	0.0010	-	-	-
Endosulfan II	ND	0.0010	-	-	-
Endosulfan sulfate	ND	0.0010	-	-	-
Endrin	ND	0.0010	-	-	-
Endrin aldehyde	ND	0.0010	-	-	-
Endrin ketone	ND	0.0010	-	-	-
Heptachlor	ND	0.0010	-	-	-
Heptachlor epoxide	ND	0.0010	-	-	-
Hexachlorobenzene	ND	0.010	-	-	-
Hexachlorocyclopentadiene	ND	0.020	-	-	-
Methoxychlor	ND	0.0010	-	-	-
Toxaphene	ND	0.050	-	-	-
Aroclor1016	ND	0.050	-	-	-
Aroclor1221	ND	0.050	-	-	-
Aroclor1232	ND	0.050	-	-	-
Aroclor1242	ND	0.050	-	-	-
Aroclor1248	ND	0.050	-	-	-
Aroclor1254	ND	0.050	-	-	-
Aroclor1260	ND	0.050	-	-	-
PCBs, total	ND	0.050	-	-	-
Surrogate Recovery					
Decachlorobiphenyl	0.05247		0.050	105	70-130

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135649
Date Analyzed:	3/15/17 - 3/16/17	**Extraction Method:**	SW3550B/3620B
Instrument:	GC22, GC23	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS/LCSD-135649

QC Summary Report OC Pesticides+PCBs w/ Florisil

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0482	-	0.050	96	-	70-130	-	-
g-BHC	0.0472	-	0.050	94	-	70-130	-	-
p,p-DDT	0.0484	-	0.050	97	-	70-130	-	-
Dieldrin	0.0518	-	0.050	104	-	70-130	-	-
Endrin	0.0502	-	0.050	100	-	70-130	-	-
Heptachlor	0.0451	-	0.050	90	-	70-130	-	-
Aroclor1016	0.150	0.148	0.15	100	99	70-130	0.792	20
Aroclor1260	0.160	0.167	0.15	106	111	70-130	4.50	20
Surrogate Recovery								
Decachlorobiphenyl	0.0533	0.0612	0.050	107	122	70-130	6.82	20

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135659
Date Analyzed:	3/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135659 1703788-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	0.10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0442	0.0050	0.050	-	88	53-116
Benzene	ND	0.0549	0.0050	0.050	-	110	63-137
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
2-Butanone (MEK)	ND	-	0.020	-	-	-	-
t-Butyl alcohol (TBA)	ND	0.168	0.050	0.20	-	84	41-135
n-Butyl benzene	ND	-	0.0050	-	-	-	-
sec-Butyl benzene	ND	-	0.0050	-	-	-	-
tert-Butyl benzene	ND	-	0.0050	-	-	-	-
Carbon Disulfide	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0535	0.0050	0.050	-	107	77-121
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0473	0.0040	0.050	-	95	67-119
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0510	0.0040	0.050	-	102	58-135
1,1-Dichloroethene	ND	0.0519	0.0050	0.050	-	104	42-145
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135659
Date Analyzed:	3/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135659 1703788-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
Diisopropyl ether (DIPE)	ND	0.0524	0.0050	0.050	-	105	52-129
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0500	0.0050	0.050	-	100	53-125
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
2-Hexanone	ND	-	0.0050	-	-	-	-
Isopropylbenzene	ND	-	0.0050	-	-	-	-
4-Isopropyl toluene	ND	-	0.0050	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0479	0.0050	0.050	-	96	58-122
Methylene chloride	ND	-	0.0050	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.0050	-	-	-	-
Naphthalene	ND	-	0.0050	-	-	-	-
n-Propyl benzene	ND	-	0.0050	-	-	-	-
Styrene	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
Tetrachloroethene	ND	-	0.0050	-	-	-	-
Toluene	ND	0.0558	0.0050	0.050	-	112	76-130
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0572	0.0050	0.050	-	114	72-132
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.0050	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Xylenes, Total	ND	-	0.0050	-	-	-	-

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135659
Date Analyzed:	3/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135659 1703788-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	0.124	0.128		0.12	99	102	70-130
Toluene-d8	0.1346	0.136		0.12	108	109	70-130
4-BFB	0.01228	0.0123		0.012	98	99	70-130
Benzene-d6	0.08657	0.102		0.10	87	102	60-140
Ethylbenzene-d10	0.09868	0.117		0.10	99	117	60-140
1,2-DCB-d4	0.07481	0.0882		0.10	75	88	60-140

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	0.0428	0.0427	0.050	ND	86	85	53-116	0.216	20
Benzene	0.0523	0.0511	0.050	ND	105	102	63-137	2.18	20
t-Butyl alcohol (TBA)	0.175	0.165	0.20	ND	88	82	41-135	6.35	20
Chlorobenzene	0.0512	0.0503	0.050	ND	102	101	77-121	1.67	20
1,2-Dibromoethane (EDB)	0.0451	0.0450	0.050	ND	90	90	67-119	0	20
1,2-Dichloroethane (1,2-DCA)	0.0482	0.0478	0.050	ND	96	96	58-135	0	20
1,1-Dichloroethene	0.0493	0.0484	0.050	ND	99	97	42-145	1.79	20
Diisopropyl ether (DIPE)	0.0497	0.0488	0.050	ND	99	98	52-129	1.90	20
Ethyl tert-butyl ether (ETBE)	0.0482	0.0477	0.050	ND	96	95	53-125	1.01	20
Methyl-t-butyl ether (MTBE)	0.0456	0.0460	0.050	ND	91	92	58-122	0.884	20
Toluene	0.0530	0.0513	0.050	ND	106	103	76-130	3.14	20
Trichloroethene	0.0552	0.0534	0.050	ND	110	107	72-132	3.39	20
Surrogate Recovery									
Dibromofluoromethane	0.128	0.129	0.12		103	103	70-130	0	20
Toluene-d8	0.134	0.134	0.12		107	107	70-130	0	20
4-BFB	0.0123	0.0131	0.012		98	105	70-130	6.77	20
Benzene-d6	0.0974	0.0962	0.10		97	96	60-140	1.30	20
Ethylbenzene-d10	0.109	0.108	0.10		109	108	60-140	1.03	20
1,2-DCB-d4	0.0848	0.0850	0.10		85	85	60-140	0	20

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/16/17	**BatchID:**	135681
Date Analyzed:	3/16/17	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135681

QC Summary Report for SW8270C (SVOCs w/ GPC)

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	4.26	0.25	5	-	85	32-113
Acenaphthylene	ND	-	0.25	-	-	-	-
Acetochlor	ND	-	0.25	-	-	-	-
Anthracene	ND	-	0.25	-	-	-	-
Benzidine	ND	-	1.3	-	-	-	-
Benzo (a) anthracene	ND	-	0.25	-	-	-	-
Benzo (b) fluoranthene	ND	-	0.25	-	-	-	-
Benzo (k) fluoranthene	ND	-	0.25	-	-	-	-
Benzo (g,h,i) perylene	ND	-	0.25	-	-	-	-
Benzo (a) pyrene	ND	-	0.25	-	-	-	-
Benzyl Alcohol	ND	-	1.3	-	-	-	-
1,1-Biphenyl	ND	-	0.25	-	-	-	-
Bis (2-chloroethoxy) Methane	ND	-	0.25	-	-	-	-
Bis (2-chloroethyl) Ether	ND	-	0.25	-	-	-	-
Bis (2-chloroisopropyl) Ether	ND	-	0.25	-	-	-	-
Bis (2-ethylhexyl) Adipate	ND	-	0.25	-	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	-	0.25	-	-	-	-
4-Bromophenyl Phenyl Ether	ND	-	0.25	-	-	-	-
Butylbenzyl Phthalate	ND	-	0.25	-	-	-	-
4-Chloroaniline	ND	-	0.25	-	-	-	-
4-Chloro-3-methylphenol	ND	3.96	0.25	5	-	79	35-126
2-Chloronaphthalene	ND	-	0.25	-	-	-	-
2-Chlorophenol	ND	3.82	0.25	5	-	76	38-117
4-Chlorophenyl Phenyl Ether	ND	-	0.25	-	-	-	-
Chrysene	ND	-	0.25	-	-	-	-
Dibenzo (a,h) anthracene	ND	-	0.25	-	-	-	-
Dibenzofuran	ND	-	0.25	-	-	-	-
Di-n-butyl Phthalate	ND	-	0.25	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.25	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.25	-	-	-	-
1,4-Dichlorobenzene	ND	3.38	0.25	5	-	68	31-101
3,3-Dichlorobenzidine	ND	-	0.50	-	-	-	-
2,4-Dichlorophenol	ND	-	0.25	-	-	-	-
Diethyl Phthalate	ND	-	0.25	-	-	-	-
2,4-Dimethylphenol	ND	-	0.25	-	-	-	-
Dimethyl Phthalate	ND	-	0.25	-	-	-	-
4,6-Dinitro-2-methylphenol	ND	-	1.3	-	-	-	-

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/16/17	**BatchID:**	135681
Date Analyzed:	3/16/17	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135681

QC Summary Report for SW8270C (SVOCs w/ GPC)

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
2,4-Dinitrophenol	ND	-	6.3	-	-	-	-
2,4-Dinitrotoluene	ND	4.96	0.25	5	-	99	38-131
2,6-Dinitrotoluene	ND	-	0.25	-	-	-	-
Di-n-octyl Phthalate	ND	-	0.50	-	-	-	-
1,2-Diphenylhydrazine	ND	-	0.25	-	-	-	-
Fluoranthene	ND	-	0.25	-	-	-	-
Fluorene	ND	-	0.25	-	-	-	-
Hexachlorobenzene	ND	-	0.25	-	-	-	-
Hexachlorobutadiene	ND	-	0.25	-	-	-	-
Hexachlorocyclopentadiene	ND	-	1.3	-	-	-	-
Hexachloroethane	ND	-	0.25	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	0.25	-	-	-	-
Isophorone	ND	-	0.25	-	-	-	-
2-Methylnaphthalene	ND	-	0.25	-	-	-	-
2-Methylphenol (o-Cresol)	ND	-	0.25	-	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	-	0.25	-	-	-	-
Naphthalene	ND	-	0.25	-	-	-	-
2-Nitroaniline	ND	-	1.3	-	-	-	-
3-Nitroaniline	ND	-	1.3	-	-	-	-
4-Nitroaniline	ND	-	1.3	-	-	-	-
Nitrobenzene	ND	-	1.3	-	-	-	-
2-Nitrophenol	ND	-	1.3	-	-	-	-
4-Nitrophenol	ND	4.04	1.3	5	-	81	27-127
N-Nitrosodiphenylamine	ND	-	0.25	-	-	-	-
N-Nitrosodi-n-propylamine	ND	3.93	0.25	5	-	79	25-116
Pentachlorophenol	ND	3.67	1.3	5	-	73	28-135
Phenanthrene	ND	-	0.25	-	-	-	-
Phenol	ND	3.77	0.25	5	-	75	33-113
Pyrene	ND	4.64	0.25	5	-	93	38-133
1,2,4-Trichlorobenzene	ND	3.86	0.25	5	-	77	34-117
2,4,5-Trichlorophenol	ND	-	0.25	-	-	-	-
2,4,6-Trichlorophenol	ND	-	0.25	-	-	-	-

(Cont.)

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/16/17	**BatchID:**	135681
Date Analyzed:	3/16/17	**Extraction Method:**	SW3550B/3640A
Instrument:	GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135681

QC Summary Report for SW8270C (SVOCs w/ GPC)

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
2-Fluorophenol	4.36	4.60		5	87	92	31-108
Phenol-d5	3.988	4.44		5	80	89	32-106
Nitrobenzene-d5	4.091	4.57		5	82	91	27-109
2-Fluorobiphenyl	4.098	4.32		5	82	87	26-100
2,4,6-Tribromophenol	4.218	4.19		5	84	84	25-106
4-Terphenyl-d14	4.19	4.72		5	84	94	27-113

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135650
Date Analyzed:	3/17/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135650 1703780-001AMS/MSD 1703780-001APDS

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	48.4	0.50	50	-	97	75-125
Arsenic	ND	50.9	0.50	50	-	102	75-125
Barium	ND	501	5.0	500	-	100	75-125
Beryllium	ND	50.0	0.50	50	-	100	75-125
Cadmium	ND	49.4	0.25	50	-	99	75-125
Chromium	ND	48.6	0.50	50	-	97	75-125
Cobalt	ND	49.8	0.50	50	-	100	75-125
Copper	ND	50.0	0.50	50	-	100	75-125
Lead	ND	49.7	0.50	50	-	99	75-125
Mercury	ND	1.24	0.050	1.25	-	100	75-125
Molybdenum	ND	49.1	0.50	50	-	98	75-125
Nickel	ND	50.2	0.50	50	-	100	75-125
Selenium	ND	50.2	0.50	50	-	100	75-125
Silver	ND	49.2	0.50	50	-	98	75-125
Thallium	ND	48.0	0.50	50	-	96	75-125
Vanadium	ND	48.1	0.50	50	-	96	75-125
Zinc	ND	508	5.0	500	-	102	75-125
Surrogate Recovery							
Terbium	492.7	506		500	99	101	70-130

(Cont.)

CDPH ELAP 1644 • NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135650
Date Analyzed:	3/17/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135650 1703780-001AMS/MSD 1703780-001APDS

QC Summary Report for Metals

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	50.1	50.2	50	0.57	99	99	75-125	0	20
Arsenic	55.9	58.4	50	6.7	98	103	75-125	4.37	20
Barium	686	705	500	180	102	106	75-125	2.76	20
Beryllium	49.7	50.3	50	0.64	98	99	75-125	1.04	20
Cadmium	50.5	50.1	50	ND	101	100	75-125	0.815	20
Chromium	77.8	78.8	50	41	74,F10	76	75-125	1.33	20
Cobalt	60.5	62.7	50	13	96	100	75-125	3.52	20
Copper	76.6	76.7	50	33	88	88	75-125	0	20
Lead	63.0	63.1	50	14	98	98	75-125	0	20
Mercury	1.43	1.65	1.25	0.19	99	116	75-125	14.0	20
Molybdenum	51.0	51.2	50	0.73	100	101	75-125	0.392	20
Nickel	96.5	91.6	50	45	103	93	75-125	5.19	20
Selenium	50.8	50.1	50	ND	101	100	75-125	1.33	20
Silver	50.0	49.5	50	ND	100	99	75-125	0.945	20
Thallium	49.0	48.8	50	ND	98	98	75-125	0	20
Vanadium	92.0	86.6	50	49	85	74,F10	75-125	6.10	20
Zinc	569	570	500	61	101	102	75-125	0.211	20
Surrogate Recovery									
Terbium	529	527	500		106	105	70-130	0.303	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Chromium	90.8	50	41	100	75-125
Vanadium	99.6	50	49	100	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.5	0.57	-	-
Arsenic	6.48	6.7	3.28	-
Barium	178	180	1.11	20
Beryllium	ND<2.5	0.64	-	-
Cadmium	ND<1.2	ND	-	-
Chromium	43.8	41	6.83	20
Cobalt	13.5	13	3.85	20

(Cont.)

CDPH ELAP 1644 • NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135650
Date Analyzed:	3/17/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135650 1703780-001AMS/MSD 1703780-001APDS

QC Summary Report for Metals

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Copper	34.1	33	3.33	20
Lead	14.4	14	2.86	20
Mercury	ND<0.25	0.19	-	-
Molybdenum	ND<2.5	0.73	-	-
Nickel	46.5	45	3.33	20
Selenium	ND<2.5	ND	-	-
Silver	ND<2.5	ND	-	-
Thallium	ND<2.5	ND	-	-
Vanadium	52.4	49	6.94	20
Zinc	62.1	61	1.80	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135636
Date Analyzed:	3/16/17	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135636 1703766-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.600	0.40	0.60	-	100	82-118
MTBE	ND	0.0953	0.050	0.10	-	95	61-119
Benzene	ND	0.122	0.0050	0.10	-	122	77-128
Toluene	ND	0.124	0.0050	0.10	-	125	74-132
Ethylbenzene	ND	0.124	0.0050	0.10	-	123	84-127
Xylenes	ND	0.351	0.015	0.30	-	117	86-129
Surrogate Recovery							
2-Fluorotoluene	0.09428	0.102		0.10	94	102	75-134

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	NR	NR		ND	NR	NR	-	NR	-
MTBE	NR	NR		ND	NR	NR	-	NR	-
Benzene	NR	NR		ND	NR	NR	-	NR	-
Toluene	NR	NR		ND	NR	NR	-	NR	-
Ethylbenzene	NR	NR		ND	NR	NR	-	NR	-
Xylenes	NR	NR		ND	NR	NR	-	NR	-
Surrogate Recovery									
2-Fluorotoluene	NR	NR			NR	NR	-	NR	-

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Stevens Creek Quarry	**WorkOrder:**	1703788
Date Prepared:	3/15/17	**BatchID:**	135648
Date Analyzed:	3/16/17	**Extraction Method:**	SW3550B/3630C
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	8052; Engineered Fill	**Sample ID:**	MB/LCS-135648

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	33.6	1.0	40	-	84	79-133
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	23.02	23.0		25	92	92	77-109

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1703788 **ClientCode: SCQ**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Mark Mallin
Stevens Creek Quarry
12100 Stevens Canyon Road
Cupertino, CA 95014
(408) 640-8578 FAX:

Email: mmallin@scqinc.com
cc/3rd Party:
PO:
ProjectNo: 8052; Engineered Fill

Bill to:
Accounts Payable/ Rich Voss
Stevens Creek Quarry
12100 Stevens Canyon Road
Cupertino, CA 95014
awarner@scqinc.com

Requested TAT: 1 day;

Date Received: 03/15/2017
Date Logged: 03/15/2017

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1703788-001	8052	Soil	3/14/2017 14:30	☐	A	A	A	A	A	A	A					

Test Legend:

1	7199_TTLC_S	2	8081PCB_ESL_S	3	8260B_S	4	8270_ESL_S
5	CAM17MS_TTLC_S	6	G-MBTEX_S	7	TPH(DMO)WSG_S	8	
9		10		11		12	

Prepared by: Briana Cutino

The following SampID: 001A contains testgroup Multi RangeWSG_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: STEVENS CREEK QUARRY
Client Contact: Mark Mallin
Contact's Email: mmallin@scqinc.com

Project: 8052; Engineered Fill

Comments:

Work Order: 1703788
QC Level: LEVEL 2
Date Logged: 3/15/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1703788-001A	8052	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Stainless Steel tube 2"x6"	☐	3/14/2017 14:30	1 day		☐	
			SW6020 (CAM 17)			☐		1 day		☐	
			SW8270C (SVOCs) ESLs			☐		1 day		☐	
			SW8260B (VOCs)			☐		1 day		☐	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			☐		1 day		☐	
			SW7199 (Hexavalent chromium)			☐		1 day		☐	

NOTES: **- STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

McCampbell Analytical, Inc.

1534 Willow Pass Rd. / Pittsburg, Ca 94565-1701
www.mccampbell.com / main@mccampbell.com
Telephone: (877) 252-9262 / Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH [X] 1 DAY [ ] 2 DAY [ ] 3 DAY [ ] 5 DAY [ ]
GeoTracker EDF [ ] PDF [ ] EDD [ ] Write On (DW) [ ] EQuIS [ ] 10 DAY [ ]
Effluent Sample Requiring "J" flag [ ] **UST Clean Up Fund Project** [ ]; **Claim #**_____

Report To: MARK MALLIN	**Bill To:**
Company: STEVENS CREEK QUARRY	
12100 STEVENS CANYON ROAD	
CUPERTINO CA 95014	**E-Mail:** MMALLIN@SCQRINC.COM
Tele: (408) 253-2512	**Fax:** (408) 253-7621
Project #: 8052	**Project Name:** ENGINEERED FILL
Project Location: SHERIDAN	**Purchase Order#**
Sampler Signature:	

Analysis Request

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	[redacted] TPH as Gas (8021/ 8015)	TPH as Diesel (8015) MOTOR OIL W/SGC	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	HEXAVALENT TTLC
8052		3/14	2:30	1					X							X	X			X	X				X	X		X				X

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	3/15/17	1420	
Relinquished By:	Date:	Time:	Received By:
	3/15/17	20 p	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 3.4
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____
APPROPRIATE CONTAINERS____
PRESERVED IN LAB____

COMMENTS:

VOAS O&G METALS OTHER **HAZARDOUS:**
PRESERVATION_____ pH<2_____

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Stevens Creek Quarry**	Date and Time Received	**3/15/2017 20:00**
Project Name:	**8052; Engineered Fill**	Date Logged:	**3/15/2017**
		Received by:	Briana Cutino
WorkOrder №:	**1703788** Matrix: Soil	Logged by:	Briana Cutino
Carrier:	Benjamin Yslas (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

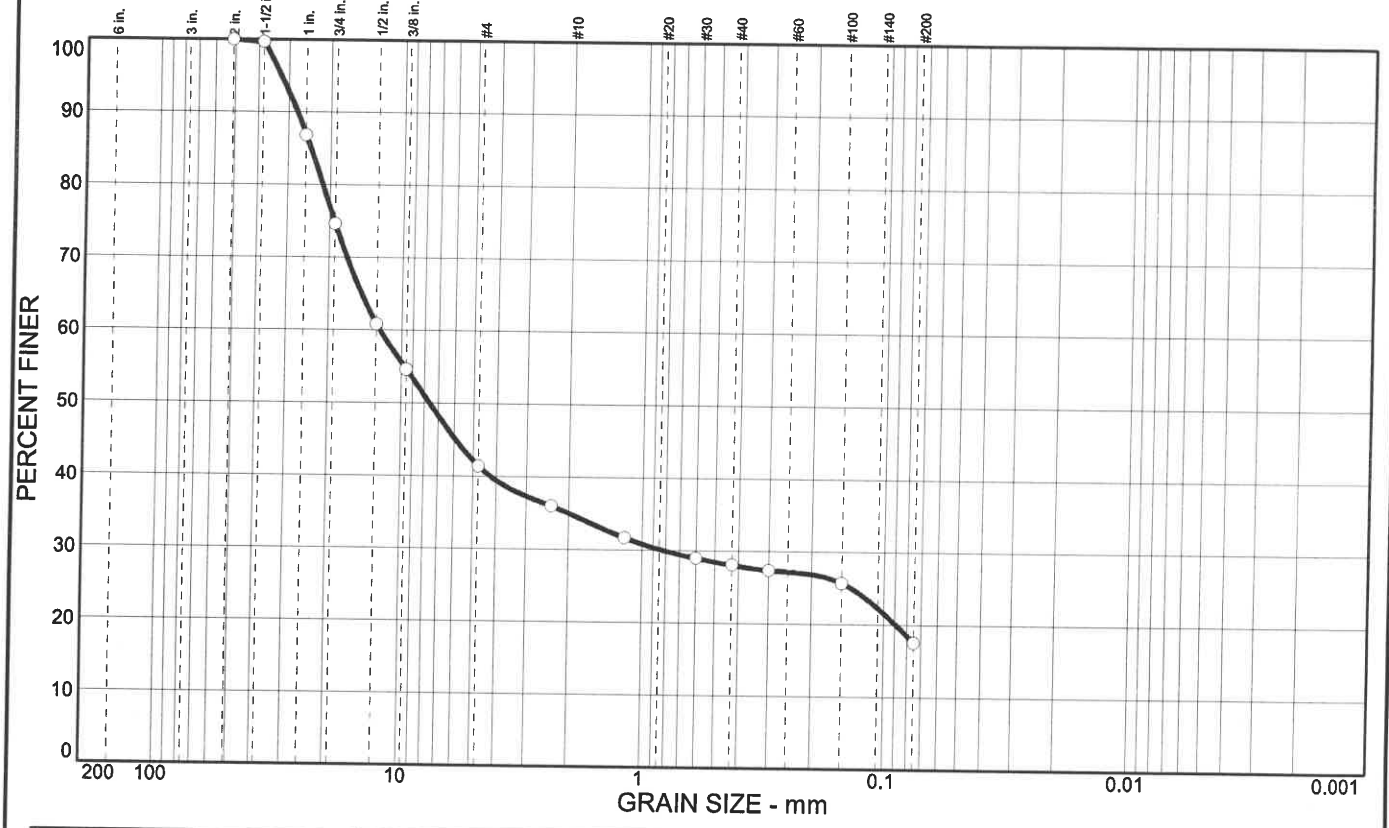
All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 3.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

Particle Size Distribution Report



	% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY	USCS	AASHTO	PL	LL
○		58.6	23.9	17.5		GM		26	31

SIEVE inches size	PERCENT FINER ○		
2	100.0		
1.5"	99.7		
1"	86.8		
3/4"	74.6		
1/2"	60.8		
3/8"	54.6		
	GRAIN SIZE		
D_{60}	12.3		
D_{30}	0.813		
D_{10}			
	COEFFICIENTS		
C_c			
C_u			

SIEVE number size	PERCENT FINER ○		
#4	41.4		
#8	36.0		
#16	31.7		
#30	29.0		
#40	28.1		
#50	27.4		
#100	25.7		
#200	17.5		

SOIL DESCRIPTION

○ Olive Brown Silty GRAVEL w/ Sand

REMARKS:

○

○ Source: 6358 S

COOPER TESTING LABORATORY

Client: Stevens Creek Quarry

Project: Engineered Fill - 6358 S/ Date: 4/25/17

Project No.: 384-832

Figure

Expansion Index

ASTM D-4829-07 _X

CTL Job No.:	384-832	**Boring:**		**Date:**	4/26/2017
Client:	Stevens Creek Quarry	**Sample:**	6358 S	**By:**	PJ
Project Name:	Engineered Fill	**Depth:**			
Project No:	6358 S				

Visual Description: Olive Brown Silty GRAVEL w/ Sand

Processing:

Percent Passing #4 Sieve

Total Air Dry Weight:	N/A
Wt. Retained on #4 Sieve:	N/A
% Retained	N/A
% Passing #4 Sieve:	N/A

Sample Dimensions

Height (in.)= 1.001 **Diameter (in.) =** 4.017

Moisture Calcs

	Initial	Final
Tare #		
Wet Wt. + Tare, (gm)	684.7	715.1
Dry Wt. + Tare, (gm)	643.7	643.7
Tare Wt., (gm)	308.6	308.6
Wt. Of Water, (gm)	41.0	71.4
% Water	12.2	21.3

Remolding:

Tamp two lifts, 15 blows/lift @ slightly below optimum moisture content

	Initial	Final	
Ring & Sample:	572.6	603.0	grams
Ring:	196.5	196.5	grams
Remolded Wet Wt.:	376.1	406.5	grams
Wet Density	112.9	120.5	pcf
Dry Density	100.6	99.3	pcf
% Sat. = $\frac{(2.7)(\text{dry dens.})(\text{m/c})}{168.48 - (\text{dry dens.})}$	49.0	82.6	UBC Saturation range 49-51%
			ASTM Saturation range 48-52%

Expansion Test:

Date	Time	Dial	Delta h, %
4/24/2017	17:05	0.0000	0.000
4/24/2017	18:11	-0.0121	1.209
4/25/2017	11:40	-0.0133	1.329
4/25/2017	13:08	-0.0133	1.329
		Total Dial	1.3

Tested with 1 psi Surcharge

Remarks:

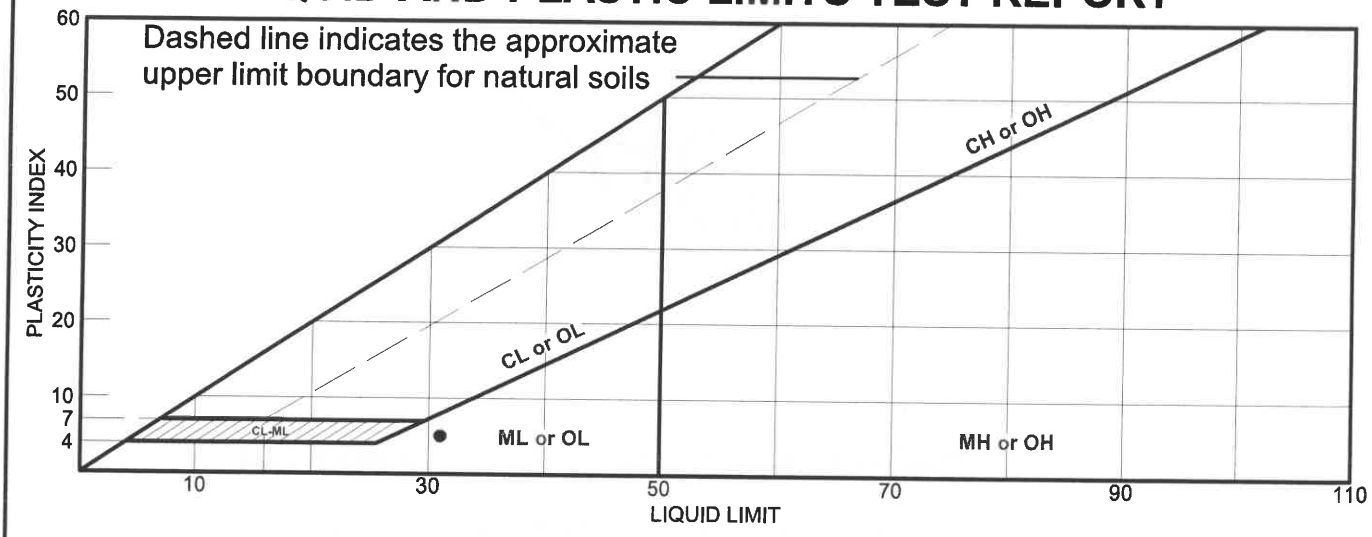
Expansion Index Results

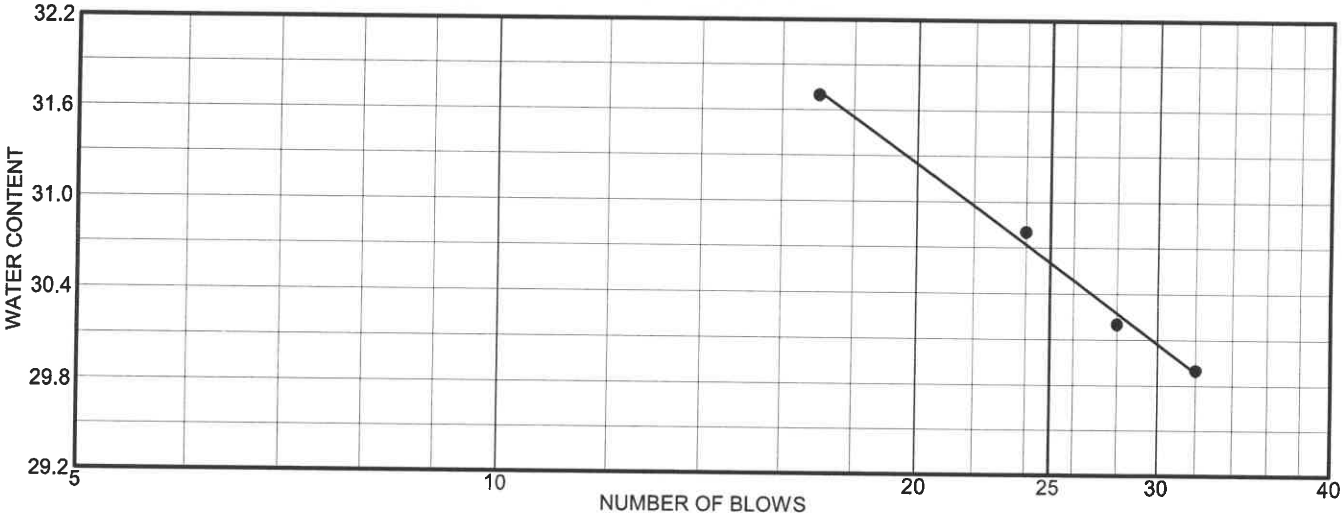
$$\frac{\text{initial dial - final dial}}{\text{initial sample height}} \times 1000$$

EI = 13

This test is a simplified index test and may not show the full potential for expansion and/or shrinkage. Use result with caution! See ASTM D 3877 or D4546

LIQUID AND PLASTIC LIMITS TEST REPORT





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Olive Brown Silty GRAVEL w/ Sand	31	26	5	28.1	17.5	GM

Project No. 384-832 **Client:** Stevens Creek Quarry

Project: Engineered Fill - 6358 S/ Date: 4/25/17

● **Source:** 6358 S

Remarks:

●

LIQUID AND PLASTIC LIMITS TEST REPORT

COOPER TESTING LABORATORY

Figure

SCHNEIDER LABORATORIES GLOBAL

INCORPORATED
2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475
Over 25 Years of Excellence in Service and Technology

LABORATORY ANALYSIS REPORT

Asbestos Identification by PLM Point Count using EPA 600/R-93-116/Carb 435

ACCOUNT #: 193-14-2702
CUSTOMER: KELLCO SERVICES INC
ADDRESS: 3137 DIABLO AVENUE
HAYWARD, CA 94545-2701
PROJECT NAME: Sheradan Road
JOB LOCATION: Sunol, CA
PROJECT NO.: 1408-14 140821D
PO NO.:

DATE COLLECTED: 8/20/2014
DATE RECEIVED: 8/22/2014
DATE ANALYZED: 8/22/2014
DATE REPORTED: 8/22/2014

SampleType: Bulk

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
01	32288486	SCQ P7 Engineered Fill		
Layer 1:		Soil Brown, Granular, Homogenous	None Detected	100% NON FIBROUS MATERIAL

Analyst: Riham Hashim

Reviewed By: Hind Eldanaf, Microscopy Supervisor

Total Number of Pages in Report: 1

Results relate only to samples as received by the laboratory.

Visit www.slabinc.com for current certifications.

Accrediting bodies: AIHA-LAP, LLC 100527, NVLAP 101150-0, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

Samples analyzed by the EPA Point Count test method. Samples analyzed by the EPA Test Method are subject to the inherent limitations of polarized light microscopy including matrix interference. This method has a reporting limit of <0.25% for friable samples. The limit for non-friable, organically bound samples is <0.01%. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement.

CLIENT	JOBSITE
Stevens Creek Quarry, Inc. 12100 Stevens Canyon Road	Stevens Creek Quarry Plant #7 Sheradan Road in Sunol
Cupertino CA 95014	Sunol CA.

KELLCO Services JOB# 1408-14 LAB LOGIN #

COLLECTED BY: Mark Mallin

COLLECTED DATE August 20, 2014

TURN AROUND TIME: 4 8 (24) 48 5-DAY

RESULTS NEEDED BY

CIRCLE TYPE OF BULK ANALYSIS

PLM LEAD PAINT LEAD WIPE NON VIABLE MOLD VIABLE MOLD eCOLI (OTHER) CARB 435 Soil Sample Analysis

SAMPLES REC'D 1 ANALYZE TO FIRST POSITIVE YES NO

REPORT RESULTS TO PROJECT MANAGER

NOTES & COMMENTS:

CHAIN OF CUSTODY & SAMPLE SUBMITAL FORM PAGE 1 OF 1

KELLCO Services JOB#: **1408-14**
Stevens Creek Quarry Plant #7

FIELD NUMBER	LOCATION (bldg, rm#, area)	COLOR	MATERIAL or SUBSTRATE (ft w/ size, mastic, tjc, etc.)	NOTES: Like condition, damage, quantity, inside what, beneath what? direction in building (N,S,E,W) etc.)
01	SCQ P7 Engineered Fill	Brown	Dirt	

WorkOrderKey
V : \ 1022 \ 1022485

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	8/21/14	9:35 AM		8-22-14	955

F2 7241 R

Please Reply To:

AMERI SCI

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To:	Mr. Fanelli Environmental Remediation Tech.	**From:**	Miguel Orozco
		AmeriSci Job #:	912071452
Fax #:		**Subject:**	PLM-Bulk-Qualitative rush Results
		Client Project:	1207-78WI; Plant 7; Sheridan Rd. Sunol, CA.
Email:	info@ertinc.com,rfanelli@ertinc.com,skalbag@comcent.net		

Date: Tuesday, July 17, 2012
Time: 10:12:27
Comments:

Number of Pages: 3 (including cover sheet)

AmeriSci Job #: **912071452**

Client Name: Environmental Remediation Tech.

Table I
Summary of Bulk Asbestos Analysis Results

1207-78WI; Plant 7; Sheridan Rd. Sunol, CA.

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	1		----	----	----	----	NVA	NA
Location: Bank Run								

Reviewed By: 7/17/12; Analyzed By: Miguel Orozco; Date Analyzed: 7/17/2012

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

9120714S2

Analytical and Environmental Services

Chain of Custody Record

To Be Used For All Types Of Analysis

Page 1 of 1

Customer Code

BILLED TO	PROJECT INFORMATION	ANALYSIS REQUIRED	Required Turn Around Time
Name: ERT	Sampled By: MARK MACLIN Date Sampled: 7/16/12		4 Hour
Address: 6472 Camden Ave	Project Name: PLANT 7 Job #: 1207-78WJ		8 Hour
City: San Jose	Site Address: SHERIDAN RD		24 Hour
State: CA Zip: 95120	City, State, Zip: SUNOL CA		2 Days/48 Hour
Phone No: 408-866-4141	Site Contact: MARK MACLIN		3 Days/72 Hour
Fax No: 408-866-4186	Phone No: 408 253 2512 Fax No:		5+ Days/120 Hour
Cell No:	Comments: Please composite analyze		DISPOSAL
Email: info@ertinc.com	Samples Preserved: Yes / No Received Cold: Yes / No		☐ Customer ☐ MACS ☐ OTHER (Explain)

Sample #	Sample Description / Type of Work	TIME ON	TIME OFF	TOTAL TIME	FLOW RATES START	FLOW RATES STOP	PCM (Air) - NIOSH 7400	PLM (Bulk) - 40 CFR - Chap. I, Part 763, Subpart F Appendix A or current EPA method	Lead (Wipes, Air, Paint, Soil)	TEM (Air, Bulk) - AHERA/Asbestos Level II	Drinking Water Asbestos*/Lead	Mould - Viable / Non Viable Air / Bulk	Metals (TCLP, CAM17, STLC)	Comments / Area Social Security #
	BLANK RUN							✓						Don't
														Analyze
														More
														Samples
														or Layers
														than what
														we have
														listed on
														this COC.
														Thank You

Relinquished By: Mark Mullin Date: 7/16/12 Time:

Received By: Date: 7/17/12 Time: 0933

Lab Report Number(s)

Delivery Type: Drop off FedEx Mail Other