



## 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 01/22/2013  
Date Reported 01/29/2013

Job Number	Order Date	Client
68223	01/22/2013	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 76700

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AETL JOB No. 68223

COMPANY: LACSD MATERIALS LAB  
 PROJECT MANAGER: GABRIEL JOHNSON  
 COMPANY ADDRESS: 910 S. FREMONT AVE, 4TH FLR ALHAMBRA, CA 91803  
 PHONE: 622/458-1797  
 PROJECT NAME: SAFT - BOTTOM CHANNEL - CREEK  
 PROJECT #: F4004077  
 FAX: 322/201-6501  
 SITE NAME AND ADDRESS: SAN JOSE CREEK  
 PO #: TAD  
 ADDRESS: AVOCADO HEIGHTS

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							06/12/08	06/12/08	06/12/08	
1	STARK-1	1/22/13	1344	H2O	1/500 ML	N/A	X	X	X	TOTAL SUSPENDED SOLIDS DO - FILTERED ON  STARK - SAN JOSE CREEK 1 = USTREAM 2 = WITHIN 3 = DOWNSTREAM
2	STARK-2	"	1352	"	"	"	X	X	X	
3	STARK-3	"	1403	"	"	"	X	X	X	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

**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 COND: Y/N  
 SAMPLES ACCEPTED: Y/N

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

RELINQUISHED BY SAMPLER: [Signature: GABRIEL JOHNSON]  
 Signature: [Signature]  
 Printed Name: GABRIEL JOHNSON  
 Date: 1/22/13 Time: 1500

RELINQUISHED BY: 2.  
 Signature: [Signature]  
 Printed Name: [Signature]  
 Date: [Date] Time: [Time]

RECEIVED BY: 1.  
 Signature: [Signature]  
 Printed Name: [Signature]  
 Date: [Date] Time: [Time]

RELINQUISHED BY: 3.  
 Signature: [Signature]  
 Printed Name: [Signature]  
 Date: [Date] Time: [Time]

RECEIVED BY: 2.  
 Signature: [Signature]  
 Printed Name: [Signature]  
 Date: [Date] Time: [Time]

LABORATORY: AETL  
 Signature: [Signature]  
 Printed Name: [Signature]  
 Date: 01/22/13 Time: 1500

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



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Attention: Greg Johnson

Project ID: F4004037

Date Received 01/22/2013

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Job Number	Order Date	Client
68223	01/22/2013	LACDPW

## CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 3 samples with the following specification on 01/22/2013.

Lab ID	Sample ID	Sample Date	Matrix	QTY of Containers
68223.01	SJCRK-1	01/22/2013	Aqueous	1
68223.02	SJCRK-2	01/22/2013	Aqueous	1
68223.03	SJCRK-3	01/22/2013	Aqueous	1

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

Checked By: \_\_\_\_\_

Approved By: \_\_\_\_\_

Cyrus Razmara, Ph.D.  
Laboratory Director



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## ANALYTICAL RESULTS

### Ordered By

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

### 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
68223	01/22/2013	LACDPW

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

QC Batch No: 012313-1

Our Lab I.D.		Method Blank	68223.01	68223.02	68223.03	
Client Sample I.D.			SJCRK-1	SJCRK-2	SJCRK-3	
Date Sampled			01/22/2013	01/22/2013	01/22/2013	
Date Prepared		01/23/2013	01/23/2013	01/23/2013	01/23/2013	
Preparation Method		SM2540D	SM2540D	SM2540D	SM2540D	
Date Analyzed		01/23/2013	01/23/2013	01/23/2013	01/23/2013	
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	10.0	ND	6.00

## QUALITY CONTROL REPORT

QC Batch No: 012313-1; Dup or Spiked Sample: 68223.01; LCS: Clean Water; LCS Prepared: 01/23/2013; LCS Analyzed: 01/23/2013;

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)	10.0	12.0	18.2	<15	100	101	101	80-120		



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## ANALYTICAL RESULTS

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Project ID: F4004037

Project Name: Soft-Bottom Channel Cleanouts

AETL Job Number	Submitted	Client
68223	01/22/2013	LACDPW

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

QC Batch No: 012213-1

Our Lab I.D.		Method Blank	68223.01	68223.02	68223.03	
Client Sample I.D.			SJCRK-1	SJCRK-2	SJCRK-3	
Date Sampled			01/22/2013	01/22/2013	01/22/2013	
Date Prepared		01/22/2013	01/22/2013	01/22/2013	01/22/2013	
Preparation Method		SM4500OG	SM4500OG	SM4500OG	SM4500OG	
Date Analyzed		01/22/2013	01/22/2013	01/22/2013	01/22/2013	
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	11.9	10.9	7.44

## QUALITY CONTROL REPORT

QC Batch No: 012213-1; Dup or Spiked Sample: 68223.01; Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit					
Oxygen, Dissolved	11.9	11.9	<1	<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

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