



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

LA County Dept. of Public Works
GMED Materials Lab 900 S. Fremont Ave,
4th Floor
Alhambra, CA 91803-

Telephone: (626)458-5100
Attention: Greg Johnson

Number of Pages 3
Date Received 01/18/2013
Date Reported 01/28/2013

Job Number	Order Date	Client
68191	01/18/2013	LACDPW

Project ID: F4004037
Project Name: Soft-Bottom Channel Cleanouts
Site: San Jose Creek
Avocado Heights

Enclosed please find results of analyses of 3 water samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



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CHAIN OF CUSTODY RECORD

No. 76699

AETL JOB No. 68191

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COMPANY: LACSD BIOD MATERIALS LAB PROJECT MANAGER: MARLE JORDAN
 COMPANY ADDRESS: 900 S. FLEETWRIGHT AVE, AT FAULHART BLVD, BURBANK, CA 91504 PHONE: 818/458-1787
 PROJECT NAME: SOFT-ATOM CHANNEL WEAPONS PROJECT #: F4004037 FAX: 818/458-1650
 SITE NAME AND ADDRESS: SAN JOSE CREEK PO #: 787
AVOLTAPO HELIPLATE

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	STCRK-1	68191-01	1/18/13	W	1/500ML	NA
2	STCRK-2	68191-02	1/18/13	"	"	"
3	STCRK-3	68191-03	1/18/13	"	"	"
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
06/199-025FVMS #4011452/0682013	TOTAL SVIPEANMED SOLIDS DISOLVED OR
X	STCRK-3 SAN JUE CABER
X	1° VITREAN
X	2° INTERMEDIATE
	3° DUNNSTR-SAN

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 3 PROPERLY COOLED: Y / N / NA
 CUSTODY SEALS: Y / N / NA SAMPLES INTACT: Y / N / NA
 RECEIVED IN GOOD CONDITION: Y / N / NA SAMPLES ACCEPTED: Y / N

TURN AROUND TIME: SAME DAY 2 DAYS 3 DAYS
 RUSH NEXT DAY

NORMAL

RELINQUISHED BY SAMPLER:	Signature: <u>[Signature]</u>	Printed Name: <u>WALTER K. JOHNSON</u>	Date: <u>1/18/13</u>	Time: <u>1500</u>
RELINQUISHED BY:	Signature:	Printed Name:	Date:	Time:
RECEIVED BY:	Signature:	Printed Name:	Date:	Time:
RECEIVED BY LABORATORY:	Signature: <u>[Signature]</u>	Printed Name: <u>AETL</u>	Date:	Time:

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 3 samples with the following specification on 01/18/2013.

Lab ID	Sample ID	Sample Date	Matrix	QTY of Containers
68191.01	SJCRK-1	01/18/2013	Aqueous	1
68191.02	SJCRK-2	01/18/2013	Aqueous	1
68191.03	SJCRK-3	01/18/2013	Aqueous	1

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Checked By: _____

Approved By: _____

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ANALYTICAL RESULTS

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LA County Dept. of Public Works
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Site

San Jose Creek
 Avocado Heights

Telephone: (626)458-5100

Attn: Greg Johnson

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Project ID: F4004037

Project Name: Soft-Bottom Channel Cleanouts

AETL Job Number	Submitted	Client
68191	01/18/2013	LACDPW

Method: SM-2540-D, Residue, Non-Filterable, Gravimetric Dried at 103-105C

QC Batch No: 012113-1

Our Lab I.D.		Method Blank	68191.01	68191.02	68191.03	
Client Sample I.D.			SJCRK-1	SJCRK-2	SJCRK-3	
Date Sampled			01/18/2013	01/18/2013	01/18/2013	
Date Prepared		01/21/2013	01/21/2013	01/21/2013	01/21/2013	
Preparation Method		SM2540D	SM2540D	SM2540D	SM2540D	
Date Analyzed		01/21/2013	01/21/2013	01/21/2013	01/21/2013	
Matrix		Aqueous	Aqueous	Aqueous	Aqueous	
Units		mg/L	mg/L	mg/L	mg/L	
Dilution Factor		1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results
Total Suspended Solids (TSS)	0.50	5.00	ND	8.00	ND	7.00

QUALITY CONTROL REPORT

QC Batch No: 012113-1; Dup or Spiked Sample: 68191.01; LCS: Clean Water; LCS Prepared: 01/21/2013; LCS Analyzed: 01/21/2013;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit		
Total Suspended Solids (TSS)	8.00	7.00	13.3	<15	100	87.0	87.0	80-120		



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Project ID: F4004037

Project Name: Soft-Bottom Channel Cleanouts

AETL Job Number	Submitted	Client
68191	01/18/2013	LACDPW

Method: SM-4500-OG, Total Dissolved Oxygen (Std. Methods; 19th ed.)

QC Batch No: 011813-1

Our Lab I.D.		Method Blank	68191.01	68191.02	68191.03	
Client Sample I.D.			SJCRK-1	SJCRK-2	SJCRK-3	
Date Sampled			01/18/2013	01/18/2013	01/18/2013	
Date Prepared		01/18/2013	01/18/2013	01/18/2013	01/18/2013	
Preparation Method		SM4500OG	SM4500OG	SM4500OG	SM4500OG	
Date Analyzed		01/18/2013	01/18/2013	01/18/2013	01/18/2013	
Matrix		Aqueous	Aqueous	Aqueous	Aqueous	
Units		mg/L	mg/L	mg/L	mg/L	
Dilution Factor		1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results
Oxygen, Dissolved	0.10	0.10	NA	9.73	8.88	5.97

QUALITY CONTROL REPORT

QC Batch No: 011813-1; Dup or Spiked Sample: 68191.01; Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit					
Oxygen, Dissolved	9.73	9.58	1.6	<15					



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Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference
