



Wednesday, August 20, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I070994
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, July 29, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn



ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I070994

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I070994001	DMC-001	Water	7/29/2008 05:40	7/29/2008 13:14
I070994002	DMC-001-DUP	Water	7/29/2008 05:40	7/29/2008 13:14
I070994003	NWUS-001	Water	7/29/2008 07:00	7/29/2008 13:14
I070994004	SUR DS-001	Water	7/29/2008 08:00	7/29/2008 13:14
I070994005	NWDS-001	Water	7/29/2008 06:40	7/29/2008 13:14
I070994006	SJUS-001	Water	7/29/2008 08:15	7/29/2008 13:14

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I070994

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.



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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994001	Date Collected:	7/29/2008 05:40	Matrix:	Water					
Sample ID:	DMC-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	11	mg/L	3	2.0	1			07/30/08 13:26	BIO 5812	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223			Prep by:	CM			
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	18	MPN/100 mL	1.0	1.0	1	07/29/08 14:00	BML 3557	07/30/08 14:40	BML 3558	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 11:15	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0007	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 11:45	MHG 2408	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0023	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 12:10	MHG 2407	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	LHK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.8	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6358	08/08/08 19:23	MMS 4303	
Copper	1.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6358	08/08/08 19:23	MMS 4303	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	460	ug/L	10	0.50	5	08/05/08 00:00	MPR 6345	08/14/08 00:39	MMS 4295	
Boron	88	ug/L	10	0.70	1	08/05/08 00:00	MPR 6345	08/08/08 22:28	MMS 4295	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	J0.14	ug/L	0.20	0.060	1	08/05/08 00:00	MPR 6345	08/08/08 22:28	MMS 4295	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.33	mg/L	0.1	0.060	1			08/06/08 00:00	WET 4501	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	8.9	NTU	0.05	0.020	1			07/29/08 15:50	WET 4471	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4492	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994001	Date Collected:	7/29/2008 05:40	Matrix:	Water					
Sample ID:	DMC-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4505	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	96	mg/L	5	3.0	1			08/07/08 00:00	WTI 1594	

Lab ID:	I070994002	Date Collected:	7/29/2008 05:40			Matrix:	Water			
Sample ID:	DMC-001-DUP	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	9.0	mg/L	3	2.0	1			07/30/08 13:26	BIO 5812	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223			Prep by:	CM			
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	18	MPN/100 mL	1.0	1.0	1	07/29/08 14:00	BML 3557	07/30/08 14:40	BML 3558	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 11:20	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0007	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 11:50	MHG 2408	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0031	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 12:50	MHG 2407	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	LHK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.7	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6358	08/08/08 19:43	MMS 4303	
Copper	1.4	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6358	08/08/08 19:43	MMS 4303	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	370	ug/L	10	0.20	2	08/05/08 00:00	MPR 6345	08/14/08 01:19	MMS 4295	
Boron	90	ug/L	10	0.70	1	08/05/08 00:00	MPR 6345	08/08/08 23:34	MMS 4295	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994002	Date Collected:	7/29/2008 05:40	Matrix:	Water					
Sample ID:	DMC-001-DUP	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	10.14	ug/L	0.20	0.060	1	08/05/08 00:00	MPR 6345	08/08/08 23:34	MMS 4295	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.37	mg/L	0.1	0.060	1			08/06/08 00:00	WET 4501	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	9.6	NTU	0.05	0.020	1			07/29/08 15:53	WET 4471	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4492	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4505	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	92	mg/L	5	3.0	1			08/07/08 00:00	WTI 1594	

Lab ID:	I070994003	Date Collected:	7/29/2008 07:00	Matrix:	Water					
Sample ID:	NWUS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	27	mg/L	3	2.0	1			07/30/08 13:26	BIO 5812	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223			Prep by:	CM			
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	41	MPN/100 mL	1.0	1.0	1	07/29/08 14:00	BML 3557	07/30/08 14:40	BML 3558	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 11:27	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.001	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 11:55	MHG 2408	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	

8/20/2008 16:26

REPORT OF LABORATORY ANALYSIS

Page 6 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994003	Date Collected:	7/29/2008 07:00	Matrix:	Water					
Sample ID:	NWUS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury	0.0048	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 12:55	MHG 2407	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by: LHK		Analyzed by: LM	
		Analytical Method:	EPA 200.8 (filtered)							
Arsenic	2.8	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 07:16	MMS 4304	
Copper	1.8	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 07:16	MMS 4304	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by: TLC		Analyzed by: LM	
		Analytical Method:	EPA 200.8							
Aluminum	740	ug/L	10	0.50	5	08/05/08 00:00	MPR 6345	08/14/08 01:26	MMS 4295	
Boron	97	ug/L	10	0.70	1	08/05/08 00:00	MPR 6345	08/08/08 23:40	MMS 4295	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by: TLC		Analyzed by: LM	
		Analytical Method:	EPA 200.8							
Selenium (reaction cell)	J0.15	ug/L	0.20	0.060	1	08/05/08 00:00	MPR 6345	08/08/08 23:40	MMS 4295	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK	
Total Kjeldahl Nitrogen	0.62	mg/L	0.1	0.060	1			08/06/08 00:00	WET 4501	
Turbidity Analysis		Analytical Method:	EPA 180.1						Analyzed by: LHK	
Turbidity	15	NTU	0.05	0.020	1			07/29/08 15:54	WET 4471	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C						Analyzed by: NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4492	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B						Analyzed by: AL	
Total Organic Carbon	3.2	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4505	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B						Analyzed by: NP	
Hardness (as CaCO3)	110	mg/L	5	3.0	1			08/07/08 00:00	WTI 1594	

Lab ID:	I070994004	Date Collected:	7/29/2008 08:00	Matrix:	Water					
Sample ID:	SUR DS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	73	mg/L	3	2.0	1			07/30/08 13:26	BIO 5812	
Total Coliform & E. Coli Analysis		Prep Method:		SM20-9223			Prep by: CM			
		Analytical Method:		SM20-9223			Analyzed by: CM			
E. Coli	64	MPN/100 mL	1.0	1.0	1	07/29/08 14:00	BML 3557	07/30/08 14:40	BML 3558	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994004	Date Collected:	7/29/2008 08:00			Matrix:	Water			
Sample ID:	SUR DS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:		KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 11:33	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:		TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0016	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 12:00	MHG 2408	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:		UK		
		Analytical Method:	EPA 1631E					Analyzed by: SMD		
Mercury	0.0087	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 13:00	MHG 2407	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:		LHK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	5.4	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 07:56	MMS 4304	
Copper	2.1	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 07:56	MMS 4304	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:		TLC		
		Analytical Method:	EPA 200.8					Analyzed by: LM		
Aluminum	4500	ug/L	50	5.0	50	08/05/08 00:00	MPR 6345	08/14/08 01:32	MMS 4295	
Boron	1200	ug/L	10	7.0	10	08/05/08 00:00	MPR 6345	08/14/08 01:39	MMS 4295	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:		TLC		
		Analytical Method:	EPA 200.8					Analyzed by: LM		
Selenium (reaction cell)	2.1	ug/L	0.20	0.060	1	08/05/08 00:00	MPR 6345	08/08/08 23:47	MMS 4295	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by: LHK		
Total Kjeldahl Nitrogen	0.99	mg/L	0.1	0.060	1			08/06/08 00:00	WET 4501	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by: LHK		
Turbidity	61	NTU	0.1	0.040	2			07/29/08 15:56	WET 4471	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by: NP		
Ammonia (as N)	0.11	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4492	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by: AL		
Total Organic Carbon	6.3	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4505	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by: NP		
Hardness (as CaCO3)	400	mg/L	20	15	5			08/07/08 00:00	WTI 1594	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994005	Date Collected:	7/29/2008 06:40	Matrix:	Water					
Sample ID:	NWDS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	37	mg/L	3	2.0	1			07/30/08 13:26	BIO 5812	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223			Prep by:	CM			
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	490	MPN/100 mL	1.0	1.0	1	07/29/08 14:00	BML 3557	07/30/08 14:40	BML 3558	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 11:37	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0031	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 13:16	MHG 2407	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.012	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 13:06	MHG 2407	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	LHK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	3.2	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:02	MMS 4304	
Copper	1.6	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:02	MMS 4304	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1200	ug/L	10	1.0	10	08/05/08 00:00	MPR 6346	08/13/08 18:37	MMS 4296	
Boron	780	ug/L	10	3.5	5	08/05/08 00:00	MPR 6346	08/13/08 18:44	MMS 4296	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.54	ug/L	0.20	0.060	1	08/05/08 00:00	MPR 6346	08/13/08 18:50	MMS 4296	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.94	mg/L	0.1	0.060	1			08/06/08 00:00	WET 4501	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	17	NTU	0.05	0.020	1			07/29/08 15:57	WET 4471	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	30.066	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4492	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994005	Date Collected:	7/29/2008 06:40	Matrix:	Water					
Sample ID:	NWDS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	6.2	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4505	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	470	mg/L	20	15	5			08/07/08 00:00	WTI 1594	

Lab ID:	I070994006	Date Collected:	7/29/2008 08:15			Matrix:	Water			
Sample ID:	SJUS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D				Analyzed by:		AMS	
Total Suspended Solids	59	mg/L	3	2.0	1			07/30/08 13:26	BIO 5812	
Total Coliform & E. Coli Analysis	Prep Method:		SM20-9223		Prep by:		CM			
	Analytical Method:		SM20-9223				Analyzed by:		CM	
E. Coli	61	MPN/100 mL	1.0	1.0	1	07/29/08 14:00	BML 3557	07/30/08 14:40	BML 3558	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B		Prep by:		KMC			
	Analytical Method:		EPA 405.1 / SM5210B				Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 11:39	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)		Prep by:		UK			
	Analytical Method:		EPA 1631E (filtered)				Analyzed by:		SMD	
Mercury	0.0016	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 13:21	MHG 2407	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E		Prep by:		UK			
	Analytical Method:		EPA 1631E				Analyzed by:		SMD	
Mercury	0.0077	ug/L	0.0005	0.00030	1	08/08/08 00:00	MPR 6378	08/09/08 13:11	MHG 2407	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)		Prep by:		LHK			
	Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM	
Arsenic	5.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:09	MMS 4304	
Copper	2.1	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:09	MMS 4304	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8		Prep by:		TLC			
	Analytical Method:		EPA 200.8				Analyzed by:		LM	
Aluminum	1100	ug/L	10	1.0	10	08/06/08 00:00	MPR 6354	08/15/08 01:27	MMS 4300	
Boron	1400	ug/L	10	7.0	10	08/06/08 00:00	MPR 6354	08/15/08 01:27	MMS 4300	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I070994

Project ID DMC 18600161.10005

Lab ID:	I070994006	Date Collected:	7/29/2008 08:15	Matrix:	Water					
Sample ID:	SJUS-001	Date Received:	7/29/2008 13:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.2	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/15/08 01:47	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/06/08 00:00	WET 4501	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	21	NTU	0.1	0.040	2			07/29/08 15:58	WET 4471	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.11	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4492	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.3	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4505	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	400	mg/L	20	15	5			08/07/08 00:00	WTI 1594	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5812
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226525

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Suspended Solids	ND	3	mg/L	

LABORATORY CONTROL SAMPLE: 226526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	98	80-120	

SAMPLE DUPLICATE: 227344

Parameter	Units	I070001029 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	307	320	3.8	20	

Analysis Description:	Total Coliform & E. Coli Analysis	QC Batch:	BML/3557
Analysis Method:	SM20-9223	QC Batch Method:	SM20-9223

METHOD BLANK: 227243

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
E. Coli	ND	1.0	MPN/100	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3821
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228330

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	89	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3821
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

SAMPLE DUPLICATE: 228331

Parameter	Units	I070001029 Result	DUP Result	RPD	Max RPD Qualifiers
Biochemical Oxygen Demand	mg/L	899.25	950	5.5	20

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6345
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 227536

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	0.5	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

METHOD BLANK: 227536

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Boron	ND	10 ug/L	

LABORATORY CONTROL SAMPLE: 227537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	45	113	85-115	
Boron	ug/L	20	22	108	85-115	
Selenium (reaction cell)	ug/L	20	21	106	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227538 227539

Parameter	Units	I070994001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Boron	ug/L	88	20	120	110	135	108	85-115	4.8	20 1
Selenium (reaction cell)	ug/L	0.14	20	21	21	104	102	85-115	1.4	20



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6345
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227538 227539

Parameter	Units	I070994001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	460	40	1100	1100	1655	1493	85-115	5.9	20	1

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6346
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 227540

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.4	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 227540

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	J0.9	10	ug/L	

LABORATORY CONTROL SAMPLE: 227541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	41	104	85-115	
Boron	ug/L	20	19	96	85-115	
Selenium (reaction cell)	ug/L	20	20	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227542 227543

Parameter	Units	I071014001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	2700	40	6600	6500	9545	9505	85-115	0.2	20	1
Boron	ug/L	12	20	31	30	95	93	85-115	1.5	20	
Selenium (reaction cell)	ug/L	0.092	20	20	20	100	98	85-115	2	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6354
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 227793

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	10.6	10 ug/L	
Boron	ND	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 227794

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	44	110	85-115	
Boron	ug/L	20	19	94	85-115	
Selenium (reaction cell)	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227795 227796

Parameter	Units	I070994006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Selenium (reaction cell)	ug/L	2.2	20	23	22	103	98	85-115	4.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227795 227796

Parameter	Units	I070994006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	1100	40	2200	2200	2840	2773	85-115	1.2	20	1
Boron	ug/L	1400	20	1400	1400	-365	-190	85-115	2.5	20	1

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6358
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227887

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	10.1	0.5 ug/L	
Copper	ND	0.5 ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6358
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

LABORATORY CONTROL SAMPLE: 227888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	100	85-115	
Copper	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227889 227890

Parameter	Units	I070994001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.8	20	23	23	99	101	85-115	1.3	20	
Copper	ug/L	1.5	20	21	21	97	98	85-115	0.9	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6359
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227891

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	

METHOD BLANK: 227891

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 227892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	99	85-115	
Copper	ug/L	20	20	101	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6359
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227893 227894

Parameter	Units	I070994003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Arsenic	ug/L	2.8	20	22	22	98	97	85-115	0.7	20	
Copper	ug/L	1.8	20	21	21	97	96	85-115	0.8	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6378
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6378
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 228522

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	10.0003	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 228523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228526 228527

Parameter	Units	I070994001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Mercury	ug/L	0.0023	0.02	0.024	.024	107	108	71-125	0.5	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6379
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

METHOD BLANK: 228546

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6379
Analysis Method:	EPA 1631E (filtered)	QC Batch Method:	EPA 1631E (filtered)

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 228547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228548 228549

Parameter	Units	I071035010 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Mercury	ug/L	0.0069	0.02	0.028	.028	104	107	71-125	2.7	20	

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4471
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 226648

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 226649

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	103	90-110	

SAMPLE DUPLICATE: 226650

Parameter	Units	I070994001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	8.93	9	0.9		

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Ammonia (as N)	QC Batch: WET/4492
Analysis Method: EPA 350.2 / SM4500C	QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 227460

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 227461

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227462 227463

Parameter	Units	I071014001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0.099	5	5.1	5	99	98	90-110	1.1	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4501
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 227789

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 227790

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227791 227792

Parameter	Units	I070994004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.99	5	6.6	6.5	112	111	90-110	1	20 2	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I070994

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4505
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 228159

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	30.14	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 228160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.6	96	80-120	

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1594
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 228119

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 228120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1100	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228121 228122

Parameter	Units	I071014001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	44	100	150	140	104	98	80-120	4.1	20	

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I070994

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.
- 2 High Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I070994

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I070994001	DMC-001	EPA 160.2 / SM2540D	BIO/5812		
I070994002	DMC-001-DUP	EPA 160.2 / SM2540D	BIO/5812		
I070994003	NWUS-001	EPA 160.2 / SM2540D	BIO/5812		
I070994004	SUR DS-001	EPA 160.2 / SM2540D	BIO/5812		
I070994005	NWDS-001	EPA 160.2 / SM2540D	BIO/5812		
I070994006	SJUS-001	EPA 160.2 / SM2540D	BIO/5812		
I070994001	DMC-001	SM20-9223	BML/3557	SM20-9223	BML/3558
I070994002	DMC-001-DUP	SM20-9223	BML/3557	SM20-9223	BML/3558
I070994003	NWUS-001	SM20-9223	BML/3557	SM20-9223	BML/3558
I070994004	SUR DS-001	SM20-9223	BML/3557	SM20-9223	BML/3558
I070994005	NWDS-001	SM20-9223	BML/3557	SM20-9223	BML/3558
I070994006	SJUS-001	SM20-9223	BML/3557	SM20-9223	BML/3558
I070994001	DMC-001	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I070994002	DMC-001-DUP	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I070994003	NWUS-001	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I070994004	SUR DS-001	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I070994005	NWDS-001	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I070994006	SJUS-001	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I070994001	DMC-001	EPA 1631E	MPR/6378	EPA 1631E	MHG/2407
I070994002	DMC-001-DUP	EPA 1631E	MPR/6378	EPA 1631E	MHG/2407
I070994003	NWUS-001	EPA 1631E	MPR/6378	EPA 1631E	MHG/2407
I070994004	SUR DS-001	EPA 1631E	MPR/6378	EPA 1631E	MHG/2407
I070994005	NWDS-001	EPA 1631E	MPR/6378	EPA 1631E	MHG/2407
I070994005	NWDS-001	EPA 1631E (filtered)	MPR/6378	EPA 1631E (filtered)	MHG/2407
I070994006	SJUS-001	EPA 1631E	MPR/6378	EPA 1631E	MHG/2407
I070994006	SJUS-001	EPA 1631E (filtered)	MPR/6378	EPA 1631E (filtered)	MHG/2407
I070994001	DMC-001	EPA 1631E (filtered)	MPR/6379	EPA 1631E (filtered)	MHG/2408
I070994002	DMC-001-DUP	EPA 1631E (filtered)	MPR/6379	EPA 1631E (filtered)	MHG/2408
I070994003	NWUS-001	EPA 1631E (filtered)	MPR/6379	EPA 1631E (filtered)	MHG/2408
I070994004	SUR DS-001	EPA 1631E (filtered)	MPR/6379	EPA 1631E (filtered)	MHG/2408



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I070994

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I070994001	DMC-001	EPA 200.8	MPR/6345	EPA 200.8	MMS/4295
I070994002	DMC-001-DUP	EPA 200.8	MPR/6345	EPA 200.8	MMS/4295
I070994003	NWUS-001	EPA 200.8	MPR/6345	EPA 200.8	MMS/4295
I070994004	SUR DS-001	EPA 200.8	MPR/6345	EPA 200.8	MMS/4295
I070994005	NWDS-001	EPA 200.8	MPR/6346	EPA 200.8	MMS/4296
I070994006	SJUS-001	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I070994001	DMC-001	EPA 200.8 (filtered)	MPR/6358	EPA 200.8 (filtered)	MMS/4303
I070994002	DMC-001-DUP	EPA 200.8 (filtered)	MPR/6358	EPA 200.8 (filtered)	MMS/4303
I070994003	NWUS-001	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I070994004	SUR DS-001	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I070994005	NWDS-001	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I070994006	SJUS-001	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I070994001	DMC-001	EPA 180.1	WET/4471		
I070994002	DMC-001-DUP	EPA 180.1	WET/4471		
I070994003	NWUS-001	EPA 180.1	WET/4471		
I070994004	SUR DS-001	EPA 180.1	WET/4471		
I070994005	NWDS-001	EPA 180.1	WET/4471		
I070994006	SJUS-001	EPA 180.1	WET/4471		
I070994001	DMC-001	EPA 350.2 / SM4500C	WET/4492		
I070994002	DMC-001-DUP	EPA 350.2 / SM4500C	WET/4492		
I070994003	NWUS-001	EPA 350.2 / SM4500C	WET/4492		
I070994004	SUR DS-001	EPA 350.2 / SM4500C	WET/4492		
I070994005	NWDS-001	EPA 350.2 / SM4500C	WET/4492		
I070994006	SJUS-001	EPA 350.2 / SM4500C	WET/4492		
I070994001	DMC-001	EPA 351.3 / SM4500C	WET/4501		
I070994002	DMC-001-DUP	EPA 351.3 / SM4500C	WET/4501		
I070994003	NWUS-001	EPA 351.3 / SM4500C	WET/4501		
I070994004	SUR DS-001	EPA 351.3 / SM4500C	WET/4501		
I070994005	NWDS-001	EPA 351.3 / SM4500C	WET/4501		
I070994006	SJUS-001	EPA 351.3 / SM4500C	WET/4501		
I070994001	DMC-001	EPA 415.1 / SM5310B	WET/4505		
I070994002	DMC-001-DUP	EPA 415.1 / SM5310B	WET/4505		
I070994003	NWUS-001	EPA 415.1 / SM5310B	WET/4505		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I070994

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I070994004	SUR DS-001	EPA 415.1 / SM5310B	WET/4505		
I070994005	NWDS-001	EPA 415.1 / SM5310B	WET/4505		
I070994006	SJUS-001	EPA 415.1 / SM5310B	WET/4505		
I070994001	DMC-001	EPA 130.2 / SM2340B	WTI/1594		
I070994002	DMC-001-DUP	EPA 130.2 / SM2340B	WTI/1594		
I070994003	NWUS-001	EPA 130.2 / SM2340B	WTI/1594		
I070994004	SUR DS-001	EPA 130.2 / SM2340B	WTI/1594		
I070994005	NWDS-001	EPA 130.2 / SM2340B	WTI/1594		
I070994006	SJUS-001	EPA 130.2 / SM2340B	WTI/1594		

REPORT OF LABORATORY ANALYSIS

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Wednesday, August 20, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I071035
Project ID: DMC 18600161.10005

Collected By: SOPHIA ESANALA
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, July 30, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn



ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I071035001	NWUS-002	Water	7/29/2008 12:10	7/30/2008 12:49
I071035002	SJRDS-002	Water	7/29/2008 13:18	7/30/2008 12:49
I071035003	SCI-001	Water	7/29/2008 11:30	7/30/2008 12:49
I071035004	SJRDS-003	Water	7/29/2008 18:00	7/30/2008 12:49
I071035005	NWUS-003	Water	7/29/2008 19:52	7/30/2008 12:49
I071035006	NWUS-004	Water	7/29/2008 22:09	7/30/2008 12:49
I071035007	SJRUS-003	Water	7/29/2008 18:15	7/30/2008 12:49
I071035008	NWDS-003	Water	7/29/2008 18:45	7/30/2008 12:49
I071035009	NWDS-004	Water	7/29/2008 21:52	7/30/2008 12:49
I071035010	SJRUS-004	Water	7/29/2008 22:17	7/30/2008 12:49
I071035011	NWDS-005	Water	7/30/2008 00:45	7/30/2008 12:49
I071035012	SJRUS-005	Water	7/30/2008 01:21	7/30/2008 12:49
I071035013	NWDS-006	Water	7/30/2008 02:32	7/30/2008 12:49
I071035014	NWDS-006 DUP	Water	7/30/2008 02:32	7/30/2008 12:49
I071035015	SJRUS-006	Water	7/30/2008 02:45	7/30/2008 12:49
I071035016	DMC-002	Water	7/30/2008 06:05	7/30/2008 12:49
I071035017	NWUS-006-DUP	Water	7/30/2008 06:30	7/30/2008 12:49
I071035018	NWUS-006	Water	7/30/2008 06:37	7/30/2008 12:49
I071035019	SJRDS-006	Water	7/30/2008 07:27	7/30/2008 12:49
I071035020	NWUS-007	Water	7/30/2008 09:10	7/30/2008 12:49
I071035021	SJRDS-004	Water	7/29/2008 23:38	7/30/2008 12:49
I071035022	NWUS-005	Water	7/30/2008 01:47	7/30/2008 12:49
I071035023	SJRDS-005	Water	7/30/2008 03:15	7/30/2008 12:49
I071035024	SJRDS-005-DUP	Water	7/30/2008 03:15	7/30/2008 12:49
I071035025	NWDS-007	Water	7/30/2008 06:45	7/30/2008 12:49
I071035026	SJUS-007FB	Water	7/30/2008 07:15	7/30/2008 12:49
I071035027	SJUS-007	Water	7/30/2008 07:25	7/30/2008 12:49
I071035028	SJUS-008	Water	7/30/2008 08:45	7/30/2008 12:49
I071035029	NWDS-008EB	Water	7/30/2008 09:15	7/30/2008 12:49
I071035030	NWDS-008	Water	7/30/2008 09:25	7/30/2008 12:49
I071035031	NWDS-002	Water	7/29/2008 12:20	7/30/2008 12:49
I071035032	SJUS-002	Water	7/29/2008 13:00	7/30/2008 12:49

REPORT OF LABORATORY ANALYSIS

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**NARRATIVE**

Lab Order: I071035

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAP requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

Qualifiers and Compound Notes

- 1 Analyte(s) reported as 'ND' means not detected at or above the listed Method Detection Limits (MDL).



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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035001	Date Collected:	7/29/2008 12:10	Matrix:	Water					
Sample ID:	NWUS-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	8.0	mg/L	3	2.0	1			07/30/08 14:10	BIO 5813	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 15:54	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 13:58	MHG 2411	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0031	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 11:00	MHG 2417	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		LHK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.7	ug/L	0.5	0.070	1	08/05/08 00:00	MPR 6341	08/08/08 05:48	MMS 4290	
Copper	1.4	ug/L	0.5	0.070	1	08/05/08 00:00	MPR 6341	08/08/08 05:48	MMS 4290	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		TLC	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	510	ug/L	10	0.50	5	08/06/08 00:00	MPR 6348	08/14/08 01:59	MMS 4297	
Boron	100	ug/L	10	0.70	1	08/06/08 00:00	MPR 6348	08/09/08 00:20	MMS 4297	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		TLC	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	JO.17	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6348	08/09/08 00:20	MMS 4297	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		LHK	
Total Kjeldahl Nitrogen	0.23	mg/L	0.1	0.060	1			08/07/08 00:00	WET 4508	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		LHK	
Turbidity	12	NTU	0.05	0.020	1			07/31/08 10:27	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4506	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	88	mg/L	5	3.0	1			08/12/08 00:00	WTI 1598	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 4 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID: I071035001	Date Collected:	7/29/2008 12:10	Matrix:	Water
Sample ID: NWUS-002	Date Received:	7/30/2008 12:49		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071035002	Date Collected:	7/29/2008 13:18	Matrix:	Water
Sample ID: SJRDS-002	Date Received:	7/30/2008 12:49		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	28 mg/L	3	2.0	1				07/30/08 14:45	BIO 5814	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	07/30/08 16:05	BOD 3821		08/04/08 00:00	BOD 3822	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0019 ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383		08/12/08 14:13	MHG 2411	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: TLC			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0090 ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379		08/11/08 12:05	MHG 2408	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: LHK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	5.4 ug/L	0.5	0.070	1	08/05/08 00:00	MPR 6342		08/08/08 01:24	MMS 4291	
Copper	2.2 ug/L	0.5	0.070	1	08/05/08 00:00	MPR 6342		08/08/08 01:24	MMS 4291	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	700 ug/L	10	0.40	4	08/06/08 00:00	MPR 6348		08/14/08 02:51	MMS 4297	
Boron	1300 ug/L	10	7.0	10	08/06/08 00:00	MPR 6348		08/14/08 02:45	MMS 4297	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	2.1 ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6348		08/14/08 02:18	MMS 4297	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	1.1 mg/L	0.1	0.060	1				08/07/08 00:00	WET 4508	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	17 NTU	0.05	0.020	1				07/31/08 10:29	WET 4479	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035002	Date Collected:	7/29/2008 13:18	Matrix:	Water					
Sample ID:	SJRDS-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	6.4	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4506	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	370	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

Lab ID:	I071035003	Date Collected:	7/29/2008 11:30	Matrix:	Water					
Sample ID:	SCI-001	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS				
Total Suspended Solids	36	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC				
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 16:09	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD				
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 14:18	MHG 2411	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: TLC				
	Analytical Method:		EPA 1631E			Analyzed by: SMD				
Mercury	0.0066	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 12:41	MHG 2408	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: LHK				
	Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM				
Arsenic	3.1	ug/L	0.5	0.070	1	08/05/08 00:00	MPR 6343	08/07/08 01:34	MMS 4292	
Copper	1.7	ug/L	0.5	0.070	1	08/05/08 00:00	MPR 6343	08/07/08 01:34	MMS 4292	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: TLC				
	Analytical Method:		EPA 200.8			Analyzed by: LM				
Aluminum	940	ug/L	10	0.50	5	08/06/08 00:00	MPR 6348	08/14/08 02:58	MMS 4297	
Boron	800	ug/L	10	3.5	5	08/06/08 00:00	MPR 6348	08/14/08 02:58	MMS 4297	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: TLC				
	Analytical Method:		EPA 200.8			Analyzed by: LM				

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035003	Date Collected:	7/29/2008 11:30	Matrix:	Water					
Sample ID:	SCI-001	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	1.2	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6348	08/14/08 03:37	MMS 4297	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	0.78	mg/L	0.1	0.060	1			08/07/08 00:00	WET 4508	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	20	NTU	0.1	0.040	2			07/31/08 10:32	WET 4479	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	4.8	mg/L	0.5	0.10	1			08/06/08 00:00	WET 4506	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	320	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

Lab ID:	I071035004	Date Collected:	7/29/2008 18:00	Matrix:	Water					
Sample ID:	SJRDS-003	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	36	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	5	mg/L	5	0.60	1	07/30/08 16:11	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by: UK			
		Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD			
Mercury	0.0017	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 14:38	MHG 2411	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by: TLC			
		Analytical Method:		EPA 1631E			Analyzed by: SMD			
Mercury	0.0060	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 12:46	MHG 2408	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by: LHK			
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	5.8	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:16	MMS 4304	
Copper	2.3	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:16	MMS 4304	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 7 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035004	Date Collected:	7/29/2008 18:00	Matrix:	Water					
Sample ID:	SJRDS-003	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	650	ug/L	10	0.40	4	08/06/08 00:00	MPR 6348	08/14/08 03:11	MMS 4297	
Boron	1200	ug/L	10	7.0	10	08/06/08 00:00	MPR 6348	08/14/08 03:04	MMS 4297	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.2	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6348	08/14/08 03:44	MMS 4297	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.2	mg/L	0.1	0.060	1			08/07/08 00:00	WET 4508	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	16	NTU	0.05	0.020	1			07/31/08 10:33	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.12	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.7	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	390	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

Lab ID:	I071035005	Date Collected:	7/29/2008 19:52	Matrix:	Water					
Sample ID:	NWUS-003	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	9.0	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 16:14	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 14:43	MHG 2411	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 8 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035005	Date Collected:	7/29/2008 19:52	Matrix:	Water					
Sample ID:	NWUS-003	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Analytical Method:			EPA 1631E			Analyzed by: SMD				
Mercury	0.0034	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 12:51	MHG 2408	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by: LHK		Analyzed by: LM		
		Analytical Method:		EPA 200.8 (filtered)						
Arsenic	3.0	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:22	MMS 4304	
Copper	1.8	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:22	MMS 4304	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by: TLC		Analyzed by: LM		
		Analytical Method:		EPA 200.8						
Aluminum	670	ug/L	10	0.40	4	08/06/08 00:00	MPR 6348	08/14/08 03:18	MMS 4297	
Boron	110	ug/L	10	0.70	1	08/06/08 00:00	MPR 6348	08/14/08 03:31	MMS 4297	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by: TLC		Analyzed by: LM		
		Analytical Method:		EPA 200.8						
Selenium (reaction cell)	10.14	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6348	08/14/08 03:31	MMS 4297	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C		Analyzed by: LHK				
Total Kjeldahl Nitrogen	0.29	mg/L	0.1	0.060	1			08/07/08 00:00	WET 4508	
Turbidity Analysis		Analytical Method:		EPA 180.1		Analyzed by: LHK				
Turbidity	14	NTU	0.05	0.020	1			07/31/08 10:34	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C		Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B		Analyzed by: AL				
Total Organic Carbon	3.2	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B		Analyzed by: NP				
Hardness (as CaCO3)	120	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

Lab ID:	I071035006	Date Collected:	7/29/2008 22:09	Matrix:	Water					
Sample ID:	NWUS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	5.0	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 9 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035007	Date Collected:	7/29/2008 18:15	Matrix:	Water					
Sample ID:	SJRUS-003	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	25	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	14.9	mg/L	5	0.60	1	07/30/08 16:32	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0016	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 14:54	MHG 2411	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	TLC		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0056	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 13:01	MHG 2408	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	LHK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	5.9	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:35	MMS 4304	
Copper	2.3	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:35	MMS 4304	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	140	ug/L	10	0.10	1	08/06/08 00:00	MPR 6354	08/14/08 12:45	MMS 4300	
Boron	1400	ug/L	10	7.0	10	08/06/08 00:00	MPR 6354	08/15/08 01:54	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.2	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 12:45	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.1	mg/L	0.1	0.060	1			08/07/08 00:00	WET 4508	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	16	NTU	0.05	0.020	1			07/31/08 10:36	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	7.1	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	350	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 11 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID: I071035007	Date Collected:	7/29/2008 18:15	Matrix:	Water
Sample ID: SJRUS-003	Date Received:	7/30/2008 12:49		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071035008	Date Collected:	7/29/2008 18:45	Matrix:	Water
Sample ID: NWDS-003	Date Received:	7/30/2008 12:49		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	70 mg/L	3	2.0	1				07/30/08 14:45	BIO 5814	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	07/30/08 16:36	BOD 3821		08/04/08 00:00	BOD 3822	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0043 ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383		08/12/08 14:59	MHG 2411	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: TLC			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.018 ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379		08/11/08 13:06	MHG 2408	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: LHK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	3.7 ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359		08/09/08 08:42	MMS 4304	
Copper	2.3 ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359		08/09/08 08:42	MMS 4304	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	2200 ug/L	20	2.0	20	08/06/08 00:00	MPR 6350		08/15/08 22:43	MMS 4299	
Boron	790 ug/L	10	3.5	5	08/06/08 00:00	MPR 6350		08/16/08 00:09	MMS 4299	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	0.70 ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350		08/15/08 07:23	MMS 4299	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	1.1 mg/L	0.1	0.060	1				08/07/08 00:00	WET 4508	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	39 NTU	0.1	0.040	2				07/31/08 10:37	WET 4479	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 12 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035008	Date Collected:	7/29/2008 18:45	Matrix:	Water					
Sample ID:	NWDS-003	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	6.3	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	440	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

Lab ID:	I071035009	Date Collected:	7/29/2008 21:52	Matrix:	Water					
Sample ID:	NWDS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	1500	mg/L	6	4.0	2			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	10	mg/L	5	0.60	1	07/30/08 16:45	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0021	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 15:04	MHG 2411	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.37	ug/L	0.0050	0.0030	10	08/11/08 00:00	MPR 6382	08/12/08 11:36	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	LHK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.0	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:49	MMS 4304	
Copper	1.7	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6359	08/09/08 08:49	MMS 4304	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	29000	ug/L	200	20	200	08/06/08 00:00	MPR 6350	08/15/08 22:49	MMS 4299	
Boron	640	ug/L	10	3.5	5	08/06/08 00:00	MPR 6350	08/16/08 00:15	MMS 4299	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035009	Date Collected:	7/29/2008 21:52	Matrix:	Water					
Sample ID:	NWDS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	1.8	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 07:30	MMS 4299	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	5.7	mg/L	0.1	0.060	1			08/07/08 00:00	WET 4508	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	460	NTU	2	1.0	50			07/31/08 10:47	WET 4479	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	0.69	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	8.2	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	520	mg/L	20	15	5			08/12/08 00:00	WTI 1598	

Lab ID:	I071035010	Date Collected:	7/29/2008 22:17	Matrix:	Water					
Sample ID:	SJRUS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	55	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	14.9	mg/L	5	0.60	1	07/30/08 16:47	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by: UK			
		Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD			
Mercury	0.0016	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6383	08/12/08 15:09	MHG 2411	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by: TLC			
		Analytical Method:		EPA 1631E			Analyzed by: SMD			
Mercury	0.0069	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6379	08/11/08 10:54	MHG 2408	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by: LHK			
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	5.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 11:34	MMS 4305	
Copper	1.6	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 11:34	MMS 4305	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 14 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035010	Date Collected:	7/29/2008 22:17	Matrix:	Water					
Sample ID:	SJRUS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1100	ug/L	10	1.0	10	08/06/08 00:00	MPR 6350	08/15/08 22:56	MMS 4299	
Boron	1300	ug/L	10	7.0	10	08/06/08 00:00	MPR 6350	08/15/08 22:56	MMS 4299	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.1	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 07:36	MMS 4299	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.6	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	24	NTU	0.1	0.040	2			07/31/08 10:51	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.22	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.5	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	420	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035011	Date Collected:	7/30/2008 00:45	Matrix:	Water					
Sample ID:	NWDS-005	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	990	mg/L	6	4.0	2			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	7	mg/L	5	0.60	1	07/31/08 12:39	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0022	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 11:06	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035011	Date Collected:	7/30/2008 00:45	Matrix:	Water					
Sample ID:	NWDS-005	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		SMD
Mercury	0.26	ug/L	0.0050	0.0030	10	08/11/08 00:00	MPR 6382	08/12/08 11:41	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		LHK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	1.8	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 11:54	MMS 4305	
Copper	1.1	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 11:54	MMS 4305	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		TLC		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	11000	ug/L	100	10	100	08/06/08 00:00	MPR 6350	08/15/08 23:03	MMS 4299	
Boron	340	ug/L	10	1.4	2	08/06/08 00:00	MPR 6350	08/16/08 00:28	MMS 4299	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		TLC		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	0.88	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 23:42	MMS 4299	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		LHK
Total Kjeldahl Nitrogen	3.2	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		LHK
Turbidity	290	NTU	1	0.40	20			07/31/08 10:54	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	0.54	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	8.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	320	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035012	Date Collected:	7/30/2008 01:21	Matrix:	Water					
Sample ID:	SJRUS-005	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	38	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 16 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035013	Date Collected:	7/30/2008 02:32	Matrix:	Water					
Sample ID:	NWDS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	440	mg/L	6	4.0	2			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	7	mg/L	5	0.60	1	07/31/08 12:45	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0021	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 11:36	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.12	ug/L	0.0010	0.00060	2	08/11/08 00:00	MPR 6382	08/12/08 11:46	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	LHK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	1.9	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:27	MMS 4305	
Copper	1.1	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:27	MMS 4305	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	9600	ug/L	50	5.0	50	08/06/08 00:00	MPR 6350	08/15/08 23:16	MMS 4299	
Boron	260	ug/L	10	1.4	2	08/06/08 00:00	MPR 6350	08/16/08 00:42	MMS 4299	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.79	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 08:16	MMS 4299	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	2.6	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	160	NTU	1	0.40	20			07/31/08 10:58	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.44	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.7	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	270	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 18 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID: I071035013 Date Collected: 7/30/2008 02:32 Matrix: Water
 Sample ID: NWDS-006 Date Received: 7/30/2008 12:49

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071035014 Date Collected: 7/30/2008 02:32 Matrix: Water
 Sample ID: NWDS-006 DUP Date Received: 7/30/2008 12:49

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	460 mg/L	6	4.0	2		07/31/08 13:55	BIO 5816		
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
	Analytical Method:	EPA 405.1 / SM5210B				Analyzed by:	KMC		
Biochemical Oxygen Demand	7 mg/L	5	0.60	1	07/31/08 12:46	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
	Analytical Method:	EPA 1631E (filtered)				Analyzed by:	SMD		
Mercury	0.0020 ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 10:50	MHG 2415	
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E				Prep by:	UK		
	Analytical Method:	EPA 1631E				Analyzed by:	SMD		
Mercury	0.13 ug/L	0.0025	0.0015	5	08/11/08 00:00	MPR 6382	08/12/08 11:51	MHG 2410	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)				Prep by:	LHK		
	Analytical Method:	EPA 200.8 (filtered)				Analyzed by:	LM		
Arsenic	1.8 ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:34	MMS 4305	
Copper	1.0 ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:34	MMS 4305	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8				Prep by:	TLC		
	Analytical Method:	EPA 200.8				Analyzed by:	LM		
Aluminum	10000 ug/L	50	5.0	50	08/06/08 00:00	MPR 6350	08/15/08 23:22	MMS 4299	
Boron	260 ug/L	10	1.4	2	08/06/08 00:00	MPR 6350	08/16/08 00:48	MMS 4299	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8				Prep by:	TLC		
	Analytical Method:	EPA 200.8				Analyzed by:	LM		
Selenium (reaction cell)	0.91 ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 08:22	MMS 4299	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C				Analyzed by:	LHK		
Total Kjeldahl Nitrogen	2.6 mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis	Analytical Method:	EPA 180.1				Analyzed by:	LHK		
Turbidity	200 NTU	1	0.40	20			07/31/08 10:59	WET 4479	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035014	Date Collected:	7/30/2008 02:32	Matrix:	Water					
Sample ID:	NWDS-006 DUP	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	0.43	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	6.9	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	270	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035015	Date Collected:	7/30/2008 02:45	Matrix:	Water					
Sample ID:	SJRUS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS				
Total Suspended Solids	36	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC				
Biochemical Oxygen Demand	14.8	mg/L	5	0.60	1	07/31/08 12:47	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: TLC				
	Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD				
Mercury	0.0013	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 11:41	MHG 2415	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E			Analyzed by: SMD				
Mercury	0.0061	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 10:41	MHG 2410	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: LHK				
	Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM				
Arsenic	5.4	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:40	MMS 4305	
Copper	1.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:40	MMS 4305	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: TLC				
	Analytical Method:		EPA 200.8			Analyzed by: LM				
Aluminum	880	ug/L	10	0.50	5	08/06/08 00:00	MPR 6350	08/15/08 23:29	MMS 4299	
Boron	1200	ug/L	10	7.0	10	08/06/08 00:00	MPR 6350	08/16/08 00:55	MMS 4299	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: TLC				
	Analytical Method:		EPA 200.8			Analyzed by: LM				

8/20/2008 16:40

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Page 20 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035015	Date Collected:	7/30/2008 02:45	Matrix:	Water					
Sample ID:	SJRUS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	2.1	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 08:29	MMS 4299	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	1.4	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	19	NTU	0.1	0.040	2			07/31/08 11:01	WET 4479	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	6.4	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	390	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035016	Date Collected:	7/30/2008 06:05	Matrix:	Water					
Sample ID:	DMC-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	8.0	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Total Coliform & E. Coli Analysis		Prep Method:		SM20-9223			Prep by:		CM	
		Analytical Method:		SM20-9223			Analyzed by:		CM	
E. Coli	8.6	MPN/100 mL	1.0	1.0	1	07/30/08 14:01	BML 3559	07/31/08 14:40	BML 3560	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 12:52	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0008	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 11:46	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0029	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 12:27	MHG 2410	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 21 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035016	Date Collected:	7/30/2008 06:05	Matrix:	Water					
Sample ID:	DMC-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)			Prep by:		LHK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:47	MMS 4305	
Copper	1.3	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:47	MMS 4305	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8			Prep by:		TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	550	ug/L	10	0.40	4	08/06/08 00:00	MPR 6350	08/15/08 21:57	MMS 4299	
Boron	89	ug/L	10	0.70	1	08/06/08 00:00	MPR 6350	08/15/08 07:03	MMS 4299	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8			Prep by:		TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	10.15	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 07:03	MMS 4299	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	0.33	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	11	NTU	0.05	0.020	1			07/31/08 11:02	WET 4479	
Nitrogen, Ammonia (as N)	Analytical Method:	EPA 350.2 / SM4500C						Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis	Analytical Method:	EPA 415.1 / SM5310B						Analyzed by: AL		
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric	Analytical Method:	EPA 130.2 / SM2340B						Analyzed by: NP		
Hardness (as CaCO3)	150	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035017	Date Collected:	7/30/2008 06:30	Matrix:	Water					
Sample ID:	NWUS-006-DUP	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	6.0	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 12:55	BOD 3823	08/05/08 00:00	BOD 3824	

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035017	Date Collected:	7/30/2008 06:30	Matrix:	Water					
Sample ID:	NWUS-006-DUP	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0008	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 11:51	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0029	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 12:32	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	LHK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:53	MMS 4305	
Copper	1.3	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 12:53	MMS 4305	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	520	ug/L	10	0.40	4	08/06/08 00:00	MPR 6350	08/15/08 23:36	MMS 4299	
Boron	94	ug/L	10	0.70	1	08/06/08 00:00	MPR 6350	08/15/08 22:17	MMS 4299	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	30.14	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6350	08/15/08 08:36	MMS 4299	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.37	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	11	NTU	0.05	0.020	1			07/31/08 11:03	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	180	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID: I071035018 **Date Collected:** 7/30/2008 06:37 **Matrix:** Water
Sample ID: NWUS-006 **Date Received:** 7/30/2008 12:49

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035018	Date Collected:	7/30/2008 06:37	Matrix:	Water					
Sample ID:	NWUS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	6.0	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223				Prep by:	CM		
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	7.3	MPN/100 mL	1.0	1.0	1	07/30/08 14:01	BML 3559	07/31/08 14:40	BML 3560	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 13:00	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0008	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 11:56	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0030	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 12:37	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	LHK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 13:00	MMS 4305	
Copper	1.5	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 13:00	MMS 4305	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	210	ug/L	10	0.10	1	08/06/08 00:00	MPR 6354	08/14/08 12:52	MMS 4300	
Boron	110	ug/L	10	0.70	1	08/06/08 00:00	MPR 6354	08/15/08 02:00	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	JO.11	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 12:52	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.38	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	12	NTU	0.05	0.020	1			07/31/08 11:04	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 24 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035018	Date Collected:	7/30/2008 06:37	Matrix:	Water					
Sample ID:	NWUS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	240	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035019	Date Collected:	7/30/2008 07:27			Matrix:	Water			
Sample ID:	SJRDS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D				Analyzed by:		AMS	
Total Suspended Solids	390	mg/L	6	4.0	2			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC		
	Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC		
Biochemical Oxygen Demand	14.6	mg/L	5	0.60	1	07/31/08 13:02	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by:		TLC		
	Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD		
Mercury	0.0017	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:01	MHG 2415	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by:		UK		
	Analytical Method:		EPA 1631E			Analyzed by:		SMD		
Mercury	0.078	ug/L	0.0010	0.00060	2	08/11/08 00:00	MPR 6382	08/12/08 12:42	MHG 2410	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by:		LHK		
	Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM		
Arsenic	2.6	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 13:07	MMS 4305	
Copper	1.0	ug/L	0.5	0.070	1	08/06/08 00:00	MPR 6360	08/15/08 13:07	MMS 4305	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by:		TLC		
	Analytical Method:		EPA 200.8			Analyzed by:		LM		
Aluminum	1300	ug/L	10	1.0	10	08/06/08 00:00	MPR 6354	08/15/08 02:33	MMS 4300	
Boron	540	ug/L	10	2.8	4	08/06/08 00:00	MPR 6354	08/15/08 03:19	MMS 4300	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by:		TLC		
	Analytical Method:		EPA 200.8			Analyzed by:		LM		
Selenium (reaction cell)	0.76	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/15/08 02:07	MMS 4300	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		LHK	

8/20/2008 16:40

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Page 25 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035019	Date Collected:	7/30/2008 07:27	Matrix:	Water					
Sample ID:	SJRDS-006	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Kjeldahl Nitrogen	1.9	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis	Analytical Method:		EPA 180.1					Analyzed by:	LHK	
Turbidity	120	NTU	1	0.40	20			07/31/08 11:12	WET 4479	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.13	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	5.4	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	280	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035020	Date Collected:	7/30/2008 09:10	Matrix:	Water					
Sample ID:	NWUS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	9.0	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 13:06	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: TLC				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0008	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:37	MHG 2415	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.0031	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 11:57	MHG 2410	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.6	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:26	MMS 4309	
Copper	1.6	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:26	MMS 4309	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: TLC				
	Analytical Method:		EPA 200.8					Analyzed by: LM		

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 26 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035020	Date Collected:	7/30/2008 09:10	Matrix:	Water					
Sample ID:	NWUS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Aluminum	200	ug/L	10	0.10	1	08/06/08 00:00	MPR 6354	08/15/08 02:40	MMS 4300	
Boron	130	ug/L	10	0.70	1	08/06/08 00:00	MPR 6354	08/14/08 13:05	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	J0.17	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 13:05	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.35	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	11	NTU	0.05	0.020	1			07/31/08 11:13	WET 4479	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	200	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035021	Date Collected:	7/29/2008 23:38	Matrix:	Water					
Sample ID:	SJRDS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	150	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	7	mg/L	5	0.60	1	07/30/08 16:54	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0021	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:42	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.036	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 12:47	MHG 2410	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 27 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035021	Date Collected:	7/29/2008 23:38	Matrix:	Water					
Sample ID:	SJRDS-004	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.4	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 03:46	MMS 4309	
Copper	1.4	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 03:46	MMS 4309	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	5000	ug/L	50	5.0	50	08/06/08 00:00	MPR 6354	08/15/08 02:46	MMS 4300	
Boron	740	ug/L	10	3.5	5	08/06/08 00:00	MPR 6354	08/15/08 03:26	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	1.3	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 13:12	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	2.6	mg/L	0.1	0.060	1			08/11/08 00:00	WET 4517	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	160	NTU	0.5	0.20	10			07/31/08 11:22	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.46	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	8.5	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	370	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035022	Date Collected:	7/30/2008 01:47	Matrix:	Water					
Sample ID:	NWUS-005	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	8.0	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 15:47	BOD 3823	08/05/08 00:00	BOD 3824	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035022	Date Collected:	7/30/2008 01:47	Matrix:	Water					
Sample ID:	NWUS-005	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0009	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:47	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0033	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 12:52	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.4	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:32	MMS 4309	
Copper	1.4	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:32	MMS 4309	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	570	ug/L	10	0.50	5	08/06/08 00:00	MPR 6354	08/15/08 02:53	MMS 4300	
Boron	110	ug/L	10	0.70	1	08/06/08 00:00	MPR 6354	08/15/08 03:32	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	10.14	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 13:19	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.35	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	11	NTU	0.05	0.020	1			07/31/08 11:25	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.2	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	240	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID: I071035023 **Date Collected:** 7/30/2008 03:15 **Matrix:** Water
Sample ID: SJRDS-005 **Date Received:** 7/30/2008 12:49

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035023	Date Collected:	7/30/2008 03:15	Matrix:	Water					
Sample ID:	SJRDS-005	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	220	mg/L	6	4.0	2			07/31/08 13:55	BIO 5816	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	6	mg/L	5	0.60	1	07/31/08 15:51	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0020	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:52	MHG 2415	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.048	ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 12:57	MHG 2410	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.7	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:39	MMS 4309	
Copper	1.2	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:39	MMS 4309	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	4500	ug/L	50	5.0	50	08/06/08 00:00	MPR 6354	08/15/08 02:59	MMS 4300	
Boron	560	ug/L	10	3.5	5	08/06/08 00:00	MPR 6354	08/15/08 03:59	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	1.0	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 13:25	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.9	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	200	NTU	0.5	0.20	10			07/31/08 11:27	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.26	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.2	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	290	mg/L	20	15	5			08/13/08 00:00	WTI 1600	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID: I071035023

Date Collected: 7/30/2008 03:15

Matrix: Water

Sample ID: SJRDS-005

Date Received: 7/30/2008 12:49

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071035024

Date Collected: 7/30/2008 03:15

Matrix: Water

Sample ID: SJRDS-005-DUP

Date Received: 7/30/2008 12:49

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D				Analyzed by:	AMS			
Total Suspended Solids	120 mg/L	6	4.0	2		07/31/08 13:55	BIO 5816			
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC			
	Analytical Method:	EPA 405.1 / SM5210B				Analyzed by:	KMC			
Biochemical Oxygen Demand	6 mg/L	5	0.60	1	07/31/08 15:55	BOD 3823	08/05/08 00:00	BOD 3824		
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)				Prep by:	UK			
	Analytical Method:	EPA 1631E (filtered)				Analyzed by:	SMD			
Mercury	0.0021 ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6392	08/13/08 14:53	MHG 2416		
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E				Prep by:	UK			
	Analytical Method:	EPA 1631E				Analyzed by:	SMD			
Mercury	0.045 ug/L	0.0005	0.00030	1	08/11/08 00:00	MPR 6382	08/12/08 13:02	MHG 2410		
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)				Prep by:	UK			
	Analytical Method:	EPA 200.8 (filtered)				Analyzed by:	LM			
Arsenic	2.7 ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:46	MMS 4309		
Copper	1.2 ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:46	MMS 4309		
Metals Analysis by ICPMS	Prep Method:	EPA 200.8				Prep by:	TLC			
	Analytical Method:	EPA 200.8				Analyzed by:	LM			
Aluminum	4100 ug/L	50	5.0	50	08/06/08 00:00	MPR 6354	08/15/08 03:06	MMS 4300		
Boron	560 ug/L	10	3.5	5	08/06/08 00:00	MPR 6354	08/15/08 04:05	MMS 4300		
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8				Prep by:	TLC			
	Analytical Method:	EPA 200.8				Analyzed by:	LM			
Selenium (reaction cell)	1.0 ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 13:32	MMS 4300		
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C				Analyzed by:	LHK			
Total Kjeldahl Nitrogen	1.9 mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518		
Turbidity Analysis	Analytical Method:	EPA 180.1				Analyzed by:	LHK			
Turbidity	63 NTU	0.2	0.10	5			07/31/08 11:28	WET 4480		



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035024	Date Collected:	7/30/2008 03:15	Matrix:	Water					
Sample ID:	SJRDS-005-DUP	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	0.27	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	6.3	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	280	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035025	Date Collected:	7/30/2008 06:45	Matrix:	Water					
Sample ID:	NWDS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	240	mg/L	6	4.0	2			07/31/08 13:55	BIO 5816	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223				Prep by:	CM		
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	550	MPN/100 mL	1.0	1.0	1	07/30/08 14:01	BML 3559	07/31/08 14:40	BML 3560	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	14.8	mg/L	5	0.60	1	07/31/08 15:58	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0018	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6392	08/13/08 14:58	MHG 2416	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.078	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6392	08/13/08 14:28	MHG 2416	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	1.8	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:52	MMS 4309	
Copper	1.0	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:52	MMS 4309	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 32 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035025	Date Collected:	7/30/2008 06:45	Matrix:	Water					
Sample ID:	NWDS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Aluminum	5500	ug/L	50	5.0	50	08/06/08 00:00	MPR 6354	08/15/08 03:13	MMS 4300	
Boron	210	ug/L	10	0.70	1	08/06/08 00:00	MPR 6354	08/15/08 04:12	MMS 4300	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.49	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6354	08/14/08 13:38	MMS 4300	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	130	NTU	0.5	0.20	10			07/31/08 11:30	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.13	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	5.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	280	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035026	Date Collected:	7/30/2008 07:15	Matrix:	Water					
Sample ID:	SJUS-007FB	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	ND	mg/L	3	2.0	1			07/31/08 13:55	BIO 5816	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223			Prep by:	CM			
		Analytical Method:	SM20-9223					Analyzed by:	CM	
E. Coli	ND	MPN/100 mL	1.0	1.0	1	07/30/08 14:01	BML 3559	07/31/08 14:40	BML 3560	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 16:01	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	ND	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6392	08/13/08 15:03	MHG 2416	1

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 33 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035026	Date Collected:	7/30/2008 07:15	Matrix:	Water					
Sample ID:	SJUS-007FB	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	J0.0004	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6392	08/13/08 14:33	MHG 2416	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	ND	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:59	MMS 4309	
Copper	ND	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 04:59	MMS 4309	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	J6	ug/L	10	0.10	1	08/06/08 00:00	MPR 6355	08/15/08 09:09	MMS 4301	
Boron	J2	ug/L	10	0.70	1	08/06/08 00:00	MPR 6355	08/15/08 09:09	MMS 4301	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	ND	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6355	08/15/08 09:09	MMS 4301	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	ND	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	ND	NTU	0.05	0.020	1			07/31/08 11:32	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	J0.36	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	ND	mg/L	5	3.0	1			08/13/08 00:00	WTI 1600	

Lab ID:	I071035027	Date Collected:	7/30/2008 07:25	Matrix:	Water					
Sample ID:	SJUS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	69	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Total Coliform & E. Coli Analysis		Prep Method:		SM20-9223			Prep by: CM			

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 34 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035027	Date Collected:	7/30/2008 07:25	Matrix:	Water					
Sample ID:	SJUS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
E. Coli	200	MPN/100 mL	1.0	1.0	1	07/30/08 14:01	BML 3559	07/31/08 14:40	BML 3560	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	J4.6	mg/L	5	0.60	1	07/31/08 16:07	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0016	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6392	08/13/08 14:13	MHG 2416	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	TLC			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0058	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:06	MHG 2415	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	5.5	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 05:12	MMS 4309	
Copper	1.6	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 05:12	MMS 4309	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1400	ug/L	10	1.0	10	08/06/08 00:00	MPR 6355	08/16/08 01:54	MMS 4301	
Boron	1300	ug/L	10	7.0	10	08/06/08 00:00	MPR 6355	08/16/08 01:54	MMS 4301	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.0	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6355	08/16/08 02:21	MMS 4301	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.4	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	22	NTU	0.1	0.040	2			07/31/08 11:34	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.4	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 35 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035027	Date Collected:	7/30/2008 07:25	Matrix:	Water					
Sample ID:	SJUS-007	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Hardness (as CaCO3)	440	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035028	Date Collected:	7/30/2008 08:45	Matrix:	Water					
Sample ID:	SJUS-008	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	27	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	J4	mg/L	5	0.60	1	07/31/08 16:14	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 11:15	MHG 2417	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0056	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 12:57	MHG 2415	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	5.3	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 05:18	MMS 4309	
Copper	1.6	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 05:18	MMS 4309	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		TLC	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	790	ug/L	10	0.40	4	08/06/08 00:00	MPR 6355	08/16/08 01:48	MMS 4301	
Boron	1200	ug/L	10	7.0	10	08/06/08 00:00	MPR 6355	08/16/08 03:07	MMS 4301	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		TLC	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	1.9	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6355	08/15/08 09:55	MMS 4301	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		LHK	
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		LHK	
Turbidity	16	NTU	0.1	0.040	2			07/31/08 11:38	WET 4480	

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 36 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035028	Date Collected:	7/30/2008 08:45	Matrix:	Water					
Sample ID:	SJUS-008	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	6.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	370	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071035029	Date Collected:	7/30/2008 09:15	Matrix:	Water					
Sample ID:	NWDS-008EB	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	ND	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 16:14	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: TLC				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	ND	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 11:20	MHG 2417	1
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: TLC				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	ND	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 13:02	MHG 2415	1
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	ND	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 05:25	MMS 4309	
Copper	ND	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6368	08/16/08 05:25	MMS 4309	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: TLC				
	Analytical Method:		EPA 200.8					Analyzed by: LM		
Aluminum	17	ug/L	10	0.10	1	08/06/08 00:00	MPR 6355	08/16/08 01:41	MMS 4301	
Boron	J2	ug/L	10	0.70	1	08/06/08 00:00	MPR 6355	08/16/08 01:41	MMS 4301	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: TLC				

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 37 of 76

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035029	Date Collected:	7/30/2008 09:15	Matrix:	Water					
Sample ID:	NWDS-008EB	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
			Analytical Method:		EPA 200.8			Analyzed by:		LM
Selenium (reaction cell)	ND	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6355	08/15/08 10:01	MMS 4301	
Nitrogen,Total Kjeldahl Analysis			Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		LHK
Total Kjeldahl Nitrogen	ND	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis			Analytical Method:		EPA 180.1			Analyzed by:		LHK
Turbidity	0.23	NTU	0.05	0.020	1			07/31/08 11:39	WET 4480	
Nitrogen, Ammonia (as N)			Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis			Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL
Total Organic Carbon	J0.32	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric			Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP
Hardness (as CaCO3)	ND	mg/L	5	3.0	1			08/13/08 00:00	WTI 1601	

Lab ID:	I071035030	Date Collected:	7/30/2008 09:25	Matrix:	Water					
Sample ID:	NWDS-008	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	350	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 16:30	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0014	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 12:01	MHG 2417	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	TLC			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.10	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 13:07	MHG 2415	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	1.7	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369	08/16/08 06:31	MMS 4310	

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035030	Date Collected:	7/30/2008 09:25	Matrix:	Water					
Sample ID:	NWDS-008	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Copper	0.9	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369	08/16/08 06:31	MMS 4310	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	6900	ug/L	50	5.0	50	08/06/08 00:00	MPR 6355	08/16/08 02:01	MMS 4301	
Boron	190	ug/L	10	0.70	1	08/06/08 00:00	MPR 6355	08/15/08 10:08	MMS 4301	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	TLC		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.54	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6355	08/16/08 02:27	MMS 4301	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.4	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	73	NTU	0.2	0.10	5			07/31/08 11:40	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.13	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	4.3	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4528	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	210	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071035031	Date Collected:	7/29/2008 12:20	Matrix:	Water					
Sample ID:	NWDS-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	48	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/30/08 16:57	BOD 3821	08/04/08 00:00	BOD 3822	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0040	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 12:06	MHG 2417	

8/20/2008 16:40

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071035

Project ID DMC 18600161.10005

Lab ID:	I071035031	Date Collected:	7/29/2008 12:20			Matrix:	Water			
Sample ID:	NWDS-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	TLC			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.014	ug/L	0.0005	0.00030	1	08/12/08 00:00	MPR 6391	08/13/08 13:12	MHG 2415	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	3.1	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369	08/16/08 06:44	MMS 4310	
Copper	1.9	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369	08/16/08 06:44	MMS 4310	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	810	ug/L	10	0.50	5	08/06/08 00:00	MPR 6355	08/16/08 02:07	MMS 4301	
Boron	860	ug/L	10	3.5	5	08/06/08 00:00	MPR 6355	08/16/08 02:07	MMS 4301	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.68	ug/L	0.20	0.060	1	08/06/08 00:00	MPR 6355	08/16/08 02:34	MMS 4301	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.2	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4518	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	18	NTU	0.1	0.040	2			07/31/08 11:45	WET 4480	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4493	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.2	mg/L	0.5	0.10	1			08/07/08 00:00	WET 4519	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	480	mg/L	20	15	5			08/13/08 00:00	WTI 1600	

Lab ID:	I071035032	Date Collected:	7/29/2008 13:00	Matrix:	Water					
Sample ID:	SJUS-002	Date Received:	7/30/2008 12:49							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	38	mg/L	3	2.0	1			07/30/08 14:45	BIO 5814	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

8/20/2008 16:40

REPORT OF LABORATORY ANALYSIS

Page 40 of 76

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QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5813
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226537

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 226538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	98	80-120	

SAMPLE DUPLICATE: 226896

Parameter	Units	I070999001 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	92	74	22	20	2

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5814
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226557

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 226558

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	99	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5814
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

SAMPLE DUPLICATE: 227345

Parameter	Units	I071033001 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	31	37	18	20	

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5816
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226843

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Suspended Solids	ND	3	mg/L	

LABORATORY CONTROL SAMPLE: 226844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	500	99	80-120	

SAMPLE DUPLICATE: 227347

Parameter	Units	I071035025 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	242	240	0.8	20	

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5817
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226845

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Suspended Solids	ND	3	mg/L	

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5817
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

LABORATORY CONTROL SAMPLE: 226846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	500	100	80-120	

SAMPLE DUPLICATE: 227348

Parameter	Units	I071072008 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	41	44	7.1	20	

Analysis Description:	Total Coliform & E. Coli Analysis	QC Batch:	BML/3559
Analysis Method:	SM20-9223	QC Batch Method:	SM20-9223

METHOD BLANK: 227250

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
E. Coli	ND	1.0	MPN/100	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3821
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228330

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	89	80-120	

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3821
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

SAMPLE DUPLICATE: 228331

Parameter	Units	I070001029 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	899.25	950	5.5	20	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3823
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228498

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	89	80-120	

SAMPLE DUPLICATE: 228499

Parameter	Units	I070001030 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	888	870	1.7	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6341
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227468

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	0.3	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 227469

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	20	99	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6341
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227470 227471

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Arsenic	ug/L	2.7	20	22	22	97	95	85-115	2.1	20	
Copper	ug/L	1.4	20	21	21	98	96	85-115	2.6	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6342
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227472

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 227473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	99	85-115	
Copper	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227474 227475

Parameter	Units	I071035002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Arsenic	ug/L	5.4	20	25	26	97	100	85-115	2.9	20	
Copper	ug/L	2.2	20	21	22	95	97	85-115	1.5	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6343
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227476

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Copper	ND	0.5	ug/L	

METHOD BLANK: 227476

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6343
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 227477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	95	85-115	
Copper	ug/L	20	19	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227478 227479

Parameter	Units	I071035003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	3.1	20	22	22	94	93	85-115	1	20	
Copper	ug/L	1.7	20	20	20	91	91	85-115	0.1	20	

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6348
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 227615

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	10.4	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 227615

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	ND	10	ug/L	

LABORATORY CONTROL SAMPLE: 227616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	109	85-115	
Boron	ug/L	20	21	103	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6348**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**LABORATORY CONTROL SAMPLE:** 227616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Selenium (reaction cell)	ug/L	20	20	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227617 227618

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	100	20	120	120	102	100	85-115	0.3	20	
Selenium (reaction cell)	ug/L	0.17	20	20	20	100	99	85-115	0.4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227617 227618

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	510	40	1300	1200	1958	1770	85-115	6	20 3	

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6350**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 227633

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	10.2	10	ug/L	
Boron	ND	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

LABORATORY CONTROL SAMPLE: 227634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	42	105	85-115	
Boron	ug/L	20	20	98	85-115	
Selenium (reaction cell)	ug/L	20	20	99	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6350
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227635 227636

Parameter	Units	I071035016 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Boron	ug/L	89	20	120	130	171	226	85-115	8.5	20 3
Selenium (reaction cell)	ug/L	0.15	20	19	20	97	100	85-115	3.2	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227635 227636

Parameter	Units	I071035016 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Aluminum	ug/L	550	40	1300	1400	1938	2160	85-115	6.5	20 3

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6354
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 227793

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	10.6	10 ug/L	
Boron	ND	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 227794

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	44	110	85-115	
Boron	ug/L	20	19	94	85-115	
Selenium (reaction cell)	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227795 227796

Parameter	Units	I070994006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Selenium (reaction cell)	ug/L	2.2	20	23	22	103	98	85-115	4.6	20

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6354
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227795 227796

Parameter	Units	I070994006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Aluminum	ug/L	1100	40	2200	2200	2840	2773	85-115	1.2	20	3
Boron	ug/L	1400	20	1400	1400	-365	-190	85-115	2.5	20	3

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6355
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 227800

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J2	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 227800

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	J1	10	ug/L	

LABORATORY CONTROL SAMPLE: 227801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	44	110	85-115	
Boron	ug/L	20	22	110	85-115	
Selenium (reaction cell)	ug/L	20	21	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227802 227803

Parameter	Units	I071035026 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Aluminum	ug/L	6	40	45	43	96	93	85-115	2.9	20	
Boron	ug/L	2	20	20	21	91	94	85-115	2.3	20	
Selenium (reaction cell)	ug/L	0	20	20	20	102	102	85-115	0.1	20	

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QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6359
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227891

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	

METHOD BLANK: 227891

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 227892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	99	85-115	
Copper	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227893 227894

Parameter	Units	I070994003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.8	20	22	22	98	97	85-115	0.7	20	
Copper	ug/L	1.8	20	21	21	97	96	85-115	0.8	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6360
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 227895

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 227896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	98	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6360
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

LABORATORY CONTROL SAMPLE: 227896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	20	20	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227897 227898

Parameter	Units	I071035010 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	5.5	20	24	24	94	94	85-115	0.5	20	
Copper	ug/L	1.6	20	20	20	94	93	85-115	1.2	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6368
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 228275

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 228276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	20	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228277 228278

Parameter	Units	I071035021 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.4	20	21	21	95	94	85-115	0.8	20	
Copper	ug/L	1.4	20	20	20	95	95	85-115	0.3	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6369
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 228283

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 228284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	96	85-115	
Copper	ug/L	20	20	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228285 228286

Parameter	Units	I071036002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	0.6	20	20	19	94	92	85-115	2.1	20	
Copper	ug/L	0.6	20	19	19	93	92	85-115	1.6	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6379
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 228546

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 228547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6379**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 228548 228549

Parameter	Units	I071035010 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0069	0.02	0.028	.028	104	107	71-125	2.7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228550 228551

Parameter	Units	I071035012 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0058	0.02	0.027	.028	107	110	71-125	2.5	20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6382**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 228799

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 228800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	114	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228801 228802

Parameter	Units	I071035015 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0061	0.02	0.03	.03	118	117	71-125	0.9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228803 228804

Parameter	Units	I071035020 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0031	0.02	0.027	.027	118	119	71-125	0.5	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6383
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

METHOD BLANK: 228805

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 228806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.024	120	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228807 228808

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0012	0.02	0.026	.025	125	121	71-125	3.2	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6391
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228917 228918

Parameter	Units	I071035014 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.002	0.02	0.023	.024	107	111	71-125	3.1	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6391
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 228915

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6391**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**LABORATORY CONTROL SAMPLE:** 228916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228919 228920

Parameter	Units	I071035027 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0058	0.02	0.028	.021	110	76	71-125	27	20	4

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6392**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)**Analysis Description:** Mercury Analysis, Trace Level**QC Batch:** MPR/6392**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 229021

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229023 229024

Parameter	Units	I071035027 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0016	0.02	0.023	.024	108	111	71-125	3.4	20	

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6393
Analysis Method:	EPA 1631E (filtered)	QC Batch Method:	EPA 1631E (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229035 229036

Parameter	Units	I071072008 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0051	0.02	0.027	.026	109	107	71-125	1.8	20

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6393
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

METHOD BLANK: 229031

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229033 229034

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0031	0.02	0.022	.024	97	107	71-125	8.4	20

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4479
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 226882

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4479**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**LABORATORY CONTROL SAMPLE:** 226883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	

SAMPLE DUPLICATE: 226884

Parameter	Units	I071035001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	11.6	12	1.7		

Analysis Description: Turbidity Analysis**QC Batch:** WET/4480**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**METHOD BLANK:** 226885

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 226886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	

SAMPLE DUPLICATE: 226887

Parameter	Units	I071035032 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	18.99	19	0.4		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4493
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

METHOD BLANK: 227464

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 227465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227466 227467

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.8	4.9	96	97	90-110	0.9	20	

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4498
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

METHOD BLANK: 227579

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 227580

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227581 227582

Parameter	Units	I071055002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	3.4	5	8.5	8.5	103	103	90-110	0.1	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4506
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 228165

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	30.18	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 228166

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.5	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228167 228168

Parameter	Units	I071014006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	4.1	10	13	13	94	93	80-120	1.3	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4508
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 228207

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 228208

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228209 228210

Parameter	Units	I080046003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0	5	5	4.9	101	97	90-110	3.8	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Total Kjeldahl Analysis**QC Batch:** WET/4517**Analysis Method:** EPA 351.3 / SM4500C**QC Batch Method:** EPA 351.3 / SM4500C**METHOD BLANK:** 228759

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228761 228762

Parameter	Units	I071008001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.89	5	6	5.8	103	99	90-110	3.5	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis**QC Batch:** WET/4518**Analysis Method:** EPA 351.3 / SM4500C**QC Batch Method:** EPA 351.3 / SM4500C**METHOD BLANK:** 228764

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.2	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228766 228767

Parameter	Units	I071036001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.14	5	5.2	5.1	102	98	90-110	3.4	20	

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4519
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 228814

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	0.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 228815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.5	95	80-120	

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4528
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 229211

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	0.24	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 229212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229213 229214

Parameter	Units	I071035032 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	6.3	10	16	15	93	91	80-120	1.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229215 229216

Parameter	Units	I071035020 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3.1	10	12	12	91	94	80-120	2.3	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1598
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 228946

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 228947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1100	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228948 228949

Parameter	Units	I071014008 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	150	200	360	360	105	105	80-120	0	20	

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1600
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 229188

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 229189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1100	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229190 229191

Parameter	Units	I071035010 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	420	500	890	900	94	96	80-120	1.1	20	

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071035

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1601
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 229192

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 229193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229194 229195

Parameter	Units	I071035028 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	370	500	870	890	100	104	80-120	2.3	20	

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I071035

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 2 The RPD was high due to low concentration of analyte.
- 3 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.
- 4 MS/MSD RPD above control limits. LCS and MS/MSD recoveries are in control.



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035001	NWUS-002	EPA 160.2 / SM2540D	BIO/5813		
I071035002	SJRDS-002	EPA 160.2 / SM2540D	BIO/5814		
I071035003	SCI-001	EPA 160.2 / SM2540D	BIO/5814		
I071035004	SJRDS-003	EPA 160.2 / SM2540D	BIO/5814		
I071035005	NWUS-003	EPA 160.2 / SM2540D	BIO/5814		
I071035006	NWUS-004	EPA 160.2 / SM2540D	BIO/5814		
I071035007	SJRUS-003	EPA 160.2 / SM2540D	BIO/5814		
I071035008	NWDS-003	EPA 160.2 / SM2540D	BIO/5814		
I071035009	NWDS-004	EPA 160.2 / SM2540D	BIO/5814		
I071035010	SJRUS-004	EPA 160.2 / SM2540D	BIO/5814		
I071035021	SJRDS-004	EPA 160.2 / SM2540D	BIO/5814		
I071035031	NWDS-002	EPA 160.2 / SM2540D	BIO/5814		
I071035032	SJUS-002	EPA 160.2 / SM2540D	BIO/5814		
I071035011	NWDS-005	EPA 160.2 / SM2540D	BIO/5816		
I071035012	SJRUS-005	EPA 160.2 / SM2540D	BIO/5816		
I071035013	NWDS-006	EPA 160.2 / SM2540D	BIO/5816		
I071035014	NWDS-006 DUP	EPA 160.2 / SM2540D	BIO/5816		
I071035015	SJRUS-006	EPA 160.2 / SM2540D	BIO/5816		
I071035016	DMC-002	EPA 160.2 / SM2540D	BIO/5816		
I071035017	NWUS-006-DUP	EPA 160.2 / SM2540D	BIO/5816		
I071035018	NWUS-006	EPA 160.2 / SM2540D	BIO/5816		
I071035019	SJRDS-006	EPA 160.2 / SM2540D	BIO/5816		
I071035020	NWUS-007	EPA 160.2 / SM2540D	BIO/5816		
I071035022	NWUS-005	EPA 160.2 / SM2540D	BIO/5816		
I071035023	SJRDS-005	EPA 160.2 / SM2540D	BIO/5816		
I071035024	SJRDS-005-DUP	EPA 160.2 / SM2540D	BIO/5816		
I071035025	NWDS-007	EPA 160.2 / SM2540D	BIO/5816		
I071035026	SJUS-007FB	EPA 160.2 / SM2540D	BIO/5816		
I071035027	SJUS-007	EPA 160.2 / SM2540D	BIO/5817		
I071035028	SJUS-008	EPA 160.2 / SM2540D	BIO/5817		
I071035029	NWDS-008EB	EPA 160.2 / SM2540D	BIO/5817		
I071035030	NWDS-008	EPA 160.2 / SM2540D	BIO/5817		
I071035016	DMC-002	SM20-9223	BML/3559	SM20-9223	BML/3560



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035018	NWUS-006	SM20-9223	BML/3559	SM20-9223	BML/3560
I071035025	NWDS-007	SM20-9223	BML/3559	SM20-9223	BML/3560
I071035026	SJUS-007FB	SM20-9223	BML/3559	SM20-9223	BML/3560
I071035027	SJUS-007	SM20-9223	BML/3559	SM20-9223	BML/3560
I071035001	NWUS-002	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035002	SJRDS-002	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035003	SCI-001	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035004	SJRDS-003	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035005	NWUS-003	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035006	NWUS-004	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035007	SJRUS-003	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035008	NWDS-003	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035009	NWDS-004	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035010	SJRUS-004	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035021	SJRDS-004	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035031	NWDS-002	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035032	SJUS-002	EPA 405.1 / SM5210B	BOD/3821	EPA 405.1 / SM5210B	BOD/3822
I071035011	NWDS-005	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035012	SJRUS-005	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035013	NWDS-006	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035014	NWDS-006 DUP	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035015	SJRUS-006	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035016	DMC-002	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035017	NWUS-006-DUP	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035018	NWUS-006	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035019	SJRDS-006	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035020	NWUS-007	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035022	NWUS-005	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035023	SJRDS-005	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035024	SJRDS-005-DUP	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035025	NWDS-007	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035026	SJUS-007FB	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035027	SJUS-007	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035028	SJUS-008	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035029	NWDS-008EB	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035030	NWDS-008	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071035002	SJRDS-002	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035003	SCI-001	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035004	SJRDS-003	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035005	NWUS-003	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035006	NWUS-004	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035007	SJRUS-003	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035008	NWDS-003	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035010	SJRUS-004	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035012	SJRUS-005	EPA 1631E	MPR/6379	EPA 1631E	MHG/2408
I071035009	NWDS-004	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035011	NWDS-005	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035013	NWDS-006	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035014	NWDS-006 DUP	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035015	SJRUS-006	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035016	DMC-002	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035017	NWUS-006-DUP	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035018	NWUS-006	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035019	SJRDS-006	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035020	NWUS-007	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035021	SJRDS-004	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035022	NWUS-005	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035023	SJRDS-005	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035024	SJRDS-005-DUP	EPA 1631E	MPR/6382	EPA 1631E	MHG/2410
I071035001	NWUS-002	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035002	SJRDS-002	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035003	SCI-001	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035004	SJRDS-003	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035005	NWUS-003	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035006	NWUS-004	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035007	SJRUS-003	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035008	NWDS-003	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035009	NWDS-004	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035010	SJRUS-004	EPA 1631E (filtered)	MPR/6383	EPA 1631E (filtered)	MHG/2411
I071035011	NWDS-005	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035012	SJRUS-005	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035013	NWDS-006	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035014	NWDS-006 DUP	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035015	SJRUS-006	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035016	DMC-002	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035017	NWUS-006-DUP	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035018	NWUS-006	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035019	SJRDS-006	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035020	NWUS-007	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035021	SJRDS-004	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035022	NWUS-005	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035023	SJRDS-005	EPA 1631E (filtered)	MPR/6391	EPA 1631E (filtered)	MHG/2415
I071035027	SJUS-007	EPA 1631E	MPR/6391	EPA 1631E	MHG/2415
I071035028	SJUS-008	EPA 1631E	MPR/6391	EPA 1631E	MHG/2415
I071035029	NWDS-008EB	EPA 1631E	MPR/6391	EPA 1631E	MHG/2415
I071035030	NWDS-008	EPA 1631E	MPR/6391	EPA 1631E	MHG/2415
I071035031	NWDS-002	EPA 1631E	MPR/6391	EPA 1631E	MHG/2415
I071035032	SJUS-002	EPA 1631E	MPR/6391	EPA 1631E	MHG/2415
I071035024	SJRDS-005-DUP	EPA 1631E (filtered)	MPR/6392	EPA 1631E (filtered)	MHG/2416
I071035025	NWDS-007	EPA 1631E	MPR/6392	EPA 1631E	MHG/2416
I071035025	NWDS-007	EPA 1631E (filtered)	MPR/6392	EPA 1631E (filtered)	MHG/2416
I071035026	SJUS-007FB	EPA 1631E	MPR/6392	EPA 1631E	MHG/2416
I071035026	SJUS-007FB	EPA 1631E (filtered)	MPR/6392	EPA 1631E (filtered)	MHG/2416
I071035027	SJUS-007	EPA 1631E (filtered)	MPR/6392	EPA 1631E (filtered)	MHG/2416
I071035001	NWUS-002	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071035028	SJUS-008	EPA 1631E (filtered)	MPR/6393	EPA 1631E (filtered)	MHG/2417
I071035029	NWDS-008EB	EPA 1631E (filtered)	MPR/6393	EPA 1631E (filtered)	MHG/2417
I071035030	NWDS-008	EPA 1631E (filtered)	MPR/6393	EPA 1631E (filtered)	MHG/2417
I071035031	NWDS-002	EPA 1631E (filtered)	MPR/6393	EPA 1631E (filtered)	MHG/2417
I071035032	SJUS-002	EPA 1631E (filtered)	MPR/6393	EPA 1631E (filtered)	MHG/2417



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035001	NWUS-002	EPA 200.8 (filtered)	MPR/6341	EPA 200.8 (filtered)	MMS/4290
I071035002	SJRDS-002	EPA 200.8 (filtered)	MPR/6342	EPA 200.8 (filtered)	MMS/4291
I071035003	SCI-001	EPA 200.8 (filtered)	MPR/6343	EPA 200.8 (filtered)	MMS/4292
I071035001	NWUS-002	EPA 200.8	MPR/6348	EPA 200.8	MMS/4297
I071035002	SJRDS-002	EPA 200.8	MPR/6348	EPA 200.8	MMS/4297
I071035003	SCI-001	EPA 200.8	MPR/6348	EPA 200.8	MMS/4297
I071035004	SJRDS-003	EPA 200.8	MPR/6348	EPA 200.8	MMS/4297
I071035005	NWUS-003	EPA 200.8	MPR/6348	EPA 200.8	MMS/4297
I071035006	NWUS-004	EPA 200.8	MPR/6348	EPA 200.8	MMS/4297
I071035008	NWDS-003	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035009	NWDS-004	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035010	SJRUS-004	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035011	NWDS-005	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035012	SJRUS-005	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035013	NWDS-006	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035014	NWDS-006 DUP	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035015	SJRUS-006	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035016	DMC-002	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035017	NWUS-006-DUP	EPA 200.8	MPR/6350	EPA 200.8	MMS/4299
I071035007	SJRUS-003	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035018	NWUS-006	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035019	SJRDS-006	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035020	NWUS-007	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035021	SJRDS-004	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035022	NWUS-005	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035023	SJRDS-005	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035024	SJRDS-005-DUP	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035025	NWDS-007	EPA 200.8	MPR/6354	EPA 200.8	MMS/4300
I071035026	SJUS-007FB	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301
I071035027	SJUS-007	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301
I071035028	SJUS-008	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301
I071035029	NWDS-008EB	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301
I071035030	NWDS-008	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301
I071035031	NWDS-002	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035032	SJUS-002	EPA 200.8	MPR/6355	EPA 200.8	MMS/4301
I071035004	SJRDS-003	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I071035005	NWUS-003	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I071035006	NWUS-004	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I071035007	SJRUS-003	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I071035008	NWDS-003	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I071035009	NWDS-004	EPA 200.8 (filtered)	MPR/6359	EPA 200.8 (filtered)	MMS/4304
I071035010	SJRUS-004	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035011	NWDS-005	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035012	SJRUS-005	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035013	NWDS-006	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035014	NWDS-006 DUP	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035015	SJRUS-006	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035016	DMC-002	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035017	NWUS-006-DUP	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035018	NWUS-006	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035019	SJRDS-006	EPA 200.8 (filtered)	MPR/6360	EPA 200.8 (filtered)	MMS/4305
I071035020	NWUS-007	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035021	SJRDS-004	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035022	NWUS-005	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035023	SJRDS-005	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035024	SJRDS-005-DUP	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035025	NWDS-007	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035026	SJUS-007FB	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035027	SJUS-007	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035028	SJUS-008	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035029	NWDS-008EB	EPA 200.8 (filtered)	MPR/6368	EPA 200.8 (filtered)	MMS/4309
I071035030	NWDS-008	EPA 200.8 (filtered)	MPR/6369	EPA 200.8 (filtered)	MMS/4310
I071035031	NWDS-002	EPA 200.8 (filtered)	MPR/6369	EPA 200.8 (filtered)	MMS/4310
I071035032	SJUS-002	EPA 200.8 (filtered)	MPR/6369	EPA 200.8 (filtered)	MMS/4310
I071035001	NWUS-002	EPA 180.1	WET/4479		
I071035002	SJRDS-002	EPA 180.1	WET/4479		
I071035003	SCI-001	EPA 180.1	WET/4479		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035004	SJRDS-003	EPA 180.1	WET/4479		
I071035005	NWUS-003	EPA 180.1	WET/4479		
I071035006	NWUS-004	EPA 180.1	WET/4479		
I071035007	SJRUS-003	EPA 180.1	WET/4479		
I071035008	NWDS-003	EPA 180.1	WET/4479		
I071035009	NWDS-004	EPA 180.1	WET/4479		
I071035010	SJRUS-004	EPA 180.1	WET/4479		
I071035011	NWDS-005	EPA 180.1	WET/4479		
I071035012	SJRUS-005	EPA 180.1	WET/4479		
I071035013	NWDS-006	EPA 180.1	WET/4479		
I071035014	NWDS-006 DUP	EPA 180.1	WET/4479		
I071035015	SJRUS-006	EPA 180.1	WET/4479		
I071035016	DMC-002	EPA 180.1	WET/4479		
I071035017	NWUS-006-DUP	EPA 180.1	WET/4479		
I071035018	NWUS-006	EPA 180.1	WET/4479		
I071035019	SJRDS-006	EPA 180.1	WET/4479		
I071035020	NWUS-007	EPA 180.1	WET/4479		
I071035021	SJRDS-004	EPA 180.1	WET/4480		
I071035022	NWUS-005	EPA 180.1	WET/4480		
I071035023	SJRDS-005	EPA 180.1	WET/4480		
I071035024	SJRDS-005-DUP	EPA 180.1	WET/4480		
I071035025	NWDS-007	EPA 180.1	WET/4480		
I071035026	SJUS-007FB	EPA 180.1	WET/4480		
I071035027	SJUS-007	EPA 180.1	WET/4480		
I071035028	SJUS-008	EPA 180.1	WET/4480		
I071035029	NWDS-008EB	EPA 180.1	WET/4480		
I071035030	NWDS-008	EPA 180.1	WET/4480		
I071035031	NWDS-002	EPA 180.1	WET/4480		
I071035032	SJUS-002	EPA 180.1	WET/4480		
I071035001	NWUS-002	EPA 350.2 / SM4500C	WET/4493		
I071035002	SJRDS-002	EPA 350.2 / SM4500C	WET/4493		
I071035003	SCI-001	EPA 350.2 / SM4500C	WET/4493		
I071035004	SJRDS-003	EPA 350.2 / SM4500C	WET/4493		
I071035005	NWUS-003	EPA 350.2 / SM4500C	WET/4493		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035006	NWUS-004	EPA 350.2 / SM4500C	WET/4493		
I071035007	SJRUS-003	EPA 350.2 / SM4500C	WET/4493		
I071035008	NWDS-003	EPA 350.2 / SM4500C	WET/4493		
I071035009	NWDS-004	EPA 350.2 / SM4500C	WET/4493		
I071035010	SJRUS-004	EPA 350.2 / SM4500C	WET/4493		
I071035011	NWDS-005	EPA 350.2 / SM4500C	WET/4493		
I071035012	SJRUS-005	EPA 350.2 / SM4500C	WET/4493		
I071035013	NWDS-006	EPA 350.2 / SM4500C	WET/4493		
I071035014	NWDS-006 DUP	EPA 350.2 / SM4500C	WET/4493		
I071035015	SJRUS-006	EPA 350.2 / SM4500C	WET/4493		
I071035016	DMC-002	EPA 350.2 / SM4500C	WET/4493		
I071035017	NWUS-006-DUP	EPA 350.2 / SM4500C	WET/4493		
I071035021	SJRDS-004	EPA 350.2 / SM4500C	WET/4493		
I071035031	NWDS-002	EPA 350.2 / SM4500C	WET/4493		
I071035032	SJUS-002	EPA 350.2 / SM4500C	WET/4493		
I071035018	NWUS-006	EPA 350.2 / SM4500C	WET/4498		
I071035019	SJRDS-006	EPA 350.2 / SM4500C	WET/4498		
I071035020	NWUS-007	EPA 350.2 / SM4500C	WET/4498		
I071035022	NWUS-005	EPA 350.2 / SM4500C	WET/4498		
I071035023	SJRDS-005	EPA 350.2 / SM4500C	WET/4498		
I071035024	SJRDS-005-DUP	EPA 350.2 / SM4500C	WET/4498		
I071035025	NWDS-007	EPA 350.2 / SM4500C	WET/4498		
I071035026	SJUS-007FB	EPA 350.2 / SM4500C	WET/4498		
I071035027	SJUS-007	EPA 350.2 / SM4500C	WET/4498		
I071035028	SJUS-008	EPA 350.2 / SM4500C	WET/4498		
I071035029	NWDS-008EB	EPA 350.2 / SM4500C	WET/4498		
I071035030	NWDS-008	EPA 350.2 / SM4500C	WET/4498		
I071035001	NWUS-002	EPA 415.1 / SM5310B	WET/4506		
I071035002	SJRDS-002	EPA 415.1 / SM5310B	WET/4506		
I071035003	SCI-001	EPA 415.1 / SM5310B	WET/4506		
I071035001	NWUS-002	EPA 351.3 / SM4500C	WET/4508		
I071035002	SJRDS-002	EPA 351.3 / SM4500C	WET/4508		
I071035003	SCI-001	EPA 351.3 / SM4500C	WET/4508		
I071035004	SJRDS-003	EPA 351.3 / SM4500C	WET/4508		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035005	NWUS-003	EPA 351.3 / SM4500C	WET/4508		
I071035006	NWUS-004	EPA 351.3 / SM4500C	WET/4508		
I071035007	SJRUS-003	EPA 351.3 / SM4500C	WET/4508		
I071035008	NWDS-003	EPA 351.3 / SM4500C	WET/4508		
I071035009	NWDS-004	EPA 351.3 / SM4500C	WET/4508		
I071035010	SJRUS-004	EPA 351.3 / SM4500C	WET/4517		
I071035011	NWDS-005	EPA 351.3 / SM4500C	WET/4517		
I071035012	SJRUS-005	EPA 351.3 / SM4500C	WET/4517		
I071035013	NWDS-006	EPA 351.3 / SM4500C	WET/4517		
I071035014	NWDS-006 DUP	EPA 351.3 / SM4500C	WET/4517		
I071035015	SJRUS-006	EPA 351.3 / SM4500C	WET/4517		
I071035016	DMC-002	EPA 351.3 / SM4500C	WET/4517		
I071035017	NWUS-006-DUP	EPA 351.3 / SM4500C	WET/4517		
I071035018	NWUS-006	EPA 351.3 / SM4500C	WET/4517		
I071035019	SJRDS-006	EPA 351.3 / SM4500C	WET/4517		
I071035020	NWUS-007	EPA 351.3 / SM4500C	WET/4517		
I071035021	SJRDS-004	EPA 351.3 / SM4500C	WET/4517		
I071035022	NWUS-005	EPA 351.3 / SM4500C	WET/4518		
I071035023	SJRDS-005	EPA 351.3 / SM4500C	WET/4518		
I071035024	SJRDS-005-DUP	EPA 351.3 / SM4500C	WET/4518		
I071035025	NWDS-007	EPA 351.3 / SM4500C	WET/4518		
I071035026	SJUS-007FB	EPA 351.3 / SM4500C	WET/4518		
I071035027	SJUS-007	EPA 351.3 / SM4500C	WET/4518		
I071035028	SJUS-008	EPA 351.3 / SM4500C	WET/4518		
I071035029	NWDS-008EB	EPA 351.3 / SM4500C	WET/4518		
I071035030	NWDS-008	EPA 351.3 / SM4500C	WET/4518		
I071035031	NWDS-002	EPA 351.3 / SM4500C	WET/4518		
I071035032	SJUS-002	EPA 351.3 / SM4500C	WET/4518		
I071035004	SJRDS-003	EPA 415.1 / SM5310B	WET/4519		
I071035005	NWUS-003	EPA 415.1 / SM5310B	WET/4519		
I071035006	NWUS-004	EPA 415.1 / SM5310B	WET/4519		
I071035007	SJRUS-003	EPA 415.1 / SM5310B	WET/4519		
I071035008	NWDS-003	EPA 415.1 / SM5310B	WET/4519		
I071035009	NWDS-004	EPA 415.1 / SM5310B	WET/4519		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035010	SJRUS-004	EPA 415.1 / SM5310B	WET/4519		
I071035021	SJRDS-004	EPA 415.1 / SM5310B	WET/4519		
I071035031	NWDS-002	EPA 415.1 / SM5310B	WET/4519		
I071035011	NWDS-005	EPA 415.1 / SM5310B	WET/4528		
I071035012	SJRUS-005	EPA 415.1 / SM5310B	WET/4528		
I071035013	NWDS-006	EPA 415.1 / SM5310B	WET/4528		
I071035014	NWDS-006 DUP	EPA 415.1 / SM5310B	WET/4528		
I071035015	SJRUS-006	EPA 415.1 / SM5310B	WET/4528		
I071035016	DMC-002	EPA 415.1 / SM5310B	WET/4528		
I071035017	NWUS-006-DUP	EPA 415.1 / SM5310B	WET/4528		
I071035018	NWUS-006	EPA 415.1 / SM5310B	WET/4528		
I071035019	SJRDS-006	EPA 415.1 / SM5310B	WET/4528		
I071035020	NWUS-007	EPA 415.1 / SM5310B	WET/4528		
I071035022	NWUS-005	EPA 415.1 / SM5310B	WET/4528		
I071035023	SJRDS-005	EPA 415.1 / SM5310B	WET/4528		
I071035024	SJRDS-005-DUP	EPA 415.1 / SM5310B	WET/4528		
I071035025	NWDS-007	EPA 415.1 / SM5310B	WET/4528		
I071035026	SJUS-007FB	EPA 415.1 / SM5310B	WET/4528		
I071035027	SJUS-007	EPA 415.1 / SM5310B	WET/4528		
I071035028	SJUS-008	EPA 415.1 / SM5310B	WET/4528		
I071035029	NWDS-008EB	EPA 415.1 / SM5310B	WET/4528		
I071035030	NWDS-008	EPA 415.1 / SM5310B	WET/4528		
I071035032	SJUS-002	EPA 415.1 / SM5310B	WET/4528		
I071035001	NWUS-002	EPA 130.2 / SM2340B	WTI/1598		
I071035002	SJRDS-002	EPA 130.2 / SM2340B	WTI/1598		
I071035003	SCI-001	EPA 130.2 / SM2340B	WTI/1598		
I071035004	SJRDS-003	EPA 130.2 / SM2340B	WTI/1598		
I071035005	NWUS-003	EPA 130.2 / SM2340B	WTI/1598		
I071035006	NWUS-004	EPA 130.2 / SM2340B	WTI/1598		
I071035007	SJRUS-003	EPA 130.2 / SM2340B	WTI/1598		
I071035008	NWDS-003	EPA 130.2 / SM2340B	WTI/1598		
I071035009	NWDS-004	EPA 130.2 / SM2340B	WTI/1598		
I071035010	SJRUS-004	EPA 130.2 / SM2340B	WTI/1600		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071035

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071035011	NWDS-005	EPA 130.2 / SM2340B	WTI/1600		
I071035012	SJRUS-005	EPA 130.2 / SM2340B	WTI/1600		
I071035013	NWDS-006	EPA 130.2 / SM2340B	WTI/1600		
I071035014	NWDS-006 DUP	EPA 130.2 / SM2340B	WTI/1600		
I071035015	SJRUS-006	EPA 130.2 / SM2340B	WTI/1600		
I071035016	DMC-002	EPA 130.2 / SM2340B	WTI/1600		
I071035017	NWUS-006-DUP	EPA 130.2 / SM2340B	WTI/1600		
I071035018	NWUS-006	EPA 130.2 / SM2340B	WTI/1600		
I071035019	SJRDS-006	EPA 130.2 / SM2340B	WTI/1600		
I071035020	NWUS-007	EPA 130.2 / SM2340B	WTI/1600		
I071035021	SJRDS-004	EPA 130.2 / SM2340B	WTI/1600		
I071035022	NWUS-005	EPA 130.2 / SM2340B	WTI/1600		
I071035023	SJRDS-005	EPA 130.2 / SM2340B	WTI/1600		
I071035024	SJRDS-005-DUP	EPA 130.2 / SM2340B	WTI/1600		
I071035025	NWDS-007	EPA 130.2 / SM2340B	WTI/1600		
I071035026	SJUS-007FB	EPA 130.2 / SM2340B	WTI/1600		
I071035027	SJUS-007	EPA 130.2 / SM2340B	WTI/1600		
I071035031	NWDS-002	EPA 130.2 / SM2340B	WTI/1600		
I071035032	SJUS-002	EPA 130.2 / SM2340B	WTI/1600		
I071035028	SJUS-008	EPA 130.2 / SM2340B	WTI/1601		
I071035029	NWDS-008EB	EPA 130.2 / SM2340B	WTI/1601		
I071035030	NWDS-008	EPA 130.2 / SM2340B	WTI/1601		



Monday, August 25, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I071072
Project ID: DMC 18600161.10005

Collected By: SOPHIA ESPANOLA
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, July 31, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn



ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I071072

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I071072001	SJRDS-007	Water	7/30/2008 11:00	7/31/2008 07:14
I071072002	SJRDS-007-DUP	Water	7/30/2008 11:15	7/31/2008 07:14
I071072003	SJRDS-007-FB	Water	7/30/2008 11:15	7/31/2008 07:14
I071072004	NWUS-008	Water	7/30/2008 13:15	7/31/2008 07:14
I071072005	STRDS-008	Water	7/30/2008 14:39	7/31/2008 07:14
I071072006	NWDS-009	Water	7/30/2008 12:55	7/31/2008 07:14
I071072007	SJUS-009	Water	7/30/2008 13:25	7/31/2008 07:14
I071072008	SJUS-009-DUP	Water	7/30/2008 13:25	7/31/2008 07:14

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I071072

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

Qualifiers and Compound Notes

- 1 Analyte(s) reported as 'ND' means not detected at or above the listed Method Detection Limits (MDL).



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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072001	Date Collected:	7/30/2008 11:00			Matrix:	Water			
Sample ID:	SJRDS-007	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	310	mg/L	6	4.0	2			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 11:55	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0014	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 12:51	MHG 2417	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	TLC			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.085	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 12:56	MHG 2417	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.5	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369	08/16/08 07:37	MMS 4310	
Copper	1.2	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369	08/16/08 07:37	MMS 4310	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	LM			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	6400	ug/L	50	5.0	50	08/07/08 00:00	MPR 6372	08/14/08 23:02	MMS 4307	
Boron	520	ug/L	10	3.5	5	08/07/08 00:00	MPR 6372	08/14/08 23:15	MMS 4307	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	LM			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	1.0	ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372	08/14/08 05:36	MMS 4307	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.9	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4523	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	120	NTU	0.5	0.20	10			07/31/08 15:18	WET 4489	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.65	mg/L	0.1	0.050	1			08/05/08 00:00	WET 4498	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	5.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	280	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

8/25/2008 16:21

REPORT OF LABORATORY ANALYSIS

Page 4 of 26

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID: I071072001	Date Collected:	7/30/2008 11:00	Matrix:	Water
Sample ID: SJRDS-007	Date Received:	7/31/2008 07:14		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071072002	Date Collected:	7/30/2008 11:15	Matrix:	Water
Sample ID: SJRDS-007-DUP	Date Received:	7/31/2008 07:14		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	410 mg/L	6	4.0	2				07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	5 mg/L	5	0.60	1	07/31/08 12:00	BOD 3823		08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: TLC			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0016 ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6394		08/14/08 14:33	MHG 2418	
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: TLC		
Mercury	0.12 ug/L	0.0010	0.00060	2	08/15/08 00:00	MPR 6412		08/16/08 12:41	MHG 2422	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.6 ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369		08/16/08 07:43	MMS 4310	
Copper	1.2 ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6369		08/16/08 07:43	MMS 4310	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: LM			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	7700 ug/L	50	5.0	50	08/07/08 00:00	MPR 6372		08/14/08 23:09	MMS 4307	
Boron	530 ug/L	10	3.5	5	08/07/08 00:00	MPR 6372		08/14/08 23:42	MMS 4307	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: LM			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	1.1 ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372		08/14/08 05:43	MMS 4307	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	1.8 mg/L	0.1	0.060	1				08/12/08 00:00	WET 4524	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	170 NTU	1	0.40	20				07/31/08 15:19	WET 4489	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072002	Date Collected:	7/30/2008 11:15	Matrix:	Water					
Sample ID:	SJRDS-007-DUP	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	0.24	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	5.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	280	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071072003	Date Collected:	7/30/2008 11:15	Matrix:	Water					
Sample ID:	SJRDS-007-FB	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	4.0	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 12:04	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	ND	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6394	08/14/08 14:38	MHG 2418	1
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	TLC		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	ND	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 13:07	MHG 2417	1
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	ND	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 11:02	MMS 4311	
Copper	ND	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 11:02	MMS 4311	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	LM		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	J3	ug/L	10	0.10	1	08/07/08 00:00	MPR 6372	08/14/08 04:43	MMS 4307	
Boron	J2	ug/L	10	0.70	1	08/07/08 00:00	MPR 6372	08/14/08 04:43	MMS 4307	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	LM		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

8/25/2008 16:21

REPORT OF LABORATORY ANALYSIS

Page 6 of 26

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072003	Date Collected:	7/30/2008 11:15	Matrix:	Water					
Sample ID:	SJRDS-007-FB	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	ND	ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372	08/14/08 04:43	MMS 4307	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	J0.066	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4524	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	0.14	NTU	0.05	0.020	1			07/31/08 15:20	WET 4489	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	J0.44	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	ND	mg/L	5	3.0	1			08/13/08 00:00	WTI 1601	

Lab ID:	I071072004	Date Collected:	7/30/2008 13:15	Matrix:	Water					
Sample ID:	NWUS-008	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	22	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	07/31/08 12:13	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: TLC				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.001	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6394	08/14/08 15:03	MHG 2418	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: TLC				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.0031	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 13:12	MHG 2417	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.5	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 11:08	MMS 4311	
Copper	1.4	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 11:08	MMS 4311	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072004	Date Collected:	7/30/2008 13:15	Matrix:	Water					
Sample ID:	NWUS-008	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	LM			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	560	ug/L	10	0.50	5	08/07/08 00:00	MPR 6372	08/14/08 23:48	MMS 4307	
Boron	130	ug/L	10	0.70	1	08/07/08 00:00	MPR 6372	08/15/08 00:41	MMS 4307	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	LM			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	10.16	ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372	08/14/08 05:49	MMS 4307	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.52	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4524	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	14	NTU	0.05	0.020	1			07/31/08 15:15	WET 4489	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	180	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071072005	Date Collected:	7/30/2008 14:39	Matrix:	Water					
Sample ID:	STRDS-008	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	320	mg/L	6	4.0	2			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	14.9	mg/L	5	0.60	1	07/31/08 12:22	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0017	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6394	08/14/08 15:08	MHG 2418	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072005	Date Collected:	7/30/2008 14:39	Matrix:	Water						
Sample ID:	STRDS-008	Date Received:	7/31/2008 07:14								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual	
		Analytical Method:		EPA 1631E				Analyzed by:		TLC	
Mercury	0.13	ug/L	0.0010	0.00060	2	08/15/08 00:00	MPR 6412	08/16/08 12:46	MHG 2422		
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK			
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:			LM
Arsenic	2.1	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 11:35	MMS 4311		
Copper	1.0	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 11:35	MMS 4311		
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		LM			
		Analytical Method:		EPA 200.8				Analyzed by:			LM
Aluminum	6600	ug/L	50	5.0	50	08/07/08 00:00	MPR 6372	08/14/08 23:55	MMS 4307		
Boron	460	ug/L	10	3.5	5	08/07/08 00:00	MPR 6372	08/15/08 00:34	MMS 4307		
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		LM			
		Analytical Method:		EPA 200.8				Analyzed by:			LM
Selenium (reaction cell)	1.0	ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372	08/14/08 05:56	MMS 4307		
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:			LHK
Total Kjeldahl Nitrogen	1.8	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4524		
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:			LHK
Turbidity	100	NTU	0.5	0.20	10			07/31/08 15:21	WET 4489		
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:			NP
Ammonia (as N)	0.18	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511		
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:			AL
Total Organic Carbon	4.9	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529		
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:			NP
Hardness (as CaCO3)	260	mg/L	20	15	5			08/13/08 00:00	WTI 1601		

Lab ID:	I071072006	Date Collected:	7/30/2008 12:55	Matrix:	Water					
Sample ID:	NWDS-009	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	530	mg/L	6	4.0	2			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

8/25/2008 16:21

REPORT OF LABORATORY ANALYSIS

Page 9 of 26

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072007	Date Collected:	7/30/2008 13:25	Matrix:	Water					
Sample ID:	SJUS-009	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	48	mg/L	3	2.0	1			07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	5	mg/L	5	0.60	1	07/31/08 12:31	BOD 3823	08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0014	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6394	08/14/08 15:18	MHG 2418	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	TLC			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0056	ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393	08/14/08 13:27	MHG 2417	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	5.2	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 10:42	MMS 4311	
Copper	1.7	ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370	08/16/08 10:42	MMS 4311	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	LM			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	580	ug/L	10	0.50	5	08/07/08 00:00	MPR 6372	08/15/08 00:21	MMS 4307	
Boron	1200	ug/L	10	7.0	10	08/07/08 00:00	MPR 6372	08/15/08 00:08	MMS 4307	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	LM			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.0	ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372	08/14/08 06:09	MMS 4307	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.6	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4524	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	20	NTU	0.05	0.020	1			07/31/08 15:24	WET 4489	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	10.077	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.9	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	390	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

8/25/2008 16:21

REPORT OF LABORATORY ANALYSIS

Page 11 of 26

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID: I071072007	Date Collected:	7/30/2008 13:25	Matrix:	Water
Sample ID: SJUS-009	Date Received:	7/31/2008 07:14		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071072008	Date Collected:	7/30/2008 13:25	Matrix:	Water
Sample ID: SJUS-009-DUP	Date Received:	7/31/2008 07:14		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	41 mg/L	3	2.0	1				07/31/08 13:55	BIO 5817	
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	5 mg/L	5	0.60	1	07/31/08 12:35	BOD 3823		08/05/08 00:00	BOD 3824	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: TLC			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0013 ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6394		08/14/08 15:23	MHG 2418	
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: TLC			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0051 ug/L	0.0005	0.00030	1	08/13/08 00:00	MPR 6393		08/14/08 12:16	MHG 2417	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	5.3 ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370		08/16/08 11:48	MMS 4311	
Copper	1.7 ug/L	0.5	0.070	1	08/07/08 00:00	MPR 6370		08/16/08 11:48	MMS 4311	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: LM			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	640 ug/L	10	0.50	5	08/07/08 00:00	MPR 6372		08/15/08 00:28	MMS 4307	
Boron	1300 ug/L	10	7.0	10	08/07/08 00:00	MPR 6372		08/15/08 00:15	MMS 4307	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: LM			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	2.0 ug/L	0.20	0.060	1	08/07/08 00:00	MPR 6372		08/14/08 06:16	MMS 4307	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	1.5 mg/L	0.1	0.060	1				08/12/08 00:00	WET 4524	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	20 NTU	0.05	0.020	1				07/31/08 15:25	WET 4489	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071072

Project ID DMC 18600161.10005

Lab ID:	I071072008	Date Collected:	7/30/2008 13:25	Matrix:	Water					
Sample ID:	SJUS-009-DUP	Date Received:	7/31/2008 07:14							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:			EPA 350.2 / SM4500C			Analyzed by: NP			
Ammonia (as N)	0.33	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:			EPA 415.1 / SM5310B			Analyzed by: AL			
Total Organic Carbon	ND	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:			EPA 130.2 / SM2340B			Analyzed by: NP			
Hardness (as CaCO3)	370	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5817
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226845

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 226846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	500	100	80-120	

SAMPLE DUPLICATE: 227348

Parameter	Units	I071072008 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	41	44	7.1	20	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3823
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228498

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	89	80-120	

SAMPLE DUPLICATE: 228499

Parameter	Units	I070001030 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	888	870	1.7	20	

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6372
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 228299

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	10.4	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 228299

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	ND	10	ug/L	

LABORATORY CONTROL SAMPLE: 228300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	45	111	85-115	
Boron	ug/L	20	20	99	85-115	
Selenium (reaction cell)	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228301 228302

Parameter	Units	I071072003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	3	40	46	47	110	111	85-115	0.7	20	
Boron	ug/L	2	20	20	20	92	91	85-115	1.1	20	
Selenium (reaction cell)	ug/L	0	20	20	20	99	98	85-115	1.3	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6369
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 228283

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6369
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

LABORATORY CONTROL SAMPLE: 228284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	96	85-115	
Copper	ug/L	20	20	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228285 228286

Parameter	Units	I071036002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	0.6	20	20	19	94	92	85-115	2.1	20	
Copper	ug/L	0.6	20	19	19	93	92	85-115	1.6	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6370
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 228290

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 228291

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	95	85-115	
Copper	ug/L	20	19	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228292 228293

Parameter	Units	I071072007 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	5.2	20	24	24	94	94	85-115	0.1	20	
Copper	ug/L	1.7	20	20	20	92	93	85-115	1.2	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6393
Analysis Method:	EPA 1631E (filtered)	QC Batch Method:	EPA 1631E (filtered)

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6393
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

METHOD BLANK: 229031

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229033 229034

Parameter	Units	I071035001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0031	0.02	0.022	.024	97	107	71-125	8.4	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229035 229036

Parameter	Units	I071072008 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0051	0.02	0.027	.026	109	107	71-125	1.8	20

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6394
Analysis Method:	EPA 1631E (filtered)	QC Batch Method:	EPA 1631E (filtered)

METHOD BLANK: 229170

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6394
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

LABORATORY CONTROL SAMPLE: 229171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229172 229173

Parameter	Units	I071067002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0036	0.02	0.025	.025	108	109	71-125	0.8	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6412
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 229918

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229919

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229922 229923

Parameter	Units	I071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0012	0.02	0.022	.024	106	113	71-125	5.5	20	

Analysis Description: Turbidity Analysis	QC Batch: WET/4489
Analysis Method: EPA 180.1	QC Batch Method: EPA 180.1

METHOD BLANK: 227413

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4489**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 227414

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.2	105	90-110	

SAMPLE DUPLICATE: 227415

Parameter	Units	I071072004 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	14.02	14	0.7		

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4498**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 227579

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 227580

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227581 227582

Parameter	Units	I071055002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Ammonia (as N)	mg/L	3.4	5	8.5	8.5	103	103	90-110	0.1	20

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4511
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

METHOD BLANK: 228449

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228451 228452

Parameter	Units	I071072002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0.24	5	5.3	5.3	100	100	90-110	0.2	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4523
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 228935

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228937 228938

Parameter	Units	I071036003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.36	5	5.4	5.2	101	96	90-110	4.8	20	

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4524
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 228957

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228959 228960

Parameter	Units	I071067002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	1.1	5	6.2	6.1	102	100	90-110	1.6	20	

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4529
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 229217

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	0.61	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 229218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229219 229220

Parameter	Units	I071072001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	5.1	10	14	14	86	87	80-120	0.4	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071072

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4529
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229221 229222

Parameter	Units	I071088003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Organic Carbon	mg/L	4.7	10	14	14	91	92	80-120	1.2	20

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1601
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 229192

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 229193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229194 229195

Parameter	Units	I071035028 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	370	500	870	890	100	104	80-120	2.3	20

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA QUALIFIERS

Lab Order: I071072

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071072

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071072001	SJRDS-007	EPA 160.2 / SM2540D	BIO/5817		
I071072002	SJRDS-007-DUP	EPA 160.2 / SM2540D	BIO/5817		
I071072003	SJRDS-007-FB	EPA 160.2 / SM2540D	BIO/5817		
I071072004	NWUS-008	EPA 160.2 / SM2540D	BIO/5817		
I071072005	STRDS-008	EPA 160.2 / SM2540D	BIO/5817		
I071072006	NWDS-009	EPA 160.2 / SM2540D	BIO/5817		
I071072007	SJUS-009	EPA 160.2 / SM2540D	BIO/5817		
I071072008	SJUS-009-DUP	EPA 160.2 / SM2540D	BIO/5817		
I071072001	SJRDS-007	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072002	SJRDS-007-DUP	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072003	SJRDS-007-FB	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072004	NWUS-008	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072005	STRDS-008	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072006	NWDS-009	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072007	SJUS-009	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072008	SJUS-009-DUP	EPA 405.1 / SM5210B	BOD/3823	EPA 405.1 / SM5210B	BOD/3824
I071072001	SJRDS-007	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071072001	SJRDS-007	EPA 1631E (filtered)	MPR/6393	EPA 1631E (filtered)	MHG/2417
I071072003	SJRDS-007-FB	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071072004	NWUS-008	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071072006	NWDS-009	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071072007	SJUS-009	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071072008	SJUS-009-DUP	EPA 1631E	MPR/6393	EPA 1631E	MHG/2417
I071072002	SJRDS-007-DUP	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072003	SJRDS-007-FB	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072004	NWUS-008	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072005	STRDS-008	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072006	NWDS-009	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072007	SJUS-009	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072008	SJUS-009-DUP	EPA 1631E (filtered)	MPR/6394	EPA 1631E (filtered)	MHG/2418
I071072002	SJRDS-007-DUP	EPA 1631E	MPR/6412	EPA 1631E	MHG/2422



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071072

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071072005	STRDS-008	EPA 1631E	MPR/6412	EPA 1631E	MHG/2422
I071072001	SJRDS-007	EPA 200.8 (filtered)	MPR/6369	EPA 200.8 (filtered)	MMS/4310
I071072002	SJRDS-007-DUP	EPA 200.8 (filtered)	MPR/6369	EPA 200.8 (filtered)	MMS/4310
I071072003	SJRDS-007-FB	EPA 200.8 (filtered)	MPR/6370	EPA 200.8 (filtered)	MMS/4311
I071072004	NWUS-008	EPA 200.8 (filtered)	MPR/6370	EPA 200.8 (filtered)	MMS/4311
I071072005	STRDS-008	EPA 200.8 (filtered)	MPR/6370	EPA 200.8 (filtered)	MMS/4311
I071072006	NWDS-009	EPA 200.8 (filtered)	MPR/6370	EPA 200.8 (filtered)	MMS/4311
I071072007	SJUS-009	EPA 200.8 (filtered)	MPR/6370	EPA 200.8 (filtered)	MMS/4311
I071072008	SJUS-009-DUP	EPA 200.8 (filtered)	MPR/6370	EPA 200.8 (filtered)	MMS/4311
I071072001	SJRDS-007	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072002	SJRDS-007-DUP	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072003	SJRDS-007-FB	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072004	NWUS-008	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072005	STRDS-008	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072006	NWDS-009	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072007	SJUS-009	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072008	SJUS-009-DUP	EPA 200.8	MPR/6372	EPA 200.8	MMS/4307
I071072001	SJRDS-007	EPA 180.1	WET/4489		
I071072002	SJRDS-007-DUP	EPA 180.1	WET/4489		
I071072003	SJRDS-007-FB	EPA 180.1	WET/4489		
I071072004	NWUS-008	EPA 180.1	WET/4489		
I071072005	STRDS-008	EPA 180.1	WET/4489		
I071072006	NWDS-009	EPA 180.1	WET/4489		
I071072007	SJUS-009	EPA 180.1	WET/4489		
I071072008	SJUS-009-DUP	EPA 180.1	WET/4489		
I071072001	SJRDS-007	EPA 350.2 / SM4500C	WET/4498		
I071072002	SJRDS-007-DUP	EPA 350.2 / SM4500C	WET/4511		
I071072003	SJRDS-007-FB	EPA 350.2 / SM4500C	WET/4511		
I071072004	NWUS-008	EPA 350.2 / SM4500C	WET/4511		
I071072005	STRDS-008	EPA 350.2 / SM4500C	WET/4511		
I071072006	NWDS-009	EPA 350.2 / SM4500C	WET/4511		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071072

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071072007	SJUS-009	EPA 350.2 / SM4500C	WET/4511		
I071072008	SJUS-009-DUP	EPA 350.2 / SM4500C	WET/4511		
I071072001	SJRDS-007	EPA 351.3 / SM4500C	WET/4523		
I071072002	SJRDS-007-DUP	EPA 351.3 / SM4500C	WET/4524		
I071072003	SJRDS-007-FB	EPA 351.3 / SM4500C	WET/4524		
I071072004	NWUS-008	EPA 351.3 / SM4500C	WET/4524		
I071072005	STRDS-008	EPA 351.3 / SM4500C	WET/4524		
I071072006	NWDS-009	EPA 351.3 / SM4500C	WET/4524		
I071072007	SJUS-009	EPA 351.3 / SM4500C	WET/4524		
I071072008	SJUS-009-DUP	EPA 351.3 / SM4500C	WET/4524		
I071072001	SJRDS-007	EPA 415.1 / SM5310B	WET/4529		
I071072002	SJRDS-007-DUP	EPA 415.1 / SM5310B	WET/4529		
I071072003	SJRDS-007-FB	EPA 415.1 / SM5310B	WET/4529		
I071072004	NWUS-008	EPA 415.1 / SM5310B	WET/4529		
I071072005	STRDS-008	EPA 415.1 / SM5310B	WET/4529		
I071072006	NWDS-009	EPA 415.1 / SM5310B	WET/4529		
I071072007	SJUS-009	EPA 415.1 / SM5310B	WET/4529		
I071072008	SJUS-009-DUP	EPA 415.1 / SM5310B	WET/4529		
I071072001	SJRDS-007	EPA 130.2 / SM2340B	WTI/1601		
I071072002	SJRDS-007-DUP	EPA 130.2 / SM2340B	WTI/1601		
I071072003	SJRDS-007-FB	EPA 130.2 / SM2340B	WTI/1601		
I071072004	NWUS-008	EPA 130.2 / SM2340B	WTI/1601		
I071072005	STRDS-008	EPA 130.2 / SM2340B	WTI/1601		
I071072006	NWDS-009	EPA 130.2 / SM2340B	WTI/1601		
I071072007	SJUS-009	EPA 130.2 / SM2340B	WTI/1601		
I071072008	SJUS-009-DUP	EPA 130.2 / SM2340B	WTI/1601		



Monday, August 25, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I071113
Project ID: DMC 18600161.10005

Collected By: SOPHIA ESPANOLA
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, July 31, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

REPORT OF LABORATORY ANALYSIS



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ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I071113

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I071113001	NWUS-013	Water	7/31/2008 13:00	7/31/2008 16:33
I071113002	NWUS-013-DUP	Water	7/31/2008 13:10	7/31/2008 16:33
I071113003	SJRDS-013	Water	7/31/2008 12:15	7/31/2008 16:33
I071113004	NWDS-014	Water	7/31/2008 12:05	7/31/2008 16:33
I071113005	SJUS-014	Water	7/31/2008 12:25	7/31/2008 16:33

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I071113

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071113

Project ID DMC 18600161.10005

Lab ID:	I071113001	Date Collected:	7/31/2008 13:00			Matrix:	Water			
Sample ID:	NWUS-013	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D				Analyzed by:		AMS	
Total Suspended Solids	11	mg/L	3	2.0	1			08/02/08 09:02	BIO 5821	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC		
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 13:10	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by:		TLC		
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 11:54	MHG 2424	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by:		TLC		
	Analytical Method:		EPA 1631E					Analyzed by: TLC		
Mercury	0.0038	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 11:28	MHG 2423	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by:		UK		
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.7	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 07:23	MMS 4331	
Copper	1.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 07:23	MMS 4331	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by:		UK		
	Analytical Method:		EPA 200.8					Analyzed by: LM		
Aluminum	610	ug/L	10	0.40	4	08/13/08 00:00	MPR 6396	08/19/08 23:28	MMS 4319	
Boron	98	ug/L	10	0.70	1	08/13/08 00:00	MPR 6396	08/20/08 00:21	MMS 4319	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by:		UK		
	Analytical Method:		EPA 200.8					Analyzed by: LM		
Selenium (reaction cell)	J0.15	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6396	08/20/08 00:21	MMS 4319	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.35	mg/L	0.1	0.060	1			08/13/08 18:06	WET 4530	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by:		LHK	
Turbidity	13	NTU	0.05	0.020	1			08/01/08 13:00	WET 4490	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL	
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP	
Hardness (as CaCO3)	210	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

8/25/2008 16:15

REPORT OF LABORATORY ANALYSIS

Page 4 of 20

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071113

Project ID DMC 18600161.10005

Lab ID: I071113001 Date Collected: 7/31/2008 13:00 Matrix: Water
 Sample ID: NWUS-013 Date Received: 7/31/2008 16:33

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071113002 Date Collected: 7/31/2008 13:10 Matrix: Water
 Sample ID: NWUS-013-DUP Date Received: 7/31/2008 16:33

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis Analytical Method: EPA 160.2 / SM2540D Analyzed by: AMS
 Total Suspended Solids 16 mg/L 3 2.0 1 08/02/08 09:02 BIO 5821

Biochemical Oxygen Demand/5-Day Prep Method: EPA 405.1 / SM5210B Prep by: KMC
 Analytical Method: EPA 405.1 / SM5210B Analyzed by: KMC
 Biochemical Oxygen Demand ND mg/L 5 0.60 1 08/01/08 13:13 BOD 3825 08/06/08 00:00 BOD 3826

Mercury Analysis, Trace Level, Dissolved Prep Method: EPA 1631E (filtered) Prep by: TLC
 Analytical Method: EPA 1631E (filtered) Analyzed by: SMD
 Mercury 0.0010 ug/L 0.0005 0.00030 1 08/17/08 00:00 MPR 6420 08/18/08 11:59 MHG 2424

Mercury Analysis, Trace Level Prep Method: EPA 1631E Prep by: TLC
 Analytical Method: EPA 1631E Analyzed by: TLC
 Mercury 0.0026 ug/L 0.0005 0.00030 1 08/16/08 00:00 MPR 6416 08/17/08 12:18 MHG 2423

Metals Analysis by ICPMS, Dissolved Prep Method: EPA 200.8 (filtered) Prep by: UK
 Analytical Method: EPA 200.8 (filtered) Analyzed by: LM
 Arsenic 2.6 ug/L 0.5 0.070 1 08/18/08 00:00 MPR 6423 08/20/08 07:56 MMS 4331
 Copper 1.5 ug/L 0.5 0.070 1 08/18/08 00:00 MPR 6423 08/20/08 07:56 MMS 4331

Metals Analysis by ICPMS Prep Method: EPA 200.8 Prep by: UK
 Analytical Method: EPA 200.8 Analyzed by: LM
 Aluminum 640 ug/L 10 0.40 4 08/13/08 00:00 MPR 6396 08/19/08 22:35 MMS 4319
 Boron 86 ug/L 10 0.70 1 08/13/08 00:00 MPR 6396 08/18/08 03:32 MMS 4319

Multi-Mode ICPMS Analysis Prep Method: EPA 200.8 Prep by: UK
 Analytical Method: EPA 200.8 Analyzed by: LM
 Selenium (reaction cell) 10.17 ug/L 0.20 0.060 1 08/13/08 00:00 MPR 6396 08/18/08 03:32 MMS 4319

Nitrogen, Total Kjeldahl Analysis Analytical Method: EPA 351.3 / SM4500C Analyzed by: JDC
 Total Kjeldahl Nitrogen 0.11 mg/L 0.1 0.060 1 08/13/08 18:06 WET 4530

Turbidity Analysis Analytical Method: EPA 180.1 Analyzed by: LHK
 Turbidity 13 NTU 0.05 0.020 1 08/01/08 13:02 WET 4490



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071113

Project ID DMC 18600161.10005

Lab ID:	I071113002	Date Collected:	7/31/2008 13:10	Matrix:	Water					
Sample ID:	NWUS-013-DUP	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	170	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071113003	Date Collected:	7/31/2008 12:15	Matrix:	Water					
Sample ID:	SJRDS-013	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	300	mg/L	3	2.0	1			08/02/08 09:02	BIO 5821	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 13:17	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 12:04	MHG 2424	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	TLC		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.12	ug/L	0.0010	0.00060	2	08/17/08 00:00	MPR 6420	08/18/08 11:34	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.7	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 08:03	MMS 4331	
Copper	1.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 08:03	MMS 4331	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	7700	ug/L	50	5.0	50	08/13/08 00:00	MPR 6396	08/19/08 23:35	MMS 4319	
Boron	530	ug/L	10	2.8	4	08/13/08 00:00	MPR 6396	08/20/08 00:14	MMS 4319	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

8/25/2008 16:15

REPORT OF LABORATORY ANALYSIS

Page 6 of 20

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071113

Project ID DMC 18600161.10005

Lab ID:	I071113003	Date Collected:	7/31/2008 12:15	Matrix:	Water					
Sample ID:	SJRDS-013	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	1.2	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6396	08/18/08 04:58	MMS 4319	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: JDC			
Total Kjeldahl Nitrogen	1.6	mg/L	0.1	0.060	1			08/13/08 18:06	WET 4530	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	140	NTU	0.5	0.20	10			08/01/08 13:04	WET 4490	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	0.20	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	4.2	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	290	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071113004	Date Collected:	7/31/2008 12:05	Matrix:	Water					
Sample ID:	NWDS-014	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D				Analyzed by: AMS			
Total Suspended Solids	390	mg/L	3	2.0	1			08/02/08 09:02	BIO 5821	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B				Prep by: KMC			
	Analytical Method:		EPA 405.1 / SM5210B				Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 13:20	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)				Prep by: TLC			
	Analytical Method:		EPA 1631E (filtered)				Analyzed by: SMD			
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 12:10	MHG 2424	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E				Prep by: TLC			
	Analytical Method:		EPA 1631E				Analyzed by: TLC			
Mercury	0.095	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 12:29	MHG 2423	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)				Prep by: UK			
	Analytical Method:		EPA 200.8 (filtered)				Analyzed by: LM			
Arsenic	2.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 08:29	MMS 4331	
Copper	0.9	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 08:29	MMS 4331	

8/25/2008 16:15

REPORT OF LABORATORY ANALYSIS

Page 7 of 20

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071113

Project ID DMC 18600161.10005

Lab ID:	I071113004	Date Collected:	7/31/2008 12:05	Matrix:	Water					
Sample ID:	NWDS-014	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	9900	ug/L	50	5.0	50	08/13/08 00:00	MPR 6396	08/20/08 00:01	MMS 4319	
Boron	160	ug/L	10	0.70	1	08/13/08 00:00	MPR 6396	08/20/08 00:07	MMS 4319	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.47	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6396	08/20/08 00:07	MMS 4319	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/13/08 18:06	WET 4530	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	190	NTU	0.5	0.20	10			08/01/08 13:05	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.25	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.4	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	240	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071113005	Date Collected:	7/31/2008 12:25	Matrix:	Water					
Sample ID:	SJUS-014	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	37	mg/L	3	2.0	1			08/02/08 09:02	BIO 5821	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 13:24	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 12:15	MHG 2424	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	

8/25/2008 16:15

REPORT OF LABORATORY ANALYSIS

Page 8 of 20

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071113

Project ID DMC 18600161.10005

Lab ID:	I071113005	Date Collected:	7/31/2008 12:25	Matrix:	Water					
Sample ID:	SJUS-014	Date Received:	7/31/2008 16:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		TLC
Mercury	0.0050	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 12:34	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	5.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 08:36	MMS 4331	
Copper	1.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 08:36	MMS 4331	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	760	ug/L	10	0.50	5	08/14/08 00:00	MPR 6402	08/17/08 15:53	MMS 4318	
Boron	1100	ug/L	10	7.0	10	08/14/08 00:00	MPR 6402	08/17/08 15:40	MMS 4318	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	1.8	ug/L	0.20	0.060	1	08/14/08 00:00	MPR 6402	08/15/08 20:24	MMS 4318	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC
Total Kjeldahl Nitrogen	1.1	mg/L	0.1	0.060	1			08/13/08 18:06	WET 4530	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		LHK
Turbidity	15	NTU	0.05	0.020	1			08/01/08 13:06	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	6.2	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	410	mg/L	20	15	5			08/23/08 00:00	WTI 1603	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5821
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 227153

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Suspended Solids	ND	3	mg/L	

LABORATORY CONTROL SAMPLE: 227154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	98	80-120	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3825
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	90	80-120	

SAMPLE DUPLICATE: 228501

Parameter	Units	I070001031 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	1082.5	1100	0	20	

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6402
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 229649

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	10.4	10	ug/L	
Boron	ND	10	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6402
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Selenium (reaction cell)	ND	0.20	ug/L	

LABORATORY CONTROL SAMPLE: 229650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	108	85-115	
Boron	ug/L	20	19	96	85-115	
Selenium (reaction cell)	ug/L	20	20	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229651 229652

Parameter	Units	I080196001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	180	40	400	390	564	536	85-115	2.8	20	2
Selenium (reaction cell)	ug/L	2	20	21	21	95	96	85-115	0.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229651 229652

Parameter	Units	I080196001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	1500	20	1600	1600	635	410	85-115	2.8	20	2

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6396
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 229296

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.6	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 229296

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	J2	10	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6396**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**LABORATORY CONTROL SAMPLE:** 229297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	108	85-115	
Boron	ug/L	20	23	115	85-115	
Selenium (reaction cell)	ug/L	20	19	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229298 229299

Parameter	Units	I071113002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	86	20	120	120	151	152	85-115	0.2	20	2
Selenium (reaction cell)	ug/L	0.17	20	22	22	108	108	85-115	0.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229298 229299

Parameter	Units	I071113002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	640	40	1600	1600	2414	2491	85-115	1.9	20	2

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6416**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 229950

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229951

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	103	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6416**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 229952 229953

Parameter	Units	I071088012 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0028	0.02	0.023	.024	102	104	71-125	1.8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229954 229955

Parameter	Units	I071113001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0038	0.02	0.024	.023	100	97	71-125	2.3	20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6420**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 229974 229975

Parameter	Units	I080060003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0028	0.02	0.026	.027	117	122	71-125	4.1	20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6420**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 229972

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	114	80-120	

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6420
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229976 229977

Parameter	Units	I080060011 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0025	0.02	0.026	.027	117	122	71-125	3.8	20

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6423
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 230173

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 230174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	98	85-115	
Copper	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230175 230176

Parameter	Units	I071113001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Arsenic	ug/L	2.7	20	22	22	97	98	85-115	0.3	20
Copper	ug/L	1.6	20	22	21	100	99	85-115	0.4	20

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4490
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 227427

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4490**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**LABORATORY CONTROL SAMPLE:** 227428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	

SAMPLE DUPLICATE: 227429

Parameter	Units	I071113001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	13.01	13	2.5		

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4512**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 228453

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228455 228456

Parameter	Units	I071097001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.9	4.9	97	98	90-110	0.9	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis**QC Batch:** WET/4530**Analysis Method:** EPA 351.3 / SM4500C**QC Batch Method:** EPA 351.3 / SM4500C**METHOD BLANK:** 229288

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4530
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 229289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229290 229291

Parameter	Units	I071098001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	1.8	5	6.9	6.9	102	101	90-110	0.3	20

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4543
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 230253

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	JO.17	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 230254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.3	93	80-120	

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1603
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 231326



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071113

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1603
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 231327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231328 231329

Parameter	Units	I071088005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	390	500	910	890	104	100	80-120	2.2	20	

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I071113

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 Use for QC only.
- 2 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071113

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071113001	NWUS-013	EPA 160.2 / SM2540D	BIO/5821		
I071113002	NWUS-013-DUP	EPA 160.2 / SM2540D	BIO/5821		
I071113003	SJRDS-013	EPA 160.2 / SM2540D	BIO/5821		
I071113004	NWDS-014	EPA 160.2 / SM2540D	BIO/5821		
I071113005	SJUS-014	EPA 160.2 / SM2540D	BIO/5821		
I071113001	NWUS-013	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071113002	NWUS-013-DUP	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071113003	SJRDS-013	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071113004	NWDS-014	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071113005	SJUS-014	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071113001	NWUS-013	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071113002	NWUS-013-DUP	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071113004	NWDS-014	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071113005	SJUS-014	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071113001	NWUS-013	EPA 1631E (filtered)	MPR/6420	EPA 1631E (filtered)	MHG/2424
I071113002	NWUS-013-DUP	EPA 1631E (filtered)	MPR/6420	EPA 1631E (filtered)	MHG/2424
I071113003	SJRDS-013	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I071113003	SJRDS-013	EPA 1631E (filtered)	MPR/6420	EPA 1631E (filtered)	MHG/2424
I071113004	NWDS-014	EPA 1631E (filtered)	MPR/6420	EPA 1631E (filtered)	MHG/2424
I071113005	SJUS-014	EPA 1631E (filtered)	MPR/6420	EPA 1631E (filtered)	MHG/2424
I071113001	NWUS-013	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071113002	NWUS-013-DUP	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071113003	SJRDS-013	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071113004	NWDS-014	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071113005	SJUS-014	EPA 200.8	MPR/6402	EPA 200.8	MMS/4318
I071113001	NWUS-013	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331
I071113002	NWUS-013-DUP	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331
I071113003	SJRDS-013	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331
I071113004	NWDS-014	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331
I071113005	SJUS-014	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071113

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071113001	NWUS-013	EPA 180.1	WET/4490		
I071113002	NWUS-013-DUP	EPA 180.1	WET/4490		
I071113003	SJRDS-013	EPA 180.1	WET/4490		
I071113004	NWDS-014	EPA 180.1	WET/4490		
I071113005	SJUS-014	EPA 180.1	WET/4490		
I071113001	NWUS-013	EPA 350.2 / SM4500C	WET/4512		
I071113002	NWUS-013-DUP	EPA 350.2 / SM4500C	WET/4512		
I071113003	SJRDS-013	EPA 350.2 / SM4500C	WET/4512		
I071113004	NWDS-014	EPA 350.2 / SM4500C	WET/4512		
I071113005	SJUS-014	EPA 350.2 / SM4500C	WET/4512		
I071113001	NWUS-013	EPA 351.3 / SM4500C	WET/4530		
I071113002	NWUS-013-DUP	EPA 351.3 / SM4500C	WET/4530		
I071113003	SJRDS-013	EPA 351.3 / SM4500C	WET/4530		
I071113004	NWDS-014	EPA 351.3 / SM4500C	WET/4530		
I071113005	SJUS-014	EPA 351.3 / SM4500C	WET/4530		
I071113001	NWUS-013	EPA 415.1 / SM5310B	WET/4543		
I071113002	NWUS-013-DUP	EPA 415.1 / SM5310B	WET/4543		
I071113003	SJRDS-013	EPA 415.1 / SM5310B	WET/4543		
I071113004	NWDS-014	EPA 415.1 / SM5310B	WET/4543		
I071113005	SJUS-014	EPA 415.1 / SM5310B	WET/4543		
I071113001	NWUS-013	EPA 130.2 / SM2340B	WTI/1603		
I071113002	NWUS-013-DUP	EPA 130.2 / SM2340B	WTI/1603		
I071113003	SJRDS-013	EPA 130.2 / SM2340B	WTI/1603		
I071113004	NWDS-014	EPA 130.2 / SM2340B	WTI/1603		
I071113005	SJUS-014	EPA 130.2 / SM2340B	WTI/1603		



Tuesday, September 02, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I080060
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, August 01, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I080060001	SJRDS-014	Water	7/31/2008 18:00	8/1/2008 12:59
I080060002	SJRDS-015	Water	8/1/2008 00:15	8/1/2008 12:59
I080060003	NWUS-015	Water	8/1/2008 01:00	8/1/2008 12:59
I080060004	NWUS-014	Water	7/31/2008 18:45	8/1/2008 12:59
I080060005	NWDS-015	Water	7/31/2008 17:49	8/1/2008 12:59
I080060006	SJRUS-015	Water	7/31/2008 18:08	8/1/2008 12:59
I080060007	NWDS-016	Water	7/31/2008 23:50	8/1/2008 12:59
I080060008	NWDS-016 DUP	Water	7/31/2008 23:57	8/1/2008 12:59
I080060009	SJRUS-016	Water	8/1/2008 00:15	8/1/2008 12:59
I080060010	DMC-004	Water	8/1/2008 06:25	8/1/2008 12:59
I080060011	NWUS-016	Water	8/1/2008 06:50	8/1/2008 12:59
I080060012	NWDS-017	Water	8/1/2008 07:45	8/1/2008 12:59
I080060013	SJRUS-017	Water	8/1/2008 08:05	8/1/2008 12:59
I080060014	SJRDS-016	Water	8/1/2008 09:00	8/1/2008 12:59
I080060015	SCL-004	Water	8/1/2008 09:40	8/1/2008 12:59

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I080060

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

Qualifiers and Compound Notes

- 1 Sample pH was not less than 2 before digestion.





ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060001	Date Collected:	7/31/2008 18:00	Matrix:	Water					
Sample ID:	SJRDS-014	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	190	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 10:40	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0014	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 11:41	MHG 2425	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.060	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 12:25	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	3.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 09:55	MMS 4332	
Copper	1.2	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 09:55	MMS 4332	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	5400	ug/L	50	5.0	50	08/14/08 00:00	MPR 6402	08/17/08 15:47	MMS 4318	
Boron	520	ug/L	10	3.5	5	08/14/08 00:00	MPR 6402	08/17/08 16:00	MMS 4318	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	1.0	ug/L	0.20	0.060	1	08/14/08 00:00	MPR 6402	08/15/08 20:31	MMS 4318	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		LHK	
Turbidity	86	NTU	0.2	0.10	5			08/01/08 15:38	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	0.15	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	4.8	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	310	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 4 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID: I080060001	Date Collected:	7/31/2008 18:00	Matrix:	Water
Sample ID: SJRDS-014	Date Received:	8/1/2008 12:59		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080060002	Date Collected:	8/1/2008 00:15	Matrix:	Water
Sample ID: SJRDS-015	Date Received:	8/1/2008 12:59		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D					Analyzed by: AMS
Total Suspended Solids	150 mg/L	3	2.0	1		08/02/08 08:55	BIO 5819
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B				Prep by: KMC	
	Analytical Method:	EPA 405.1 / SM5210B				Analyzed by: KMC	
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/02/08 10:44	BOD 3827	08/07/08 00:00 BOD 3828
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)				Prep by: UK	
	Analytical Method:	EPA 1631E (filtered)				Analyzed by: SMD	
Mercury	0.0013 ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 11:47 MHG 2425
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E				Prep by: TLC	
	Analytical Method:	EPA 1631E				Analyzed by: SMD	
Mercury	0.038 ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 13:00 MHG 2424
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)				Prep by: UK	
	Analytical Method:	EPA 200.8 (filtered)				Analyzed by: LM	
Arsenic	3.6 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:15 MMS 4332
Copper	1.1 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:15 MMS 4332
Metals Analysis by ICPMS	Prep Method:	EPA 200.8				Prep by: UK	
	Analytical Method:	EPA 200.8				Analyzed by: LM	
Aluminum	7200 ug/L	50	5.0	50	08/13/08 00:00	MPR 6397	08/20/08 05:44 MMS 4320
Boron	710 ug/L	10	3.5	5	08/13/08 00:00	MPR 6397	08/20/08 06:30 MMS 4320
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8				Prep by: UK	
	Analytical Method:	EPA 200.8				Analyzed by: LM	
Selenium (reaction cell)	1.3 ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 03:25 MMS 4320
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C				Analyzed by: JDC	
Total Kjeldahl Nitrogen	2.2 mg/L	0.1	0.060	1			08/14/08 18:11 WET 4533
Turbidity Analysis	Analytical Method:	EPA 180.1				Analyzed by: LHK	
Turbidity	75 NTU	0.2	0.10	5			08/01/08 15:40 WET 4490



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060002	Date Collected:	8/1/2008 00:15	Matrix:	Water					
Sample ID:	SJRDS-015	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	0.26	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	5.0	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	380	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060003	Date Collected:	8/1/2008 01:00	Matrix:	Water					
Sample ID:	NWUS-015	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS				
Total Suspended Solids	9.0	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC				
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 10:47	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD				
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 11:52	MHG 2425	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: TLC				
	Analytical Method:		EPA 1631E			Analyzed by: SMD				
Mercury	0.0028	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 11:14	MHG 2424	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM				
Arsenic	2.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:22	MMS 4332	
Copper	1.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:22	MMS 4332	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8			Analyzed by: LM				
Aluminum	490	ug/L	10	0.40	4	08/13/08 00:00	MPR 6397	08/20/08 05:51	MMS 4320	
Boron	110	ug/L	10	0.70	1	08/13/08 00:00	MPR 6397	08/18/08 08:42	MMS 4320	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8			Analyzed by: LM				

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 6 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060003	Date Collected:	8/1/2008 01:00	Matrix:	Water					
Sample ID:	NWUS-015	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	10.13	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 03:32	MMS 4320	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C					Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.46	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis	Analytical Method:		EPA 180.1					Analyzed by: LHK		
Turbidity	9.1	NTU	0.05	0.020	1			08/01/08 15:41	WET 4490	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by: AL		
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by: NP		
Hardness (as CaCO3)	140	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060004	Date Collected:	7/31/2008 18:45	Matrix:	Water					
Sample ID:	NWUS-014	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	14	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 10:51	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by: UK			
		Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD			
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 11:57	MHG 2425	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by: TLC			
		Analytical Method:		EPA 1631E			Analyzed by: SMD			
Mercury	0.0044	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 13:05	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by: UK			
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	3.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:28	MMS 4332	
Copper	1.9	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:28	MMS 4332	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060004	Date Collected:	7/31/2008 18:45	Matrix:	Water					
Sample ID:	NWUS-014	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	740	ug/L	10	0.50	5	08/13/08 00:00	MPR 6397	08/20/08 05:57	MMS 4320	
Boron	160	ug/L	10	0.70	1	08/13/08 00:00	MPR 6397	08/18/08 08:49	MMS 4320	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	10.19	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 03:39	MMS 4320	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	0.68	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	14	NTU	0.05	0.020	1			08/01/08 15:42	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.3	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	230	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060005	Date Collected:	7/31/2008 17:49	Matrix:	Water					
Sample ID:	NWDS-015	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	720	mg/L	6	4.0	2			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 10:53	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.001	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 12:37	MHG 2425	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060005	Date Collected:	7/31/2008 17:49	Matrix:	Water					
Sample ID:	NWDS-015	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		SMD
Mercury	0.17	ug/L	0.0010	0.00060	2	08/17/08 00:00	MPR 6420	08/18/08 13:10	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	2.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:35	MMS 4332	
Copper	1	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:35	MMS 4332	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	16000	ug/L	100	10	100	08/13/08 00:00	MPR 6397	08/20/08 06:04	MMS 4320	
Boron	150	ug/L	10	0.70	1	08/13/08 00:00	MPR 6397	08/18/08 08:55	MMS 4320	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	0.74	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 03:45	MMS 4320	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC
Total Kjeldahl Nitrogen	2.5	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		LHK
Turbidity	280	NTU	1	0.40	20			08/01/08 15:43	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	0.49	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	3.8	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	410	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060006	Date Collected:	7/31/2008 18:08	Matrix:	Water					
Sample ID:	SJRUS-015	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	32	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 9 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060007	Date Collected:	7/31/2008 23:50	Matrix:	Water					
Sample ID:	NWDS-016	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	610	mg/L	6	4.0	2			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 11:04	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 12:42	MHG 2425	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	TLC		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.17	ug/L	0.0010	0.00060	2	08/17/08 00:00	MPR 6420	08/18/08 13:20	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.1	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:48	MMS 4332	
Copper	1	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 10:48	MMS 4332	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	15000	ug/L	100	10	100	08/13/08 00:00	MPR 6397	08/20/08 06:17	MMS 4320	
Boron	190	ug/L	10	0.70	1	08/13/08 00:00	MPR 6397	08/20/08 04:18	MMS 4320	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.68	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 04:18	MMS 4320	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	2.4	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	240	NTU	1	0.40	20			08/01/08 15:46	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.51	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	4.2	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	240	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

9/2/2008 11:27

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID: I080060007	Date Collected:	7/31/2008 23:50	Matrix:	Water
Sample ID: NWDS-016	Date Received:	8/1/2008 12:59		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080060008	Date Collected:	7/31/2008 23:57	Matrix:	Water
Sample ID: NWDS-016 DUP	Date Received:	8/1/2008 12:59		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	770 mg/L	6	4.0	2				08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/02/08 11:09	BOD 3827		08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0014 ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426		08/19/08 12:47	MHG 2425	
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.19 ug/L	0.0025	0.0015	5	08/18/08 00:00	MPR 6426		08/19/08 11:01	MHG 2425	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.1 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424		08/20/08 10:55	MMS 4332	
Copper	0.9 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424		08/20/08 10:55	MMS 4332	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	16000 ug/L	100	10	100	08/13/08 00:00	MPR 6397		08/20/08 06:24	MMS 4320	
Boron	190 ug/L	10	0.70	1	08/13/08 00:00	MPR 6397		08/20/08 04:25	MMS 4320	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	0.74 ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397		08/20/08 04:25	MMS 4320	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	2.7 mg/L	0.1	0.060	1				08/14/08 18:11	WET 4533	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	310 NTU	1	0.40	20				08/01/08 15:47	WET 4490	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060008	Date Collected:	7/31/2008 23:57	Matrix:	Water					
Sample ID:	NWDS-016 DUP	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	0.48	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	4.0	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	280	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060009	Date Collected:	8/1/2008 00:15	Matrix:	Water					
Sample ID:	SJRUS-016	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS				
Total Suspended Solids	76	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC				
Biochemical Oxygen Demand	5	mg/L	5	0.60	1	08/02/08 11:13	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD				
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 12:02	MHG 2425	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: TLC				
	Analytical Method:		EPA 1631E			Analyzed by: SMD				
Mercury	0.0088	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 13:30	MHG 2424	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM				
Arsenic	6.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 11:21	MMS 4332	
Copper	1.7	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 11:21	MMS 4332	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8			Analyzed by: LM				
Aluminum	1400	ug/L	10	1.0	10	08/13/08 00:00	MPR 6397	08/20/08 04:51	MMS 4320	
Boron	1300	ug/L	10	7.0	10	08/13/08 00:00	MPR 6397	08/20/08 04:51	MMS 4320	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8			Analyzed by: LM				

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 13 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060009	Date Collected:	8/1/2008 00:15	Matrix:	Water					
Sample ID:	SJRUS-016	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	2.3	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 03:06	MMS 4320	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C					Analyzed by: JDC		
Total Kjeldahl Nitrogen	1.4	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis	Analytical Method:		EPA 180.1					Analyzed by: LHK		
Turbidity	28	NTU	0.1	0.040	2			08/01/08 15:49	WET 4490	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by: AL		
Total Organic Carbon	6.2	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by: NP		
Hardness (as CaCO3)	430	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060010	Date Collected:	8/1/2008 06:25	Matrix:	Water					
Sample ID:	DMC-004	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	16	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 11:18	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0008	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 12:52	MHG 2425	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	TLC		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0036	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 13:35	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.7	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 11:28	MMS 4332	
Copper	1.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6424	08/20/08 11:28	MMS 4332	

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 14 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060010	Date Collected:	8/1/2008 06:25	Matrix:	Water					
Sample ID:	DMC-004	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	610	ug/L	10	0.40	4	08/13/08 00:00	MPR 6397	08/20/08 05:11	MMS 4320	
Boron	110	ug/L	10	0.70	1	08/13/08 00:00	MPR 6397	08/20/08 04:31	MMS 4320	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.48	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 04:31	MMS 4320	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	0.42	mg/L	0.1	0.060	1			08/14/08 18:11	WET 4533	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	9.7	NTU	0.05	0.020	1			08/01/08 15:50	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	160	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060011	Date Collected:	8/1/2008 06:50	Matrix:	Water					
Sample ID:	NWUS-016	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	11	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 11:20	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0007	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 12:57	MHG 2425	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 15 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060011	Date Collected:	8/1/2008 06:50	Matrix:	Water					
Sample ID:	NWUS-016	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		SMD
Mercury	0.0025	ug/L	0.0005	0.00030	1	08/17/08 00:00	MPR 6420	08/18/08 12:30	MHG 2424	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	2.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 01:34	MMS 4333	
Copper	1.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 01:34	MMS 4333	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	560	ug/L	10	0.40	4	08/13/08 00:00	MPR 6397	08/20/08 05:18	MMS 4320	
Boron	100	ug/L	10	0.70	1	08/13/08 00:00	MPR 6397	08/20/08 04:38	MMS 4320	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	10.13	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6397	08/20/08 04:38	MMS 4320	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC
Total Kjeldahl Nitrogen	0.29	mg/L	0.1	0.060	1			08/14/08 18:17	WET 4535	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		LHK
Turbidity	12	NTU	0.05	0.020	1			08/01/08 15:51	WET 4490	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	170	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060012	Date Collected:	8/1/2008 07:45	Matrix:	Water					
Sample ID:	NWDS-017	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	390	mg/L	6	4.0	2			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060013	Date Collected:	8/1/2008 08:05			Matrix:	Water			
Sample ID:	SJRUS-017	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by:		AMS
Total Suspended Solids	42	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC		
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by:		KMC
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 11:35	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by:		UK		
	Analytical Method:		EPA 1631E (filtered)					Analyzed by:		SMD
Mercury	0.0013	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 13:07	MHG 2425	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by:		UK		
	Analytical Method:		EPA 1631E					Analyzed by:		SMD
Mercury	0.0073	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 11:26	MHG 2425	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by:		UK		
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by:		LM
Arsenic	5.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:07	MMS 4333	
Copper	1.7	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:07	MMS 4333	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by:		UK		
	Analytical Method:		EPA 200.8					Analyzed by:		LM
Aluminum	1300	ug/L	10	1.0	10	08/13/08 00:00	MPR 6398	08/20/08 01:33	MMS 4321	
Boron	1300	ug/L	10	7.0	10	08/13/08 00:00	MPR 6398	08/22/08 11:57	MMS 4321	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by:		UK		
	Analytical Method:		EPA 200.8					Analyzed by:		LM
Selenium (reaction cell)	2.7	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6398	08/18/08 10:48	MMS 4321	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C					Analyzed by:		JDC
Total Kjeldahl Nitrogen	1.1	mg/L	0.1	0.060	1			08/14/08 18:17	WET 4535	
Turbidity Analysis	Analytical Method:		EPA 180.1					Analyzed by:		LHK
Turbidity	21	NTU	0.1	0.040	2			08/01/08 15:55	WET 4490	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:		NP
Ammonia (as N)	10.055	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:		AL
Total Organic Carbon	6.0	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:		NP
Hardness (as CaCO3)	440	mg/L	20	15	5			08/25/08 00:00	WTI 1605	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID: I080060013	Date Collected:	8/1/2008 08:05	Matrix:	Water
Sample ID: SJRUS-017	Date Received:	8/1/2008 12:59		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080060014	Date Collected:	8/1/2008 09:00	Matrix:	Water
Sample ID: SJRDS-016	Date Received:	8/1/2008 12:59		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	190 mg/L	3	2.0	1				08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/02/08 11:39	BOD 3827		08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0011 ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426		08/19/08 13:12	MHG 2425	1
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.071 ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426		08/19/08 11:31	MHG 2425	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	3.6 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425		08/21/08 02:26	MMS 4333	
Copper	1.3 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425		08/21/08 02:26	MMS 4333	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	5000 ug/L	50	5.0	50	08/13/08 00:00	MPR 6398		08/20/08 01:40	MMS 4321	
Boron	780 ug/L	10	3.5	5	08/13/08 00:00	MPR 6398		08/22/08 12:03	MMS 4321	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	1.6 ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6398		08/18/08 11:14	MMS 4321	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	1.5 mg/L	0.1	0.060	1				08/14/08 18:17	WET 4535	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	99 NTU	0.2	0.10	5				08/01/08 15:56	WET 4490	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID:	I080060014	Date Collected:	8/1/2008 09:00	Matrix:	Water					
Sample ID:	SJRDS-016	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	0.29	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	4.8	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4544	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	350	mg/L	20	15	5			08/25/08 00:00	WTI 1605	

Lab ID:	I080060015	Date Collected:	8/1/2008 09:40	Matrix:	Water					
Sample ID:	SCL-004	Date Received:	8/1/2008 12:59							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS				
Total Suspended Solids	57	mg/L	3	2.0	1			08/02/08 08:55	BIO 5819	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC				
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/02/08 11:43	BOD 3827	08/07/08 00:00	BOD 3828	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD				
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6427	08/19/08 14:03	MHG 2426	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E			Analyzed by: SMD				
Mercury	0.011	ug/L	0.0005	0.00030	1	08/18/08 00:00	MPR 6426	08/19/08 11:36	MHG 2425	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM				
Arsenic	3.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:33	MMS 4333	
Copper	1.7	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:33	MMS 4333	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8			Analyzed by: LM				
Aluminum	1900	ug/L	10	1.0	10	08/13/08 00:00	MPR 6398	08/20/08 01:46	MMS 4321	
Boron	430	ug/L	10	2.8	4	08/13/08 00:00	MPR 6398	08/22/08 12:10	MMS 4321	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8			Analyzed by: LM				

9/2/2008 11:27

REPORT OF LABORATORY ANALYSIS

Page 20 of 41

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080060

Project ID DMC 18600161.10005

Lab ID: I080060015

Date Collected: 8/1/2008 09:40

Matrix: Water

Sample ID: SCL-004

Date Received: 8/1/2008 12:59

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	0.82	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6398	08/18/08 11:21	MMS 4321	
Nitrogen, Total Kjeldahl Analysis	Analytical Method: EPA 351.3 / SM4500C				Analyzed by: JDC					
Total Kjeldahl Nitrogen	0.83	mg/L	0.1	0.060	1			08/14/08 18:17	WET 4535	
Turbidity Analysis	Analytical Method: EPA 180.1				Analyzed by: LHK					
Turbidity	38	NTU	0.1	0.040	2			08/01/08 16:00	WET 4491	
Nitrogen, Ammonia (as N)	Analytical Method: EPA 350.2 / SM4500C				Analyzed by: NP					
Ammonia (as N)	10.055	mg/L	0.1	0.050	1			08/09/08 00:00	WET 4513	
Total Organic Carbon Analysis	Analytical Method: EPA 415.1 / SM5310B				Analyzed by: AL					
Total Organic Carbon	5.0	mg/L	0.5	0.10	1			08/19/08 00:00	WET 4547	
Hardness, as CaCO₃ by Titrimetric	Analytical Method: EPA 130.2 / SM2340B				Analyzed by: NP					
Hardness (as CaCO ₃)	280	mg/L	20	15	5			08/25/08 00:00	WTI 1605	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5819
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 227149

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 227150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	98	80-120	

SAMPLE DUPLICATE: 227350

Parameter	Units	I080060015 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	57	63	10	20	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3827
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228502

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	89	80-120	

SAMPLE DUPLICATE: 228503

Parameter	Units	I080001001 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	977.5	950	2.5	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6402
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 229649

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	10.4	10 ug/L	
Boron	ND	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 229650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	108	85-115	
Boron	ug/L	20	19	96	85-115	
Selenium (reaction cell)	ug/L	20	20	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229651 229652

Parameter	Units	I080196001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	180	40	400	390	564	536	85-115	2.8	20	2
Selenium (reaction cell)	ug/L	2	20	21	21	95	96	85-115	0.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229651 229652

Parameter	Units	I080196001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	1500	20	1600	1600	635	410	85-115	2.8	20	2

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6397
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 229300

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	10.5	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

METHOD BLANK: 229300



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6397**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	J4	10	ug/L	

LABORATORY CONTROL SAMPLE: 229301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Selenium (reaction cell)	ug/L	20	19	97	85-115	

LABORATORY CONTROL SAMPLE: 229301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	44	109	85-115	
Boron	ug/L	20	22	108	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229302 229303

Parameter	Units	I080060009 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Selenium (reaction cell)	ug/L	2.3	20	21	20	91	91	85-115	0.7	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229302 229303

Parameter	Units	I080060009 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Aluminum	ug/L	1400	40	3100	3000	4293	4180	85-115	1.5	20 2
Boron	ug/L	1300	20	1400	1400	90	190	85-115	1.5	20 2

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6398**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 229305

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.6	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 229305

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6398
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	J1	10	ug/L	

LABORATORY CONTROL SAMPLE: 229306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	108	85-115	
Boron	ug/L	20	21	103	85-115	
Selenium (reaction cell)	ug/L	20	22	110	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229307 229308

Parameter	Units	I080079001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	15	40	63	61	119	114	85-115	3.7	20	3
Boron	ug/L	370	20	360	380	-16	59	85-115	4	20	2
Selenium (reaction cell)	ug/L	1.4	20	21	22	100	102	85-115	1.5	20	

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6420
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

METHOD BLANK: 229972

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	114	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6420
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229974 229975

Parameter	Units	I080060003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0028	0.02	0.026	.027	117	122	71-125	4.1	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229976 229977

Parameter	Units	I080060011 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0025	0.02	0.026	.027	117	122	71-125	3.8	20

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6426
Analysis Method:	EPA 1631E (filtered)	QC Batch Method:	EPA 1631E (filtered)

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6426
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

METHOD BLANK: 230185

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 230186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230187 230188

Parameter	Units	I080060006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0011	0.02	0.023	.023	109	107	71-125	1.4	20



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6426**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 230189 230190

Parameter	Units	I080060009 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0015	0.02	0.024	.023	111	109	71-125	1.5	20

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6427**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)**METHOD BLANK:** 230191

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 230192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230193 230194

Parameter	Units	I080060015 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0015	0.02	0.023	.023	109	108	71-125	0.4	20

Analysis Description: Metals Analysis by ICPMS, Dissolved**QC Batch:** MPR/6424**Analysis Method:** EPA 200.8 (filtered)**QC Batch Method:** EPA 200.8 (filtered)**METHOD BLANK:** 230177

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6424
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

LABORATORY CONTROL SAMPLE: 230178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	99	85-115	
Copper	ug/L	20	21	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230179 230180

Parameter	Units	I080060001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	3.5	20	23	23	99	99	85-115	0.1	20	
Copper	ug/L	1.2	20	21	21	99	100	85-115	0.7	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6425
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 230181

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 230182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	20	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230183 230184

Parameter	Units	I080139001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.5	20	22	22	96	96	85-115	0.5	20	
Copper	ug/L	1.5	20	21	21	98	96	85-115	2.4	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4490
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 227427

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 227428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	

SAMPLE DUPLICATE: 227429

Parameter	Units	I071113001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	13.01	13	2.5		

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4491
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 227438

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 227439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4491**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**SAMPLE DUPLICATE:** 227440

Parameter	Units	I080060015 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	37.8	36	3.9		

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4512**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 228453

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228455 228456

Parameter	Units	I071097001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.9	4.9	97	98	90-110	0.9	20	

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4513**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 228538

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4513
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

LABORATORY CONTROL SAMPLE: 228539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228540 228541

Parameter	Units	I080046003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.8	4.7	96	94	90-110	1.6	20

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4533
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 229551

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 229552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229553 229554

Parameter	Units	I080060001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	1.5	5	6.5	6.5	100	99	90-110	0.3	20

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4535
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 229666

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QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4535
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 229667

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229668 229669

Parameter	Units	I080060011 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.29	5	5.1	5.1	96	96	90-110	0.1	20

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4543
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 230253

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	JO.17	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 230254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.3	93	80-120	

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4544
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 230259

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4544
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	J0.23	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 230260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.5	95	80-120	

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4547
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 230586

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	J0.23	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 230587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230588 230589

Parameter	Units	I080060015 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	5	10	15	15	97	96	80-120	0.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230590 230591

Parameter	Units	I080139001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3	10	13	13	97	97	80-120	0.1	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080060

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1605
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 231505

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 231506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231507 231508

Parameter	Units	I080053001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	110	100	200	200	98	96	80-120	1	20	

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I080060

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 2 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.
- 3 High Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080060001	SJRDS-014	EPA 160.2 / SM2540D	BIO/5819		
I080060002	SJRDS-015	EPA 160.2 / SM2540D	BIO/5819		
I080060003	NWUS-015	EPA 160.2 / SM2540D	BIO/5819		
I080060004	NWUS-014	EPA 160.2 / SM2540D	BIO/5819		
I080060005	NWDS-015	EPA 160.2 / SM2540D	BIO/5819		
I080060006	SJRUS-015	EPA 160.2 / SM2540D	BIO/5819		
I080060007	NWDS-016	EPA 160.2 / SM2540D	BIO/5819		
I080060008	NWDS-016 DUP	EPA 160.2 / SM2540D	BIO/5819		
I080060009	SJRUS-016	EPA 160.2 / SM2540D	BIO/5819		
I080060010	DMC-004	EPA 160.2 / SM2540D	BIO/5819		
I080060011	NWUS-016	EPA 160.2 / SM2540D	BIO/5819		
I080060012	NWDS-017	EPA 160.2 / SM2540D	BIO/5819		
I080060013	SJRUS-017	EPA 160.2 / SM2540D	BIO/5819		
I080060014	SJRDS-016	EPA 160.2 / SM2540D	BIO/5819		
I080060015	SCL-004	EPA 160.2 / SM2540D	BIO/5819		
I080060001	SJRDS-014	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060002	SJRDS-015	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060003	NWUS-015	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060004	NWUS-014	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060005	NWDS-015	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060006	SJRUS-015	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060007	NWDS-016	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060008	NWDS-016 DUP	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060009	SJRUS-016	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060010	DMC-004	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060011	NWUS-016	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060012	NWDS-017	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060013	SJRUS-017	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060014	SJRDS-016	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060015	SCL-004	EPA 405.1 / SM5210B	BOD/3827	EPA 405.1 / SM5210B	BOD/3828
I080060001	SJRDS-014	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080060002	SJRDS-015	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060003	NWUS-015	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060004	NWUS-014	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060005	NWDS-015	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060006	SJRUS-015	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060007	NWDS-016	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060009	SJRUS-016	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060010	DMC-004	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060011	NWUS-016	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060012	NWDS-017	EPA 1631E	MPR/6420	EPA 1631E	MHG/2424
I080060001	SJRDS-014	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060002	SJRDS-015	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060003	NWUS-015	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060004	NWUS-014	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060005	NWDS-015	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060006	SJRUS-015	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060007	NWDS-016	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060008	NWDS-016 DUP	EPA 1631E	MPR/6426	EPA 1631E	MHG/2425
I080060008	NWDS-016 DUP	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060009	SJRUS-016	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060010	DMC-004	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060011	NWUS-016	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060012	NWDS-017	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060013	SJRUS-017	EPA 1631E	MPR/6426	EPA 1631E	MHG/2425
I080060013	SJRUS-017	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060014	SJRDS-016	EPA 1631E	MPR/6426	EPA 1631E	MHG/2425
I080060014	SJRDS-016	EPA 1631E (filtered)	MPR/6426	EPA 1631E (filtered)	MHG/2425
I080060015	SCL-004	EPA 1631E	MPR/6426	EPA 1631E	MHG/2425
I080060015	SCL-004	EPA 1631E (filtered)	MPR/6427	EPA 1631E (filtered)	MHG/2426
I080060002	SJRDS-015	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060003	NWUS-015	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060004	NWUS-014	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060005	NWDS-015	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080060006	SJRUS-015	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060007	NWDS-016	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060008	NWDS-016 DUP	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060009	SJRUS-016	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060010	DMC-004	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060011	NWUS-016	EPA 200.8	MPR/6397	EPA 200.8	MMS/4320
I080060012	NWDS-017	EPA 200.8	MPR/6398	EPA 200.8	MMS/4321
I080060013	SJRUS-017	EPA 200.8	MPR/6398	EPA 200.8	MMS/4321
I080060014	SJRDS-016	EPA 200.8	MPR/6398	EPA 200.8	MMS/4321
I080060015	SCL-004	EPA 200.8	MPR/6398	EPA 200.8	MMS/4321
I080060001	SJRDS-014	EPA 200.8	MPR/6402	EPA 200.8	MMS/4318
I080060001	SJRDS-014	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060002	SJRDS-015	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060003	NWUS-015	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060004	NWUS-014	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060005	NWDS-015	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060006	SJRUS-015	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060007	NWDS-016	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060008	NWDS-016 DUP	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060009	SJRUS-016	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060010	DMC-004	EPA 200.8 (filtered)	MPR/6424	EPA 200.8 (filtered)	MMS/4332
I080060011	NWUS-016	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080060012	NWDS-017	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080060013	SJRUS-017	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080060014	SJRDS-016	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080060015	SCL-004	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080060001	SJRDS-014	EPA 180.1	WET/4490		
I080060002	SJRDS-015	EPA 180.1	WET/4490		
I080060003	NWUS-015	EPA 180.1	WET/4490		
I080060004	NWUS-014	EPA 180.1	WET/4490		
I080060005	NWDS-015	EPA 180.1	WET/4490		
I080060006	SJRUS-015	EPA 180.1	WET/4490		
I080060007	NWDS-016	EPA 180.1	WET/4490		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080060008	NWDS-016 DUP	EPA 180.1	WET/4490		
I080060009	SJRUS-016	EPA 180.1	WET/4490		
I080060010	DMC-004	EPA 180.1	WET/4490		
I080060011	NWUS-016	EPA 180.1	WET/4490		
I080060012	NWDS-017	EPA 180.1	WET/4490		
I080060013	SJRUS-017	EPA 180.1	WET/4490		
I080060014	SJRDS-016	EPA 180.1	WET/4490		
I080060015	SCL-004	EPA 180.1	WET/4491		
I080060001	SJRDS-014	EPA 350.2 / SM4500C	WET/4512		
I080060004	NWUS-014	EPA 350.2 / SM4500C	WET/4512		
I080060005	NWDS-015	EPA 350.2 / SM4500C	WET/4512		
I080060006	SJRUS-015	EPA 350.2 / SM4500C	WET/4512		
I080060007	NWDS-016	EPA 350.2 / SM4500C	WET/4512		
I080060008	NWDS-016 DUP	EPA 350.2 / SM4500C	WET/4512		
I080060002	SJRDS-015	EPA 350.2 / SM4500C	WET/4513		
I080060003	NWUS-015	EPA 350.2 / SM4500C	WET/4513		
I080060009	SJRUS-016	EPA 350.2 / SM4500C	WET/4513		
I080060010	DMC-004	EPA 350.2 / SM4500C	WET/4513		
I080060011	NWUS-016	EPA 350.2 / SM4500C	WET/4513		
I080060012	NWDS-017	EPA 350.2 / SM4500C	WET/4513		
I080060013	SJRUS-017	EPA 350.2 / SM4500C	WET/4513		
I080060014	SJRDS-016	EPA 350.2 / SM4500C	WET/4513		
I080060015	SCL-004	EPA 350.2 / SM4500C	WET/4513		
I080060001	SJRDS-014	EPA 351.3 / SM4500C	WET/4533		
I080060002	SJRDS-015	EPA 351.3 / SM4500C	WET/4533		
I080060003	NWUS-015	EPA 351.3 / SM4500C	WET/4533		
I080060004	NWUS-014	EPA 351.3 / SM4500C	WET/4533		
I080060005	NWDS-015	EPA 351.3 / SM4500C	WET/4533		
I080060006	SJRUS-015	EPA 351.3 / SM4500C	WET/4533		
I080060007	NWDS-016	EPA 351.3 / SM4500C	WET/4533		
I080060008	NWDS-016 DUP	EPA 351.3 / SM4500C	WET/4533		
I080060009	SJRUS-016	EPA 351.3 / SM4500C	WET/4533		
I080060010	DMC-004	EPA 351.3 / SM4500C	WET/4533		
I080060011	NWUS-016	EPA 351.3 / SM4500C	WET/4535		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080060012	NWDS-017	EPA 351.3 / SM4500C	WET/4535		
I080060013	SJRUS-017	EPA 351.3 / SM4500C	WET/4535		
I080060014	SJRDS-016	EPA 351.3 / SM4500C	WET/4535		
I080060015	SCL-004	EPA 351.3 / SM4500C	WET/4535		
I080060001	SJRDS-014	EPA 415.1 / SM5310B	WET/4543		
I080060004	NWUS-014	EPA 415.1 / SM5310B	WET/4543		
I080060005	NWDS-015	EPA 415.1 / SM5310B	WET/4543		
I080060006	SJRUS-015	EPA 415.1 / SM5310B	WET/4543		
I080060002	SJRDS-015	EPA 415.1 / SM5310B	WET/4544		
I080060003	NWUS-015	EPA 415.1 / SM5310B	WET/4544		
I080060007	NWDS-016	EPA 415.1 / SM5310B	WET/4544		
I080060008	NWDS-016 DUP	EPA 415.1 / SM5310B	WET/4544		
I080060009	SJRUS-016	EPA 415.1 / SM5310B	WET/4544		
I080060010	DMC-004	EPA 415.1 / SM5310B	WET/4544		
I080060011	NWUS-016	EPA 415.1 / SM5310B	WET/4544		
I080060012	NWDS-017	EPA 415.1 / SM5310B	WET/4544		
I080060013	SJRUS-017	EPA 415.1 / SM5310B	WET/4544		
I080060014	SJRDS-016	EPA 415.1 / SM5310B	WET/4544		
I080060015	SCL-004	EPA 415.1 / SM5310B	WET/4547		
I080060001	SJRDS-014	EPA 130.2 / SM2340B	WTI/1605		
I080060002	SJRDS-015	EPA 130.2 / SM2340B	WTI/1605		
I080060003	NWUS-015	EPA 130.2 / SM2340B	WTI/1605		
I080060004	NWUS-014	EPA 130.2 / SM2340B	WTI/1605		
I080060005	NWDS-015	EPA 130.2 / SM2340B	WTI/1605		
I080060006	SJRUS-015	EPA 130.2 / SM2340B	WTI/1605		
I080060007	NWDS-016	EPA 130.2 / SM2340B	WTI/1605		
I080060008	NWDS-016 DUP	EPA 130.2 / SM2340B	WTI/1605		
I080060009	SJRUS-016	EPA 130.2 / SM2340B	WTI/1605		
I080060010	DMC-004	EPA 130.2 / SM2340B	WTI/1605		
I080060011	NWUS-016	EPA 130.2 / SM2340B	WTI/1605		
I080060012	NWDS-017	EPA 130.2 / SM2340B	WTI/1605		
I080060013	SJRUS-017	EPA 130.2 / SM2340B	WTI/1605		
I080060014	SJRDS-016	EPA 130.2 / SM2340B	WTI/1605		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080060

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080060015	SCL-004	EPA 130.2 / SM2340B	WTI/1605		

REPORT OF LABORATORY ANALYSIS

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Thursday, September 11, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I080487
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, August 12, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn



ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I080487

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I080487001	DMC-006	Water	8/11/2008 11:00	8/12/2008 07:33
I080487002	NWUS-018	Water	8/11/2008 11:30	8/12/2008 07:33
I080487003	SJRUS-019	Water	8/11/2008 12:00	8/12/2008 07:33
I080487004	SJRUS-019 DUP	Water	8/11/2008 12:15	8/12/2008 07:33
I080487005	NWDS-019	Water	8/11/2008 13:15	8/12/2008 07:33
I080487006	SJRDS-018	Water	8/11/2008 13:50	8/12/2008 07:33
I080487007	SCL-006	Water	8/11/2008 14:45	8/12/2008 07:33

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I080487

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAP requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487001	Date Collected:	8/11/2008 11:00	Matrix:	Water					
Sample ID:	DMC-006	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	6.0	mg/L	3	2.0	1			08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/12/08 12:35	BOD 3847	08/17/08 00:00	BOD 3848	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0007	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 12:57	MHG 2443	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0022	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 12:17	MHG 2443	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.9	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6470	08/30/08 01:39	MMS 4358	
Copper	1.2	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6470	08/30/08 01:39	MMS 4358	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	280	ug/L	10	0.20	2	08/20/08 00:00	MPR 6445	08/25/08 16:33	MMS 4342	
Boron	92	ug/L	10	0.70	1	08/20/08 00:00	MPR 6445	08/22/08 16:07	MMS 4342	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	J0.13	ug/L	0.20	0.060	1	08/20/08 00:00	MPR 6445	08/22/08 16:07	MMS 4342	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.35	mg/L	0.1	0.060	1			08/22/08 16:46	WET 4564	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		LHK	
Turbidity	7.0	NTU	0.05	0.020	1			08/12/08 10:59	WET 4534	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/21/08 00:00	WET 4552	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/20/08 00:00	WET 4555	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	230	mg/L	20	15	5			08/26/08 00:00	WTI 1606	

9/11/2008 14:06

REPORT OF LABORATORY ANALYSIS

Page 4 of 25

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID: I080487001	Date Collected:	8/11/2008 11:00	Matrix:	Water
Sample ID: DMC-006	Date Received:	8/12/2008 07:33		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080487002	Date Collected:	8/11/2008 11:30	Matrix:	Water
Sample ID: NWUS-018	Date Received:	8/12/2008 07:33		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	ND mg/L	3	2.0	1				08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/12/08 12:42	BOD 3847		08/17/08 00:00	BOD 3848	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: TLC			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0008 ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477		08/28/08 13:02	MHG 2443	
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: TLC			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0022 ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477		08/28/08 12:22	MHG 2443	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.8 ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6469		08/30/08 00:46	MMS 4357	
Copper	1.3 ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6469		08/30/08 00:46	MMS 4357	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	190 ug/L	10	0.20	2	08/20/08 00:00	MPR 6445		08/25/08 16:53	MMS 4342	
Boron	96 ug/L	10	0.70	1	08/20/08 00:00	MPR 6445		08/22/08 16:47	MMS 4342	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	10.12 ug/L	0.20	0.060	1	08/20/08 00:00	MPR 6445		08/22/08 16:47	MMS 4342	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.26 mg/L	0.1	0.060	1				08/22/08 16:46	WET 4564	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	7.5 NTU	0.05	0.020	1				08/12/08 11:01	WET 4534	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487002	Date Collected:	8/11/2008 11:30	Matrix:	Water					
Sample ID:	NWUS-018	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/21/08 00:00	WET 4552	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/20/08 00:00	WET 4556	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	200	mg/L	20	15	5			08/26/08 00:00	WTI 1606	

Lab ID:	I080487003	Date Collected:	8/11/2008 12:00	Matrix:	Water					
Sample ID:	SJRUS-019	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	34	mg/L	3	2.0	1			08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	14.7	mg/L	5	0.60	1	08/12/08 12:43	BOD 3847	08/17/08 00:00	BOD 3848	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: TLC				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0010	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 13:07	MHG 2443	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: TLC				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.0055	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 13:28	MHG 2443	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	5.4	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:24	MMS 4359	
Copper	1.5	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:24	MMS 4359	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8					Analyzed by: LM		
Aluminum	910	ug/L	10	1.0	10	08/20/08 00:00	MPR 6445	08/27/08 01:20	MMS 4342	
Boron	1300	ug/L	10	7.0	10	08/20/08 00:00	MPR 6445	08/27/08 01:20	MMS 4342	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8					Analyzed by: LM		

9/11/2008 14:06

REPORT OF LABORATORY ANALYSIS

Page 6 of 25

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487003	Date Collected:	8/11/2008 12:00	Matrix:	Water					
Sample ID:	SJRUS-019	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	2.4	ug/L	0.20	0.060	1	08/20/08 00:00	MPR 6445	08/22/08 16:53	MMS 4342	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: JDC			
Total Kjeldahl Nitrogen	1.1	mg/L	0.1	0.060	1			08/22/08 16:46	WET 4564	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	15	NTU	0.05	0.020	1			08/12/08 11:02	WET 4534	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/21/08 00:00	WET 4552	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	5.8	mg/L	0.5	0.10	1			08/20/08 00:00	WET 4556	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	490	mg/L	20	15	5			08/26/08 00:00	WTI 1606	

Lab ID:	I080487004	Date Collected:	8/11/2008 12:15	Matrix:	Water					
Sample ID:	SJRUS-019 DUP	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	15	mg/L	3	2.0	1			08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	J4.7	mg/L	5	0.60	1	08/12/08 12:48	BOD 3847	08/17/08 00:00	BOD 3848	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by: TLC			
		Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD			
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 13:12	MHG 2443	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by: TLC			
		Analytical Method:		EPA 1631E			Analyzed by: SMD			
Mercury	0.0049	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 14:03	MHG 2443	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by: UK			
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	5.5	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:31	MMS 4359	
Copper	1.4	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:31	MMS 4359	

9/11/2008 14:06

REPORT OF LABORATORY ANALYSIS

Page 7 of 25

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487004	Date Collected:	8/11/2008 12:15	Matrix:	Water					
Sample ID:	SJRUS-019 DUP	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	850	ug/L	10	1.0	10	08/20/08 00:00	MPR 6445	08/27/08 01:33	MMS 4342	
Boron	1200	ug/L	10	7.0	10	08/20/08 00:00	MPR 6445	08/27/08 01:33	MMS 4342	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.4	ug/L	0.20	0.060	1	08/20/08 00:00	MPR 6445	08/22/08 17:00	MMS 4342	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	1.2	mg/L	0.1	0.060	1			08/22/08 16:46	WET 4564	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	16	NTU	0.05	0.020	1			08/12/08 11:03	WET 4534	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/21/08 00:00	WET 4552	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.0	mg/L	0.5	0.10	1			08/20/08 00:00	WET 4556	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	420	mg/L	20	15	5			08/27/08 00:00	WTI 1608	

Lab ID:	I080487005	Date Collected:	8/11/2008 13:15	Matrix:	Water					
Sample ID:	NWDS-019	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	58	mg/L	3	2.0	1			08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/12/08 12:51	BOD 3847	08/17/08 00:00	BOD 3848	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0019	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 13:17	MHG 2443	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	

9/11/2008 14:06

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Page 8 of 25

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487005	Date Collected:	8/11/2008 13:15	Matrix:	Water					
Sample ID:	NWDS-019	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		SMD
Mercury	0.021	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 14:08	MHG 2443	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	2.8	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:37	MMS 4359	
Copper	1.1	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:37	MMS 4359	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	2100	ug/L	20	2.0	20	08/20/08 00:00	MPR 6445	08/25/08 17:32	MMS 4342	
Boron	160	ug/L	10	0.70	1	08/20/08 00:00	MPR 6445	08/27/08 01:47	MMS 4342	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	0.26	ug/L	0.20	0.060	1	08/20/08 00:00	MPR 6445	08/22/08 17:06	MMS 4342	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC
Total Kjeldahl Nitrogen	0.65	mg/L	0.1	0.060	1			08/22/08 16:46	WET 4564	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		LHK
Turbidity	38	NTU	0.1	0.040	2			08/12/08 11:06	WET 4534	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	10.055	mg/L	0.1	0.050	1			08/21/08 00:00	WET 4552	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	3.4	mg/L	0.5	0.10	1			08/20/08 00:00	WET 4556	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	180	mg/L	20	15	5			08/27/08 00:00	WTI 1608	

Lab ID:	I080487006	Date Collected:	8/11/2008 13:50	Matrix:	Water					
Sample ID:	SJRDS-018	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	120	mg/L	3	2.0	1			08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

9/11/2008 14:06

REPORT OF LABORATORY ANALYSIS

Page 9 of 25

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487007	Date Collected:	8/11/2008 14:45	Matrix:	Water					
Sample ID:	SCL-006	Date Received:	8/12/2008 07:33							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	41	mg/L	3	2.0	1			08/12/08 13:20	BIO 5856	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/12/08 12:59	BOD 3847	08/17/08 00:00	BOD 3848	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	TLC			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0014	ug/L	0.0005	0.00030	1	08/27/08 00:00	MPR 6477	08/28/08 13:23	MHG 2443	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0092	ug/L	0.0005	0.00030	1	09/02/08 00:00	MPR 6494	09/03/08 11:37	MHG 2445	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	3.1	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:04	MMS 4359	
Copper	1.3	ug/L	0.5	0.070	1	08/26/08 00:00	MPR 6471	08/30/08 04:04	MMS 4359	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1000	ug/L	10	1.0	10	08/20/08 00:00	MPR 6445	08/25/08 17:52	MMS 4342	
Boron	370	ug/L	10	2.8	4	08/20/08 00:00	MPR 6445	08/27/08 02:00	MMS 4342	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.78	ug/L	0.20	0.060	1	08/20/08 00:00	MPR 6445	08/22/08 17:39	MMS 4342	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	0.74	mg/L	0.1	0.060	1			08/25/08 16:53	WET 4565	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	22	NTU	0.1	0.040	2			08/12/08 11:13	WET 4534	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/21/08 00:00	WET 4552	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.6	mg/L	0.5	0.10	1			08/20/08 00:00	WET 4556	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	250	mg/L	20	15	5			08/27/08 00:00	WTI 1608	

9/11/2008 14:06

REPORT OF LABORATORY ANALYSIS

Page 11 of 25

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080487

Project ID DMC 18600161.10005

Lab ID:	I080487007	Date Collected:	8/11/2008 14:45	Matrix:	Water
Sample ID:	SCL-006	Date Received:	8/12/2008 07:33		

Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5856
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 228927

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Suspended Solids	ND	3	mg/L	

LABORATORY CONTROL SAMPLE: 228928

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	97	80-120	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3847
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 230565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	360	90	80-120	

SAMPLE DUPLICATE: 230566

Parameter	Units	I080001011 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	1380.63	1400	0.5	20	

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6445
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 230831

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.1	10	ug/L	
Boron	J0.9	10	ug/L	

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS	QC Batch: MPR/6445
Analysis Method: EPA 200.8	QC Batch Method: EPA 200.8

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Selenium (reaction cell)	ND	0.20	ug/L	

LABORATORY CONTROL SAMPLE: 230832

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	45	111	85-115	
Boron	ug/L	20	21	105	85-115	
Selenium (reaction cell)	ug/L	20	19	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230833 230834

Parameter	Units	I080487001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	92	20	110	110	114	114	85-115	0	20	
Selenium (reaction cell)	ug/L	0.13	20	20	20	99	100	85-115	0.4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230833 230834

Parameter	Units	I080487001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	280	40	640	660	903	969	85-115	4.1	20	1

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6477
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6477
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 231976

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6477**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**LABORATORY CONTROL SAMPLE:** 231977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231978 231979

Parameter	Units	I080443002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0057	0.02	0.03	.029	120	118	71-125	1.6	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231980 231981

Parameter	Units	I080487006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0013	0.02	0.024	.026	115	121	71-125	4.9	20

Analysis Description: Metals Analysis by ICPMS, Dissolved**QC Batch:** MPR/6469**Analysis Method:** EPA 200.8 (filtered)**QC Batch Method:** EPA 200.8 (filtered)**METHOD BLANK:** 231768

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	J0.2	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 231769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	99	85-115	
Copper	ug/L	20	20	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231770 231771

Parameter	Units	I080295001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Arsenic	ug/L	3.8	20	22	22	91	92	85-115	0.9	20

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6469
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231770 231771

Parameter	Units	I080295001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Copper	ug/L	0.2	20	19	19	92	93	85-115	0.5	20

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6470
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 231772

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	J0.3	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 231773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	19	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231774 231775

Parameter	Units	I080487001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Arsenic	ug/L	2.9	20	21	21	92	93	85-115	0.2	20
Copper	ug/L	1.2	20	20	20	93	94	85-115	0.8	20

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6471
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 231776

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	J0.2	0.5	ug/L	
Copper	ND	0.5	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6471
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

LABORATORY CONTROL SAMPLE: 231777

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	94	85-115	
Copper	ug/L	20	19	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231778 231779

Parameter	Units	I080487007 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	3.1	20	22	22	92	93	85-115	0.3	20	
Copper	ug/L	1.3	20	20	20	91	91	85-115	0.2	20	

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6494
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

METHOD BLANK: 232204

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 232205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232206 232207

Parameter	Units	I080606002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0028	0.02	0.025	.026	110	118	71-125	6.9	20	

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4534
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 229568

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis
Analysis Method: EPA 180.1

QC Batch: WET/4534
QC Batch Method: EPA 180.1

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 229569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4	101	90-110	

SAMPLE DUPLICATE: 229570

Parameter	Units	I080487001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	7	6.8	2.9		

Analysis Description: Nitrogen, Ammonia (as N)
Analysis Method: EPA 350.2 / SM4500C

QC Batch: WET/4552
QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 230866

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 230867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230868 230869

Parameter	Units	I080487001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.8	4.9	97	97	90-110	0.7	20	

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description: Total Organic Carbon Analysis	QC Batch: WET/4555
Analysis Method: EPA 415.1 / SM5310B	QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 230919

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	JO.23	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 230920

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.8	98	80-120	

Analysis Description: Total Organic Carbon Analysis	QC Batch: WET/4556
Analysis Method: EPA 415.1 / SM5310B	QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 230925

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	JO.21	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 230926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.5	95	80-120	

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4564
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 231490

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4564
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

LABORATORY CONTROL SAMPLE: 231491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.2	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231492 231493

Parameter	Units	I080318002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.33	5	5.4	5.4	102	102	90-110	0.6	20

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4565
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 231494

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 231495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.3	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231496 231497

Parameter	Units	I080527001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	2.9	5	8	8.1	102	103	90-110	0.8	20

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1606
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 231742



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080487

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1606
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 231743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1100	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231744 231745

Parameter	Units	I080120001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	52	100	150	150	100	100	80-120	0	20

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1608
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 231931

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 231932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1100	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231933 231934

Parameter	Units	I080487004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	420	500	980	920	112	100	80-120	6.3	20

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I080487

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080487

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080487001	DMC-006	EPA 160.2 / SM2540D	BIO/5856		
I080487002	NWUS-018	EPA 160.2 / SM2540D	BIO/5856		
I080487003	SJRUS-019	EPA 160.2 / SM2540D	BIO/5856		
I080487004	SJRUS-019 DUP	EPA 160.2 / SM2540D	BIO/5856		
I080487005	NWDS-019	EPA 160.2 / SM2540D	BIO/5856		
I080487006	SJRDS-018	EPA 160.2 / SM2540D	BIO/5856		
I080487007	SCL-006	EPA 160.2 / SM2540D	BIO/5856		
I080487001	DMC-006	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487002	NWUS-018	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487003	SJRUS-019	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487004	SJRUS-019 DUP	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487005	NWDS-019	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487006	SJRDS-018	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487007	SCL-006	EPA 405.1 / SM5210B	BOD/3847	EPA 405.1 / SM5210B	BOD/3848
I080487001	DMC-006	EPA 1631E	MPR/6477	EPA 1631E	MHG/2443
I080487001	DMC-006	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487002	NWUS-018	EPA 1631E	MPR/6477	EPA 1631E	MHG/2443
I080487002	NWUS-018	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487003	SJRUS-019	EPA 1631E	MPR/6477	EPA 1631E	MHG/2443
I080487003	SJRUS-019	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487004	SJRUS-019 DUP	EPA 1631E	MPR/6477	EPA 1631E	MHG/2443
I080487004	SJRUS-019 DUP	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487005	NWDS-019	EPA 1631E	MPR/6477	EPA 1631E	MHG/2443
I080487005	NWDS-019	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487006	SJRDS-018	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487007	SCL-006	EPA 1631E (filtered)	MPR/6477	EPA 1631E (filtered)	MHG/2443
I080487006	SJRDS-018	EPA 1631E	MPR/6494	EPA 1631E	MHG/2445
I080487007	SCL-006	EPA 1631E	MPR/6494	EPA 1631E	MHG/2445
I080487001	DMC-006	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342
I080487002	NWUS-018	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080487

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080487003	SJRUS-019	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342
I080487004	SJRUS-019 DUP	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342
I080487005	NWDS-019	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342
I080487006	SJRDS-018	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342
I080487007	SCL-006	EPA 200.8	MPR/6445	EPA 200.8	MMS/4342
I080487002	NWUS-018	EPA 200.8 (filtered)	MPR/6469	EPA 200.8 (filtered)	MMS/4357
I080487001	DMC-006	EPA 200.8 (filtered)	MPR/6470	EPA 200.8 (filtered)	MMS/4358
I080487003	SJRUS-019	EPA 200.8 (filtered)	MPR/6471	EPA 200.8 (filtered)	MMS/4359
I080487004	SJRUS-019 DUP	EPA 200.8 (filtered)	MPR/6471	EPA 200.8 (filtered)	MMS/4359
I080487005	NWDS-019	EPA 200.8 (filtered)	MPR/6471	EPA 200.8 (filtered)	MMS/4359
I080487006	SJRDS-018	EPA 200.8 (filtered)	MPR/6471	EPA 200.8 (filtered)	MMS/4359
I080487007	SCL-006	EPA 200.8 (filtered)	MPR/6471	EPA 200.8 (filtered)	MMS/4359
I080487001	DMC-006	EPA 180.1	WET/4534		
I080487002	NWUS-018	EPA 180.1	WET/4534		
I080487003	SJRUS-019	EPA 180.1	WET/4534		
I080487004	SJRUS-019 DUP	EPA 180.1	WET/4534		
I080487005	NWDS-019	EPA 180.1	WET/4534		
I080487006	SJRDS-018	EPA 180.1	WET/4534		
I080487007	SCL-006	EPA 180.1	WET/4534		
I080487001	DMC-006	EPA 350.2 / SM4500C	WET/4552		
I080487002	NWUS-018	EPA 350.2 / SM4500C	WET/4552		
I080487003	SJRUS-019	EPA 350.2 / SM4500C	WET/4552		
I080487004	SJRUS-019 DUP	EPA 350.2 / SM4500C	WET/4552		
I080487005	NWDS-019	EPA 350.2 / SM4500C	WET/4552		
I080487006	SJRDS-018	EPA 350.2 / SM4500C	WET/4552		
I080487007	SCL-006	EPA 350.2 / SM4500C	WET/4552		
I080487001	DMC-006	EPA 415.1 / SM5310B	WET/4555		
I080487002	NWUS-018	EPA 415.1 / SM5310B	WET/4555		
I080487003	SJRUS-019	EPA 415.1 / SM5310B	WET/4555		
I080487004	SJRUS-019 DUP	EPA 415.1 / SM5310B	WET/4555		
I080487005	NWDS-019	EPA 415.1 / SM5310B	WET/4555		
I080487006	SJRDS-018	EPA 415.1 / SM5310B	WET/4555		
I080487007	SCL-006	EPA 415.1 / SM5310B	WET/4555		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080487

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080487001	DMC-006	EPA 351.3 / SM4500C	WET/4564		
I080487002	NWUS-018	EPA 351.3 / SM4500C	WET/4564		
I080487003	SJRUS-019	EPA 351.3 / SM4500C	WET/4564		
I080487004	SJRUS-019 DUP	EPA 351.3 / SM4500C	WET/4564		
I080487005	NWDS-019	EPA 351.3 / SM4500C	WET/4564		
I080487006	SJRDS-018	EPA 351.3 / SM4500C	WET/4564		
I080487007	SCL-006	EPA 351.3 / SM4500C	WET/4565		
I080487001	DMC-006	EPA 130.2 / SM2340B	WTI/1606		
I080487002	NWUS-018	EPA 130.2 / SM2340B	WTI/1606		
I080487003	SJRUS-019	EPA 130.2 / SM2340B	WTI/1606		
I080487004	SJRUS-019 DUP	EPA 130.2 / SM2340B	WTI/1608		
I080487005	NWDS-019	EPA 130.2 / SM2340B	WTI/1608		
I080487006	SJRDS-018	EPA 130.2 / SM2340B	WTI/1608		
I080487007	SCL-006	EPA 130.2 / SM2340B	WTI/1608		



Thursday, September 11, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I071088
Project ID: DMC 18600161.10005

Collected By: SOPHIA ESPANOLA
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, July 31, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn



ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I071088001	NWUS-009	Water	7/30/2008 16:00	7/31/2008 11:45
I071088002	SCL-002	Water	7/30/2008 17:07	7/31/2008 11:45
I071088003	SJRDS-010	Water	7/30/2008 18:18	7/31/2008 11:45
I071088004	NWUS-010	Water	7/30/2008 19:36	7/31/2008 11:45
I071088005	SJUS-010	Water	7/30/2008 16:05	7/31/2008 11:45
I071088006	NWDS-010	Water	7/30/2008 16:05	7/31/2008 11:45
I071088007	NWDS-011	Water	7/30/2008 19:00	7/31/2008 11:45
I071088008	SJRUS-011	Water	7/30/2008 19:25	7/31/2008 11:45
I071088009	MWDS-012	Water	7/30/2008 23:53	7/31/2008 11:45
I071088010	SJRUS-012	Water	7/31/2008 00:10	7/31/2008 11:45
I071088011	SJRDS-011	Water	7/31/2008 00:15	7/31/2008 11:45
I071088012	NWUS-011	Water	7/31/2008 01:06	7/31/2008 11:45
I071088013	DMC-003	Water	7/31/2008 06:00	7/31/2008 11:45
I071088014	NWUS-012	Water	7/31/2008 06:37	7/31/2008 11:45
I071088015	SJRDS-012	Water	7/31/2008 07:20	7/31/2008 11:45
I071088016	SCL-003	Water	7/31/2008 08:10	7/31/2008 11:45
I071088017	NWDS-013	Water	7/31/2008 06:40	7/31/2008 11:45
I071088018	SJUS-013	Water	7/31/2008 07:10	7/31/2008 11:45

REPORT OF LABORATORY ANALYSIS

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**NARRATIVE**

Lab Order: I071088

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

Workorder Notes

As a courtesy, no charges were applied for turbidity analysis due to missed holdtime.

Report revised to provide results for mercury analysis on sample NWDS-013.

Qualifiers and Compound Notes

- 1 Analysis performed past regulatory holding time.
- 2 Sample pH was not less than 2.



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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088001	Date Collected:	7/30/2008 16:00	Matrix:	Water					
Sample ID:	NWUS-009	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	19	mg/L	3	2.0	1			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:08	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 11:00	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0039	ug/L	0.0005	0.00030	1	08/14/08 00:00	MPR 6400	08/15/08 10:44	MHG 2419	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.6	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 15:00	MMS 4312	
Copper	1.5	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 15:00	MMS 4312	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	720	ug/L	10	0.50	5	08/11/08 00:00	MPR 6386	08/14/08 21:10	MMS 4314	
Boron	130	ug/L	10	0.70	1	08/11/08 00:00	MPR 6386	08/14/08 22:16	MMS 4314	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	J0.18	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6386	08/13/08 22:47	MMS 4314	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		LHK	
Total Kjeldahl Nitrogen	1.1	mg/L	0.1	0.060	1			08/12/08 00:00	WET 4524	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	17	NTU	0.05	0.020	1			08/05/08 14:56	WET 4494	1
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	3.5	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	140	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 4 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID: I071088001	Date Collected:	7/30/2008 16:00	Matrix:	Water
Sample ID: NWUS-009	Date Received:	7/31/2008 11:45		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071088002	Date Collected:	7/30/2008 17:07	Matrix:	Water
Sample ID: SCL-002	Date Received:	7/31/2008 11:45		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	34 mg/L	6	4.0	2				08/01/08 10:38	BIO 5818	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	J4.9 mg/L	5	0.60	1	08/01/08 12:09	BOD 3825		08/06/08 00:00	BOD 3826	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: TLC		
Mercury	0.0021 ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412		08/16/08 11:15	MHG 2422	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0074 ug/L	0.0005	0.00030	1	08/14/08 00:00	MPR 6400		08/15/08 13:11	MHG 2419	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.5 ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376		08/16/08 15:20	MMS 4312	
Copper	1.7 ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376		08/16/08 15:20	MMS 4312	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	1100 ug/L	10	1.0	10	08/11/08 00:00	MPR 6386		08/14/08 21:30	MMS 4314	
Boron	540 ug/L	10	3.5	5	08/11/08 00:00	MPR 6386		08/14/08 21:36	MMS 4314	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	0.87 ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6386		08/14/08 00:20	MMS 4314	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	1.4 mg/L	0.1	0.060	1				08/13/08 00:00	WET 4525	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: NP		
Turbidity	23 NTU	0.1	0.040	2				08/05/08 15:03	WET 4494	1



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088002	Date Collected:	7/30/2008 17:07	Matrix:	Water					
Sample ID:	SCL-002	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.12	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.2	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	330	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071088003	Date Collected:	7/30/2008 18:18	Matrix:	Water					
Sample ID:	SJRDS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	230	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:12	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	TLC	
Mercury	0.0016	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 11:20	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.059	ug/L	0.0005	0.00030	1	08/14/08 00:00	MPR 6401	08/15/08 15:07	MHG 2421	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.6	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 15:26	MMS 4312	
Copper	1.1	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 15:26	MMS 4312	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	5100	ug/L	50	5.0	50	08/11/08 00:00	MPR 6387	08/19/08 15:47	MMS 4315	
Boron	490	ug/L	10	2.8	4	08/11/08 00:00	MPR 6387	08/19/08 15:00	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 6 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088003	Date Collected:	7/30/2008 18:18	Matrix:	Water					
Sample ID:	SJRDS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	1.1	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 21:16	MMS 4315	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	1.3	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: NP			
Turbidity	100	NTU	0.5	0.20	10			08/05/08 15:07	WET 4494	1
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	0.12	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	4.7	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	240	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071088004	Date Collected:	7/30/2008 19:36	Matrix:	Water					
Sample ID:	NWUS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	10	mg/L	3	2.0	1			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:16	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: TLC		
Mercury	0.0013	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 11:26	MHG 2422	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.0044	ug/L	0.0005	0.00030	1	08/14/08 00:00	MPR 6401	08/15/08 15:12	MHG 2421	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.6	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 15:53	MMS 4312	
Copper	1.4	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 15:53	MMS 4312	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 7 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088004	Date Collected:	7/30/2008 19:36	Matrix:	Water					
Sample ID:	NWUS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	700	ug/L	10	0.40	4	08/11/08 00:00	MPR 6387	08/19/08 15:27	MMS 4315	
Boron	120	ug/L	10	0.70	1	08/11/08 00:00	MPR 6387	08/17/08 20:56	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	10.19	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 20:56	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	0.40	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	NP	
Turbidity	15	NTU	0.05	0.020	1			08/05/08 15:09	WET 4494	1
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	240	mg/L	20	15	5			08/13/08 00:00	WTI 1601	

Lab ID:	I071088005	Date Collected:	7/30/2008 16:05	Matrix:	Water					
Sample ID:	SJUS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	60	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	6	mg/L	5	0.60	1	08/01/08 12:20	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 11:31	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088005	Date Collected:	7/30/2008 16:05	Matrix:	Water					
Sample ID:	SJUS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		SMD
Mercury	0.0053	ug/L	0.0005	0.00030	1	08/14/08 00:00	MPR 6401	08/15/08 15:17	MHG 2421	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	5.6	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 07:43	MMS 4331	
Copper	1.8	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 07:43	MMS 4331	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	1100	ug/L	10	1.0	10	08/11/08 00:00	MPR 6387	08/19/08 15:53	MMS 4315	
Boron	1200	ug/L	10	7.0	10	08/11/08 00:00	MPR 6387	08/19/08 15:53	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	2.3	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 21:23	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		LHK
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		NP
Turbidity	12	NTU	0.2	0.10	5			08/05/08 15:10	WET 4494	1
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	0.11	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	7.0	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	390	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071088006	Date Collected:	7/30/2008 16:05	Matrix:	Water					
Sample ID:	NWDS-010	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	590	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 9 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088007	Date Collected:	7/30/2008 19:00	Matrix:	Water					
Sample ID:	NWDS-011	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	680	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:27	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0013	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 11:41	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.14	ug/L	0.0010	0.00060	2	08/14/08 00:00	MPR 6401	08/15/08 14:27	MHG 2421	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	1.6	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 16:06	MMS 4312	
Copper	0.9	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 16:06	MMS 4312	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	12000	ug/L	100	10	100	08/11/08 00:00	MPR 6387	08/19/08 16:00	MMS 4315	
Boron	150	ug/L	10	0.70	1	08/11/08 00:00	MPR 6387	08/19/08 17:06	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	0.68	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 21:29	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		LHK	
Total Kjeldahl Nitrogen	2.3	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	270	NTU	1	0.50	25			08/05/08 15:16	WET 4494	1
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	0.26	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	4.0	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	210	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 11 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID: I071088007	Date Collected:	7/30/2008 19:00	Matrix:	Water
Sample ID: NWDS-011	Date Received:	7/31/2008 11:45		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071088008	Date Collected:	7/30/2008 19:25	Matrix:	Water
Sample ID: SJRUS-011	Date Received:	7/31/2008 11:45		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	18 mg/L	6	4.0	2				08/01/08 10:38	BIO 5818	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	6 mg/L	5	0.60	1	08/01/08 12:30	BOD 3825		08/06/08 00:00	BOD 3826	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: TLC		
Mercury	0.0014 ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412		08/16/08 11:46	MHG 2422	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.20 ug/L	0.0010	0.00060	2	08/14/08 00:00	MPR 6401		08/15/08 14:32	MHG 2421	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	5.1 ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376		08/16/08 16:13	MMS 4312	
Copper	1.8 ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376		08/16/08 16:13	MMS 4312	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	860 ug/L	10	0.50	5	08/13/08 00:00	MPR 6396		08/19/08 23:02	MMS 4319	
Boron	1300 ug/L	10	7.0	10	08/13/08 00:00	MPR 6396		08/20/08 00:34	MMS 4319	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	1.9 ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6396		08/20/08 00:40	MMS 4319	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	1.4 mg/L	0.1	0.060	1				08/13/08 00:00	WET 4525	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: NP		
Turbidity	13 NTU	0.05	0.020	1				08/05/08 15:17	WET 4494	1



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088008	Date Collected:	7/30/2008 19:25	Matrix:	Water					
Sample ID:	SJRUS-011	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP				
Ammonia (as N)	10.055	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL				
Total Organic Carbon	6.7	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP				
Hardness (as CaCO3)	400	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071088009	Date Collected:	7/30/2008 23:53	Matrix:	Water					
Sample ID:	MWDS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	570	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:35	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	UK		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	TLC	
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 12:06	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	TLC		
		Analytical Method:	EPA 1631E					Analyzed by:	TLC	
Mercury	0.096	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 10:27	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	1.7	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 16:19	MMS 4312	
Copper	0.9	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 16:19	MMS 4312	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	12000	ug/L	100	10	100	08/13/08 00:00	MPR 6396	08/19/08 23:08	MMS 4319	
Boron	160	ug/L	10	0.70	1	08/13/08 00:00	MPR 6396	08/22/08 12:23	MMS 4319	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

9/11/2008 14:29

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Page 13 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088009	Date Collected:	7/30/2008 23:53	Matrix:	Water					
Sample ID:	MWDS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	0.70	ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6396	08/18/08 04:25	MMS 4319	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	1.8	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: NP			
Turbidity	190	NTU	1	0.50	25			08/05/08 15:25	WET 4494	1
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	0.25	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	3.9	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	190	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071088010	Date Collected:	7/31/2008 00:10	Matrix:	Water					
Sample ID:	SJRUS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	54	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:37	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by: UK			
		Analytical Method:		EPA 1631E (filtered)			Analyzed by: TLC			
Mercury	0.0018	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 12:11	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by: TLC			
		Analytical Method:		EPA 1631E			Analyzed by: TLC			
Mercury	0.0062	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 10:32	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by: UK			
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	5.1	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 16:26	MMS 4312	
Copper	1.7	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6376	08/16/08 16:26	MMS 4312	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088010	Date Collected:	7/31/2008 00:10	Matrix:	Water					
Sample ID:	SJRUS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1300	ug/L	10	1.0	10	08/11/08 00:00	MPR 6387	08/19/08 16:06	MMS 4315	
Boron	1500	ug/L	10	7.0	10	08/11/08 00:00	MPR 6387	08/19/08 16:06	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	2.9	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 21:36	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.3	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	NP	
Turbidity	25	NTU	0.2	0.10	5			08/05/08 15:27	WET 4494	1
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.16	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	6.5	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	450	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071088011	Date Collected:	7/31/2008 00:15	Matrix:	Water					
Sample ID:	SJRDS-011	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	300	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:41	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 12:16	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 15 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088011	Date Collected:	7/31/2008 00:15	Matrix:	Water						
Sample ID:	SJRDS-011	Date Received:	7/31/2008 11:45								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual	
		Analytical Method:		EPA 1631E				Analyzed by:		TLC	
Mercury	0.059	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 10:53	MHG 2423	2	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK			
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:			LM
Arsenic	3.1	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 07:50	MMS 4331		
Copper	1.2	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6423	08/20/08 07:50	MMS 4331		
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK			
		Analytical Method:		EPA 200.8				Analyzed by:			LM
Aluminum	7000	ug/L	50	5.0	50	08/11/08 00:00	MPR 6387	08/19/08 16:13	MMS 4315		
Boron	560	ug/L	10	2.8	4	08/11/08 00:00	MPR 6387	08/19/08 17:12	MMS 4315		
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK			
		Analytical Method:		EPA 200.8				Analyzed by:			LM
Selenium (reaction cell)	1.2	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 21:43	MMS 4315		
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:			LHK
Total Kjeldahl Nitrogen	2.0	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525		
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:			NP
Turbidity	130	NTU	1	0.50	25			08/05/08 15:30	WET 4494	1	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:			NP
Ammonia (as N)	0.21	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511		
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:			AL
Total Organic Carbon	5.2	mg/L	0.5	0.10	1			08/12/08 00:00	WET 4529		
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:			NP
Hardness (as CaCO3)	300	mg/L	20	15	5			08/23/08 00:00	WTI 1603		

Lab ID:	I071088012	Date Collected:	7/31/2008 01:06	Matrix:	Water					
Sample ID:	NWUS-011	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	9.0	mg/L	3	2.0	1			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088013	Date Collected:	7/31/2008 06:00	Matrix:	Water					
Sample ID:	DMC-003	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	8.0	mg/L	3	2.0	1			08/01/08 10:38	BIO 5818	
Total Coliform & E. Coli Analysis		Prep Method:		SM20-9223			Prep by:		CM	
		Analytical Method:		SM20-9223			Analyzed by:		BCP	
E. Coli	9.8	MPN/100 mL	1.0	1.0	1	07/31/08 13:20	BML 3561	08/01/08 14:23	BML 3562	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:46	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0008	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 12:26	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		TLC	
		Analytical Method:		EPA 1631E			Analyzed by:		TLC	
Mercury	0.0025	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 10:58	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.4	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:40	MMS 4313	
Copper	1.4	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:40	MMS 4313	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	560	ug/L	10	0.40	4	08/11/08 00:00	MPR 6387	08/19/08 16:52	MMS 4315	
Boron	79	ug/L	10	0.70	1	08/11/08 00:00	MPR 6387	08/17/08 21:56	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	J0.14	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 21:56	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		LHK	
Total Kjeldahl Nitrogen	0.33	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	11	NTU	0.05	0.020	1			08/05/08 15:23	WET 4494	1
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4511	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 18 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088013	Date Collected:	7/31/2008 06:00	Matrix:	Water					
Sample ID:	DMC-003	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	180	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071088014	Date Collected:	7/31/2008 06:37			Matrix:	Water			
Sample ID:	NWUS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	ND	mg/L	3	2.0	1			08/01/08 10:38	BIO 5818	
Total Coliform & E. Coli Analysis		Prep Method:	SM20-9223			Prep by:	CM			
		Analytical Method:	SM20-9223					Analyzed by:	BCP	
E. Coli	5.2	MPN/100 mL	1.0	1.0	1	07/31/08 13:20	BML 3561	08/01/08 14:23	BML 3562	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:51	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	TLC	
Mercury	0.0009	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 12:31	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	TLC			
		Analytical Method:	EPA 1631E					Analyzed by:	TLC	
Mercury	0.0028	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 11:03	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.4	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:07	MMS 4313	
Copper	1.3	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:07	MMS 4313	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	560	ug/L	10	0.40	4	08/11/08 00:00	MPR 6387	08/19/08 16:59	MMS 4315	
Boron	76	ug/L	10	0.70	1	08/11/08 00:00	MPR 6387	08/17/08 22:22	MMS 4315	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 19 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088014	Date Collected:	7/31/2008 06:37	Matrix:	Water					
Sample ID:	NWUS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by: LM		
Selenium (reaction cell)	10.14	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 22:22	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK		
Total Kjeldahl Nitrogen	0.27	mg/L	0.1	0.060	1			08/13/08 00:00	WET 4525	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by: NP		
Turbidity	12	NTU	0.05	0.020	1			08/05/08 15:21	WET 4495	1
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL		
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP		
Hardness (as CaCO3)	200	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

Lab ID:	I071088015	Date Collected:	7/31/2008 07:20	Matrix:	Water					
Sample ID:	SJRDS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	250	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Total Coliform & E. Coli Analysis		Prep Method:		SM20-9223			Prep by:		CM	
		Analytical Method:		SM20-9223			Analyzed by:		BCP	
E. Coli	120	MPN/100 mL	1.0	1.0	1	07/31/08 13:20	BML 3561	08/01/08 14:23	BML 3562	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 12:55	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		TLC	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0015	ug/L	0.0005	0.00030	1	08/15/08 00:00	MPR 6412	08/16/08 12:36	MHG 2422	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		TLC	

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Page 20 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088015	Date Collected:	7/31/2008 07:20	Matrix:	Water					
Sample ID:	SJRDS-012	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury	0.040	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 11:08	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK	Analyzed by:	LM	
		Analytical Method:	EPA 200.8 (filtered)							
Arsenic	2.7	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:47	MMS 4313	
Copper	1.1	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:47	MMS 4313	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK	Analyzed by:	LM	
		Analytical Method:	EPA 200.8							
Aluminum	6600	ug/L	50	5.0	50	08/11/08 00:00	MPR 6387	08/19/08 16:26	MMS 4315	
Boron	680	ug/L	10	2.8	4	08/11/08 00:00	MPR 6387	08/19/08 17:25	MMS 4315	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK	Analyzed by:	LM	
		Analytical Method:	EPA 200.8							
Selenium (reaction cell)	1.6	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6387	08/17/08 22:29	MMS 4315	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
		Total Kjeldahl Nitrogen	1.7	mg/L	0.1					
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	NP	
		Turbidity	110	NTU	0.5					
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
		Ammonia (as N)	0.20	mg/L	0.1					
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
		Total Organic Carbon	4.6	mg/L	0.5					
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
		Hardness (as CaCO3)	300	mg/L	20					

Lab ID:	I071088016	Date Collected:	7/31/2008 08:10	Matrix:	Water					
Sample ID:	SCL-003	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	46	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 13:00	BOD 3825	08/06/08 00:00	BOD 3826	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088016	Date Collected:	7/31/2008 08:10	Matrix:	Water					
Sample ID:	SCL-003	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by: TLC				
		Analytical Method:	EPA 1631E (filtered)			Analyzed by: TLC				
	Mercury	0.0011 ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 12:03	MHG 2423	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by: TLC				
		Analytical Method:	EPA 1631E			Analyzed by: TLC				
	Mercury	0.0088 ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 11:13	MHG 2423	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by: UK				
		Analytical Method:	EPA 200.8 (filtered)			Analyzed by: LM				
	Arsenic	2.6 ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:54	MMS 4313	
Copper	1.8 ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 13:54	MMS 4313		
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by: UK				
		Analytical Method:	EPA 200.8			Analyzed by: LM				
	Aluminum	2000 ug/L	10	1.0	10	08/13/08 00:00	MPR 6396	08/19/08 23:15	MMS 4319	
Boron	400 ug/L	10	2.8	4	08/13/08 00:00	MPR 6396	08/22/08 12:30	MMS 4319		
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by: UK				
		Analytical Method:	EPA 200.8			Analyzed by: LM				
	Selenium (reaction cell)	0.89 ug/L	0.20	0.060	1	08/13/08 00:00	MPR 6396	08/18/08 04:31	MMS 4319	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C			Analyzed by: JDC				
	Total Kjeldahl Nitrogen	0.98 mg/L	0.1	0.060	1			08/13/08 18:06	WET 4530	
Turbidity Analysis		Analytical Method:	EPA 180.1			Analyzed by: NP				
	Turbidity	26 NTU	0.2	0.10	5			08/05/08 15:35	WET 4495	1
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C			Analyzed by: NP				
	Ammonia (as N)	0.088 mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B			Analyzed by: AL				
	Total Organic Carbon	4.0 mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B			Analyzed by: NP				
	Hardness (as CaCO3)	240 mg/L	20	15	5			08/23/08 00:00	WTI 1603	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088017	Date Collected:	7/31/2008 06:40	Matrix:	Water					
Sample ID:	NWDS-013	Date Received:	7/31/2008 11:45							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	460	mg/L	6	4.0	2			08/01/08 10:38	BIO 5818	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B				Prep by:	KMC		
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/01/08 13:02	BOD 3825	08/06/08 00:00	BOD 3826	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)				Prep by:	TLC		
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	TLC	
Mercury	0.0009	ug/L	0.0005	0.00030	1	08/16/08 00:00	MPR 6416	08/17/08 12:08	MHG 2423	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E				Prep by:	UK		
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.13	ug/L	0.0010	0.00060	2	09/08/08 00:00	MPR 6538	09/09/08 12:04	MHG 2453	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)				Prep by:	UK		
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	1.9	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 14:00	MMS 4313	
Copper	0.9	ug/L	0.5	0.070	1	08/08/08 00:00	MPR 6377	08/16/08 14:00	MMS 4313	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	11000	ug/L	100	10	100	08/11/08 00:00	MPR 6388	08/19/08 13:08	MMS 4316	
Boron	180	ug/L	10	0.70	1	08/11/08 00:00	MPR 6388	08/19/08 14:01	MMS 4316	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8				Prep by:	UK		
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.66	ug/L	0.20	0.060	1	08/11/08 00:00	MPR 6388	08/17/08 23:21	MMS 4316	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	1.8	mg/L	0.1	0.060	1			08/13/08 18:06	WET 4530	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	NP	
Turbidity	180	NTU	1	0.50	25			08/05/08 15:37	WET 4495	1
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.27	mg/L	0.1	0.050	1			08/08/08 00:00	WET 4512	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.7	mg/L	0.5	0.10	1			08/14/08 00:00	WET 4543	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	250	mg/L	20	15	5			08/23/08 00:00	WTI 1603	

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 23 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID: I071088017

Date Collected: 7/31/2008 06:40

Matrix: Water

Sample ID: NWDS-013

Date Received: 7/31/2008 11:45

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I071088018

Date Collected: 7/31/2008 07:10

Matrix: Water

Sample ID: SJUS-013

Date Received: 7/31/2008 11:45

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D					Analyzed by: AMS
Total Suspended Solids	44 mg/L	6	4.0	2		08/01/08 10:38 BIO 5818	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B				Prep by: KMC
	Analytical Method:	EPA 405.1 / SM5210B				Analyzed by: KMC
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/01/08 13:05 BOD 3825	08/06/08 00:00 BOD 3826

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)				Prep by: TLC
	Analytical Method:	EPA 1631E (filtered)				Analyzed by: TLC
Mercury	0.0014 ug/L	0.0005	0.00030	1	08/16/08 00:00 MPR 6416	08/17/08 12:13 MHG 2423

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E				Prep by: TLC
	Analytical Method:	EPA 1631E				Analyzed by: TLC
Mercury	0.0062 ug/L	0.0005	0.00030	1	08/16/08 00:00 MPR 6416	08/17/08 11:23 MHG 2423

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)				Prep by: UK
	Analytical Method:	EPA 200.8 (filtered)				Analyzed by: LM
Arsenic	5.0 ug/L	0.5	0.070	1	08/08/08 00:00 MPR 6377	08/17/08 19:50 MMS 4313
Copper	1.4 ug/L	0.5	0.070	1	08/08/08 00:00 MPR 6377	08/17/08 19:50 MMS 4313

Metals Analysis by ICPMS	Prep Method:	EPA 200.8				Prep by: UK
	Analytical Method:	EPA 200.8				Analyzed by: LM
Aluminum	1200 ug/L	10	1.0	10	08/13/08 00:00 MPR 6396	08/19/08 23:21 MMS 4319
Boron	1800 ug/L	10	7.0	10	08/13/08 00:00 MPR 6396	08/19/08 23:21 MMS 4319

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8				Prep by: UK
	Analytical Method:	EPA 200.8				Analyzed by: LM
Selenium (reaction cell)	3.8 ug/L	0.20	0.060	1	08/13/08 00:00 MPR 6396	08/18/08 04:38 MMS 4319

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C				Analyzed by: JDC
Total Kjeldahl Nitrogen	1.4 mg/L	0.1	0.060	1		08/13/08 18:06 WET 4530

Turbidity Analysis	Analytical Method:	EPA 180.1				Analyzed by: NP
Turbidity	21 NTU	0.1	0.040	2		08/05/08 15:20 WET 4495 1

9/11/2008 14:29

REPORT OF LABORATORY ANALYSIS

Page 24 of 49

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I071088

Project ID DMC 18600161.10005

Lab ID:	I071088018	Date Collected:	7/31/2008 07:10	Matrix:	Water
Sample ID:	SJUS-013	Date Received:	7/31/2008 11:45		
Parameters	Result Units	R. L.	MDL	DF Prepared	Batch Analyzed Batch Qual
Nitrogen, Ammonia (as N)	Analytical Method:	EPA 350.2 / SM4500C			Analyzed by: NP
Ammonia (as N)	0.16 mg/L	0.1	0.050	1	08/08/08 00:00 WET 4512
Total Organic Carbon Analysis	Analytical Method:	EPA 415.1 / SM5310B			Analyzed by: AL
Total Organic Carbon	6.2 mg/L	0.5	0.10	1	08/14/08 00:00 WET 4543
Hardness, as CaCO₃ by Titrimetric	Analytical Method:	EPA 130.2 / SM2340B			Analyzed by: NP
Hardness (as CaCO ₃)	460 mg/L	20	15	5	08/23/08 00:00 WTI 1603

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5818
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 226965

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Suspended Solids	ND	3	mg/L	

LABORATORY CONTROL SAMPLE: 226966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	98	80-120	

SAMPLE DUPLICATE: 227349

Parameter	Units	I070001031 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	334	330	1.8	20	

Analysis Description:	Total Coliform & E. Coli Analysis	QC Batch:	BML/3561
Analysis Method:	SM20-9223	QC Batch Method:	SM20-9223

METHOD BLANK: 227252

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
E. Coli	ND	1.0	MPN/100	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3825
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 228500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	90	80-120	

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3825
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

SAMPLE DUPLICATE: 228501

Parameter	Units	I070001031 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	1082.5	1100	0	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6376
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 228514

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 228515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	93	85-115	
Copper	ug/L	20	18	91	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228516 228517

Parameter	Units	I071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.6	20	21	21	93	92	85-115	1.8	20	
Copper	ug/L	1.5	20	19	19	90	88	85-115	1.9	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6377
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 228518

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	J0.1	0.5	ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6377
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

LABORATORY CONTROL SAMPLE: 228519

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	95	85-115	
Copper	ug/L	20	19	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228520 228521

Parameter	Units	I071088014 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.4	20	21	21	92	93	85-115	0.8	20	
Copper	ug/L	1.3	20	19	19	90	90	85-115	0.4	20	

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6386
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

METHOD BLANK: 228895

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	10.4	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 228895

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	ND	10	ug/L	

LABORATORY CONTROL SAMPLE: 228896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	45	113	85-115	
Selenium (reaction cell)	ug/L	20	20	101	85-115	

LABORATORY CONTROL SAMPLE: 228896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron	ug/L	20	21	103	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6386**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 228897 228898

Parameter	Units	I071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Selenium (reaction cell)	ug/L	0.18	20	21	20	103	100	85-115	2.7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228897 228898

Parameter	Units	I071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	720	40	2000	1900	3069	3050	85-115	0.4	20	3

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228897 228898

Parameter	Units	I071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	130	20	170	170	193	181	85-115	1.4	20	3

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6387**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 228899

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.3	10	ug/L	
Boron	J1	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

LABORATORY CONTROL SAMPLE: 228900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	39	97	85-115	
Boron	ug/L	20	19	95	85-115	
Selenium (reaction cell)	ug/L	20	22	109	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6387**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 228901 228902

Parameter	Units	I071088004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Boron	ug/L	120	20	140	140	85	94	85-115	1.3	20	
Selenium (reaction cell)	ug/L	0.19	20	22	22	109	108	85-115	0.9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228901 228902

Parameter	Units	I071088004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Aluminum	ug/L	700	40	1600	1600	2197	2285	85-115	2.2	20	3

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6388**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 228903

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	J0.4	10 ug/L	
Boron	J1	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 228904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	38	96	85-115	
Boron	ug/L	20	19	93	85-115	
Selenium (reaction cell)	ug/L	20	22	112	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228905 228906

Parameter	Units	I071111001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Aluminum	ug/L	2	40	40	40	95	95	85-115	0	20	
Boron	ug/L	4100	20	4100	4100	-50	-130	85-115	0.4	20	3
Selenium (reaction cell)	ug/L	0	20	19	20	97	99	85-115	2.1	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6400**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 229595

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 229596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229597 229598

Parameter	Units	I071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0039	0.02	0.026	.025	109	105	71-125	3.5 20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229599 229600

Parameter	Units	I080272002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0062	0.02	0.028	.027	107	102	71-125	3.4 20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6401**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 229601

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 229602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	108	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6401**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 229603 229604

Parameter	Units	I071067004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Mercury	ug/L	0.0015	0.02	0.022	.021	101	99	71-125	1.4	20	

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6396**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 229296

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.6	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

METHOD BLANK: 229296

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Boron	J2	10	ug/L	

LABORATORY CONTROL SAMPLE: 229297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	108	85-115	
Boron	ug/L	20	23	115	85-115	
Selenium (reaction cell)	ug/L	20	19	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229298 229299

Parameter	Units	I071113002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Boron	ug/L	86	20	120	120	151	152	85-115	0.2	20	3
Selenium (reaction cell)	ug/L	0.17	20	22	22	108	108	85-115	0.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229298 229299

Parameter	Units	I071113002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Aluminum	ug/L	640	40	1600	1600	2414	2491	85-115	1.9	20	3

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS
Analysis Method: EPA 200.8

QC Batch: MPR/6396
QC Batch Method: EPA 200.8

Analysis Description: Mercury Analysis, Trace Level
Analysis Method: EPA 1631E (filtered)

QC Batch: MPR/6412
QC Batch Method: EPA 1631E (filtered)

METHOD BLANK: 229918

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229919

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229920 229921

Parameter	Units	1080326001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0014	0.02	0.024	.024	114	114	71-125	0.4	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229922 229923

Parameter	Units	1071088001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0012	0.02	0.022	.024	106	113	71-125	5.5	20

Analysis Description: Mercury Analysis, Trace Level
Analysis Method: EPA 1631E (filtered)

QC Batch: MPR/6416
QC Batch Method: EPA 1631E (filtered)

Analysis Description: Mercury Analysis, Trace Level
Analysis Method: EPA 1631E

QC Batch: MPR/6416
QC Batch Method: EPA 1631E

METHOD BLANK: 229950

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6416**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 229951

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229952 229953

Parameter	Units	I071088012 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0028	0.02	0.023	.024	102	104	71-125	1.8	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229954 229955

Parameter	Units	I071113001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0038	0.02	0.024	.023	100	97	71-125	2.3	20

Analysis Description: Metals Analysis by ICPMS, Dissolved**QC Batch:** MPR/6423**Analysis Method:** EPA 200.8 (filtered)**QC Batch Method:** EPA 200.8 (filtered)**METHOD BLANK:** 230173

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 230174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	98	85-115	
Copper	ug/L	20	20	101	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6423
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230175 230176

Parameter	Units	I071113001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Arsenic	ug/L	2.7	20	22	22	97	98	85-115	0.3	20	
Copper	ug/L	1.6	20	22	21	100	99	85-115	0.4	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6538
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 233881

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 233882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233883 233884

Parameter	Units	I080856001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Mercury	ug/L	0.0006	0.02	0.023	.023	110	111	71-125	1.1	20	

Analysis Description: Turbidity Analysis	QC Batch: WET/4494
Analysis Method: EPA 180.1	QC Batch Method: EPA 180.1

METHOD BLANK: 227564

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4494**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**LABORATORY CONTROL SAMPLE:** 227565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	

SAMPLE DUPLICATE: 228211

Parameter	Units	I080139001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	10.16	10	2.7		

Analysis Description: Turbidity Analysis**QC Batch:** WET/4495**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**METHOD BLANK:** 227566

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 227567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	

SAMPLE DUPLICATE: 227568

Parameter	Units	I071088014 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	11.95	12	0.8	1	

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4511
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

METHOD BLANK: 228449

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228451 228452

Parameter	Units	I071072002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0.24	5	5.3	5.3	100	100	90-110	0.2	20	

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4512
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

METHOD BLANK: 228453

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228455 228456

Parameter	Units	I071097001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.9	4.9	97	98	90-110	0.9	20	

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4524
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 228957

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 228958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228959 228960

Parameter	Units	I071067002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	1.1	5	6.2	6.1	102	100	90-110	1.6	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4525
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 228965

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 228966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228967 228968

Parameter	Units	I071088002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	1.4	5	6.2	6	96	94	90-110	2	20	

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4529
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 229217

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	0.61	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 229218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229219 229220

Parameter	Units	I071072001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	5.1	10	14	14	86	87	80-120	0.4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229221 229222

Parameter	Units	I071088003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	4.7	10	14	14	91	92	80-120	1.2	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4530
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 229288

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 229289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	102	90-110	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4530
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229290 229291

Parameter	Units	I071098001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	1.8	5	6.9	6.9	102	101	90-110	0.3	20

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4543
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 230253

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	JO.17	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 230254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.3	93	80-120	

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1601
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 229192

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 229193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	104	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I071088

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1601
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229194 229195

Parameter	Units	I071035028 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	370	500	870	890	100	104	80-120	2.3	20

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1603
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 231326

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 231327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231328 231329

Parameter	Units	I071088005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	390	500	910	890	104	100	80-120	2.2	20

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QUALITY CONTROL DATA QUALIFIERS

Lab Order: I071088

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 Analysis performed past regulatory holding time.
- 3 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088001	NWUS-009	EPA 160.2 / SM2540D	BIO/5818		
I071088002	SCL-002	EPA 160.2 / SM2540D	BIO/5818		
I071088003	SJRDS-010	EPA 160.2 / SM2540D	BIO/5818		
I071088004	NWUS-010	EPA 160.2 / SM2540D	BIO/5818		
I071088005	SJUS-010	EPA 160.2 / SM2540D	BIO/5818		
I071088006	NWDS-010	EPA 160.2 / SM2540D	BIO/5818		
I071088007	NWDS-011	EPA 160.2 / SM2540D	BIO/5818		
I071088008	SJRUS-011	EPA 160.2 / SM2540D	BIO/5818		
I071088009	MWDS-012	EPA 160.2 / SM2540D	BIO/5818		
I071088010	SJRUS-012	EPA 160.2 / SM2540D	BIO/5818		
I071088011	SJRDS-011	EPA 160.2 / SM2540D	BIO/5818		
I071088012	NWUS-011	EPA 160.2 / SM2540D	BIO/5818		
I071088013	DMC-003	EPA 160.2 / SM2540D	BIO/5818		
I071088014	NWUS-012	EPA 160.2 / SM2540D	BIO/5818		
I071088015	SJRDS-012	EPA 160.2 / SM2540D	BIO/5818		
I071088016	SCL-003	EPA 160.2 / SM2540D	BIO/5818		
I071088017	NWDS-013	EPA 160.2 / SM2540D	BIO/5818		
I071088018	SJUS-013	EPA 160.2 / SM2540D	BIO/5818		
I071088013	DMC-003	SM20-9223	BML/3561	SM20-9223	BML/3562
I071088014	NWUS-012	SM20-9223	BML/3561	SM20-9223	BML/3562
I071088015	SJRDS-012	SM20-9223	BML/3561	SM20-9223	BML/3562
I071088001	NWUS-009	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088002	SCL-002	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088003	SJRDS-010	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088004	NWUS-010	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088005	SJUS-010	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088006	NWDS-010	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088007	NWDS-011	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088008	SJRUS-011	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088009	MWDS-012	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088010	SJRUS-012	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088011	SJRDS-011	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088012	NWUS-011	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088013	DMC-003	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088014	NWUS-012	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088015	SJRDS-012	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088016	SCL-003	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088017	NWDS-013	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088018	SJUS-013	EPA 405.1 / SM5210B	BOD/3825	EPA 405.1 / SM5210B	BOD/3826
I071088001	NWUS-009	EPA 1631E	MPR/6400	EPA 1631E	MHG/2419
I071088002	SCL-002	EPA 1631E	MPR/6400	EPA 1631E	MHG/2419
I071088003	SJRDS-010	EPA 1631E	MPR/6401	EPA 1631E	MHG/2421
I071088004	NWUS-010	EPA 1631E	MPR/6401	EPA 1631E	MHG/2421
I071088005	SJUS-010	EPA 1631E	MPR/6401	EPA 1631E	MHG/2421
I071088006	NWDS-010	EPA 1631E	MPR/6401	EPA 1631E	MHG/2421
I071088007	NWDS-011	EPA 1631E	MPR/6401	EPA 1631E	MHG/2421
I071088008	SJRUS-011	EPA 1631E	MPR/6401	EPA 1631E	MHG/2421
I071088001	NWUS-009	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088002	SCL-002	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088003	SJRDS-010	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088004	NWUS-010	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088005	SJUS-010	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088006	NWDS-010	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088007	NWDS-011	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088008	SJRUS-011	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088009	MWDS-012	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088010	SJRUS-012	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088011	SJRDS-011	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088012	NWUS-011	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088013	DMC-003	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088014	NWUS-012	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088015	SJRDS-012	EPA 1631E (filtered)	MPR/6412	EPA 1631E (filtered)	MHG/2422
I071088009	MWDS-012	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088010	SJRUS-012	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088011	SJRDS-011	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088012	NWUS-011	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088013	DMC-003	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088014	NWUS-012	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088015	SJRDS-012	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088016	SCL-003	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088016	SCL-003	EPA 1631E (filtered)	MPR/6416	EPA 1631E (filtered)	MHG/2423
I071088017	NWDS-013	EPA 1631E (filtered)	MPR/6416	EPA 1631E (filtered)	MHG/2423
I071088018	SJUS-013	EPA 1631E	MPR/6416	EPA 1631E	MHG/2423
I071088018	SJUS-013	EPA 1631E (filtered)	MPR/6416	EPA 1631E (filtered)	MHG/2423
I071088017	NWDS-013	EPA 1631E	MPR/6538	EPA 1631E	MHG/2453
I071088001	NWUS-009	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088002	SCL-002	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088003	SJRDS-010	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088004	NWUS-010	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088006	NWDS-010	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088007	NWDS-011	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088008	SJRUS-011	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088009	MWDS-012	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088010	SJRUS-012	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088012	NWUS-011	EPA 200.8 (filtered)	MPR/6376	EPA 200.8 (filtered)	MMS/4312
I071088013	DMC-003	EPA 200.8 (filtered)	MPR/6377	EPA 200.8 (filtered)	MMS/4313
I071088014	NWUS-012	EPA 200.8 (filtered)	MPR/6377	EPA 200.8 (filtered)	MMS/4313
I071088015	SJRDS-012	EPA 200.8 (filtered)	MPR/6377	EPA 200.8 (filtered)	MMS/4313
I071088016	SCL-003	EPA 200.8 (filtered)	MPR/6377	EPA 200.8 (filtered)	MMS/4313
I071088017	NWDS-013	EPA 200.8 (filtered)	MPR/6377	EPA 200.8 (filtered)	MMS/4313
I071088018	SJUS-013	EPA 200.8 (filtered)	MPR/6377	EPA 200.8 (filtered)	MMS/4313
I071088001	NWUS-009	EPA 200.8	MPR/6386	EPA 200.8	MMS/4314
I071088002	SCL-002	EPA 200.8	MPR/6386	EPA 200.8	MMS/4314
I071088003	SJRDS-010	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088004	NWUS-010	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088005	SJUS-010	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088007	NWDS-011	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088010	SJRUS-012	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088011	SJRDS-011	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088012	NWUS-011	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088013	DMC-003	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088014	NWUS-012	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088015	SJRDS-012	EPA 200.8	MPR/6387	EPA 200.8	MMS/4315
I071088017	NWDS-013	EPA 200.8	MPR/6388	EPA 200.8	MMS/4316
I071088006	NWDS-010	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071088008	SJRUS-011	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071088009	MWDS-012	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071088016	SCL-003	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071088018	SJUS-013	EPA 200.8	MPR/6396	EPA 200.8	MMS/4319
I071088005	SJUS-010	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331
I071088011	SJRDS-011	EPA 200.8 (filtered)	MPR/6423	EPA 200.8 (filtered)	MMS/4331
I071088001	NWUS-009	EPA 180.1	WET/4494		
I071088002	SCL-002	EPA 180.1	WET/4494		
I071088003	SJRDS-010	EPA 180.1	WET/4494		
I071088004	NWUS-010	EPA 180.1	WET/4494		
I071088005	SJUS-010	EPA 180.1	WET/4494		
I071088006	NWDS-010	EPA 180.1	WET/4494		
I071088007	NWDS-011	EPA 180.1	WET/4494		
I071088008	SJRUS-011	EPA 180.1	WET/4494		
I071088009	MWDS-012	EPA 180.1	WET/4494		
I071088010	SJRUS-012	EPA 180.1	WET/4494		
I071088011	SJRDS-011	EPA 180.1	WET/4494		
I071088012	NWUS-011	EPA 180.1	WET/4494		
I071088013	DMC-003	EPA 180.1	WET/4494		
I071088014	NWUS-012	EPA 180.1	WET/4495		
I071088015	SJRDS-012	EPA 180.1	WET/4495		
I071088016	SCL-003	EPA 180.1	WET/4495		
I071088017	NWDS-013	EPA 180.1	WET/4495		
I071088018	SJUS-013	EPA 180.1	WET/4495		
I071088001	NWUS-009	EPA 350.2 / SM4500C	WET/4511		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088002	SCL-002	EPA 350.2 / SM4500C	WET/4511		
I071088003	SJRDS-010	EPA 350.2 / SM4500C	WET/4511		
I071088004	NWUS-010	EPA 350.2 / SM4500C	WET/4511		
I071088005	SJUS-010	EPA 350.2 / SM4500C	WET/4511		
I071088006	NWDS-010	EPA 350.2 / SM4500C	WET/4511		
I071088007	NWDS-011	EPA 350.2 / SM4500C	WET/4511		
I071088008	SJRUS-011	EPA 350.2 / SM4500C	WET/4511		
I071088009	MWDS-012	EPA 350.2 / SM4500C	WET/4511		
I071088010	SJRUS-012	EPA 350.2 / SM4500C	WET/4511		
I071088011	SJRDS-011	EPA 350.2 / SM4500C	WET/4511		
I071088012	NWUS-011	EPA 350.2 / SM4500C	WET/4511		
I071088013	DMC-003	EPA 350.2 / SM4500C	WET/4511		
I071088014	NWUS-012	EPA 350.2 / SM4500C	WET/4512		
I071088015	SJRDS-012	EPA 350.2 / SM4500C	WET/4512		
I071088016	SCL-003	EPA 350.2 / SM4500C	WET/4512		
I071088017	NWDS-013	EPA 350.2 / SM4500C	WET/4512		
I071088018	SJUS-013	EPA 350.2 / SM4500C	WET/4512		
I071088001	NWUS-009	EPA 351.3 / SM4500C	WET/4524		
I071088002	SCL-002	EPA 351.3 / SM4500C	WET/4525		
I071088003	SJRDS-010	EPA 351.3 / SM4500C	WET/4525		
I071088004	NWUS-010	EPA 351.3 / SM4500C	WET/4525		
I071088005	SJUS-010	EPA 351.3 / SM4500C	WET/4525		
I071088006	NWDS-010	EPA 351.3 / SM4500C	WET/4525		
I071088007	NWDS-011	EPA 351.3 / SM4500C	WET/4525		
I071088008	SJRUS-011	EPA 351.3 / SM4500C	WET/4525		
I071088009	MWDS-012	EPA 351.3 / SM4500C	WET/4525		
I071088010	SJRUS-012	EPA 351.3 / SM4500C	WET/4525		
I071088011	SJRDS-011	EPA 351.3 / SM4500C	WET/4525		
I071088012	NWUS-011	EPA 351.3 / SM4500C	WET/4525		
I071088013	DMC-003	EPA 351.3 / SM4500C	WET/4525		
I071088014	NWUS-012	EPA 351.3 / SM4500C	WET/4525		
I071088001	NWUS-009	EPA 415.1 / SM5310B	WET/4529		
I071088002	SCL-002	EPA 415.1 / SM5310B	WET/4529		
I071088003	SJRDS-010	EPA 415.1 / SM5310B	WET/4529		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088004	NWUS-010	EPA 415.1 / SM5310B	WET/4529		
I071088005	SJUS-010	EPA 415.1 / SM5310B	WET/4529		
I071088006	NWDS-010	EPA 415.1 / SM5310B	WET/4529		
I071088007	NWDS-011	EPA 415.1 / SM5310B	WET/4529		
I071088008	SJRUS-011	EPA 415.1 / SM5310B	WET/4529		
I071088009	MWDS-012	EPA 415.1 / SM5310B	WET/4529		
I071088010	SJRUS-012	EPA 415.1 / SM5310B	WET/4529		
I071088011	SJRDS-011	EPA 415.1 / SM5310B	WET/4529		
I071088015	SJRDS-012	EPA 351.3 / SM4500C	WET/4530		
I071088016	SCL-003	EPA 351.3 / SM4500C	WET/4530		
I071088017	NWDS-013	EPA 351.3 / SM4500C	WET/4530		
I071088018	SJUS-013	EPA 351.3 / SM4500C	WET/4530		
I071088012	NWUS-011	EPA 415.1 / SM5310B	WET/4543		
I071088013	DMC-003	EPA 415.1 / SM5310B	WET/4543		
I071088014	NWUS-012	EPA 415.1 / SM5310B	WET/4543		
I071088015	SJRDS-012	EPA 415.1 / SM5310B	WET/4543		
I071088016	SCL-003	EPA 415.1 / SM5310B	WET/4543		
I071088017	NWDS-013	EPA 415.1 / SM5310B	WET/4543		
I071088018	SJUS-013	EPA 415.1 / SM5310B	WET/4543		
I071088001	NWUS-009	EPA 130.2 / SM2340B	WTI/1601		
I071088002	SCL-002	EPA 130.2 / SM2340B	WTI/1601		
I071088003	SJRDS-010	EPA 130.2 / SM2340B	WTI/1601		
I071088004	NWUS-010	EPA 130.2 / SM2340B	WTI/1601		
I071088005	SJUS-010	EPA 130.2 / SM2340B	WTI/1603		
I071088006	NWDS-010	EPA 130.2 / SM2340B	WTI/1603		
I071088007	NWDS-011	EPA 130.2 / SM2340B	WTI/1603		
I071088008	SJRUS-011	EPA 130.2 / SM2340B	WTI/1603		
I071088009	MWDS-012	EPA 130.2 / SM2340B	WTI/1603		
I071088010	SJRUS-012	EPA 130.2 / SM2340B	WTI/1603		
I071088011	SJRDS-011	EPA 130.2 / SM2340B	WTI/1603		
I071088012	NWUS-011	EPA 130.2 / SM2340B	WTI/1603		
I071088013	DMC-003	EPA 130.2 / SM2340B	WTI/1603		
I071088014	NWUS-012	EPA 130.2 / SM2340B	WTI/1603		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I071088

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I071088015	SJRDS-012	EPA 130.2 / SM2340B	WTI/1603		
I071088016	SCL-003	EPA 130.2 / SM2340B	WTI/1603		
I071088017	NWDS-013	EPA 130.2 / SM2340B	WTI/1603		
I071088018	SJUS-013	EPA 130.2 / SM2340B	WTI/1603		

REPORT OF LABORATORY ANALYSIS

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Friday, September 12, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I080139
Project ID: DMC 18600161.10005

Collected By: C.E.
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, August 05, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn



ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I080139

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I080139001	NWUS-017	Water	8/4/2008 12:30	8/5/2008 07:18
I080139002	DMC-005	Water	8/4/2008 13:15	8/5/2008 07:18
I080139003	SJRUS-018	Water	8/4/2008 14:05	8/5/2008 07:18
I080139004	NWDS-018	Water	8/4/2008 13:45	8/5/2008 07:18
I080139005	SJRDS-017	Water	8/4/2008 15:10	8/5/2008 07:18
I080139006	SCL-005	Water	8/4/2008 15:40	8/5/2008 07:18

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I080139

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAP requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080139

Project ID DMC 18600161.10005

Lab ID:	I080139001	Date Collected:	8/4/2008 12:30	Matrix:	Water					
Sample ID:	NWUS-017	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	11	mg/L	3	2.0	1			08/05/08 13:48	BIO 5826	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/05/08 13:21	BOD 3835	08/10/08 00:00	BOD 3836	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 14:21	MHG 2431	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0055	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6433	08/20/08 13:26	MHG 2430	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 01:14	MMS 4333	
Copper	1.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 01:14	MMS 4333	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	650	ug/L	10	0.40	4	08/15/08 00:00	MPR 6411	08/22/08 13:49	MMS 4324	
Boron	110	ug/L	10	0.70	1	08/15/08 00:00	MPR 6411	08/22/08 14:48	MMS 4324	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	J0.14	ug/L	0.20	0.060	1	08/15/08 00:00	MPR 6411	08/19/08 18:58	MMS 4324	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	0.53	mg/L	0.1	0.060	1			08/15/08 18:27	WET 4540	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	10	NTU	0.05	0.020	1			08/05/08 09:02	WET 4494	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/11/08 00:00	WET 4515	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/19/08 00:00	WET 4547	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	210	mg/L	20	15	5			08/26/08 00:00	WTI 1606	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080139

Project ID DMC 18600161.10005

Lab ID: I080139001	Date Collected:	8/4/2008 12:30	Matrix:	Water
Sample ID: NWUS-017	Date Received:	8/5/2008 07:18		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080139002	Date Collected:	8/4/2008 13:15	Matrix:	Water
Sample ID: DMC-005	Date Received:	8/5/2008 07:18		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	15 mg/L	3	2.0	1				08/05/08 13:48	BIO 5826	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/05/08 13:27	BOD 3835		08/10/08 00:00	BOD 3836	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0009 ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434		08/20/08 15:12	MHG 2431	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0040 ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6433		08/20/08 13:31	MHG 2430	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.6 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425		08/21/08 02:40	MMS 4333	
Copper	1.5 ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425		08/21/08 02:40	MMS 4333	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	690 ug/L	10	0.40	4	08/15/08 00:00	MPR 6411		08/22/08 13:55	MMS 4324	
Boron	130 ug/L	10	0.70	1	08/15/08 00:00	MPR 6411		08/19/08 19:04	MMS 4324	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: TLC			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	10.13 ug/L	0.20	0.060	1	08/15/08 00:00	MPR 6411		08/19/08 19:04	MMS 4324	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: LHK		
Total Kjeldahl Nitrogen	0.31 mg/L	0.1	0.060	1				08/15/08 00:00	WET 4541	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: LHK		
Turbidity	8.1 NTU	0.05	0.020	1				08/05/08 09:04	WET 4494	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080139

Project ID DMC 18600161.10005

Lab ID:	I080139002	Date Collected:	8/4/2008 13:15	Matrix:	Water					
Sample ID:	DMC-005	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/11/08 00:00	WET 4515	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			08/19/08 00:00	WET 4548	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	200	mg/L	20	15	5			08/26/08 00:00	WTI 1606	

Lab ID:	I080139003	Date Collected:	8/4/2008 14:05	Matrix:	Water					
Sample ID:	SJRUS-018	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	41	mg/L	3	2.0	1			08/05/08 13:48	BIO 5826	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/05/08 13:33	BOD 3835	08/10/08 00:00	BOD 3836	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0013	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 15:17	MHG 2431	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.0043	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 14:37	MHG 2431	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	4.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:46	MMS 4333	
Copper	2.0	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:46	MMS 4333	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1200	ug/L	10	1.0	10	08/15/08 00:00	MPR 6411	08/22/08 14:02	MMS 4324	
Boron	1000	ug/L	10	7.0	10	08/15/08 00:00	MPR 6411	08/22/08 14:02	MMS 4324	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

9/12/2008 09:04

REPORT OF LABORATORY ANALYSIS

Page 6 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080139

Project ID DMC 18600161.10005

Lab ID:	I080139003	Date Collected:	8/4/2008 14:05	Matrix:	Water					
Sample ID:	SJRUS-018	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	2.5	ug/L	0.20	0.060	1	08/15/08 00:00	MPR 6411	08/19/08 19:11	MMS 4324	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: LHK			
Total Kjeldahl Nitrogen	1.1	mg/L	0.1	0.060	1			08/15/08 00:00	WET 4541	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: LHK			
Turbidity	15	NTU	0.05	0.020	1			08/05/08 09:05	WET 4494	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/11/08 00:00	WET 4515	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	6.0	mg/L	0.5	0.10	1			08/19/08 00:00	WET 4548	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	330	mg/L	20	15	5			08/26/08 00:00	WTI 1606	

Lab ID:	I080139004	Date Collected:	8/4/2008 13:45	Matrix:	Water					
Sample ID:	NWDS-018	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	330	mg/L	6	4.0	2			08/05/08 13:48	BIO 5826	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/05/08 13:37	BOD 3835	08/10/08 00:00	BOD 3836	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0014	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 15:22	MHG 2431	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.082	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 14:42	MHG 2431	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.4	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:53	MMS 4333	
Copper	1	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:53	MMS 4333	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080139

Project ID DMC 18600161.10005

Lab ID:	I080139004	Date Collected:	8/4/2008 13:45	Matrix:	Water					
Sample ID:	NWDS-018	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	7400	ug/L	50	5.0	50	08/15/08 00:00	MPR 6411	08/22/08 14:08	MMS 4324	
Boron	180	ug/L	10	1.4	2	08/15/08 00:00	MPR 6411	08/22/08 15:01	MMS 4324	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	TLC			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.40	ug/L	0.20	0.060	1	08/15/08 00:00	MPR 6411	08/19/08 19:17	MMS 4324	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	LHK	
Total Kjeldahl Nitrogen	1.4	mg/L	0.1	0.060	1			08/15/08 00:00	WET 4541	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	LHK	
Turbidity	120	NTU	0.5	0.20	10			08/05/08 09:13	WET 4494	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	0.22	mg/L	0.1	0.050	1			08/11/08 00:00	WET 4515	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	4.1	mg/L	0.5	0.10	1			08/19/08 00:00	WET 4548	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	230	mg/L	20	15	5			08/26/08 00:00	WTI 1606	

Lab ID:	I080139005	Date Collected:	8/4/2008 15:10	Matrix:	Water					
Sample ID:	SJRDS-017	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	150	mg/L	3	2.0	1			08/05/08 13:48	BIO 5826	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/05/08 13:38	BOD 3835	08/10/08 00:00	BOD 3836	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 15:27	MHG 2431	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080139

Project ID DMC 18600161.10005

Lab ID:	I080139005	Date Collected:	8/4/2008 15:10	Matrix:	Water						
Sample ID:	SJRDS-017	Date Received:	8/5/2008 07:18								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual	
		Analytical Method:		EPA 1631E				Analyzed by:		SMD	
Mercury	0.033	ug/L	0.0005	0.00030	1	08/19/08 00:00	MPR 6434	08/20/08 15:02	MHG 2431		
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK			
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:			LM
Arsenic	3.5	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:59	MMS 4333		
Copper	1.4	ug/L	0.5	0.070	1	08/18/08 00:00	MPR 6425	08/21/08 02:59	MMS 4333		
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		TLC			
		Analytical Method:		EPA 200.8				Analyzed by:			LM
Aluminum	4100	ug/L	50	5.0	50	08/15/08 00:00	MPR 6411	08/22/08 14:15	MMS 4324		
Boron	730	ug/L	10	2.8	4	08/15/08 00:00	MPR 6411	08/22/08 15:08	MMS 4324		
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		TLC			
		Analytical Method:		EPA 200.8				Analyzed by:			LM
Selenium (reaction cell)	1.6	ug/L	0.20	0.060	1	08/15/08 00:00	MPR 6411	08/19/08 19:44	MMS 4324		
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:			JDC
Total Kjeldahl Nitrogen	1.6	mg/L	0.1	0.060	1			08/18/08 00:00	WET 4542		
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:			LHK
Turbidity	55	NTU	0.2	0.10	5			08/05/08 09:10	WET 4494		
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:			NP
Ammonia (as N)	10.077	mg/L	0.1	0.050	1			08/11/08 00:00	WET 4515		
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:			AL
Total Organic Carbon	4.8	mg/L	0.5	0.10	1			08/19/08 00:00	WET 4548		
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:			NP
Hardness (as CaCO3)	340	mg/L	20	15	5			08/26/08 00:00	WTI 1606		

Lab ID:	I080139006	Date Collected:	8/4/2008 15:40	Matrix:	Water					
Sample ID:	SCL-005	Date Received:	8/5/2008 07:18							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	51	mg/L	3	2.0	1			08/05/08 13:48	BIO 5826	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5826
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 227550

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 227551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	480	96	80-120	

SAMPLE DUPLICATE: 228145

Parameter	Units	I080139002 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	15	18	18	20	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3835
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 229879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	88	80-120	

SAMPLE DUPLICATE: 229880

Parameter	Units	I080004004 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	756.75	740	2.2	20	

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6411**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 229914

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	10.9	10	ug/L	
Boron	ND	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

LABORATORY CONTROL SAMPLE: 229915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	43	108	85-115	
Boron	ug/L	20	19	97	85-115	
Selenium (reaction cell)	ug/L	20	18	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 229916 229917

Parameter	Units	I080188002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Aluminum	ug/L	41	40	94	94	133	132	85-115	0.5	20	1
Boron	ug/L	800	20	790	790	-34	-56	85-115	0.6	20	2
Selenium (reaction cell)	ug/L	0.18	20	19	19	93	94	85-115	0.8	20	

Analysis Description: Metals Analysis by ICPMS, Dissolved**QC Batch:** MPR/6425**Analysis Method:** EPA 200.8 (filtered)**QC Batch Method:** EPA 200.8 (filtered)**METHOD BLANK:** 230181

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 230182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	20	99	85-115	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6425
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230183 230184

Parameter	Units	I080139001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Arsenic	ug/L	2.5	20	22	22	96	96	85-115	0.5	20	
Copper	ug/L	1.5	20	21	21	98	96	85-115	2.4	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6433
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 230432

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 230433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230436 230437

Parameter	Units	I080072008 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Mercury	ug/L	0.0006	0.02	0.023	.023	113	111	71-125	1.5	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6434
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6434
Analysis Method: EPA 1631E	QC Batch Method: EPA 1631E

METHOD BLANK: 230438

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6434**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 230439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230440 230441

Parameter	Units	I080139001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0012	0.02	0.024	.024	113	114	71-125	0.7	20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6439**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)**METHOD BLANK:** 230744

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 230745

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230746 230747

Parameter	Units	I080090001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0012	0.02	0.023	.023	107	110	71-125	2.7	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6443
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 230821

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 230822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	96	85-115	
Copper	ug/L	20	20	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230823 230824

Parameter	Units	I080139006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	3.2	20	22	22	95	96	85-115	1.3	20	
Copper	ug/L	2	20	21	21	93	93	85-115	0.6	20	

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4494
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 227564

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Turbidity	ND	0.05 NTU	

LABORATORY CONTROL SAMPLE: 227565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.1	102	90-110	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4494
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

SAMPLE DUPLICATE: 228211

Parameter	Units	I080139001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	10.16	10	2.7		

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4515
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

METHOD BLANK: 228693

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 228694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 228695 228696

Parameter	Units	I080173001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Ammonia (as N)	mg/L	14	5	19	19	109	106	90-110	0.6	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4540
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 230226

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4540
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

LABORATORY CONTROL SAMPLE: 230227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230228 230229

Parameter	Units	I080139001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.53	5	5.2	5.5	94	100	90-110	5.9	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4541
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 230230

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 230231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230232 230233

Parameter	Units	I080139002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.31	5	5.5	5.5	103	104	90-110	0.2	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4542
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 230234

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4542
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 230235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.2	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230236 230237

Parameter	Units	I080179001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	2.8	5	7.7	8	98	103	90-110	2.9	20

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4547
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 230586

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	JO.23	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 230587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230590 230591

Parameter	Units	I080139001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3	10	13	13	97	97	80-120	0.1	20

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description: Total Organic Carbon Analysis	QC Batch: WET/4548
Analysis Method: EPA 415.1 / SM5310B	QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 230592

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	JO.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 230593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.2	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230594 230595

Parameter	Units	I080139002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3	10	13	13	98	97	80-120	0.8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230596 230597

Parameter	Units	I080139003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	6	10	16	15	95	95	80-120	0.5	20	

Analysis Description: Total Organic Carbon Analysis	QC Batch: WET/4555
Analysis Method: EPA 415.1 / SM5310B	QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 230919

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	JO.23	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 230920

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.8	98	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080139

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1606
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 231742

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 231743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1100	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231744 231745

Parameter	Units	I080120001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	52	100	150	150	100	100	80-120	0	20	

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I080139

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 High Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.
- 2 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080139

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080139001	NWUS-017	EPA 160.2 / SM2540D	BIO/5826		
I080139002	DMC-005	EPA 160.2 / SM2540D	BIO/5826		
I080139003	SJRUS-018	EPA 160.2 / SM2540D	BIO/5826		
I080139004	NWDS-018	EPA 160.2 / SM2540D	BIO/5826		
I080139005	SJRDS-017	EPA 160.2 / SM2540D	BIO/5826		
I080139006	SCL-005	EPA 160.2 / SM2540D	BIO/5826		
I080139001	NWUS-017	EPA 405.1 / SM5210B	BOD/3835	EPA 405.1 / SM5210B	BOD/3836
I080139002	DMC-005	EPA 405.1 / SM5210B	BOD/3835	EPA 405.1 / SM5210B	BOD/3836
I080139003	SJRUS-018	EPA 405.1 / SM5210B	BOD/3835	EPA 405.1 / SM5210B	BOD/3836
I080139004	NWDS-018	EPA 405.1 / SM5210B	BOD/3835	EPA 405.1 / SM5210B	BOD/3836
I080139005	SJRDS-017	EPA 405.1 / SM5210B	BOD/3835	EPA 405.1 / SM5210B	BOD/3836
I080139006	SCL-005	EPA 405.1 / SM5210B	BOD/3835	EPA 405.1 / SM5210B	BOD/3836
I080139001	NWUS-017	EPA 1631E	MPR/6433	EPA 1631E	MHG/2430
I080139002	DMC-005	EPA 1631E	MPR/6433	EPA 1631E	MHG/2430
I080139001	NWUS-017	EPA 1631E (filtered)	MPR/6434	EPA 1631E (filtered)	MHG/2431
I080139002	DMC-005	EPA 1631E (filtered)	MPR/6434	EPA 1631E (filtered)	MHG/2431
I080139003	SJRUS-018	EPA 1631E	MPR/6434	EPA 1631E	MHG/2431
I080139003	SJRUS-018	EPA 1631E (filtered)	MPR/6434	EPA 1631E (filtered)	MHG/2431
I080139004	NWDS-018	EPA 1631E	MPR/6434	EPA 1631E	MHG/2431
I080139004	NWDS-018	EPA 1631E (filtered)	MPR/6434	EPA 1631E (filtered)	MHG/2431
I080139005	SJRDS-017	EPA 1631E	MPR/6434	EPA 1631E	MHG/2431
I080139005	SJRDS-017	EPA 1631E (filtered)	MPR/6434	EPA 1631E (filtered)	MHG/2431
I080139006	SCL-005	EPA 1631E	MPR/6434	EPA 1631E	MHG/2431
I080139006	SCL-005	EPA 1631E (filtered)	MPR/6439	EPA 1631E (filtered)	MHG/2432
I080139001	NWUS-017	EPA 200.8	MPR/6411	EPA 200.8	MMS/4324
I080139002	DMC-005	EPA 200.8	MPR/6411	EPA 200.8	MMS/4324
I080139003	SJRUS-018	EPA 200.8	MPR/6411	EPA 200.8	MMS/4324
I080139004	NWDS-018	EPA 200.8	MPR/6411	EPA 200.8	MMS/4324
I080139005	SJRDS-017	EPA 200.8	MPR/6411	EPA 200.8	MMS/4324
I080139006	SCL-005	EPA 200.8	MPR/6411	EPA 200.8	MMS/4324



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080139

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080139001	NWUS-017	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080139002	DMC-005	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080139003	SJRUS-018	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080139004	NWDS-018	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080139005	SJRDS-017	EPA 200.8 (filtered)	MPR/6425	EPA 200.8 (filtered)	MMS/4333
I080139006	SCL-005	EPA 200.8 (filtered)	MPR/6443	EPA 200.8 (filtered)	MMS/4340
I080139001	NWUS-017	EPA 180.1	WET/4494		
I080139002	DMC-005	EPA 180.1	WET/4494		
I080139003	SJRUS-018	EPA 180.1	WET/4494		
I080139004	NWDS-018	EPA 180.1	WET/4494		
I080139005	SJRDS-017	EPA 180.1	WET/4494		
I080139006	SCL-005	EPA 180.1	WET/4494		
I080139001	NWUS-017	EPA 350.2 / SM4500C	WET/4515		
I080139002	DMC-005	EPA 350.2 / SM4500C	WET/4515		
I080139003	SJRUS-018	EPA 350.2 / SM4500C	WET/4515		
I080139004	NWDS-018	EPA 350.2 / SM4500C	WET/4515		
I080139005	SJRDS-017	EPA 350.2 / SM4500C	WET/4515		
I080139006	SCL-005	EPA 350.2 / SM4500C	WET/4515		
I080139001	NWUS-017	EPA 351.3 / SM4500C	WET/4540		
I080139002	DMC-005	EPA 351.3 / SM4500C	WET/4541		
I080139003	SJRUS-018	EPA 351.3 / SM4500C	WET/4541		
I080139004	NWDS-018	EPA 351.3 / SM4500C	WET/4541		
I080139005	SJRDS-017	EPA 351.3 / SM4500C	WET/4542		
I080139006	SCL-005	EPA 351.3 / SM4500C	WET/4542		
I080139001	NWUS-017	EPA 415.1 / SM5310B	WET/4547		
I080139002	DMC-005	EPA 415.1 / SM5310B	WET/4548		
I080139003	SJRUS-018	EPA 415.1 / SM5310B	WET/4548		
I080139004	NWDS-018	EPA 415.1 / SM5310B	WET/4548		
I080139005	SJRDS-017	EPA 415.1 / SM5310B	WET/4548		
I080139006	SCL-005	EPA 415.1 / SM5310B	WET/4555		
I080139001	NWUS-017	EPA 130.2 / SM2340B	WTI/1606		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080139

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080139002	DMC-005	EPA 130.2 / SM2340B	WTI/1606		
I080139003	SJRUS-018	EPA 130.2 / SM2340B	WTI/1606		
I080139004	NWDS-018	EPA 130.2 / SM2340B	WTI/1606		
I080139005	SJRDS-017	EPA 130.2 / SM2340B	WTI/1606		
I080139006	SCL-005	EPA 130.2 / SM2340B	WTI/1606		

REPORT OF LABORATORY ANALYSIS

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Wednesday, September 17, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I080962
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #:

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, August 26, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

REPORT OF LABORATORY ANALYSIS



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ENVIRONMENTAL ANALYSES

SAMPLE SUMMARY

Lab Order: I080962

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I080962001	DMC-008	Water	8/25/2008 10:10	8/26/2008 07:12
I080962002	NWUS-020	Water	8/25/2008 10:30	8/26/2008 07:12
I080962003	NWDS-021	Water	8/25/2008 12:30	8/26/2008 07:12
I080962004	SJRUS-021	Water	8/25/2008 11:40	8/26/2008 07:12
I080962005	SJRDS-020	Water	8/25/2008 14:00	8/26/2008 07:12
I080962006	SCL-008	Water	8/25/2008 14:45	8/26/2008 07:12
I080962007	SCL-008 DUP	Water	8/25/2008 14:55	8/26/2008 07:12

REPORT OF LABORATORY ANALYSIS

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ENVIRONMENTAL ANALYSES

NARRATIVE

Lab Order: I080962

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAP requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962001	Date Collected:	8/25/2008 10:10			Matrix:	Water			
Sample ID:	DMC-008	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by:		AMS
Total Suspended Solids	6.0	mg/L	3	2.0	1			08/26/08 12:59	BIO 5901	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC		
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by:		KMC
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/26/08 12:19	BOD 3875	08/31/08 00:00	BOD 3876	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by:		UK		
	Analytical Method:		EPA 1631E (filtered)					Analyzed by:		SMD
Mercury	0.0009	ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544	09/10/08 12:07	MHG 2455	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by:		UK		
	Analytical Method:		EPA 1631E					Analyzed by:		SMD
Mercury	0.0027	ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544	09/10/08 13:03	MHG 2455	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by:		UK		
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by:		LM
Arsenic	2.7	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 03:54	MMS 4390	
Copper	1.4	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 03:54	MMS 4390	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by:		UK		
	Analytical Method:		EPA 200.8					Analyzed by:		LM
Aluminum	330	ug/L	10	0.20	2	09/08/08 00:00	MPR 6532	09/11/08 23:37	MMS 4399	
Boron	96	ug/L	10	0.70	1	09/08/08 00:00	MPR 6532	09/11/08 21:25	MMS 4399	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by:		UK		
	Analytical Method:		EPA 200.8					Analyzed by:		LM
Selenium (reaction cell)	J0.12	ug/L	0.20	0.060	1	09/08/08 00:00	MPR 6532	09/11/08 21:25	MMS 4399	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C					Analyzed by:		JDC
Total Kjeldahl Nitrogen	0.53	mg/L	0.1	0.060	1			09/09/08 14:58	WET 4622	
Turbidity Analysis	Analytical Method:		EPA 180.1					Analyzed by:		NP
Turbidity	7.2	NTU	0.05	0.020	1			08/27/08 09:17	WET 4572	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:		NP
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/29/08 00:00	WET 4589	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:		AL
Total Organic Carbon	J3.1	mg/L	5	1.0	10			09/04/08 00:00	WET 4614	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:		NP
Hardness (as CaCO3)	96	mg/L	5	3.0	1			09/13/08 00:00	WTI 1623	

9/17/2008 09:21

REPORT OF LABORATORY ANALYSIS

Page 4 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID: I080962001	Date Collected:	8/25/2008 10:10	Matrix:	Water
Sample ID: DMC-008	Date Received:	8/26/2008 07:12		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080962002	Date Collected:	8/25/2008 10:30	Matrix:	Water
Sample ID: NWUS-020	Date Received:	8/26/2008 07:12		

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	8.0 mg/L	3	2.0	1				08/26/08 12:59	BIO 5901	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/26/08 12:24	BOD 3875		08/31/08 00:00	BOD 3876	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0019 ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544		09/10/08 12:12	MHG 2455	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0027 ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544		09/10/08 13:08	MHG 2455	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.7 ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519		09/12/08 04:14	MMS 4390	
Copper	1.4 ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519		09/12/08 04:14	MMS 4390	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	290 ug/L	10	0.20	2	09/08/08 00:00	MPR 6532		09/11/08 23:57	MMS 4399	
Boron	97 ug/L	10	0.70	1	09/08/08 00:00	MPR 6532		09/11/08 22:05	MMS 4399	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	10.13 ug/L	0.20	0.060	1	09/08/08 00:00	MPR 6532		09/11/08 22:05	MMS 4399	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.54 mg/L	0.1	0.060	1				09/09/08 14:58	WET 4622	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: NP		
Turbidity	6.8 NTU	0.05	0.020	1				08/27/08 09:18	WET 4572	



ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962002	Date Collected:	8/25/2008 10:30	Matrix:	Water					
Sample ID:	NWUS-020	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/29/08 00:00	WET 4589	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			09/04/08 00:00	WET 4614	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	92	mg/L	5	3.0	1			09/13/08 00:00	WTI 1623	

Lab ID:	I080962003	Date Collected:	8/25/2008 12:30	Matrix:	Water					
Sample ID:	NWDS-021	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	100	mg/L	3	2.0	1			08/26/08 12:59	BIO 5901	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/26/08 12:34	BOD 3875	08/31/08 00:00	BOD 3876	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.0017	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6555	09/11/08 10:37	MHG 2456	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.020	ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544	09/10/08 13:13	MHG 2455	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.7	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 04:21	MMS 4390	
Copper	1.1	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 04:21	MMS 4390	
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	2300	ug/L	20	2.0	20	09/08/08 00:00	MPR 6532	09/12/08 00:03	MMS 4399	
Boron	130	ug/L	10	0.70	1	09/08/08 00:00	MPR 6532	09/11/08 22:11	MMS 4399	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	

9/17/2008 09:21

REPORT OF LABORATORY ANALYSIS

Page 6 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962003	Date Collected:	8/25/2008 12:30	Matrix:	Water					
Sample ID:	NWDS-021	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	0.23	ug/L	0.20	0.060	1	09/08/08 00:00	MPR 6532	09/11/08 22:11	MMS 4399	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: JDC			
Total Kjeldahl Nitrogen	0.76	mg/L	0.1	0.060	1			09/09/08 14:58	WET 4622	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: NP			
Turbidity	37	NTU	0.1	0.040	2			08/27/08 09:22	WET 4572	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	0.099	mg/L	0.1	0.050	1			08/29/08 00:00	WET 4589	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL			
Total Organic Carbon	3.3	mg/L	0.5	0.10	1			09/04/08 00:00	WET 4614	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP			
Hardness (as CaCO3)	140	mg/L	20	15	5			09/13/08 00:00	WTI 1623	

Lab ID:	I080962004	Date Collected:	8/25/2008 11:40	Matrix:	Water					
Sample ID:	SJRUS-021	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	62	mg/L	3	2.0	1			08/26/08 12:59	BIO 5901	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/26/08 12:29	BOD 3875	08/31/08 00:00	BOD 3876	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6555	09/11/08 11:47	MHG 2456	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0068	ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544	09/10/08 13:18	MHG 2455	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	5.7	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 04:27	MMS 4390	
Copper	1.5	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 04:27	MMS 4390	

9/17/2008 09:21

REPORT OF LABORATORY ANALYSIS

Page 7 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962004	Date Collected:	8/25/2008 11:40	Matrix:	Water					
Sample ID:	SJRUS-021	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	1700	ug/L	10	1.0	10	09/08/08 00:00	MPR 6532	09/12/08 00:10	MMS 4399	
Boron	860	ug/L	10	7.0	10	09/08/08 00:00	MPR 6532	09/12/08 00:10	MMS 4399	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	1.5	ug/L	0.20	0.060	1	09/08/08 00:00	MPR 6532	09/11/08 22:18	MMS 4399	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	1.3	mg/L	0.1	0.060	1			09/09/08 14:58	WET 4622	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	NP	
Turbidity	43	NTU	0.2	0.10	5			08/27/08 09:20	WET 4572	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/29/08 00:00	WET 4589	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	5.9	mg/L	0.5	0.10	1			09/04/08 00:00	WET 4614	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	360	mg/L	20	15	5			09/13/08 00:00	WTI 1623	

Lab ID:	I080962005	Date Collected:	8/25/2008 14:00	Matrix:	Water					
Sample ID:	SJRDS-020	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	80	mg/L	3	2.0	1			08/26/08 12:59	BIO 5901	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/26/08 12:37	BOD 3875	08/31/08 00:00	BOD 3876	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0013	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6555	09/11/08 12:43	MHG 2456	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	

9/17/2008 09:21

REPORT OF LABORATORY ANALYSIS

Page 8 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962005	Date Collected:	8/25/2008 14:00	Matrix:	Water					
Sample ID:	SJRDS-020	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
		Analytical Method:		EPA 1631E				Analyzed by:		SMD
Mercury	0.022	ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544	09/10/08 13:23	MHG 2455	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK		
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM
Arsenic	3.4	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 04:34	MMS 4390	
Copper	1.2	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 04:34	MMS 4390	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Aluminum	1800	ug/L	10	1.0	10	09/08/08 00:00	MPR 6532	09/12/08 00:16	MMS 4399	
Boron	360	ug/L	10	1.4	2	09/08/08 00:00	MPR 6532	09/12/08 00:56	MMS 4399	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK		
		Analytical Method:		EPA 200.8				Analyzed by:		LM
Selenium (reaction cell)	0.54	ug/L	0.20	0.060	1	09/08/08 00:00	MPR 6532	09/11/08 22:24	MMS 4399	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC
Total Kjeldahl Nitrogen	0.90	mg/L	0.1	0.060	1			09/09/08 14:58	WET 4622	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by:		NP
Turbidity	37	NTU	0.1	0.040	2			08/27/08 09:23	WET 4572	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/29/08 00:00	WET 4589	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL
Total Organic Carbon	4.2	mg/L	0.5	0.10	1			09/04/08 00:00	WET 4614	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP
Hardness (as CaCO3)	190	mg/L	20	15	5			09/13/08 00:00	WTI 1623	

Lab ID:	I080962006	Date Collected:	8/25/2008 14:45	Matrix:	Water					
Sample ID:	SCL-008	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	23	mg/L	3	2.0	1			08/26/08 12:59	BIO 5901	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	

9/17/2008 09:21

REPORT OF LABORATORY ANALYSIS

Page 9 of 24

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962007	Date Collected:	8/25/2008 14:55	Matrix:	Water					
Sample ID:	SCL-008 DUP	Date Received:	8/26/2008 07:12							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	23	mg/L	3	2.0	1			08/26/08 12:59	BIO 5901	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/26/08 12:44	BOD 3875	08/31/08 00:00	BOD 3876	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0011	ug/L	0.0005	0.00030	1	08/10/08 00:00	MPR 6555	09/11/08 12:53	MHG 2456	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0062	ug/L	0.0005	0.00030	1	09/09/08 00:00	MPR 6544	09/10/08 13:28	MHG 2455	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	3.1	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 05:20	MMS 4390	
Copper	1.7	ug/L	0.5	0.070	1	09/05/08 00:00	MPR 6519	09/12/08 05:20	MMS 4390	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	780	ug/L	10	0.40	4	09/08/08 00:00	MPR 6532	09/12/08 00:49	MMS 4399	
Boron	310	ug/L	10	2.8	4	09/08/08 00:00	MPR 6532	09/12/08 00:49	MMS 4399	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	0.51	ug/L	0.20	0.060	1	09/08/08 00:00	MPR 6532	09/11/08 22:38	MMS 4399	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.92	mg/L	0.1	0.060	1			09/09/08 14:58	WET 4622	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	16	NTU	0.1	0.040	2			08/27/08 09:26	WET 4572	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/29/08 00:00	WET 4589	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	3.9	mg/L	0.5	0.10	1			09/04/08 00:00	WET 4615	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	200	mg/L	20	15	5			09/13/08 00:00	WTI 1623	

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ENVIRONMENTAL ANALYSIS

ANALYTICAL RESULTS

Lab Order: I080962

Project ID DMC 18600161.10005

Lab ID:	I080962007	Date Collected:	8/25/2008 14:55	Matrix:	Water
Sample ID:	SCL-008 DUP	Date Received:	8/26/2008 07:12		

Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual

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ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description:	Total Suspended Solids Analysis	QC Batch:	BIO/5901
Analysis Method:	EPA 160.2 / SM2540D	QC Batch Method:	EPA 160.2 / SM2540D

METHOD BLANK: 231728

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 231729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	480	96	80-120	

SAMPLE DUPLICATE: 232526

Parameter	Units	I080001025 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	454	450	1.6	20	

Analysis Description:	Biochemical Oxygen Demand/5-Day	QC Batch:	BOD/3875
Analysis Method:	EPA 405.1 / SM5210B	QC Batch Method:	EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 234079

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	380	95	80-120	

SAMPLE DUPLICATE: 234080

Parameter	Units	I080014003 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	20.3	21	2.4	20	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6519
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 233463

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 233464

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	20	98	85-115	
Copper	ug/L	20	20	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233465 233466

Parameter	Units	I080962001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.7	20	22	22	96	95	85-115	0.5	20	
Copper	ug/L	1.4	20	20	20	95	94	85-115	1	20	

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6544
Analysis Method:	EPA 1631E (filtered)	QC Batch Method:	EPA 1631E (filtered)

Analysis Description:	Mercury Analysis, Trace Level	QC Batch:	MPR/6544
Analysis Method:	EPA 1631E	QC Batch Method:	EPA 1631E

METHOD BLANK: 234111

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6544**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**LABORATORY CONTROL SAMPLE:** 234112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	114	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234113 234114

Parameter	Units	I080918001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0026	0.02	0.024	.026	106	116	71-125	7.7	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234115 234116

Parameter	Units	I080962006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Mercury	ug/L	0.0066	0.02	0.029	.029	113	112	71-125	0.4	20

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6532**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 233860

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Aluminum	J0.9	10	ug/L	
Boron	ND	10	ug/L	
Selenium (reaction cell)	ND	0.20	ug/L	

LABORATORY CONTROL SAMPLE: 233861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	44	109	85-115	
Boron	ug/L	20	21	103	85-115	
Selenium (reaction cell)	ug/L	20	18	91	85-115	

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6532**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 233862 233863

Parameter	Units	I080962001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Boron	ug/L	96	20	140	130	197	186	85-115	1.6	20	2
Selenium (reaction cell)	ug/L	0.12	20	19	18	95	91	85-115	4.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233862 233863

Parameter	Units	I080962001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Aluminum	ug/L	330	40	830	800	1229	1175	85-115	2.7	20	2

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6555**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)**METHOD BLANK:** 234421

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 234422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234423 234424

Parameter	Units	I080962003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0017	0.02	0.022	.023	101	105	71-125	3.2	20	

Analysis Description: Turbidity Analysis**QC Batch:** WET/4572**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**METHOD BLANK:** 231816

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4572**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 231817

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.2	106	90-110	

SAMPLE DUPLICATE: 232285

Parameter	Units	I080998001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	4.92	4.7	3.7		

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4589**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 232429

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 232430

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.8	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232431 232432

Parameter	Units	I080965008 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0.32	5	5.3	5.3	100	100	90-110	0.4 20	



QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4614
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 233688

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	30.18	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 233689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233693 233694

Parameter	Units	I080962001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3.1	10	13	13	96	95	80-120	0.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233697 233698

Parameter	Units	I080998001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	2.7	10	43	43	401	402	80-120	0.4	20	1

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4615
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 233700

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	30.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 233701

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	100	80-120	



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4615
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233702 233703

Parameter	Units	I080962006 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3.9	10	14	14	96	96	80-120	0	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233704 233705

Parameter	Units	I080998008 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Organic Carbon	mg/L	2.7	10	12	12	94	96	80-120	1.1	20

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4622
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 233996

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 233997

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.2	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234671 234672

Parameter	Units	I080987001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	12	5	17	17	96	98	90-110	0.5	20

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1623
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 235027



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA

Lab Order: I080962

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1623
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

LABORATORY CONTROL SAMPLE: 235028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235029 235030

Parameter	Units	I080998001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	10	100	110	110	102	98	80-120	3.6 20	

QUALITY CONTROL DATA QUALIFIERS

Lab Order: I080962

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 High Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.
- 2 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080962

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080962001	DMC-008	EPA 160.2 / SM2540D	BIO/5901		
I080962002	NWUS-020	EPA 160.2 / SM2540D	BIO/5901		
I080962003	NWDS-021	EPA 160.2 / SM2540D	BIO/5901		
I080962004	SJRUS-021	EPA 160.2 / SM2540D	BIO/5901		
I080962005	SJRDS-020	EPA 160.2 / SM2540D	BIO/5901		
I080962006	SCL-008	EPA 160.2 / SM2540D	BIO/5901		
I080962007	SCL-008 DUP	EPA 160.2 / SM2540D	BIO/5901		
I080962001	DMC-008	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962002	NWUS-020	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962003	NWDS-021	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962004	SJRUS-021	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962005	SJRDS-020	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962006	SCL-008	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962007	SCL-008 DUP	EPA 405.1 / SM5210B	BOD/3875	EPA 405.1 / SM5210B	BOD/3876
I080962001	DMC-008	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962001	DMC-008	EPA 1631E (filtered)	MPR/6544	EPA 1631E (filtered)	MHG/2455
I080962002	NWUS-020	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962002	NWUS-020	EPA 1631E (filtered)	MPR/6544	EPA 1631E (filtered)	MHG/2455
I080962003	NWDS-021	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962004	SJRUS-021	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962005	SJRDS-020	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962006	SCL-008	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962007	SCL-008 DUP	EPA 1631E	MPR/6544	EPA 1631E	MHG/2455
I080962003	NWDS-021	EPA 1631E (filtered)	MPR/6555	EPA 1631E (filtered)	MHG/2456
I080962004	SJRUS-021	EPA 1631E (filtered)	MPR/6555	EPA 1631E (filtered)	MHG/2456
I080962005	SJRDS-020	EPA 1631E (filtered)	MPR/6555	EPA 1631E (filtered)	MHG/2456
I080962006	SCL-008	EPA 1631E (filtered)	MPR/6555	EPA 1631E (filtered)	MHG/2456
I080962007	SCL-008 DUP	EPA 1631E (filtered)	MPR/6555	EPA 1631E (filtered)	MHG/2456
I080962001	DMC-008	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390
I080962002	NWUS-020	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080962

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080962003	NWDS-021	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390
I080962004	SJRUS-021	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390
I080962005	SJRDS-020	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390
I080962006	SCL-008	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390
I080962007	SCL-008 DUP	EPA 200.8 (filtered)	MPR/6519	EPA 200.8 (filtered)	MMS/4390
I080962001	DMC-008	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962002	NWUS-020	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962003	NWDS-021	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962004	SJRUS-021	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962005	SJRDS-020	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962006	SCL-008	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962007	SCL-008 DUP	EPA 200.8	MPR/6532	EPA 200.8	MMS/4399
I080962001	DMC-008	EPA 180.1	WET/4572		
I080962002	NWUS-020	EPA 180.1	WET/4572		
I080962003	NWDS-021	EPA 180.1	WET/4572		
I080962004	SJRUS-021	EPA 180.1	WET/4572		
I080962005	SJRDS-020	EPA 180.1	WET/4572		
I080962006	SCL-008	EPA 180.1	WET/4572		
I080962007	SCL-008 DUP	EPA 180.1	WET/4572		
I080962001	DMC-008	EPA 350.2 / SM4500C	WET/4589		
I080962002	NWUS-020	EPA 350.2 / SM4500C	WET/4589		
I080962003	NWDS-021	EPA 350.2 / SM4500C	WET/4589		
I080962004	SJRUS-021	EPA 350.2 / SM4500C	WET/4589		
I080962005	SJRDS-020	EPA 350.2 / SM4500C	WET/4589		
I080962006	SCL-008	EPA 350.2 / SM4500C	WET/4589		
I080962007	SCL-008 DUP	EPA 350.2 / SM4500C	WET/4589		
I080962001	DMC-008	EPA 415.1 / SM5310B	WET/4614		
I080962002	NWUS-020	EPA 415.1 / SM5310B	WET/4614		
I080962003	NWDS-021	EPA 415.1 / SM5310B	WET/4614		
I080962004	SJRUS-021	EPA 415.1 / SM5310B	WET/4614		
I080962005	SJRDS-020	EPA 415.1 / SM5310B	WET/4614		
I080962006	SCL-008	EPA 415.1 / SM5310B	WET/4615		
I080962007	SCL-008 DUP	EPA 415.1 / SM5310B	WET/4615		



ENVIRONMENTAL ANALYSES

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080962

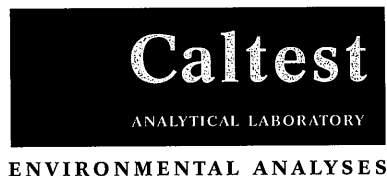
Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080962001	DMC-008	EPA 351.3 / SM4500C	WET/4622		
I080962002	NWUS-020	EPA 351.3 / SM4500C	WET/4622		
I080962003	NWDS-021	EPA 351.3 / SM4500C	WET/4622		
I080962004	SJRUS-021	EPA 351.3 / SM4500C	WET/4622		
I080962005	SJRDS-020	EPA 351.3 / SM4500C	WET/4622		
I080962006	SCL-008	EPA 351.3 / SM4500C	WET/4622		
I080962007	SCL-008 DUP	EPA 351.3 / SM4500C	WET/4622		
I080962001	DMC-008	EPA 130.2 / SM2340B	WTI/1623		
I080962002	NWUS-020	EPA 130.2 / SM2340B	WTI/1623		
I080962003	NWDS-021	EPA 130.2 / SM2340B	WTI/1623		
I080962004	SJRUS-021	EPA 130.2 / SM2340B	WTI/1623		
I080962005	SJRDS-020	EPA 130.2 / SM2340B	WTI/1623		
I080962006	SCL-008	EPA 130.2 / SM2340B	WTI/1623		
I080962007	SCL-008 DUP	EPA 130.2 / SM2340B	WTI/1623		

REPORT OF LABORATORY ANALYSIS

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Tuesday, September 30, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: 1090082
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #:

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, September 02, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

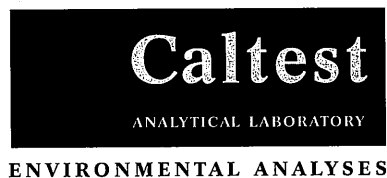
Page 1 of 22



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**SAMPLE SUMMARY**

Lab Order: I090082

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I090082001	DMC-009	Water	9/2/2008 09:50	9/2/2008 17:00
I090082002	DMC-009-FB	Water	9/2/2008 10:00	9/2/2008 17:00
I090082003	NWUS-021	Water	9/2/2008 10:20	9/2/2008 17:00
I090082004	SJRUS-022	Water	9/2/2008 11:20	9/2/2008 17:00
I090082005	NWDS-022	Water	9/2/2008 12:10	9/2/2008 17:00
I090082006	SCL-009	Water	9/2/2008 13:35	9/2/2008 17:00

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

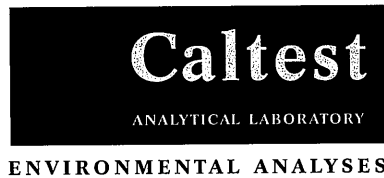
Page 2 of 22



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**NARRATIVE**

Lab Order: I090082

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

Qualifiers and Compound Notes

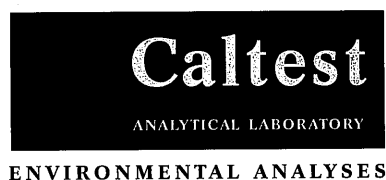
- 1 Analyte(s) reported as 'ND' means not detected at or above the listed Method Detection Limits (MDL).



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ANALYTICAL RESULTS

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID:	I090082001	Date Collected:	9/2/2008 09:50			Matrix:	Water			
Sample ID:	DMC-009	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	31	mg/L	3	2.0	1			09/03/08 13:18	BIO 5910	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/03/08 12:36	BOD 3891	09/08/08 00:00	BOD 3892	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0008	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 13:23	MHG 2464	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0055	ug/L	0.0005	0.00030	1	09/11/08 00:00	MPR 6563	09/12/08 13:14	MHG 2460	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.7	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 00:58	MMS 4395	
Copper	1.2	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 00:58	MMS 4395	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	860	ug/L	10	0.50	5	09/11/08 00:00	MPR 6558	09/18/08 19:01	MMS 4413	
Boron	110	ug/L	10	0.70	1	09/11/08 00:00	MPR 6558	09/23/08 05:56	MMS 4413	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	J0.13	ug/L	0.20	0.060	1	09/11/08 00:00	MPR 6558	09/15/08 22:23	MMS 4413	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.66	mg/L	0.1	0.060	1			09/12/08 16:55	WET 4628	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	14	NTU	0.05	0.020	1			09/03/08 09:28	WET 4605	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/05/08 00:00	WET 4612	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	3.3	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	110	mg/L	5	3.0	1			09/14/08 00:00	WTI 1625	

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

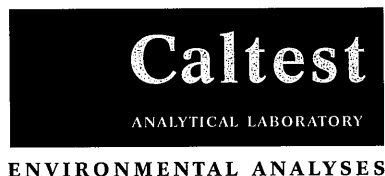
Page 4 of 22

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ANALYTICAL RESULTS

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID: I090082001	Date Collected: 9/2/2008 09:50	Matrix: Water
Sample ID: DMC-009	Date Received: 9/2/2008 17:00	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I090082002	Date Collected: 9/2/2008 10:00	Matrix: Water
Sample ID: DMC-009-FB	Date Received: 9/2/2008 17:00	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	ND mg/L	3	2.0	1				09/03/08 13:18	BIO 5910	
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B						Prep by: KMC		
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	09/03/08 12:40	BOD 3891		09/08/08 00:00	BOD 3892	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)						Prep by: UK		
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: TLC		
Mercury	ND ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583		09/16/08 13:53	MHG 2464	1
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E						Prep by: UK		
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	ND ug/L	0.0005	0.00030	1	09/11/08 00:00	MPR 6563		09/12/08 12:08	MHG 2460	1
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)						Prep by: UK		
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	ND ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529		09/14/08 01:05	MMS 4395	
Copper	ND ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529		09/14/08 01:05	MMS 4395	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8						Prep by: UK		
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	130 ug/L	10	0.10	1	09/11/08 00:00	MPR 6558		09/15/08 22:03	MMS 4413	
Boron	10.9 ug/L	10	0.70	1	09/11/08 00:00	MPR 6558		09/15/08 22:03	MMS 4413	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8						Prep by: UK		
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	ND ug/L	0.20	0.060	1	09/11/08 00:00	MPR 6558		09/15/08 22:03	MMS 4413	
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.27 mg/L	0.1	0.060	1				09/12/08 17:12	WET 4628	
Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: NP		
Turbidity	0.39 NTU	0.05	0.020	1				09/03/08 09:26	WET 4605	

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

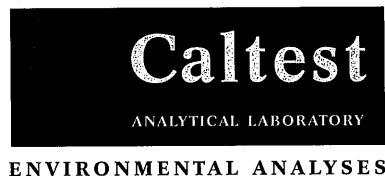
Page 5 of 22

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ANALYTICAL RESULTS

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID:	I090082002	Date Collected:	9/2/2008 10:00	Matrix:	Water					
Sample ID:	DMC-009-FB	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:			EPA 350.2 / SM4500C			Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/05/08 00:00	WET 4612	
Total Organic Carbon Analysis	Analytical Method:			EPA 415.1 / SM5310B			Analyzed by: AL			
Total Organic Carbon	0.54	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric	Analytical Method:			EPA 130.2 / SM2340B			Analyzed by: NP			
Hardness (as CaCO3)	6.0	mg/L	5	3.0	1			09/14/08 00:00	WTI 1625	

Lab ID:	I090082003	Date Collected:	9/2/2008 10:20	Matrix:	Water					
Sample ID:	NWUS-021	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:			EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	28	mg/L	3	2.0	1			09/03/08 13:18	BIO 5910	
Biochemical Oxygen Demand/5-Day	Prep Method:			EPA 405.1 / SM5210B			Prep by: KMC			
	Analytical Method:			EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/03/08 12:43	BOD 3891	09/08/08 00:00	BOD 3892	
Mercury Analysis, Trace Level, Dissolved	Prep Method:			EPA 1631E (filtered)			Prep by: UK			
	Analytical Method:			EPA 1631E (filtered)			Analyzed by: TLC			
Mercury	0.0012	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 13:58	MHG 2464	
Mercury Analysis, Trace Level	Prep Method:			EPA 1631E			Prep by: UK			
	Analytical Method:			EPA 1631E			Analyzed by: SMD			
Mercury	0.0059	ug/L	0.0005	0.00030	1	09/11/08 00:00	MPR 6563	09/12/08 13:19	MHG 2460	
Metals Analysis by ICPMS, Dissolved	Prep Method:			EPA 200.8 (filtered)			Prep by: UK			
	Analytical Method:			EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	2.7	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:12	MMS 4395	
Copper	1.3	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:12	MMS 4395	
Metals Analysis by ICPMS	Prep Method:			EPA 200.8			Prep by: UK			
	Analytical Method:			EPA 200.8			Analyzed by: LM			
Aluminum	930	ug/L	10	0.50	5	09/11/08 00:00	MPR 6558	09/18/08 19:08	MMS 4413	
Boron	110	ug/L	10	0.70	1	09/11/08 00:00	MPR 6558	09/23/08 06:03	MMS 4413	
Multi-Mode ICPMS Analysis	Prep Method:			EPA 200.8			Prep by: UK			
	Analytical Method:			EPA 200.8			Analyzed by: LM			

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

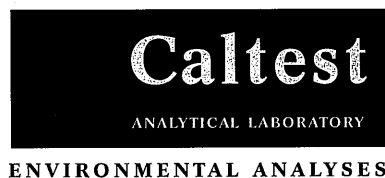
Page 6 of 22

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ANALYTICAL RESULTS

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID:	I090082003	Date Collected:	9/2/2008 10:20	Matrix:	Water					
Sample ID:	NWUS-021	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	J0.13	ug/L	0.20	0.060	1	09/11/08 00:00	MPR 6558	09/15/08 22:29	MMS 4413	
Nitrogen, Total Kjeldahl Analysis	Analytical Method: EPA 351.3 / SM4500C							Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.51	mg/L	0.1	0.060	1			09/12/08 17:14	WET 4638	
Turbidity Analysis	Analytical Method: EPA 180.1							Analyzed by: NP		
Turbidity	12	NTU	0.05	0.020	1			09/03/08 09:38	WET 4605	
Nitrogen, Ammonia (as N)	Analytical Method: EPA 350.2 / SM4500C							Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/05/08 00:00	WET 4612	
Total Organic Carbon Analysis	Analytical Method: EPA 415.1 / SM5310B							Analyzed by: AL		
Total Organic Carbon	3.3	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric	Analytical Method: EPA 130.2 / SM2340B							Analyzed by: NP		
Hardness (as CaCO3)	100	mg/L	5	3.0	1			09/14/08 00:00	WTI 1625	

Lab ID:	I090082004	Date Collected:	9/2/2008 11:20	Matrix:	Water					
Sample ID:	SJRUS-022	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D				Analyzed by: AMS			
Total Suspended Solids	30	mg/L	3	2.0	1			09/03/08 13:18	BIO 5910	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B				Prep by: KMC			
	Analytical Method:		EPA 405.1 / SM5210B				Analyzed by: KMC			
Biochemical Oxygen Demand	5	mg/L	5	0.60	1	09/03/08 12:47	BOD 3891	09/08/08 00:00	BOD 3892	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)				Prep by: UK			
	Analytical Method:		EPA 1631E (filtered)				Analyzed by: TLC			
Mercury	0.0015	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:03	MHG 2464	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E				Prep by: UK			
	Analytical Method:		EPA 1631E				Analyzed by: TLC			
Mercury	0.0053	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:23	MHG 2464	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)				Prep by: UK			
	Analytical Method:		EPA 200.8 (filtered)				Analyzed by: LM			
Arsenic	5.2	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:18	MMS 4395	
Copper	1.4	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:18	MMS 4395	

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

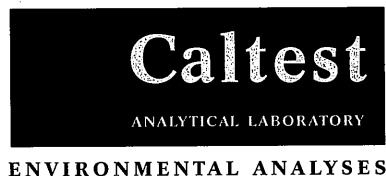
Page 7 of 22

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ANALYTICAL RESULTS

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID:	I090082004	Date Collected:	9/2/2008 11:20			Matrix:	Water			
Sample ID:	SJRUS-022	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS	Prep Method:		EPA 200.8		Prep by:		UK			
	Analytical Method:		EPA 200.8				Analyzed by:		LM	
Aluminum	950	ug/L	10	1.0	10	09/11/08 00:00	MPR 6558	09/18/08 19:14	MMS 4413	
Boron	1800	ug/L	10	7.0	10	09/11/08 00:00	MPR 6558	09/23/08 06:10	MMS 4413	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8		Prep by:		UK			
	Analytical Method:		EPA 200.8				Analyzed by:		LM	
Selenium (reaction cell)	4.4	ug/L	0.20	0.060	1	09/11/08 00:00	MPR 6558	09/15/08 22:36	MMS 4413	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC	
Total Kjeldahl Nitrogen	1.2	mg/L	0.1	0.060	1			09/12/08 17:14	WET 4638	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by:		NP	
Turbidity	13	NTU	0.05	0.020	1			09/03/08 09:42	WET 4605	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/05/08 00:00	WET 4612	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL	
Total Organic Carbon	6.3	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP	
Hardness (as CaCO3)	470	mg/L	20	15	5			09/14/08 00:00	WTI 1625	

Lab ID: I090082005		Date Collected: 9/2/2008 12:10		Matrix: Water					
Sample ID: NWDS-022		Date Received: 9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D		Analyzed by: AMS			
Total Suspended Solids	160	mg/L	3	2.0	1		09/03/08 13:18	BIO 5910	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B		Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B		Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/03/08 12:51	BOD 3891	09/08/08 00:00	BOD 3892
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)		Prep by: UK			
		Analytical Method:		EPA 1631E (filtered)		Analyzed by: TLC			
Mercury	0.0012	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:08	MHG 2464
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E		Prep by: UK			

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

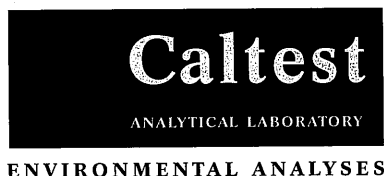
Page 8 of 22

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ANALYTICAL RESULTS

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID:	I090082005	Date Collected:	9/2/2008 12:10	Matrix:	Water					
Sample ID:	NWDS-022	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
	Analytical Method:			EPA 1631E			Analyzed by:			TLC
Mercury	0.029	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:29	MHG 2464	
Metals Analysis by ICPMS, Dissolved	Prep Method:			EPA 200.8 (filtered)		Prep by:			UK	
	Analytical Method:			EPA 200.8 (filtered)			Analyzed by:			LM
Arsenic	2.4	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:25	MMS 4395	
Copper	0.9	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:25	MMS 4395	
Metals Analysis by ICPMS	Prep Method:			EPA 200.8		Prep by:			UK	
	Analytical Method:			EPA 200.8			Analyzed by:			LM
Aluminum	2700	ug/L	20	2.0	20	09/11/08 00:00	MPR 6558	09/18/08 19:21	MMS 4413	
Boron	140	ug/L	10	0.70	1	09/11/08 00:00	MPR 6558	09/23/08 06:16	MMS 4413	
Multi-Mode ICPMS Analysis	Prep Method:			EPA 200.8		Prep by:			UK	
	Analytical Method:			EPA 200.8			Analyzed by:			LM
Selenium (reaction cell)	0.23	ug/L	0.20	0.060	1	09/11/08 00:00	MPR 6558	09/15/08 22:43	MMS 4413	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:			EPA 351.3 / SM4500C			Analyzed by:			JDC
Total Kjeldahl Nitrogen	0.71	mg/L	0.1	0.060	1			09/12/08 17:14	WET 4638	
Turbidity Analysis	Analytical Method:			EPA 180.1			Analyzed by:			NP
Turbidity	58	NTU	0.2	0.10	5			09/03/08 09:34	WET 4605	
Nitrogen, Ammonia (as N)	Analytical Method:			EPA 350.2 / SM4500C			Analyzed by:			NP
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/05/08 00:00	WET 4612	
Total Organic Carbon Analysis	Analytical Method:			EPA 415.1 / SM5310B			Analyzed by:			AL
Total Organic Carbon	3.7	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric	Analytical Method:			EPA 130.2 / SM2340B			Analyzed by:			NP
Hardness (as CaCO3)	190	mg/L	20	15	5			09/14/08 00:00	WTI 1625	

Lab ID:	I090082006	Date Collected:	9/2/2008 13:35	Matrix:	Water					
Sample ID:	SCL-009	Date Received:	9/2/2008 17:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	24	mg/L	3	2.0	1			09/03/08 13:18	BIO 5910	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

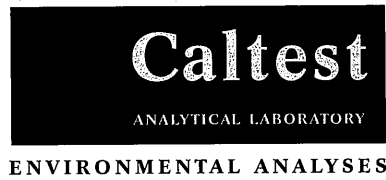
Page 9 of 22

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**ANALYTICAL RESULTS**

Lab Order: I090082

Project ID DMC 18600161.10005

Lab ID: I090082006		Date Collected: 9/2/2008 13:35		Matrix: Water						
Sample ID: SCL-009		Date Received: 9/2/2008 17:00								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/03/08 12:54	BOD 3891	09/08/08 00:00	BOD 3892	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)		Prep by: UK				
		Analytical Method:		EPA 1631E (filtered)		Analyzed by: TLC				
Mercury	0.0012	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:13	MHG 2464	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E		Prep by: UK				
		Analytical Method:		EPA 1631E		Analyzed by: TLC				
Mercury	0.0065	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:34	MHG 2464	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by: UK				
		Analytical Method:		EPA 200.8 (filtered)		Analyzed by: LM				
Arsenic	2.7	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:31	MMS 4395	
Copper	1.3	ug/L	0.5	0.070	1	09/08/08 00:00	MPR 6529	09/14/08 01:31	MMS 4395	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by: UK				
		Analytical Method:		EPA 200.8		Analyzed by: LM				
Aluminum	940	ug/L	10	1.0	10	09/11/08 00:00	MPR 6558	09/18/08 19:27	MMS 4413	
Boron	340	ug/L	10	2.8	4	09/11/08 00:00	MPR 6558	09/23/08 06:23	MMS 4413	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by: UK				
		Analytical Method:		EPA 200.8		Analyzed by: LM				
Selenium (reaction cell)	0.65	ug/L	0.20	0.060	1	09/11/08 00:00	MPR 6558	09/15/08 23:09	MMS 4413	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C		Analyzed by: JDC				
Total Kjeldahl Nitrogen	0.75	mg/L	0.1	0.060	1			09/12/08 17:14	WET 4638	
Turbidity Analysis		Analytical Method:		EPA 180.1		Analyzed by: NP				
Turbidity	15	NTU	0.05	0.020	1			09/03/08 09:29	WET 4605	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C		Analyzed by: NP				
Ammonia (as N)	J0.088	mg/L	0.1	0.050	1			09/09/08 00:00	WET 4621	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B		Analyzed by: AL				
Total Organic Carbon	3.9	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B		Analyzed by: NP				
Hardness (as CaCO3)	220	mg/L	20	15	5			09/14/08 00:00	WTI 1625	

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

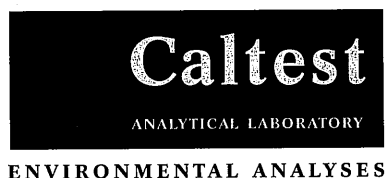
Page 10 of 22

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QUALITY CONTROL DATA

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description: Total Suspended Solids Analysis	QC Batch: BIO/5910
Analysis Method: EPA 160.2 / SM2540D	QC Batch Method: EPA 160.2 / SM2540D

METHOD BLANK: 232922

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 232923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	480	97	80-120	

SAMPLE DUPLICATE: 233662

Parameter	Units	I090001002 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	389	400	2	20	

Analysis Description: Biochemical Oxygen Demand/5-Day	QC Batch: BOD/3891
Analysis Method: EPA 405.1 / SM5210B	QC Batch Method: EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 234833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	88	80-120	

SAMPLE DUPLICATE: 234834

Parameter	Units	I090001002 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	1364.25	1300	5.1	20	

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

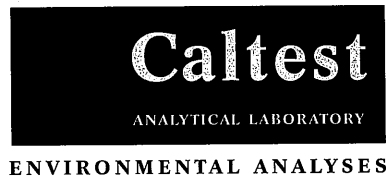
Page 11 of 22



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QUALITY CONTROL DATA

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved

QC Batch: MPR/6529

Analysis Method: EPA 200.8 (filtered)

QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 233848

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 233849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	96	85-115	
Copper	ug/L	20	19	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233850 233851

Parameter	Units	I081096001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	13	20	32	32	91	91	85-115	0.2	20	
Copper	ug/L	1.5	20	20	20	90	90	85-115	0.1	20	

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6563

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

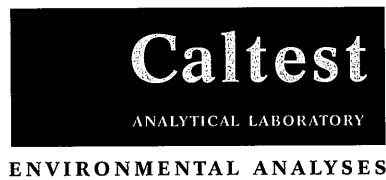
METHOD BLANK: 234760

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 234761

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.023	114	80-120	





QUALITY CONTROL DATA

Lab Order: 1090082

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6563**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 234764 234765

Parameter	Units	1090461005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.018	0.02	0.031	.031	65	62	71-125	1.6	20	3

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6558**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**METHOD BLANK:** 234740

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	JO.2	10 ug/L	
Boron	ND	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 234741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	42	106	85-115	
Boron	ug/L	20	19	97	85-115	
Selenium (reaction cell)	ug/L	20	20	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234742 234743

Parameter	Units	1090082002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	130	40	170	170	102	110	85-115	1.9	20	
Boron	ug/L	0.9	20	21	21	100	101	85-115	1.2	20	
Selenium (reaction cell)	ug/L	0	20	20	21	99	104	85-115	4.9	20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6583**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

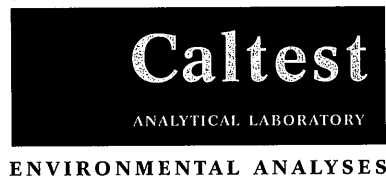
Page 13 of 22

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QUALITY CONTROL DATA

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6583

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

METHOD BLANK: 235263

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 235264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235265 235266

Parameter	Units	I090461005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.018	0.02	0.04	.04	108	110	71-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235267 235268

Parameter	Units	I090082001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0008	0.02	0.022	.022	106	108	71-125	1.9	20	

Analysis Description: Turbidity Analysis

QC Batch: WET/4605

Analysis Method: EPA 180.1

QC Batch Method: EPA 180.1

METHOD BLANK: 233094

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

LABORATORY CONTROL SAMPLE: 233095

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4	100	90-110	

9/30/2008 10:14

REPORT OF LABORATORY ANALYSIS

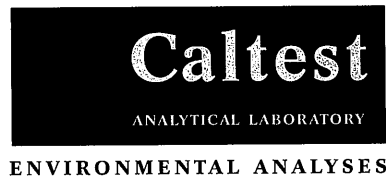
Page 14 of 22

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QUALITY CONTROL DATA

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis**QC Batch:** WET/4605**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**SAMPLE DUPLICATE:** 233096

Parameter	Units	I090082002 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	0.39	0.4	2.5		

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4612**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 233453

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 233454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	101	90-110	

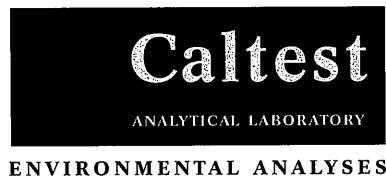
MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233455 233456

Parameter	Units	I081058001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0.2	5	5.1	5.1	97	97	90-110	0 20	

Analysis Description: Nitrogen, Ammonia (as N)**QC Batch:** WET/4621**Analysis Method:** EPA 350.2 / SM4500C**QC Batch Method:** EPA 350.2 / SM4500C**METHOD BLANK:** 233992

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	



**QUALITY CONTROL DATA**

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Ammonia (as N)	QC Batch: WET/4621
Analysis Method: EPA 350.2 / SM4500C	QC Batch Method: EPA 350.2 / SM4500C

LABORATORY CONTROL SAMPLE: 233993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233994 233995

Parameter	Units	I090134001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	86	5	92	92	116	110	90-110	0.3	20	2

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4628
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 234932

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 234933

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.2	103	90-110	

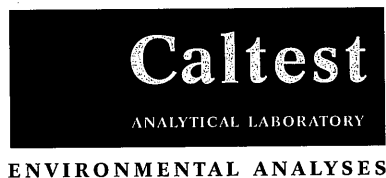
MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234934 234935

Parameter	Units	I090047001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.74	5	5.3	5.3	92	91	90-110	1.4	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4638
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 235071





QUALITY CONTROL DATA

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4638
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 235072

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235073 235074

Parameter	Units	I090087001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	6.8	5	12	12	103	107	90-110	1.5	20	

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4652
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 235988

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	J0.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 235989

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235990 235991

Parameter	Units	I090082001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3.3	10	13	13	96	98	80-120	1.6	20	

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

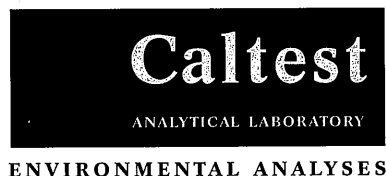
Page 17 of 22

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QUALITY CONTROL DATA

Lab Order: I090082

Project ID: DMC 18600161.10005

Analysis Description: Total Organic Carbon Analysis	QC Batch: WET/4652
Analysis Method: EPA 415.1 / SM5310B	QC Batch Method: EPA 415.1 / SM5310B

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235992 235993

Parameter	Units	I090082002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.54	10	10	10	94	95	80-120	0.3	20	

Analysis Description: Hardness, as CaCO ₃ by Titrimetric	QC Batch: WTI/1625
Analysis Method: EPA 130.2 / SM2340B	QC Batch Method: EPA 130.2 / SM2340B

METHOD BLANK: 235035

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

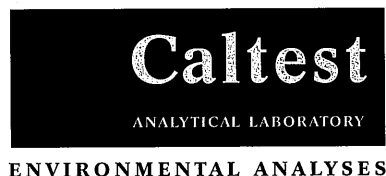
LABORATORY CONTROL SAMPLE: 235036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235037 235038

Parameter	Units	I090120001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	84	100	190	180	102	100	80-120	1.1	20	





QUALITY CONTROL DATA QUALIFIERS

Lab Order: 1090082

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

Method Blanks are reported to the same Method Detection Limits (MDLs) or Reporting Limits (RLs) as the analytical samples in the corresponding QC batch.

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

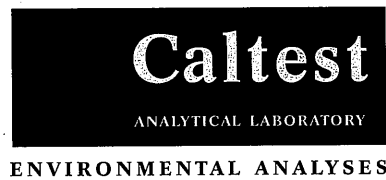
MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 2 High Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.
- 3 Low Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090082

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090082001	DMC-009	EPA 160.2 / SM2540D	BIO/5910		
I090082002	DMC-009-FB	EPA 160.2 / SM2540D	BIO/5910		
I090082003	NWUS-021	EPA 160.2 / SM2540D	BIO/5910		
I090082004	SJRUS-022	EPA 160.2 / SM2540D	BIO/5910		
I090082005	NWDS-022	EPA 160.2 / SM2540D	BIO/5910		
I090082006	SCL-009	EPA 160.2 / SM2540D	BIO/5910		
I090082001	DMC-009	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090082002	DMC-009-FB	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090082003	NWUS-021	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090082004	SJRUS-022	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090082005	NWDS-022	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090082006	SCL-009	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090082001	DMC-009	EPA 1631E	MPR/6563	EPA 1631E	MHG/2460
I090082002	DMC-009-FB	EPA 1631E	MPR/6563	EPA 1631E	MHG/2460
I090082003	NWUS-021	EPA 1631E	MPR/6563	EPA 1631E	MHG/2460
I090082001	DMC-009	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090082002	DMC-009-FB	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090082003	NWUS-021	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090082004	SJRUS-022	EPA 1631E	MPR/6583	EPA 1631E	MHG/2464
I090082004	SJRUS-022	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090082005	NWDS-022	EPA 1631E	MPR/6583	EPA 1631E	MHG/2464
I090082005	NWDS-022	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090082006	SCL-009	EPA 1631E	MPR/6583	EPA 1631E	MHG/2464
I090082006	SCL-009	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090082001	DMC-009	EPA 200.8 (filtered)	MPR/6529	EPA 200.8 (filtered)	MMS/4395
I090082002	DMC-009-FB	EPA 200.8 (filtered)	MPR/6529	EPA 200.8 (filtered)	MMS/4395
I090082003	NWUS-021	EPA 200.8 (filtered)	MPR/6529	EPA 200.8 (filtered)	MMS/4395
I090082004	SJRUS-022	EPA 200.8 (filtered)	MPR/6529	EPA 200.8 (filtered)	MMS/4395
I090082005	NWDS-022	EPA 200.8 (filtered)	MPR/6529	EPA 200.8 (filtered)	MMS/4395
I090082006	SCL-009	EPA 200.8 (filtered)	MPR/6529	EPA 200.8 (filtered)	MMS/4395

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

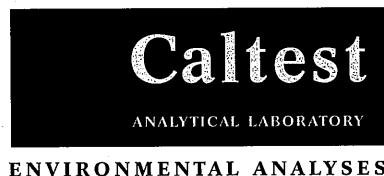
Page 20 of 22

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090082

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090082001	DMC-009	EPA 200.8	MPR/6558	EPA 200.8	MMS/4413
I090082002	DMC-009-FB	EPA 200.8	MPR/6558	EPA 200.8	MMS/4413
I090082003	NWUS-021	EPA 200.8	MPR/6558	EPA 200.8	MMS/4413
I090082004	SJRUS-022	EPA 200.8	MPR/6558	EPA 200.8	MMS/4413
I090082005	NWDS-022	EPA 200.8	MPR/6558	EPA 200.8	MMS/4413
I090082006	SCL-009	EPA 200.8	MPR/6558	EPA 200.8	MMS/4413
I090082001	DMC-009	EPA 180.1	WET/4605		
I090082002	DMC-009-FB	EPA 180.1	WET/4605		
I090082003	NWUS-021	EPA 180.1	WET/4605		
I090082004	SJRUS-022	EPA 180.1	WET/4605		
I090082005	NWDS-022	EPA 180.1	WET/4605		
I090082006	SCL-009	EPA 180.1	WET/4605		
I090082001	DMC-009	EPA 350.2 / SM4500C	WET/4612		
I090082002	DMC-009-FB	EPA 350.2 / SM4500C	WET/4612		
I090082003	NWUS-021	EPA 350.2 / SM4500C	WET/4612		
I090082004	SJRUS-022	EPA 350.2 / SM4500C	WET/4612		
I090082005	NWDS-022	EPA 350.2 / SM4500C	WET/4612		
I090082006	SCL-009	EPA 350.2 / SM4500C	WET/4621		
I090082001	DMC-009	EPA 351.3 / SM4500C	WET/4628		
I090082002	DMC-009-FB	EPA 351.3 / SM4500C	WET/4628		
I090082003	NWUS-021	EPA 351.3 / SM4500C	WET/4638		
I090082004	SJRUS-022	EPA 351.3 / SM4500C	WET/4638		
I090082005	NWDS-022	EPA 351.3 / SM4500C	WET/4638		
I090082006	SCL-009	EPA 351.3 / SM4500C	WET/4638		
I090082001	DMC-009	EPA 415.1 / SM5310B	WET/4652		
I090082002	DMC-009-FB	EPA 415.1 / SM5310B	WET/4652		
I090082003	NWUS-021	EPA 415.1 / SM5310B	WET/4652		
I090082004	SJRUS-022	EPA 415.1 / SM5310B	WET/4652		
I090082005	NWDS-022	EPA 415.1 / SM5310B	WET/4652		
I090082006	SCL-009	EPA 415.1 / SM5310B	WET/4652		
I090082001	DMC-009	EPA 130.2 / SM2340B	WTI/1625		

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

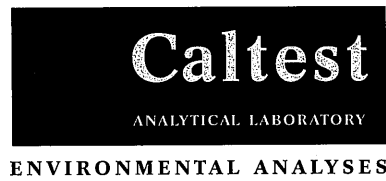
Page 21 of 22

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Lab Order: I090082

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090082002	DMC-009-FB	EPA 130.2 / SM2340B	WTI/1625		
I090082003	NWUS-021	EPA 130.2 / SM2340B	WTI/1625		
I090082004	SJRUS-022	EPA 130.2 / SM2340B	WTI/1625		
I090082005	NWDS-022	EPA 130.2 / SM2340B	WTI/1625		
I090082006	SCL-009	EPA 130.2 / SM2340B	WTI/1625		



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500 12th Street, Suite 200
Oakland, CA 94607-4014
(510) 893-3600

Chain of Custody Record

D090082

PROJECT NO.

10600161.10005

SAMPLERS: (Signature)

Sophia Espavla

DATE

TIME

SAMPLE NUMBER

Sample Matrix
(Soil, Water, Air)

EPA Method

EPA Method

EPA Method

EPA Method

ANALYSES

BOD, TSS, TURB

TAN, NH₃

TDS

T METALS, HARD

D METALS

T + D Hg

E COLI

Number of Containers

REMARKS
(Sample preservation, handling procedures, etc.)

-1
-2
-3
-7
-8
-6

9/2/08

950

DML-009

X

X

X

X

X

X

X

8

1000

DMC-009-FB

X

X

X

X

X

X

X

8

1020

NWUS-021

X

X

X

X

X

X

X

8

1120

SJRUS-022

X

X

X

X

X

X

X

8

1210

NWDS-022

X

X

X

X

X

X

X

8

~~SJRDS-021~~

~~X~~

~~X~~

~~X~~

~~X~~

~~X~~

~~X~~

~~X~~

~~8~~

1335

SCL-009

X

X

X

X

X

X

X

8

TOTAL METALS

-T AL

-T B

-T Se

-HARDNESS

DISS METALS

-D As

-D Cu

T + D Hg

PLEASE TAKE AN ALIQUOT OUT & FILTER FOR DISS Hg

RI AS LOW AS POSSIBLE FOR Se

TEMP: 10.3°C
SEALED: *[Signature]*
INACT: *[Signature]*

TOTAL NUMBER OF CONTAINERS

48
~~76~~ SE. 9/2/08

RELINQUISHED BY: (Signature)

Sophia Espavla

DATE/TIME

9/2/08 1400

RECEIVED BY: (Signature)

Dong Kim

RELINQUISHED BY: (Signature)

Dong Kim

DATE/TIME

9/2 | 1659

RECEIVED BY: (Signature)

J. John 9/2/08 1700

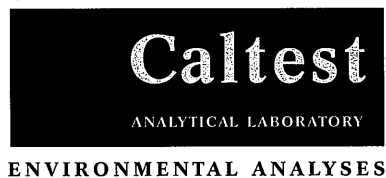
METHOD OF SHIPMENT:

SHIPPED BY: (Signature)

COURIER: (Signature)

RECEIVED FOR LAB BY (Signature)

DATE/TIME



Tuesday, September 30, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I090118
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #:

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, September 03, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

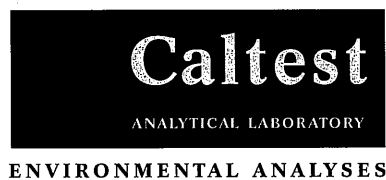
Page 1 of 14



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**SAMPLE SUMMARY**

Lab Order: I090118

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I090118001	SJRDS-021	Water	9/3/2008 11:30	9/3/2008 14:00

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

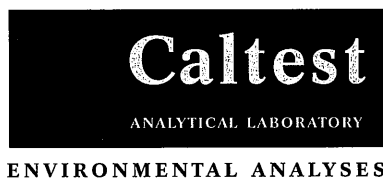
Page 2 of 14



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NARRATIVE

Lab Order: I090118

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

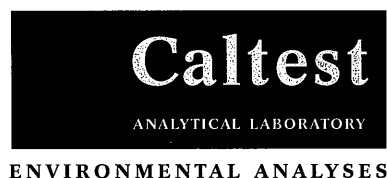
B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





ANALYTICAL RESULTS

Lab Order: I090118

Project ID DMC 18600161.10005

Lab ID:	I090118001	Date Collected:	9/3/2008 11:30	Matrix:	Water					
Sample ID:	SJRDS-021	Date Received:	9/3/2008 14:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	100	mg/L	3	2.0	1			09/05/08 09:46	BIO 5946	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/03/08 15:47	BOD 3891	09/08/08 00:00	BOD 3892	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		TLC	
Mercury	0.0014	ug/L	0.0005	0.00030	1	09/15/08 00:00	MPR 6583	09/16/08 14:59	MHG 2464	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.021	ug/L	0.0005	0.00030	1	09/16/08 00:00	MPR 6590	09/17/08 11:07	MHG 2467	
Metals Analysis by ICP, Dissolved		Prep Method:		EPA 200.2			Prep by:		SMD	
		Analytical Method:		EPA 200.7 (filtered)			Analyzed by:		SMD	
Copper	ND	mg/L	0.010	0.0010	1	09/08/08 00:00	MPR 6525	09/08/08 00:00	MIC 2667	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	3.0	ug/L	0.5	0.070	1	09/10/08 00:00	MPR 6549	09/16/08 00:08	MMS 4401	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	2100	ug/L	20	2.0	20	09/12/08 00:00	MPR 6568	09/18/08 13:31	MMS 4421	
Boron	550	ug/L	10	2.8	4	09/12/08 00:00	MPR 6568	09/23/08 12:01	MMS 4421	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	1.4	ug/L	0.20	0.060	1	09/12/08 00:00	MPR 6568	09/16/08 16:20	MMS 4421	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.94	mg/L	0.1	0.060	1			09/15/08 17:25	WET 4639	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	31	NTU	0.2	0.10	5			09/03/08 15:50	WET 4605	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/09/08 00:00	WET 4621	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	4.1	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

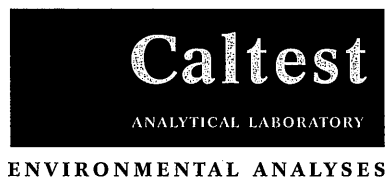
Page 4 of 14

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**ANALYTICAL RESULTS**

Lab Order: I090118

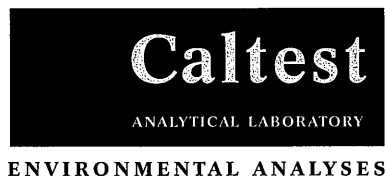
Project ID DMC 18600161.10005

Lab ID:	I090118001	Date Collected:	9/3/2008 11:30	Matrix:	Water					
Sample ID:	SJRDS-021	Date Received:	9/3/2008 14:00							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Hardness, as CaCO3 by Titrimetric	Analytical Method: EPA 130.2 / SM2340B					Analyzed by: NP				
Hardness (as CaCO3)	230	mg/L	20	15	5		09/14/08 00:00	WTI 1625		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description: Total Suspended Solids Analysis	QC Batch: BIO/5946
Analysis Method: EPA 160.2 / SM2540D	QC Batch Method: EPA 160.2 / SM2540D

METHOD BLANK: 233381

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 233382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	470	95	80-120	

SAMPLE DUPLICATE: 233672

Parameter	Units	I090001004 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	512	510	1.2	20	

Analysis Description: Biochemical Oxygen Demand/5-Day	QC Batch: BOD/3891
Analysis Method: EPA 405.1 / SM5210B	QC Batch Method: EPA 405.1 / SM5210B

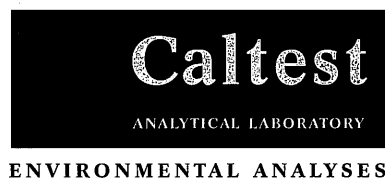
LABORATORY CONTROL SAMPLE: 234833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	350	88	80-120	

SAMPLE DUPLICATE: 234834

Parameter	Units	I090001002 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	1364.25	1300	5.1	20	





QUALITY CONTROL DATA

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICP, Dissolved

QC Batch: MPR/6525

Analysis Method: EPA 200.7 (filtered)

QC Batch Method: EPA 200.2

METHOD BLANK: 233673

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Copper	ND	0.010 mg/L	

LABORATORY CONTROL SAMPLE: 233674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.04	0.032	80	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233675 233676

Parameter	Units	I090148001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Copper	mg/L	0	0.04	0.037	.038	93	94	80-120	1.1	20	

Analysis Description: Metals Analysis by ICPMS, Dissolved

QC Batch: MPR/6549

Analysis Method: EPA 200.8 (filtered)

QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 234397

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 234398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	95	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234399 234400

Parameter	Units	I090118001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	3	20	22	22	93	95	85-115	1.4	20	

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

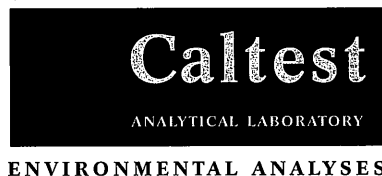
Page 7 of 14



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QUALITY CONTROL DATA

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6583

Analysis Method: EPA 1631E (filtered)

QC Batch Method: EPA 1631E (filtered)

METHOD BLANK: 235263

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 235264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235265 235266

Parameter	Units	I090461005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.018	0.02	0.04	.04	108	110	71-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235267 235268

Parameter	Units	I090082001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0008	0.02	0.022	.022	106	108	71-125	1.9	20	

Analysis Description: Metals Analysis by ICPMS

QC Batch: MPR/6568

Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8

METHOD BLANK: 234980

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	J0.1	10 ug/L	
Boron	J0.8	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 234981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	42	105	85-115	

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

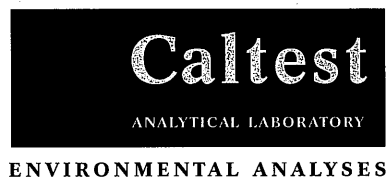
Page 8 of 14

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QUALITY CONTROL DATA

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6568**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**LABORATORY CONTROL SAMPLE:** 234981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron	ug/L	20	20	101	85-115	
Selenium (reaction cell)	ug/L	20	19	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234982 234983

Parameter	Units	I090118001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Selenium (reaction cell)	ug/L	1.4	20	20	20	93	93	85-115	0.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234982 234983

Parameter	Units	I090118001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	2100	40	5200	5100	7650	7380	85-115	2.1	20 2	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234982 234983

Parameter	Units	I090118001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	550	20	590	600	196	234	85-115	1.3	20 2	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6590**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 235509

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 235510

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

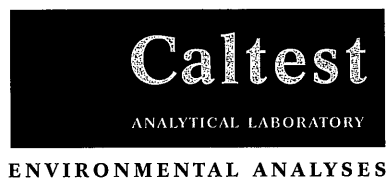
Page 9 of 14

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QUALITY CONTROL DATA

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6590

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237644 237645

Parameter	Units	I090145005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.039	0.02	0.058	.16	95	582	71-125	91	20	4

Analysis Description: Turbidity Analysis

QC Batch: WET/4605

Analysis Method: EPA 180.1

QC Batch Method: EPA 180.1

METHOD BLANK: 233094

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Turbidity	ND	0.05 NTU	

LABORATORY CONTROL SAMPLE: 233095

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4	100	90-110	

SAMPLE DUPLICATE: 233096

Parameter	Units	I090082002 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	0.39	0.4	2.5		

Analysis Description: Nitrogen, Ammonia (as N)

QC Batch: WET/4621

Analysis Method: EPA 350.2 / SM4500C

QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 233992

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	

9/30/2008 10:15

REPORT OF LABORATORY ANALYSIS

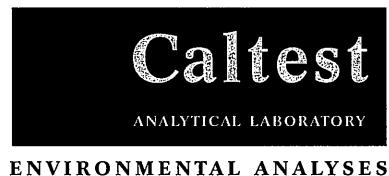
Page 10 of 14

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**QUALITY CONTROL DATA**

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4621
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

LABORATORY CONTROL SAMPLE: 233993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233994 233995

Parameter	Units	I090134001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	86	5	92	92	116	110	90-110	0.3	20	1

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4639
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 235174

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 235175

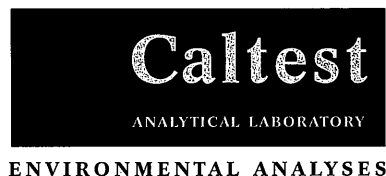
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235176 235177

Parameter	Units	I090199001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	3.9	5	8.1	8.1	84	84	90-110	0.1	20	3

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4652
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 235988

**QUALITY CONTROL DATA**

Lab Order: I090118

Project ID: DMC 18600161.10005

Analysis Description: Total Organic Carbon Analysis**QC Batch:** WET/4652**Analysis Method:** EPA 415.1 / SM5310B**QC Batch Method:** EPA 415.1 / SM5310B

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	J0.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 235989

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235992 235993

Parameter	Units	I090082002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.54	10	10	10	94	95	80-120	0.3	20	

Analysis Description: Hardness, as CaCO₃ by Titrimetric**QC Batch:** WTI/1625**Analysis Method:** EPA 130.2 / SM2340B**QC Batch Method:** EPA 130.2 / SM2340B**METHOD BLANK:** 235035

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Hardness (as CaCO ₃)	ND	5 mg/L	

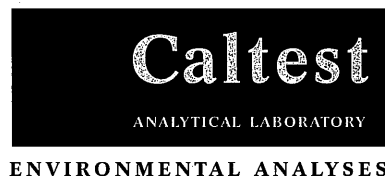
LABORATORY CONTROL SAMPLE: 235036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235037 235038

Parameter	Units	I090120001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	84	100	190	180	102	100	80-120	1.1	20	





QUALITY CONTROL DATA QUALIFIERS

Lab Order: I090118

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

Method Blanks are reported to the same Method Detection Limits (MDLs) or Reporting Limits (RLs) as the analytical samples in the corresponding QC batch.

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

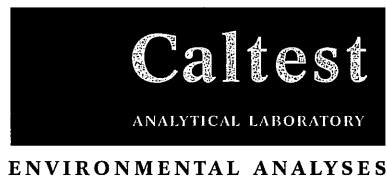
MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 High Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.
- 2 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.
- 3 Low Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.
- 4 Matrix spike recovery(ies) and RPD outside control limit. Sample result accepted based on LCS and Method Blank.





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090118

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090118001	SJRDS-021	EPA 160.2 / SM2540D	BIO/5946		
I090118001	SJRDS-021	EPA 405.1 / SM5210B	BOD/3891	EPA 405.1 / SM5210B	BOD/3892
I090118001	SJRDS-021	EPA 1631E (filtered)	MPR/6583	EPA 1631E (filtered)	MHG/2464
I090118001	SJRDS-021	EPA 1631E	MPR/6590	EPA 1631E	MHG/2467
I090118001	SJRDS-021	EPA 200.2	MPR/6525	EPA 200.7 (filtered)	MIC/2667
I090118001	SJRDS-021	EPA 200.8 (filtered)	MPR/6549	EPA 200.8 (filtered)	MMS/4401
I090118001	SJRDS-021	EPA 200.8	MPR/6568	EPA 200.8	MMS/4421
I090118001	SJRDS-021	EPA 180.1	WET/4605		
I090118001	SJRDS-021	EPA 350.2 / SM4500C	WET/4621		
I090118001	SJRDS-021	EPA 351.3 / SM4500C	WET/4639		
I090118001	SJRDS-021	EPA 415.1 / SM5310B	WET/4652		
I090118001	SJRDS-021	EPA 130.2 / SM2340B	WTI/1625		



I09018



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Chain of Custody Record

PROJECT NO. 18600161.10005			Sample Matrix (Soil, Water, Air)	ANALYSES										Number of Containers	REMARKS (Sample preservation, handling procedures, etc.)
SAMPLERS: (Signature)				EPA Method	EPA Method	EPA Method	EPA Method	BOD, TSS, Turb.	TKN, NH ₃	TOC	T Metals, Hard	D Metals	T+D Hg		
DATE	TIME	SAMPLE NUMBER													
9/3	11:30	SJRDS-OZ1						X	X	X	X	X		8	To Metals - T Al - T B - T Se - Hardness D, Metals - D As - D Cu T+D Hg please take an aliquot out and filter for diss. ~~Sub out~~ ~~for Se~~ As low as possible for Se
													TOTAL NUMBER OF CONTAINERS	8	
RELINQUISHED BY: (Signature)		DATE/TIME	RECEIVED BY: (Signature)		RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)						
		9/3/12:00					9/3/14:00				9-3-08 1400				
METHOD OF SHIPMENT:			SHIPPED BY: (Signature)		COURIER: (Signature)		RECEIVED FOR LAB BY (Signature)			DATE/TIME					



Monday, September 15, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I080781
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #: 18600161.10005

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, August 19, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

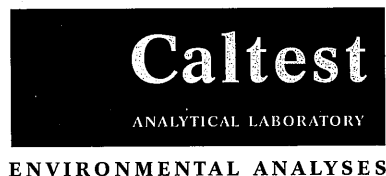
Page 1 of 24

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**SAMPLE SUMMARY**

Lab Order: I080781

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I080781001	DMC-001	Water	8/18/2008 09:45	8/19/2008 07:51
I080781002	NWUS-019	Water	8/18/2008 10:15	8/19/2008 07:51
I080781003	NWUS-019 EB	Water	8/18/2008 10:15	8/19/2008 07:51
I080781004	SJRUS-020	Water	8/18/2008 11:00	8/19/2008 07:51
I080781005	NWDS-020	Water	8/18/2008 11:20	8/19/2008 07:51
I080781006	SCL-007	Water	8/18/2008 12:30	8/19/2008 07:51
I080781007	SJRDS-019	Water	8/18/2008 13:00	8/19/2008 07:51

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

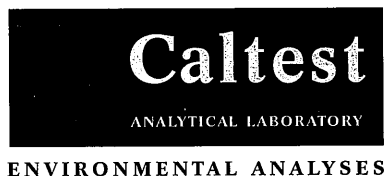
Page 2 of 24

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**NARRATIVE**

Lab Order: I080781

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

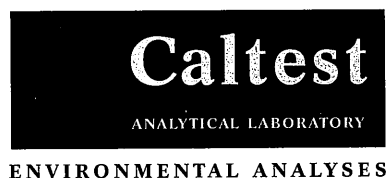
Qualifiers and Compound Notes

- 1 Analyte(s) reported as 'ND' means not detected at or above the listed Method Detection Limits (MDL).



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ANALYTICAL RESULTS

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID: I080781001		Date Collected: 8/18/2008 09:45		Matrix: Water						
Sample ID: DMC-001		Date Received: 8/19/2008 07:51								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D				Analyzed by: AMS		
Total Suspended Solids	7.0	mg/L	3	2.0	1			08/19/08 13:05	BIO 5879	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B		Prep by: KMC				
		Analytical Method:		EPA 405.1 / SM5210B				Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/19/08 12:18	BOD 3861	08/24/08 00:00	BOD 3862	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)		Prep by: UK				
		Analytical Method:		EPA 1631E (filtered)				Analyzed by: SMD		
Mercury	0.0007	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 10:53	MHG 2451	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E		Prep by: UK				
		Analytical Method:		EPA 1631E				Analyzed by: SMD		
Mercury	0.0020	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 11:33	MHG 2451	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by: UK				
		Analytical Method:		EPA 200.8 (filtered)				Analyzed by: LM		
Arsenic	2.8	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 03:28	MMS 4372	
Copper	1.4	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 16:43	MMS 4372	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by: UK				
		Analytical Method:		EPA 200.8				Analyzed by: LM		
Aluminum	230	ug/L	10	0.20	2	09/02/08 00:00	MPR 6509	09/09/08 18:49	MMS 4384	
Boron	120	ug/L	10	0.70	1	09/02/08 00:00	MPR 6509	09/09/08 17:29	MMS 4384	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by: UK				
		Analytical Method:		EPA 200.8				Analyzed by: LM		
Selenium (reaction cell)	J0.14	ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/05/08 00:11	MMS 4384	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.45	mg/L	0.1	0.060	1			08/30/08 00:00	WET 4594	
Turbidity Analysis		Analytical Method:		EPA 180.1				Analyzed by: NP		
Turbidity	6.8	NTU	0.05	0.020	1			08/19/08 10:12	WET 4549	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: AL		
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			08/27/08 00:00	WET 4584	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: NP		
Hardness (as CaCO3)	130	mg/L	20	15	5			09/13/08 00:00	WTI 1621	

9/15/2008 12:05

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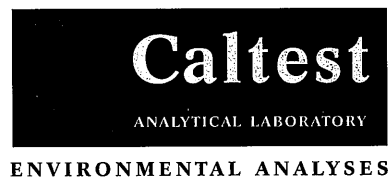
Page 4 of 24

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ANALYTICAL RESULTS

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID: I080781001	Date Collected: 8/18/2008 09:45	Matrix: Water
Sample ID: DMC-001	Date Received: 8/19/2008 07:51	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I080781002	Date Collected: 8/18/2008 10:15	Matrix: Water
Sample ID: NWUS-019	Date Received: 8/19/2008 07:51	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D					Analyzed by: AMS			
Total Suspended Solids	10 mg/L	3	2.0	1			08/19/08 13:05	BIO 5879		
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B			Prep by: KMC					
	Analytical Method:	EPA 405.1 / SM5210B					Analyzed by: KMC			
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	08/19/08 12:22	BOD 3861	08/24/08 00:00	BOD 3862		
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)			Prep by: UK					
	Analytical Method:	EPA 1631E (filtered)					Analyzed by: SMD			
Mercury	0.0019 ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 12:54	MHG 2451		
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E			Prep by: UK					
	Analytical Method:	EPA 1631E					Analyzed by: SMD			
Mercury	0.0027 ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 11:38	MHG 2451		
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)			Prep by: UK					
	Analytical Method:	EPA 200.8 (filtered)					Analyzed by: LM			
Arsenic	2.6 ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 03:47	MMS 4372		
Copper	1.4 ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 16:49	MMS 4372		
Metals Analysis by ICPMS	Prep Method:	EPA 200.8			Prep by: UK					
	Analytical Method:	EPA 200.8					Analyzed by: LM			
Aluminum	530 ug/L	10	0.40	4	09/02/08 00:00	MPR 6509	09/09/08 18:55	MMS 4384		
Boron	120 ug/L	10	0.70	1	09/02/08 00:00	MPR 6509	09/09/08 17:36	MMS 4384		
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8			Prep by: UK					
	Analytical Method:	EPA 200.8					Analyzed by: LM			
Selenium (reaction cell)	JO.15 ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/05/08 00:17	MMS 4384		
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C					Analyzed by: JDC			
Total Kjeldahl Nitrogen	0.46 mg/L	0.1	0.060	1			08/30/08 00:00	WET 4594		
Turbidity Analysis	Analytical Method:	EPA 180.1					Analyzed by: NP			
Turbidity	8.1 NTU	0.05	0.020	1			08/19/08 10:13	WET 4549		

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

Page 5 of 24

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ANALYTICAL RESULTS

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID:	I080781002	Date Collected:	8/18/2008 10:15	Matrix:	Water					
Sample ID:	NWUS-019	Date Received:	8/19/2008 07:51							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:			EPA 350.2 / SM4500C			Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis	Analytical Method:			EPA 415.1 / SM5310B			Analyzed by: AL			
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			08/28/08 00:00	WET 4598	
Hardness, as CaCO3 by Titrimetric	Analytical Method:			EPA 130.2 / SM2340B			Analyzed by: NP			
Hardness (as CaCO3)	170	mg/L	20	15	5			09/13/08 00:00	WTI 1621	

Lab ID:	I080781003	Date Collected:	8/18/2008 10:15	Matrix:	Water					
Sample ID:	NWUS-019 EB	Date Received:	8/19/2008 07:51							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method: EPA 160.2 / SM2540D					Analyzed by: AMS				
Total Suspended Solids	ND	mg/L	3	2.0	1			08/19/08 13:05	BIO 5879	
Biochemical Oxygen Demand/5-Day	Prep Method: EPA 405.1 / SM5210B					Prep by: KMC				
	Analytical Method: EPA 405.1 / SM5210B					Analyzed by: KMC				
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/19/08 12:26	BOD 3861	08/24/08 00:00	BOD 3862	
Mercury Analysis, Trace Level, Dissolved	Prep Method: EPA 1631E (filtered)					Prep by: UK				
	Analytical Method: EPA 1631E (filtered)					Analyzed by: SMD				
Mercury	J0.0005	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 12:59	MHG 2451	
Mercury Analysis, Trace Level	Prep Method: EPA 1631E					Prep by: UK				
	Analytical Method: EPA 1631E					Analyzed by: SMD				
Mercury	ND	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 11:43	MHG 2451	1
Metals Analysis by ICPMS, Dissolved	Prep Method: EPA 200.8 (filtered)					Prep by: UK				
	Analytical Method: EPA 200.8 (filtered)					Analyzed by: LM				
Arsenic	ND	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 03:54	MMS 4372	
Copper	ND	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 16:56	MMS 4372	
Metals Analysis by ICPMS	Prep Method: EPA 200.8					Prep by: UK				
	Analytical Method: EPA 200.8					Analyzed by: LM				
Aluminum	25	ug/L	10	0.10	1	09/02/08 00:00	MPR 6509	09/04/08 23:51	MMS 4384	
Boron	J2	ug/L	10	0.70	1	09/02/08 00:00	MPR 6509	09/09/08 17:43	MMS 4384	
Multi-Mode ICPMS Analysis	Prep Method: EPA 200.8					Prep by: UK				
	Analytical Method: EPA 200.8					Analyzed by: LM				

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

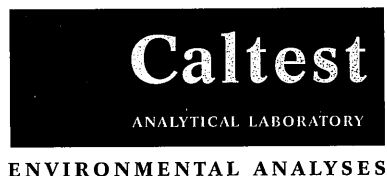
Page 6 of 24

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**ANALYTICAL RESULTS**

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID: **I080781003** Date Collected: 8/18/2008 10:15 Matrix: Water
 Sample ID: **NWUS-019 EB** Date Received: 8/19/2008 07:51

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	ND	ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/04/08 23:51	MMS 4384	
Nitrogen, Total Kjeldahl Analysis	Analytical Method: EPA 351.3 / SM4500C							Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.21	mg/L	0.1	0.060	1			08/30/08 00:00	WET 4594	
Turbidity Analysis	Analytical Method: EPA 180.1							Analyzed by: NP		
Turbidity	ND	NTU	0.05	0.020	1			08/19/08 10:14	WET 4549	
Nitrogen, Ammonia (as N)	Analytical Method: EPA 350.2 / SM4500C							Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis	Analytical Method: EPA 415.1 / SM5310B							Analyzed by: AL		
Total Organic Carbon	1.1	mg/L	0.5	0.10	1			08/27/08 00:00	WET 4585	
Hardness, as CaCO₃ by Titrimetric	Analytical Method: EPA 130.2 / SM2340B							Analyzed by: NP		
Hardness (as CaCO ₃)	14	mg/L	5	3.0	1			09/13/08 00:00	WTI 1621	

Lab ID: **I080781004** Date Collected: 8/18/2008 11:00 Matrix: Water
 Sample ID: **SJRUS-020** Date Received: 8/19/2008 07:51

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method: EPA 160.2 / SM2540D							Analyzed by: AMS		
Total Suspended Solids	45	mg/L	3	2.0	1			08/19/08 13:05	BIO 5879	
Biochemical Oxygen Demand/5-Day	Prep Method: EPA 405.1 / SM5210B						Prep by: KMC	Analyzed by: KMC		
	Analytical Method: EPA 405.1 / SM5210B									
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/19/08 12:28	BOD 3861	08/24/08 00:00	BOD 3862	
Mercury Analysis, Trace Level, Dissolved	Prep Method: EPA 1631E (filtered)						Prep by: UK	Analyzed by: SMD		
	Analytical Method: EPA 1631E (filtered)									
Mercury	0.0016	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 13:04	MHG 2451	
Mercury Analysis, Trace Level	Prep Method: EPA 1631E						Prep by: UK	Analyzed by: SMD		
	Analytical Method: EPA 1631E									
Mercury	0.0072	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 11:48	MHG 2451	
Metals Analysis by ICPMS, Dissolved	Prep Method: EPA 200.8 (filtered)						Prep by: UK	Analyzed by: LM		
	Analytical Method: EPA 200.8 (filtered)									
Arsenic	5.1	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 04:01	MMS 4372	
Copper	1.8	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 17:03	MMS 4372	

9/15/2008 12:05

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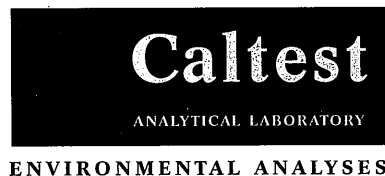
Page 7 of 24

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**ANALYTICAL RESULTS**

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID:	I080781004	Date Collected:	8/18/2008 11:00			Matrix:	Water			
Sample ID:	SJRUS-020	Date Received:	8/19/2008 07:51							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS	Prep Method:	EPA 200.8		Prep by: UK						
	Analytical Method:	EPA 200.8		Analyzed by: LM						
Aluminum	1200	ug/L	10	1.0	10	09/02/08 00:00	MPR 6509	09/09/08 18:22	MMS 4384	
Boron	1200	ug/L	10	7.0	10	09/02/08 00:00	MPR 6509	09/09/08 18:22	MMS 4384	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8		Prep by: UK						
	Analytical Method:	EPA 200.8		Analyzed by: LM						
Selenium (reaction cell)	2.0	ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/09/08 19:41	MMS 4384	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C		Analyzed by: JDC						
Total Kjeldahl Nitrogen	1.5	mg/L	0.1	0.060	1			08/30/08 00:00	WET 4594	
Turbidity Analysis	Analytical Method:	EPA 180.1		Analyzed by: NP						
Turbidity	20	NTU	0.05	0.020	1			08/19/08 10:16	WET 4549	
Nitrogen, Ammonia (as N)	Analytical Method:	EPA 350.2 / SM4500C		Analyzed by: NP						
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis	Analytical Method:	EPA 415.1 / SM5310B		Analyzed by: AL						
Total Organic Carbon	6.0	mg/L	0.5	0.10	1			08/28/08 00:00	WET 4598	
Hardness, as CaCO3 by Titrimetric	Analytical Method:	EPA 130.2 / SM2340B		Analyzed by: NP						
Hardness (as CaCO3)	300	mg/L	5	3.0	1			09/13/08 00:00	WTI 1621	

Lab ID: I080781005		Date Collected: 8/18/2008 11:20			Matrix: Water					
Sample ID: NWDS-020		Date Received: 8/19/2008 07:51								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	120	mg/L	3	2.0	1			08/19/08 13:05	BIO 5879	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/19/08 12:32	BOD 3861	08/24/08 00:00	BOD 3862	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by: UK			
		Analytical Method:		EPA 1631E (filtered)			Analyzed by: SMD			
Mercury	0.0015	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 13:09	MHG 2451	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by: UK			

9/15/2008 12:05

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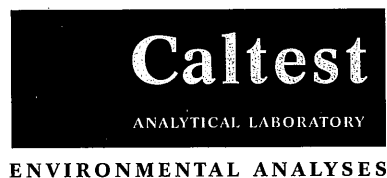
Page 8 of 24

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ANALYTICAL RESULTS

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID:	I080781005	Date Collected:	8/18/2008 11:20	Matrix:	Water					
Sample ID:	NWDS-020	Date Received:	8/19/2008 07:51							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
	Analytical Method:			EPA 1631E				Analyzed by: SMD		
Mercury	0.030	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 11:53	MHG 2451	
Metals Analysis by ICPMS, Dissolved	Prep Method:			EPA 200.8 (filtered)		Prep by: UK				
	Analytical Method:			EPA 200.8 (filtered)				Analyzed by: LM		
Arsenic	2.6	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 04:07	MMS 4372	
Copper	1.1	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 17:09	MMS 4372	
Metals Analysis by ICPMS	Prep Method:			EPA 200.8		Prep by: UK				
	Analytical Method:			EPA 200.8				Analyzed by: LM		
Aluminum	3200	ug/L	20	2.0	20	09/02/08 00:00	MPR 6509	09/09/08 19:02	MMS 4384	
Boron	150	ug/L	10	0.70	1	09/02/08 00:00	MPR 6509	09/09/08 19:48	MMS 4384	
Multi-Mode ICPMS Analysis	Prep Method:			EPA 200.8		Prep by: UK				
	Analytical Method:			EPA 200.8				Analyzed by: LM		
Selenium (reaction cell)	0.26	ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/09/08 19:48	MMS 4384	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:			EPA 351.3 / SM4500C				Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.88	mg/L	0.1	0.060	1			09/02/08 00:00	WET 4600	
Turbidity Analysis	Analytical Method:			EPA 180.1				Analyzed by: NP		
Turbidity	50	NTU	0.2	0.10	5			08/19/08 10:17	WET 4549	
Nitrogen, Ammonia (as N)	Analytical Method:			EPA 350.2 / SM4500C				Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis	Analytical Method:			EPA 415.1 / SM5310B				Analyzed by: AL		
Total Organic Carbon	3.3	mg/L	0.5	0.10	1			08/27/08 00:00	WET 4585	
Hardness, as CaCO3 by Titrimetric	Analytical Method:			EPA 130.2 / SM2340B				Analyzed by: NP		
Hardness (as CaCO3)	120	mg/L	20	15	5			09/13/08 00:00	WTI 1621	

Lab ID: I080781006		Date Collected: 8/18/2008 12:30		Matrix: Water					
Sample ID: SCL-007		Date Received: 8/19/2008 07:51							
Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D		Analyzed by: AMS			
Total Suspended Solids	31	mg/L	3	2.0	1		08/19/08 13:05	BIO 5879	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B		Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B		Analyzed by: KMC			

9/15/2008 12:05

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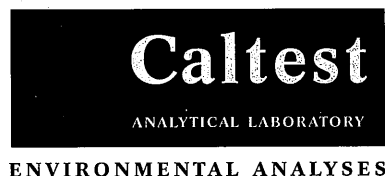
Page 9 of 24

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**ANALYTICAL RESULTS**

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID: I080781006

Date Collected: 8/18/2008 12:30

Matrix: Water

Sample ID: SCL-007

Date Received: 8/19/2008 07:51

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/19/08 12:36	BOD 3861	08/24/08 00:00	BOD 3862	
Mercury Analysis, Trace Level, Dissolved										
	Prep Method:		EPA 1631E (filtered)		Prep by: UK					
	Analytical Method:		EPA 1631E (filtered)		Analyzed by: SMD					
Mercury	0.0013	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 13:14	MHG 2451	
Mercury Analysis, Trace Level										
	Prep Method:		EPA 1631E		Prep by: UK					
	Analytical Method:		EPA 1631E		Analyzed by: SMD					
Mercury	0.0075	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 11:58	MHG 2451	
Metals Analysis by ICPMS, Dissolved										
	Prep Method:		EPA 200.8 (filtered)		Prep by: UK					
	Analytical Method:		EPA 200.8 (filtered)		Analyzed by: LM					
Arsenic	3.2	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 04:14	MMS 4372	
Copper	1.7	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 17:16	MMS 4372	
Metals Analysis by ICPMS										
	Prep Method:		EPA 200.8		Prep by: UK					
	Analytical Method:		EPA 200.8		Analyzed by: LM					
Aluminum	930	ug/L	10	0.50	5	09/02/08 00:00	MPR 6509	09/09/08 19:08	MMS 4384	
Boron	440	ug/L	10	3.5	5	09/02/08 00:00	MPR 6509	09/09/08 19:08	MMS 4384	
Multi-Mode ICPMS Analysis										
	Prep Method:		EPA 200.8		Prep by: UK					
	Analytical Method:		EPA 200.8		Analyzed by: LM					
Selenium (reaction cell)	0.87	ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/10/08 16:12	MMS 4384	
Nitrogen, Total Kjeldahl Analysis										
	Analytical Method:		EPA 351.3 / SM4500C		Analyzed by: JDC					
Total Kjeldahl Nitrogen	0.79	mg/L	0.1	0.060	1			09/02/08 00:00	WET 4600	
Turbidity Analysis										
	Analytical Method:		EPA 180.1		Analyzed by: NP					
Turbidity	16	NTU	0.05	0.020	1			08/19/08 10:19	WET 4549	
Nitrogen, Ammonia (as N)										
	Analytical Method:		EPA 350.2 / SM4500C		Analyzed by: NP					
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis										
	Analytical Method:		EPA 415.1 / SM5310B		Analyzed by: AL					
Total Organic Carbon	4.0	mg/L	0.5	0.10	1			08/27/08 00:00	WET 4585	
Hardness, as CaCO3 by Titrimetric										
	Analytical Method:		EPA 130.2 / SM2340B		Analyzed by: NP					
Hardness (as CaCO3)	210	mg/L	20	15	5			09/13/08 00:00	WTI 1621	

9/15/2008 12:05

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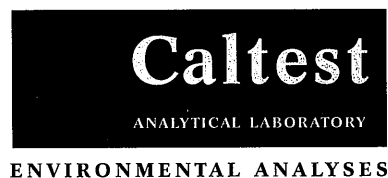
Page 10 of 24

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**ANALYTICAL RESULTS**

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID:	I080781007	Date Collected:	8/18/2008 13:00	Matrix:	Water					
Sample ID:	SJRDS-019	Date Received:	8/19/2008 07:51							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method: EPA 160.2 / SM2540D				Analyzed by: AMS				
Total Suspended Solids	89	mg/L	3	2.0	1			08/19/08 13:05	BIO 5879	
Biochemical Oxygen Demand/5-Day		Prep Method: EPA 405.1 / SM5210B				Prep by: KMC				
		Analytical Method: EPA 405.1 / SM5210B				Analyzed by: KMC				
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	08/19/08 12:38	BOD 3861	08/24/08 00:00	BOD 3862	
Mercury Analysis, Trace Level, Dissolved		Prep Method: EPA 1631E (filtered)				Prep by: UK				
		Analytical Method: EPA 1631E (filtered)				Analyzed by: SMD				
Mercury	0.0013	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 13:19	MHG 2451	
Mercury Analysis, Trace Level		Prep Method: EPA 1631E				Prep by: UK				
		Analytical Method: EPA 1631E				Analyzed by: SMD				
Mercury	0.018	ug/L	0.0005	0.00030	1	09/04/08 00:00	MPR 6517	09/05/08 12:03	MHG 2451	
Metals Analysis by ICPMS, Dissolved		Prep Method: EPA 200.8 (filtered)				Prep by: UK				
		Analytical Method: EPA 200.8 (filtered)				Analyzed by: LM				
Arsenic	3.3	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/04/08 04:20	MMS 4372	
Copper	1.3	ug/L	0.5	0.070	1	08/29/08 00:00	MPR 6498	09/05/08 17:22	MMS 4372	
Metals Analysis by ICPMS		Prep Method: EPA 200.8				Prep by: UK				
		Analytical Method: EPA 200.8				Analyzed by: LM				
Aluminum	2300	ug/L	20	2.0	20	09/02/08 00:00	MPR 6509	09/09/08 19:15	MMS 4384	
Boron	470	ug/L	10	2.8	4	09/02/08 00:00	MPR 6509	09/10/08 16:18	MMS 4384	
Multi-Mode ICPMS Analysis		Prep Method: EPA 200.8				Prep by: UK				
		Analytical Method: EPA 200.8				Analyzed by: LM				
Selenium (reaction cell)	0.72	ug/L	0.20	0.060	1	09/02/08 00:00	MPR 6509	09/10/08 16:25	MMS 4384	
Nitrogen,Total Kjeldahl Analysis		Analytical Method: EPA 351.3 / SM4500C				Analyzed by: JDC				
Total Kjeldahl Nitrogen	0.86	mg/L	0.1	0.060	1			09/02/08 00:00	WET 4600	
Turbidity Analysis		Analytical Method: EPA 180.1				Analyzed by: NP				
Turbidity	37	NTU	0.2	0.10	5			08/19/08 10:20	WET 4549	
Nitrogen, Ammonia (as N)		Analytical Method: EPA 350.2 / SM4500C				Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			08/22/08 00:00	WET 4558	
Total Organic Carbon Analysis		Analytical Method: EPA 415.1 / SM5310B				Analyzed by: AL				
Total Organic Carbon	4.0	mg/L	0.5	0.10	1			08/28/08 00:00	WET 4598	
Hardness, as CaCO3 by Titrimetric		Analytical Method: EPA 130.2 / SM2340B				Analyzed by: NP				
Hardness (as CaCO3)	170	mg/L	20	15	5			09/13/08 00:00	WTI 1621	

9/15/2008 12:05

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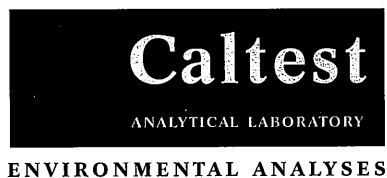
Page 11 of 24

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**ANALYTICAL RESULTS**

Lab Order: I080781

Project ID DMC 18600161.10005

Lab ID: I080781007**Date Collected: 8/18/2008 13:00****Matrix: Water****Sample ID: SJRDS-019****Date Received: 8/19/2008 07:51**

Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

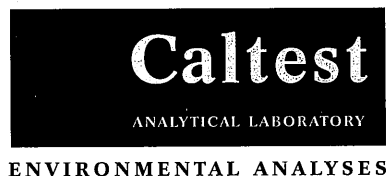
Page 12 of 24

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QUALITY CONTROL DATA

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description: Total Suspended Solids Analysis

QC Batch: BIO/5879

Analysis Method: EPA 160.2 / SM2540D

QC Batch Method: EPA 160.2 / SM2540D

METHOD BLANK: 230291

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 230292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	490	97	80-120	

SAMPLE DUPLICATE: 231331

Parameter	Units	I080001018 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	356	350	0.8	20	

Analysis Description: Biochemical Oxygen Demand/5-Day

QC Batch: BOD/3861

Analysis Method: EPA 405.1 / SM5210B

QC Batch Method: EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 232441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	330	83	80-120	

SAMPLE DUPLICATE: 232442

Parameter	Units	I080001018 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	782.38	770	1.2	20	

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REPORT OF LABORATORY ANALYSIS

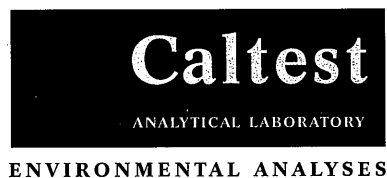
Page 13 of 24

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QUALITY CONTROL DATA

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6498
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 232457

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	J0.2	0.5 ug/L	
Copper	J0.1	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 232458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	96	85-115	
Copper	ug/L	20	20	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232459 232460

Parameter	Units	I080781001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.8	20	21	21	93	92	85-115	0.3	20	
Copper	ug/L	1.4	20	20	20	93	94	85-115	0.3	20	

Analysis Description:	Metals Analysis by ICPMS	QC Batch:	MPR/6509
Analysis Method:	EPA 200.8	QC Batch Method:	EPA 200.8

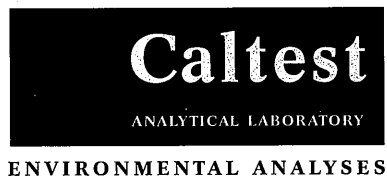
METHOD BLANK: 232750

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	J0.4	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

METHOD BLANK: 232750

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Boron	J2	10 ug/L	



**QUALITY CONTROL DATA**

Lab Order: 1080781

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS**QC Batch:** MPR/6509**Analysis Method:** EPA 200.8**QC Batch Method:** EPA 200.8**LABORATORY CONTROL SAMPLE:** 232751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	44	110	85-115	
Selenium (reaction cell)	ug/L	20	19	93	85-115	

LABORATORY CONTROL SAMPLE: 232751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron	ug/L	20	21	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232752 232753

Parameter	Units	1080781003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	25	40	69	70	110	113	85-115	1.5	20	
Selenium (reaction cell)	ug/L	0	20	20	20	101	99	85-115	1.9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232752 232753

Parameter	Units	1080781003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	2	20	22	22	98	99	85-115	0.1	20	

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6517**Analysis Method:** EPA 1631E (filtered)**QC Batch Method:** EPA 1631E (filtered)**Analysis Description:** Mercury Analysis, Trace Level**QC Batch:** MPR/6517**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**METHOD BLANK:** 233316

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

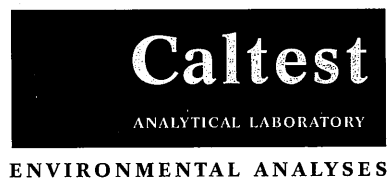
Page 15 of 24

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**QUALITY CONTROL DATA**

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level**QC Batch:** MPR/6517**Analysis Method:** EPA 1631E**QC Batch Method:** EPA 1631E**LABORATORY CONTROL SAMPLE:** 233317

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233318 233319

Parameter	Units	I080781001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.002	0.02	0.022	.023	100	105	71-125	4.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233320 233321

Parameter	Units	I080830001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0006	0.02	0.021	.021	104	103	71-125	0.5	20	

Analysis Description: Turbidity Analysis**QC Batch:** WET/4549**Analysis Method:** EPA 180.1**QC Batch Method:** EPA 180.1**METHOD BLANK:** 230599

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Turbidity	ND	0.05	NTU	

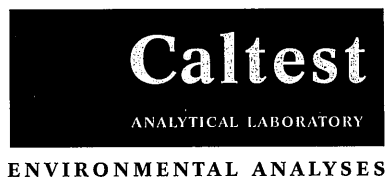
LABORATORY CONTROL SAMPLE: 230600

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.2	104	90-110	

SAMPLE DUPLICATE: 230601

Parameter	Units	I080742001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	3.33	3.4	1.2		



**QUALITY CONTROL DATA**

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Ammonia (as N)	QC Batch: WET/4558
Analysis Method: EPA 350.2 / SM4500C	QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 231179

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 231180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231181 231182

Parameter	Units	I080742001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0.066	5	5.1	4.9	100	97	90-110	2.9	20	

Analysis Description: Total Organic Carbon Analysis	QC Batch: WET/4584
Analysis Method: EPA 415.1 / SM5310B	QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 232232

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	J0.11	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 232233

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.1	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232234 232235

Parameter	Units	I080781001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	2.9	10	13	13	102	100	80-120	1.2	20	

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

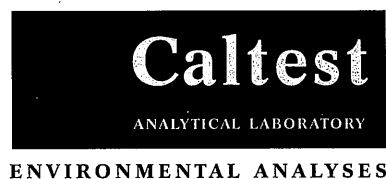
Page 17 of 24

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**QUALITY CONTROL DATA**

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4585
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 232236

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	JO.14	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 232237

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	9.2	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232238 232239

Parameter	Units	I080781003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	1.1	10	11	11	95	94	80-120	0.2	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4594
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

METHOD BLANK: 232496

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 232497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232498 232499

Parameter	Units	I080742001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.99	5	6.1	6.1	102	101	90-110	0.5	20	

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

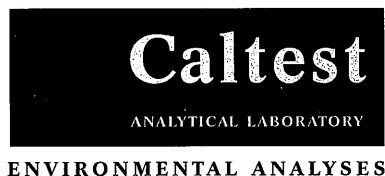
Page 18 of 24



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**QUALITY CONTROL DATA**

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4598
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 232540

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	J0.12	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 232541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232542 232543

Parameter	Units	I080781002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3.1	10	13	13	96	97	80-120	0.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232544 232545

Parameter	Units	I080781004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	6	10	16	15	96	94	80-120	0.9	20	

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4600
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

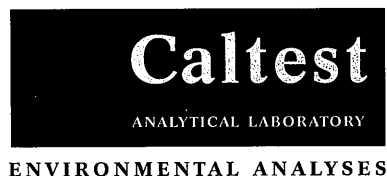
METHOD BLANK: 232853

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 232854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.2	103	90-110	





QUALITY CONTROL DATA

Lab Order: I080781

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Total Kjeldahl Analysis	QC Batch:	WET/4600
Analysis Method:	EPA 351.3 / SM4500C	QC Batch Method:	EPA 351.3 / SM4500C

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 232855 232856

Parameter	Units	I080781005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.88	5	5.9	6	100	103	90-110	2.2	20	

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1621
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 235019

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Hardness (as CaCO ₃)	ND	5	mg/L	

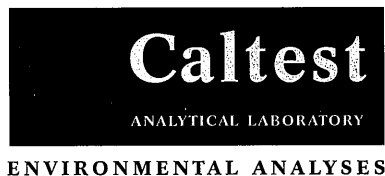
LABORATORY CONTROL SAMPLE: 235020

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235021 235022

Parameter	Units	I080714001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	86	100	190	190	102	106	80-120	2.1	20	





QUALITY CONTROL DATA QUALIFIERS

Lab Order: I080781

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080781

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080781001	DMC-001	EPA 160.2 / SM2540D	BIO/5879		
I080781002	NWUS-019	EPA 160.2 / SM2540D	BIO/5879		
I080781003	NWUS-019 EB	EPA 160.2 / SM2540D	BIO/5879		
I080781004	SJRUS-020	EPA 160.2 / SM2540D	BIO/5879		
I080781005	NWDS-020	EPA 160.2 / SM2540D	BIO/5879		
I080781006	SCL-007	EPA 160.2 / SM2540D	BIO/5879		
I080781007	SJRDS-019	EPA 160.2 / SM2540D	BIO/5879		
I080781001	DMC-001	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781002	NWUS-019	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781003	NWUS-019 EB	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781004	SJRUS-020	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781005	NWDS-020	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781006	SCL-007	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781007	SJRDS-019	EPA 405.1 / SM5210B	BOD/3861	EPA 405.1 / SM5210B	BOD/3862
I080781001	DMC-001	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781001	DMC-001	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781002	NWUS-019	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781002	NWUS-019	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781003	NWUS-019 EB	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781003	NWUS-019 EB	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781004	SJRUS-020	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781004	SJRUS-020	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781005	NWDS-020	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781005	NWDS-020	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781006	SCL-007	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781006	SCL-007	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781007	SJRDS-019	EPA 1631E	MPR/6517	EPA 1631E	MHG/2451
I080781007	SJRDS-019	EPA 1631E (filtered)	MPR/6517	EPA 1631E (filtered)	MHG/2451
I080781001	DMC-001	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372
I080781002	NWUS-019	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372

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REPORT OF LABORATORY ANALYSIS

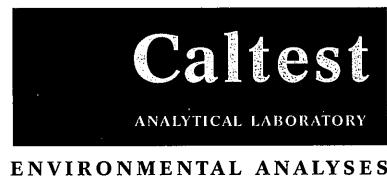
Page 22 of 24

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080781

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080781003	NWUS-019 EB	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372
I080781004	SJRUS-020	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372
I080781005	NWDS-020	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372
I080781006	SCL-007	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372
I080781007	SJRDS-019	EPA 200.8 (filtered)	MPR/6498	EPA 200.8 (filtered)	MMS/4372
I080781001	DMC-001	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781002	NWUS-019	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781003	NWUS-019 EB	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781004	SJRUS-020	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781005	NWDS-020	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781006	SCL-007	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781007	SJRDS-019	EPA 200.8	MPR/6509	EPA 200.8	MMS/4384
I080781001	DMC-001	EPA 180.1	WET/4549		
I080781002	NWUS-019	EPA 180.1	WET/4549		
I080781003	NWUS-019 EB	EPA 180.1	WET/4549		
I080781004	SJRUS-020	EPA 180.1	WET/4549		
I080781005	NWDS-020	EPA 180.1	WET/4549		
I080781006	SCL-007	EPA 180.1	WET/4549		
I080781007	SJRDS-019	EPA 180.1	WET/4549		
I080781001	DMC-001	EPA 350.2 / SM4500C	WET/4558		
I080781002	NWUS-019	EPA 350.2 / SM4500C	WET/4558		
I080781003	NWUS-019 EB	EPA 350.2 / SM4500C	WET/4558		
I080781004	SJRUS-020	EPA 350.2 / SM4500C	WET/4558		
I080781005	NWDS-020	EPA 350.2 / SM4500C	WET/4558		
I080781006	SCL-007	EPA 350.2 / SM4500C	WET/4558		
I080781007	SJRDS-019	EPA 350.2 / SM4500C	WET/4558		
I080781001	DMC-001	EPA 415.1 / SM5310B	WET/4584		
I080781003	NWUS-019 EB	EPA 415.1 / SM5310B	WET/4585		
I080781005	NWDS-020	EPA 415.1 / SM5310B	WET/4585		
I080781006	SCL-007	EPA 415.1 / SM5310B	WET/4585		
I080781001	DMC-001	EPA 351.3 / SM4500C	WET/4594		
I080781002	NWUS-019	EPA 351.3 / SM4500C	WET/4594		
I080781003	NWUS-019 EB	EPA 351.3 / SM4500C	WET/4594		

9/15/2008 12:05

REPORT OF LABORATORY ANALYSIS

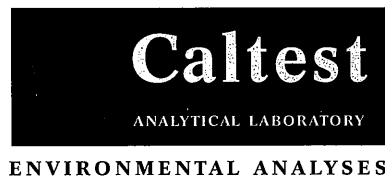
Page 23 of 24

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I080781

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I080781004	SJRUS-020	EPA 351.3 / SM4500C	WET/4594		
I080781002	NWUS-019	EPA 415.1 / SM5310B	WET/4598		
I080781004	SJRUS-020	EPA 415.1 / SM5310B	WET/4598		
I080781007	SJRDS-019	EPA 415.1 / SM5310B	WET/4598		
I080781005	NWDS-020	EPA 351.3 / SM4500C	WET/4600		
I080781006	SCL-007	EPA 351.3 / SM4500C	WET/4600		
I080781007	SJRDS-019	EPA 351.3 / SM4500C	WET/4600		
I080781001	DMC-001	EPA 130.2 / SM2340B	WTI/1621		
I080781002	NWUS-019	EPA 130.2 / SM2340B	WTI/1621		
I080781003	NWUS-019 EB	EPA 130.2 / SM2340B	WTI/1621		
I080781004	SJRUS-020	EPA 130.2 / SM2340B	WTI/1621		
I080781005	NWDS-020	EPA 130.2 / SM2340B	WTI/1621		
I080781006	SCL-007	EPA 130.2 / SM2340B	WTI/1621		
I080781007	SJRDS-019	EPA 130.2 / SM2340B	WTI/1621		





500 12th Street, Suite 200
Oakland, CA 94607-4014
(510) 893-3600

1080781
Chain of Custody Record

PROJECT NO.

18600161-10DD5

SAMPLERS: (Signature)

DATE

TIME

SAMPLE NUMBER

Sample Matrix
(Soil, Water, Air)

EPA Method

EPA Method

EPA Method

EPA Method

ANALYSES

BOD, TSS, Turb

TKN, NH₃

TOL

metals Hardness

D metals

T+D Hg

E. coli

Number of Containers

REMARKS
(Sample
preservation,
handling
procedures, etc.)

- 1
- 2
- 3
- 4
- 5
- 6
- 7

8/16/03	945	DML-007
8/18	1015	NWUS-019
8/18	1015	NWUS-019 EB
8/18	1100	SJRS-020
8/18	1120	NWDS-020
8/18	1230	SCL-007
8/18	1300	SJRS-019

X	X	X	X	X	X				
X	X	X	X	X	X				
X	X	X	X	X	X				
X	X	X	X	X	X				
X	X	X	X	X	X				
X	X	X	X	X	X				
X	X	X	X	X	X				

8
8
8
8
8
8
8

Total metals
- T AL
- T B
- T Se
- Hardness

Diss Metals
- D As
- D Cu

T+D Hg
please take an
aliquot out
and filter for
diss Hg

Sub out for Se

RL as low
as possible
for Se

TEMP. (°C): 40L
SEALED: Y
INTACT: Y

TOTAL
NUMBER OF
CONTAINERS

86

RELINQUISHED BY:
(Signature)

DATE/TIME

RECEIVED BY:
(Signature)

RELINQUISHED BY:
(Signature)

DATE/TIME

RECEIVED BY:
(Signature)

METHOD OF SHIPMENT:

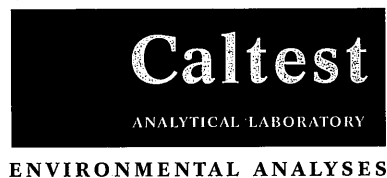
SHIPPED BY:
(Signature)

COURIER:
(Signature)

RECEIVED FOR LAB BY
(Signature)

DATE/TIME

8/19/03
0751



Tuesday, October 07, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: 1090369
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #:

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, September 09, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

10/7/2008 10:54

REPORT OF LABORATORY ANALYSIS

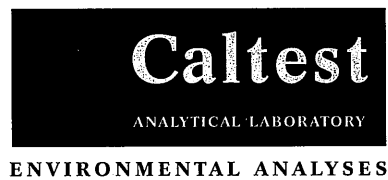
Page 1 of 28



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**SAMPLE SUMMARY**

Lab Order: I090369

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I090369001	DMC-010	Water	9/8/2008 11:30	9/9/2008 09:04
I090369002	NWUS-022	Water	9/8/2008 11:50	9/9/2008 09:04
I090369003	SJRUS-023	Water	9/8/2008 12:45	9/9/2008 09:04
I090369004	NWDS-023	Water	9/8/2008 13:15	9/9/2008 09:04
I090369005	SJRDS-022	Water	9/8/2008 14:20	9/9/2008 09:04
I090369006	SJRDS-022-DUP	Water	9/8/2008 14:25	9/9/2008 09:04
I090369007	SCL-010	Water	9/8/2008 15:10	9/9/2008 09:04
I090369008	SCL-010-FB	Water	9/8/2008 15:15	9/9/2008 09:04

10/7/2008 10:54

REPORT OF LABORATORY ANALYSIS

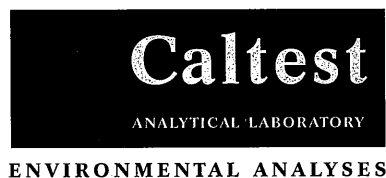
Page 2 of 28

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**NARRATIVE**

Lab Order: 1090369

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

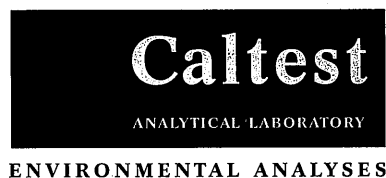
SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.

Qualifiers and Compound Notes

- 1 There is no result for the BOD analysis. The BOD batch was invalid due to lab error.
- 2 Analyte(s) reported as 'ND' means not detected at or above the listed Method Detection Limits (MDL).





ANALYTICAL RESULTS

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID:	I090369001	Date Collected:	9/8/2008 11:30	Matrix:	Water					
Sample ID:	DMC-010	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D				Analyzed by:		AMS	
Total Suspended Solids	9.0	mg/L	3	2.0	1			09/09/08 14:19	BIO 5951	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B				Prep by:		KMC	
	Analytical Method:		EPA 405.1 / SM5210B				Analyzed by:		LRU	
Biochemical Oxygen Demand	NR	mg/L	5	0.60	1	09/09/08 12:02	BOD 3936	09/14/08 00:00	BOD 3937	1
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)				Prep by:		UK	
	Analytical Method:		EPA 1631E (filtered)				Analyzed by:		SMD	
Mercury	0.0006	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 10:38	MHG 2476	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E				Prep by:		UK	
	Analytical Method:		EPA 1631E				Analyzed by:		SMD	
Mercury	0.0027	ug/L	0.0005	0.00030	1	09/22/08 00:00	MPR 6619	09/23/08 11:54	MHG 2472	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)				Prep by:		UK	
	Analytical Method:		EPA 200.8 (filtered)				Analyzed by:		LM	
Arsenic	2.9	ug/L	0.5	0.070	1	09/16/08 00:00	MPR 6585	09/19/08 06:14	MMS 4427	
Copper	1.2	ug/L	0.5	0.070	1	09/16/08 00:00	MPR 6585	09/22/08 21:22	MMS 4427	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8				Prep by:		UK	
	Analytical Method:		EPA 200.8				Analyzed by:		LM	
Aluminum	500	ug/L	10	0.40	4	09/16/08 00:00	MPR 6589	09/26/08 19:13	MMS 4431	
Boron	180	ug/L	10	0.70	1	09/16/08 00:00	MPR 6589	09/26/08 18:47	MMS 4431	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8				Prep by:		UK	
	Analytical Method:		EPA 200.8				Analyzed by:		LM	
Selenium (reaction cell)	0.21	ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 21:23	MMS 4431	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.42	mg/L	0.1	0.060	1			09/15/08 00:00	WET 4640	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by:		NP	
Turbidity	9.3	NTU	0.05	0.020	1			09/09/08 14:00	WET 4631	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/13/08 00:00	WET 4635	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by:		AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by:		NP	
Hardness (as CaCO3)	120	mg/L	5	3.0	1			09/14/08 00:00	WTI 1626	

10/7/2008 10:54

REPORT OF LABORATORY ANALYSIS

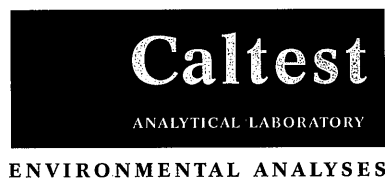
Page 4 of 28

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ANALYTICAL RESULTS

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID: I090369001	Date Collected: 9/8/2008 11:30	Matrix: Water
Sample ID: DMC-010	Date Received: 9/9/2008 09:04	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I090369002	Date Collected: 9/8/2008 11:50	Matrix: Water
Sample ID: NWUS-022	Date Received: 9/9/2008 09:04	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D	Analyzed by: AMS							
Total Suspended Solids	5.0 mg/L	3	2.0	1			09/09/08 14:19	BIO 5951		
Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B	Prep by: KMC							
	Analytical Method:	EPA 405.1 / SM5210B			Analyzed by: LRU					
Biochemical Oxygen Demand	NR mg/L	5	0.60	1	09/09/08 12:05	BOD 3936	09/14/08 00:00	BOD 3937	1	
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)	Prep by: UK							
	Analytical Method:	EPA 1631E (filtered)			Analyzed by: SMD					
Mercury	0.0009 ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 11:59	MHG 2476		
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E	Prep by: UK							
	Analytical Method:	EPA 1631E			Analyzed by: SMD					
Mercury	0.0029 ug/L	0.0005	0.00030	1	09/22/08 00:00	MPR 6619	09/23/08 11:59	MHG 2472		
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)	Prep by: UK							
	Analytical Method:	EPA 200.8 (filtered)			Analyzed by: LM					
Arsenic	2.8 ug/L	0.5	0.070	1	09/16/08 00:00	MPR 6586	09/19/08 08:20	MMS 4428		
Copper	1.3 ug/L	0.5	0.070	1	09/16/08 00:00	MPR 6586	09/22/08 20:29	MMS 4428		
Metals Analysis by ICPMS	Prep Method:	EPA 200.8	Prep by: UK							
	Analytical Method:	EPA 200.8			Analyzed by: LM					
Aluminum	520 ug/L	10	0.40	4	09/16/08 00:00	MPR 6589	09/26/08 19:20	MMS 4431		
Boron	170 ug/L	10	0.70	1	09/16/08 00:00	MPR 6589	09/26/08 20:39	MMS 4431		
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8	Prep by: UK							
	Analytical Method:	EPA 200.8			Analyzed by: LM					
Selenium (reaction cell)	0.21 ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 21:03	MMS 4431		
Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C			Analyzed by: JDC					
Total Kjeldahl Nitrogen	0.46 mg/L	0.1	0.060	1			09/16/08 17:33	WET 4646		
Turbidity Analysis	Analytical Method:	EPA 180.1			Analyzed by: NP					
Turbidity	9.2 NTU	0.05	0.020	1			09/09/08 14:04	WET 4631		

10/7/2008 10:54

REPORT OF LABORATORY ANALYSIS

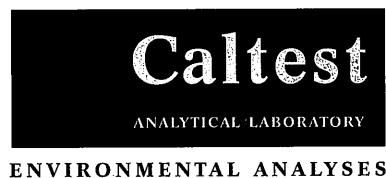
Page 5 of 28

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ANALYTICAL RESULTS

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID: I090369002		Date Collected: 9/8/2008 11:50		Matrix: Water					
Sample ID: NWUS-022		Date Received: 9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C			Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1		09/13/08 00:00	WET 4635	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B			Analyzed by: AL			
Total Organic Carbon	2.9	mg/L	0.5	0.10	1		09/11/08 00:00	WET 4652	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B			Analyzed by: NP			
Hardness (as CaCO3)	120	mg/L	5	3.0	1		09/14/08 00:00	WTI 1626	

Lab ID: I090369003		Date Collected: 9/8/2008 12:45		Matrix: Water					
Sample ID: SJRUS-023		Date Received: 9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D		Analyzed by:		AMS	
Total Suspended Solids	52	mg/L	3	2.0	1		09/09/08 14:19	BIO 5951	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B		Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B		Analyzed by:		LRU	
Biochemical Oxygen Demand	NR	mg/L	5	0.60	1	09/09/08 12:08	BOD 3936	09/14/08 00:00	BOD 3937 1
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)		Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)		Analyzed by:		SMD	
Mercury	0.0015	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 12:04	MHG 2476
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E		Prep by:		UK	
		Analytical Method:		EPA 1631E		Analyzed by:		SMD	
Mercury	0.0077	ug/L	0.0005	0.00030	1	09/22/08 00:00	MPR 6619	09/23/08 12:04	MHG 2472
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)		Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)		Analyzed by:		LM	
Arsenic	5.7	ug/L	0.5	0.070	1	09/16/08 00:00	MPR 6586	09/19/08 08:59	MMS 4428
Copper	1.2	ug/L	0.5	0.070	1	09/16/08 00:00	MPR 6586	09/22/08 20:56	MMS 4428
Metals Analysis by ICPMS		Prep Method:		EPA 200.8		Prep by:		UK	
		Analytical Method:		EPA 200.8		Analyzed by:		LM	
Aluminum	980	ug/L	10	1.0	10	09/16/08 00:00	MPR 6589	09/26/08 19:39	MMS 4431
Boron	1700	ug/L	10	7.0	10	09/16/08 00:00	MPR 6589	09/26/08 19:39	MMS 4431
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8		Prep by:		UK	
		Analytical Method:		EPA 200.8		Analyzed by:		LM	

10/7/2008 10:54

REPORT OF LABORATORY ANALYSIS

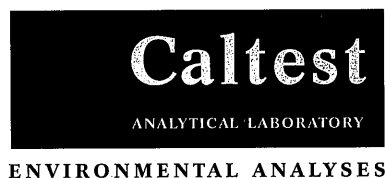
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ANALYTICAL RESULTS

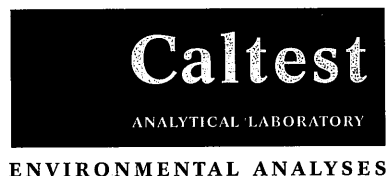
Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID:	I090369003	Date Collected:	9/8/2008 12:45	Matrix:	Water					
Sample ID:	SJRUS-023	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	2.9	ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 21:29	MMS 4431	
Nitrogen,Total Kjeldahl Analysis	Analytical Method: EPA 351.3 / SM4500C						Analyzed by: JDC			
Total Kjeldahl Nitrogen	1.2	mg/L	0.1	0.060	1			09/16/08 17:33	WET 4646	
Turbidity Analysis	Analytical Method: EPA 180.1						Analyzed by: NP			
Turbidity	16	NTU	0.05	0.020	1			09/09/08 14:09	WET 4631	
Nitrogen, Ammonia (as N)	Analytical Method: EPA 350.2 / SM4500C						Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/13/08 00:00	WET 4635	
Total Organic Carbon Analysis	Analytical Method: EPA 415.1 / SM5310B						Analyzed by: AL			
Total Organic Carbon	8.0	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4653	
Hardness, as CaCO3 by Titrimetric	Analytical Method: EPA 130.2 / SM2340B						Analyzed by: NP			
Hardness (as CaCO3)	500	mg/L	20	15	5			09/14/08 00:00	WTI 1626	

Lab ID:	I090369004	Date Collected:	9/8/2008 13:15	Matrix:	Water					
Sample ID:	NWDS-023	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D			Prepared		Analyzed by: AMS		
Total Suspended Solids	130	mg/L	3	2.0	1			09/09/08 14:19	BIO 5951	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC		Analyzed by: LRU		
	Analytical Method:		EPA 405.1 / SM5210B							
Biochemical Oxygen Demand	NR	mg/L	5	0.60	1	09/09/08 12:13	BOD 3936	09/14/08 00:00	BOD 3937	1
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0009	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 12:40	MHG 2476	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.021	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 10:54	MHG 2476	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.5	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/25/08 23:28	MMS 4435	
Copper	1.2	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/25/08 23:28	MMS 4435	





ANALYTICAL RESULTS

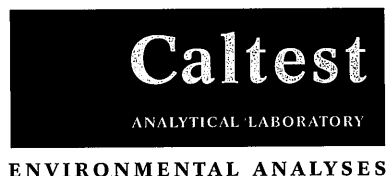
Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID:	I090369004	Date Collected:	9/8/2008 13:15	Matrix:	Water					
Sample ID:	NWDS-023	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	3100	ug/L	20	2.0	20	09/16/08 00:00	MPR 6589	09/26/08 19:46	MMS 4431	
Boron	130	ug/L	10	0.70	1	09/16/08 00:00	MPR 6589	09/26/08 20:45	MMS 4431	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.23	ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 21:56	MMS 4431	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	0.67	mg/L	0.1	0.060	1			09/16/08 17:33	WET 4646	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	NP	
Turbidity	29	NTU	0.1	0.040	2			09/09/08 14:15	WET 4631	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/13/08 00:00	WET 4635	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	AL	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4653	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	NP	
Hardness (as CaCO3)	140	mg/L	20	15	5			09/14/08 00:00	WTI 1626	

Lab ID: I090369005		Date Collected: 9/8/2008 14:20			Matrix: Water					
Sample ID: SJRDS-022		Date Received: 9/9/2008 09:04								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method: EPA 160.2 / SM2540D			Analyzed by: AMS					
Total Suspended Solids	100	mg/L	3	2.0	1			09/09/08 14:19	BIO 5951	
Biochemical Oxygen Demand/5-Day		Prep Method: EPA 405.1 / SM5210B			Prep by: KMC		Analyzed by: LRU			
		Analytical Method: EPA 405.1 / SM5210B								
Biochemical Oxygen Demand	NR	mg/L	5	0.60	1	09/09/08 12:16	BOD 3936	09/14/08 00:00	BOD 3937	1
Mercury Analysis, Trace Level, Dissolved		Prep Method: EPA 1631E (filtered)			Prep by: UK		Analyzed by: SMD			
		Analytical Method: EPA 1631E (filtered)								
Mercury	0.0010	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 12:45	MHG 2476	
Mercury Analysis, Trace Level		Prep Method: EPA 1631E			Prep by: UK					





ANALYTICAL RESULTS

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID:	I090369005	Date Collected:	9/8/2008 14:20	Matrix:	Water					
Sample ID:	SJRDS-022	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
	Analytical Method:			EPA 1631E			Analyzed by: SMD			
Mercury	0.020	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 10:59	MHG 2476	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)		Prep by: UK					
	Analytical Method:		EPA 200.8 (filtered)		Analyzed by: LM					
Arsenic	3.0	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/25/08 23:48	MMS 4435	
Copper	1.3	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/25/08 23:48	MMS 4435	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8		Prep by: UK					
	Analytical Method:		EPA 200.8		Analyzed by: LM					
Aluminum	2600	ug/L	20	2.0	20	09/16/08 00:00	MPR 6589	09/26/08 19:52	MMS 4431	
Boron	390	ug/L	10	2.8	4	09/16/08 00:00	MPR 6589	09/26/08 20:52	MMS 4431	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8		Prep by: UK					
	Analytical Method:		EPA 200.8		Analyzed by: LM					
Selenium (reaction cell)	0.71	ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 22:02	MMS 4431	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C		Analyzed by: JDC					
Total Kjeldahl Nitrogen	0.71	mg/L	0.1	0.060	1			09/16/08 17:33	WET 4646	
Turbidity Analysis	Analytical Method:		EPA 180.1		Analyzed by: NP					
Turbidity	27	NTU	0.1	0.040	2			09/09/08 14:24	WET 4631	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C		Analyzed by: NP					
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/13/08 00:00	WET 4636	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B		Analyzed by: AL					
Total Organic Carbon	3.7	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4653	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B		Analyzed by: NP					
Hardness (as CaCO3)	200	mg/L	20	15	5			09/14/08 00:00	WTI 1626	

Lab ID:	I090369006	Date Collected:	9/8/2008 14:25	Matrix:	Water					
Sample ID:	SJRDS-022-DUP	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	100	mg/L	3	2.0	1			09/09/08 14:19	BIO 5951	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: LRU			

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

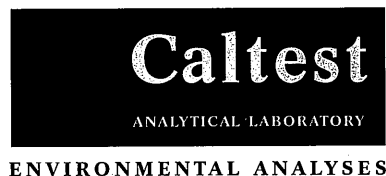
Page 9 of 28

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**ANALYTICAL RESULTS**

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID:	I090369006	Date Collected:	9/8/2008 14:25	Matrix:	Water					
Sample ID:	SJRDS-022-DUP	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Biochemical Oxygen Demand	NR	mg/L	5	0.60	1	09/09/08 12:18	BOD 3936	09/14/08 00:00	BOD 3937	1
Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)	Prep by:	UK						
	Analytical Method:	EPA 1631E (filtered)	Analyzed by:	SMD						
Mercury	0.0011	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 12:50	MHG 2476	
Mercury Analysis, Trace Level	Prep Method:	EPA 1631E	Prep by:	UK						
	Analytical Method:	EPA 1631E	Analyzed by:	SMD						
Mercury	0.022	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 11:34	MHG 2476	
Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)	Prep by:	UK						
	Analytical Method:	EPA 200.8 (filtered)	Analyzed by:	LM						
Arsenic	3.0	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/25/08 23:54	MMS 4435	
Copper	1.3	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/25/08 23:54	MMS 4435	
Metals Analysis by ICPMS	Prep Method:	EPA 200.8	Prep by:	UK						
	Analytical Method:	EPA 200.8	Analyzed by:	LM						
Aluminum	2400	ug/L	20	2.0	20	09/16/08 00:00	MPR 6589	09/26/08 19:59	MMS 4431	
Boron	380	ug/L	10	2.8	4	09/16/08 00:00	MPR 6589	09/26/08 20:58	MMS 4431	
Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8	Prep by:	UK						
	Analytical Method:	EPA 200.8	Analyzed by:	LM						
Selenium (reaction cell)	0.67	ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 22:09	MMS 4431	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C	Analyzed by:	JDC						
Total Kjeldahl Nitrogen	0.78	mg/L	0.1	0.060	1			09/17/08 11:47	WET 4649	
Turbidity Analysis	Analytical Method:	EPA 180.1	Analyzed by:	NP						
Turbidity	33	NTU	0.1	0.040	2			09/09/08 14:30	WET 4631	
Nitrogen, Ammonia (as N)	Analytical Method:	EPA 350.2 / SM4500C	Analyzed by:	NP						
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/13/08 00:00	WET 4636	
Total Organic Carbon Analysis	Analytical Method:	EPA 415.1 / SM5310B	Analyzed by:	AL						
Total Organic Carbon	3.6	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4653	
Hardness, as CaCO3 by Titrimetric	Analytical Method:	EPA 130.2 / SM2340B	Analyzed by:	NP						
Hardness (as CaCO3)	210	mg/L	20	15	5			09/14/08 00:00	WTI 1626	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

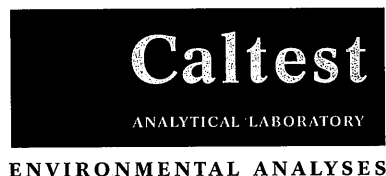
Page 10 of 28

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ANALYTICAL RESULTS

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID:	I090369007	Date Collected:	9/8/2008 15:10	Matrix:	Water					
Sample ID:	SCL-010	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	24	mg/L	3	2.0	1			09/09/08 14:19	BIO 5951	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		LRU	
Biochemical Oxygen Demand	NR	mg/L	5	0.60	1	09/09/08 12:21	BOD 3936	09/14/08 00:00	BOD 3937	1
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0012	ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621	09/24/08 12:55	MHG 2476	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0067	ug/L	0.0005	0.00030	1	09/25/08 00:00	MPR 6638	09/26/08 11:07	MHG 2482	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.9	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/26/08 00:01	MMS 4435	
Copper	1.6	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602	09/26/08 00:01	MMS 4435	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	980	ug/L	10	1.0	10	09/16/08 00:00	MPR 6589	09/26/08 20:06	MMS 4431	
Boron	360	ug/L	10	2.8	4	09/16/08 00:00	MPR 6589	09/26/08 21:05	MMS 4431	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	0.57	ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589	09/25/08 22:15	MMS 4431	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.67	mg/L	0.1	0.060	1			09/17/08 11:47	WET 4649	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		NP	
Turbidity	15	NTU	0.05	0.020	1			09/09/08 14:33	WET 4631	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/13/08 00:00	WET 4636	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		AL	
Total Organic Carbon	3.8	mg/L	0.5	0.10	1			09/11/08 00:00	WET 4653	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		NP	
Hardness (as CaCO3)	240	mg/L	20	15	5			09/14/08 00:00	WTI 1626	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

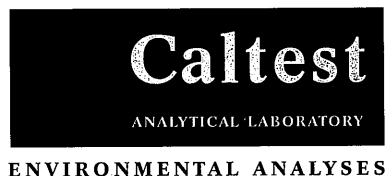
Page 11 of 28

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ANALYTICAL RESULTS

Lab Order: I090369

Project ID DMC 18600161.10005

Lab ID: I090369007	Date Collected: 9/8/2008 15:10	Matrix: Water
Sample ID: SCL-010	Date Received: 9/9/2008 09:04	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I090369008	Date Collected: 9/8/2008 15:15	Matrix: Water
Sample ID: SCL-010-FB	Date Received: 9/9/2008 09:04	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	ND mg/L	3	2.0	1				09/09/08 14:19	BIO 5951	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: LRU		
Biochemical Oxygen Demand	NR mg/L	5	0.60	1	09/09/08 12:24	BOD 3936		09/14/08 00:00	BOD 3937	1

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	ND ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621		09/24/08 11:24	MHG 2476	2

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	ND ug/L	0.0005	0.00030	1	09/23/08 00:00	MPR 6621		09/24/08 11:19	MHG 2476	2

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	ND ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602		09/26/08 00:07	MMS 4435	2
Copper	ND ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6602		09/26/08 00:07	MMS 4435	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	120 ug/L	10	0.10	1	09/16/08 00:00	MPR 6589		09/26/08 20:12	MMS 4431	
Boron	ND ug/L	10	0.70	1	09/16/08 00:00	MPR 6589		09/26/08 20:12	MMS 4431	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	ND ug/L	0.20	0.060	1	09/16/08 00:00	MPR 6589		09/25/08 22:22	MMS 4431	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	ND mg/L	0.1	0.060	1				09/17/08 11:47	WET 4649	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: NP		
Turbidity	0.27 NTU	0.05	0.020	1				09/09/08 14:40	WET 4631	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

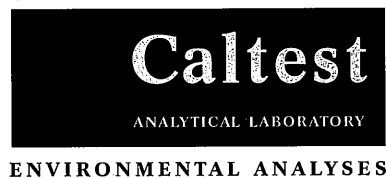
Page 12 of 28

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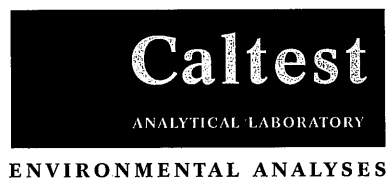
ANALYTICAL RESULTS

Lab Order: 1090369

Project ID DMC 18600161.10005

Lab ID:	1090369008	Date Collected:	9/8/2008 15:15	Matrix:	Water					
Sample ID:	SCL-010-FB	Date Received:	9/9/2008 09:04							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method:			EPA 350.2 / SM4500C			Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1		09/13/08 00:00	WET 4636		
Total Organic Carbon Analysis	Analytical Method:			EPA 415.1 / SM5310B			Analyzed by: AL			
Total Organic Carbon	0.56	mg/L	0.5	0.10	1		09/11/08 00:00	WET 4653		
Hardness, as CaCO3 by Titrimetric	Analytical Method:			EPA 130.2 / SM2340B			Analyzed by: NP			
Hardness (as CaCO3)	J4.0	mg/L	5	3.0	1		09/14/08 00:00	WTI 1626		





QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Total Suspended Solids Analysis**QC Batch:** BIO/5951**Analysis Method:** EPA 160.2 / SM2540D**QC Batch Method:** EPA 160.2 / SM2540D**METHOD BLANK:** 234039

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 234040

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	480	96	80-120	

SAMPLE DUPLICATE: 235150

Parameter	Units	I090369003 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	52	51	1.9	20	

Analysis Description: Biochemical Oxygen Demand/5-Day**QC Batch:** BOD/3936**Analysis Method:** EPA 405.1 / SM5210B**QC Batch Method:** EPA 405.1 / SM5210B**LABORATORY CONTROL SAMPLE:** 238936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	0	0	80-120	1

Analysis Description: Metals Analysis by ICPMS, Dissolved**QC Batch:** MPR/6585**Analysis Method:** EPA 200.8 (filtered)**QC Batch Method:** EPA 200.8 (filtered)**METHOD BLANK:** 235483

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	

METHOD BLANK: 235483

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

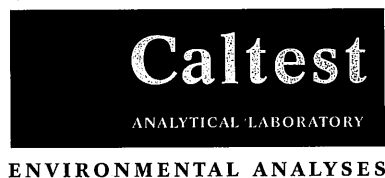
Page 14 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6585
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 235484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	95	85-115	
Copper	ug/L	20	21	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235485 235486

Parameter	Units	I090369001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.9	20	21	21	92	92	85-115	0.3	20	
Copper	ug/L	1.2	20	21	21	100	98	85-115	1.8	20	

Analysis Description:	Metals Analysis by ICPMS, Dissolved	QC Batch:	MPR/6586
Analysis Method:	EPA 200.8 (filtered)	QC Batch Method:	EPA 200.8 (filtered)

METHOD BLANK: 235489

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	

METHOD BLANK: 235489

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 235490

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	20	99	85-115	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

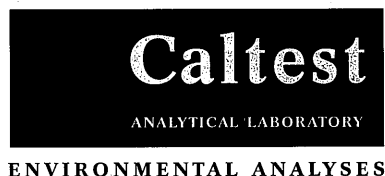
Page 15 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved

QC Batch: MPR/6586

Analysis Method: EPA 200.8 (filtered)

QC Batch Method: EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235491 235492

Parameter	Units	I090369002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.8	20	22	22	95	96	85-115	0.9	20	
Copper	ug/L	1.3	20	21	21	99	99	85-115	0.2	20	

Analysis Description: Metals Analysis by ICPMS

QC Batch: MPR/6589

Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8

METHOD BLANK: 235505

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	J0.3	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

METHOD BLANK: 235505

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Boron	ND	10 ug/L	

LABORATORY CONTROL SAMPLE: 235506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	45	112	85-115	
Boron	ug/L	20	22	108	85-115	
Selenium (reaction cell)	ug/L	20	20	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235507 235508

Parameter	Units	I090369002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Boron	ug/L	170	20	200	200	134	142	85-115	0.8	20 3	
Selenium (reaction cell)	ug/L	0.21	20	20	20	100	100	85-115	0.5	20	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

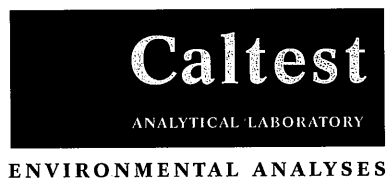
Page 16 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS

QC Batch: MPR/6589

Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235507 235508

Parameter	Units	I090369002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Aluminum	ug/L	520	40	1200	1200	1597	1665	85-115	2.3	20	3

Analysis Description: Metals Analysis by ICPMS, Dissolved

QC Batch: MPR/6602

Analysis Method: EPA 200.8 (filtered)

QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 236036

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Arsenic	ND	0.5	ug/L	
Copper	ND	0.5	ug/L	

LABORATORY CONTROL SAMPLE: 236037

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	19	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236038 236039

Parameter	Units	I090369004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.5	20	22	22	96	96	85-115	0.4	20	
Copper	ug/L	1.2	20	20	20	96	95	85-115	1.3	20	

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6619

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

METHOD BLANK: 236568

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

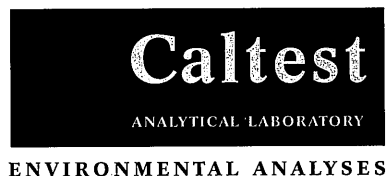
Page 17 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6619

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

LABORATORY CONTROL SAMPLE: 236569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236570 236571

Parameter	Units	I090303003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.01	0.02	0.032	.033	109	115	71-125	4	20	

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6621

Analysis Method: EPA 1631E (filtered)

QC Batch Method: EPA 1631E (filtered)

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6621

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

METHOD BLANK: 236751

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Mercury	ND	0.0005	ug/L	

LABORATORY CONTROL SAMPLE: 236752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.02	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236753 236754

Parameter	Units	I090369001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0006	0.02	0.022	.022	107	106	71-125	0.5	20	

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REPORT OF LABORATORY ANALYSIS

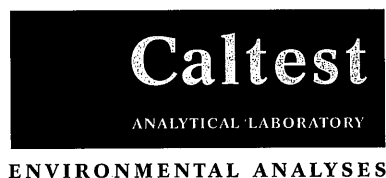
Page 18 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6621

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236755 236756

Parameter	Units	I090398001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0038	0.02	0.026	.025	111	107	71-125	2.7	20	

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6638

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

METHOD BLANK: 237178

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 237179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.021	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237182 237183

Parameter	Units	I090727004 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.002	0.02	0.023	.024	106	109	71-125	2.4	20	

Analysis Description: Turbidity Analysis

QC Batch: WET/4631

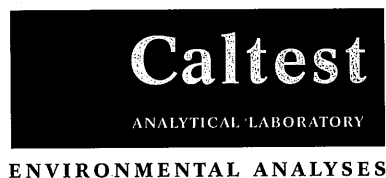
Analysis Method: EPA 180.1

QC Batch Method: EPA 180.1

METHOD BLANK: 234957

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Turbidity	ND	0.05 NTU	





QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis

QC Batch: WET/4631

Analysis Method: EPA 180.1

QC Batch Method: EPA 180.1

LABORATORY CONTROL SAMPLE: 234958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4	100	90-110	

SAMPLE DUPLICATE: 234959

Parameter	Units	I090369001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	9.3	9.8	4.8		

Analysis Description: Nitrogen, Ammonia (as N)

QC Batch: WET/4635

Analysis Method: EPA 350.2 / SM4500C

QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 235007

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Ammonia (as N)	ND	0.1	mg/L	

LABORATORY CONTROL SAMPLE: 235008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235009 235010

Parameter	Units	I090362001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.8	4.9	96	98	90-110	1.6	20	

Analysis Description: Nitrogen, Ammonia (as N)

QC Batch: WET/4636

Analysis Method: EPA 350.2 / SM4500C

QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 235011

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

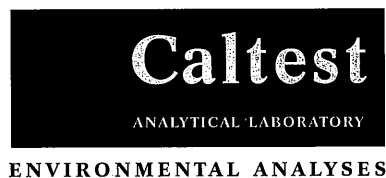
Page 20 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Ammonia (as N)	QC Batch: WET/4636
Analysis Method: EPA 350.2 / SM4500C	QC Batch Method: EPA 350.2 / SM4500C

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 235012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235013 235014

Parameter	Units	I090461001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	5.1	5.1	101	101	90-110	0.4	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis	QC Batch: WET/4640
Analysis Method: EPA 351.3 / SM4500C	QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 235182

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 235183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235185 235186

Parameter	Units	I090286001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	4	5	9.1	9.1	101	103	90-110	0.8	20	

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

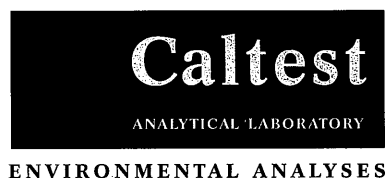
Page 21 of 28



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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Nitrogen, Total Kjeldahl Analysis

QC Batch: WET/4646

Analysis Method: EPA 351.3 / SM4500C

QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 235479

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 235480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235481 235482

Parameter	Units	I090369002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.46	5	5.5	5.4	101	99	90-110	1.8	20	

Analysis Description: Nitrogen, Total Kjeldahl Analysis

QC Batch: WET/4649

Analysis Method: EPA 351.3 / SM4500C

QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 235738

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 235739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235740 235741

Parameter	Units	I090407001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.33	5	5.4	5.4	101	101	90-110	0.6	20	

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REPORT OF LABORATORY ANALYSIS

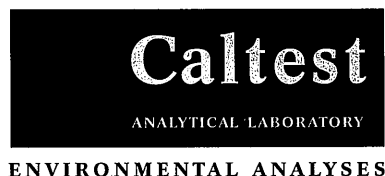
Page 22 of 28



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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description: Total Organic Carbon Analysis

QC Batch: WET/4652

Analysis Method: EPA 415.1 / SM5310B

QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 235988

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	J0.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 235989

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235992 235993

Parameter	Units	I090082002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.54	10	10	10	94	95	80-120	0.3	20	

Analysis Description: Total Organic Carbon Analysis

QC Batch: WET/4653

Analysis Method: EPA 415.1 / SM5310B

QC Batch Method: EPA 415.1 / SM5310B

METHOD BLANK: 235994

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Organic Carbon	J0.16	0.5 mg/L	

LABORATORY CONTROL SAMPLE: 235995

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235996 235997

Parameter	Units	I090369003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	8	10	17	18	94	97	80-120	1.4	20	

10/7/2008 10:55

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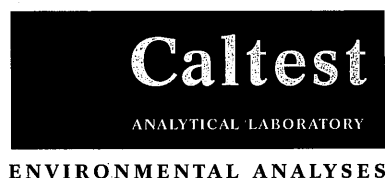
Page 23 of 28

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QUALITY CONTROL DATA

Lab Order: I090369

Project ID: DMC 18600161.10005

Analysis Description:	Hardness, as CaCO ₃ by Titrimetric	QC Batch:	WTI/1626
Analysis Method:	EPA 130.2 / SM2340B	QC Batch Method:	EPA 130.2 / SM2340B

METHOD BLANK: 235039

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Hardness (as CaCO ₃)	ND	5 mg/L	

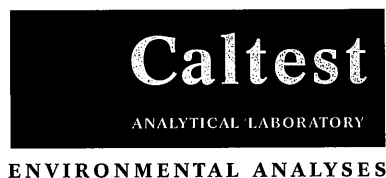
LABORATORY CONTROL SAMPLE: 235040

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235041 235042

Parameter	Units	I090433001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	86	100	190	190	102	104	80-120	1.1	20	



**QUALITY CONTROL DATA QUALIFIERS**

Lab Order: 1090369

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

Method Blanks are reported to the same Method Detection Limits (MDLs) or Reporting Limits (RLs) as the analytical samples in the corresponding QC batch.

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

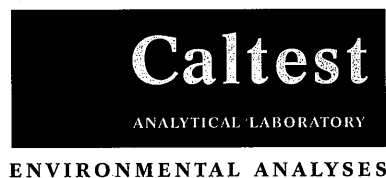
MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

- 1 There is no result for the BOD analysis. The BOD batch was invalid due to lab error.
- 3 Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090369

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090369001	DMC-010	EPA 160.2 / SM2540D	BIO/5951		
I090369002	NWUS-022	EPA 160.2 / SM2540D	BIO/5951		
I090369003	SJRUS-023	EPA 160.2 / SM2540D	BIO/5951		
I090369004	NWDS-023	EPA 160.2 / SM2540D	BIO/5951		
I090369005	SJRDS-022	EPA 160.2 / SM2540D	BIO/5951		
I090369006	SJRDS-022-DUP	EPA 160.2 / SM2540D	BIO/5951		
I090369007	SCL-010	EPA 160.2 / SM2540D	BIO/5951		
I090369008	SCL-010-FB	EPA 160.2 / SM2540D	BIO/5951		
I090369001	DMC-010	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369002	NWUS-022	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369003	SJRUS-023	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369004	NWDS-023	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369005	SJRDS-022	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369006	SJRDS-022-DUP	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369007	SCL-010	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369008	SCL-010-FB	EPA 405.1 / SM5210B	BOD/3936	EPA 405.1 / SM5210B	BOD/3937
I090369001	DMC-010	EPA 1631E	MPR/6619	EPA 1631E	MHG/2472
I090369002	NWUS-022	EPA 1631E	MPR/6619	EPA 1631E	MHG/2472
I090369003	SJRUS-023	EPA 1631E	MPR/6619	EPA 1631E	MHG/2472
I090369001	DMC-010	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369002	NWUS-022	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369003	SJRUS-023	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369004	NWDS-023	EPA 1631E	MPR/6621	EPA 1631E	MHG/2476
I090369004	NWDS-023	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369005	SJRDS-022	EPA 1631E	MPR/6621	EPA 1631E	MHG/2476
I090369005	SJRDS-022	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369006	SJRDS-022-DUP	EPA 1631E	MPR/6621	EPA 1631E	MHG/2476
I090369006	SJRDS-022-DUP	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369007	SCL-010	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476
I090369008	SCL-010-FB	EPA 1631E	MPR/6621	EPA 1631E	MHG/2476
I090369008	SCL-010-FB	EPA 1631E (filtered)	MPR/6621	EPA 1631E (filtered)	MHG/2476

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

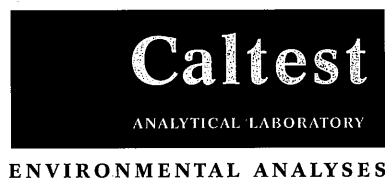
Page 26 of 28

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090369

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090369007	SCL-010	EPA 1631E	MPR/6638	EPA 1631E	MHG/2482
I090369001	DMC-010	EPA 200.8 (filtered)	MPR/6585	EPA 200.8 (filtered)	MMS/4427
I090369002	NWUS-022	EPA 200.8 (filtered)	MPR/6586	EPA 200.8 (filtered)	MMS/4428
I090369003	SJRUS-023	EPA 200.8 (filtered)	MPR/6586	EPA 200.8 (filtered)	MMS/4428
I090369001	DMC-010	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369002	NWUS-022	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369003	SJRUS-023	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369004	NWDS-023	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369005	SJRDS-022	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369006	SJRDS-022-DUP	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369007	SCL-010	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369008	SCL-010-FB	EPA 200.8	MPR/6589	EPA 200.8	MMS/4431
I090369004	NWDS-023	EPA 200.8 (filtered)	MPR/6602	EPA 200.8 (filtered)	MMS/4435
I090369005	SJRDS-022	EPA 200.8 (filtered)	MPR/6602	EPA 200.8 (filtered)	MMS/4435
I090369006	SJRDS-022-DUP	EPA 200.8 (filtered)	MPR/6602	EPA 200.8 (filtered)	MMS/4435
I090369007	SCL-010	EPA 200.8 (filtered)	MPR/6602	EPA 200.8 (filtered)	MMS/4435
I090369008	SCL-010-FB	EPA 200.8 (filtered)	MPR/6602	EPA 200.8 (filtered)	MMS/4435
I090369001	DMC-010	EPA 180.1	WET/4631		
I090369002	NWUS-022	EPA 180.1	WET/4631		
I090369003	SJRUS-023	EPA 180.1	WET/4631		
I090369004	NWDS-023	EPA 180.1	WET/4631		
I090369005	SJRDS-022	EPA 180.1	WET/4631		
I090369006	SJRDS-022-DUP	EPA 180.1	WET/4631		
I090369007	SCL-010	EPA 180.1	WET/4631		
I090369008	SCL-010-FB	EPA 180.1	WET/4631		
I090369001	DMC-010	EPA 350.2 / SM4500C	WET/4635		
I090369002	NWUS-022	EPA 350.2 / SM4500C	WET/4635		
I090369003	SJRUS-023	EPA 350.2 / SM4500C	WET/4635		
I090369004	NWDS-023	EPA 350.2 / SM4500C	WET/4635		
I090369005	SJRDS-022	EPA 350.2 / SM4500C	WET/4635		
I090369006	SJRDS-022-DUP	EPA 350.2 / SM4500C	WET/4635		

10/7/2008 10:55

REPORT OF LABORATORY ANALYSIS

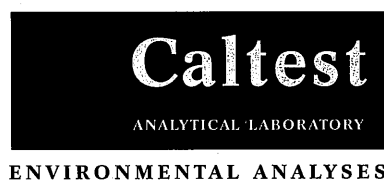
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090369

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090369007	SCL-010	EPA 350.2 / SM4500C	WET/4636		
I090369008	SCL-010-FB	EPA 350.2 / SM4500C	WET/4636		
I090369001	DMC-010	EPA 351.3 / SM4500C	WET/4640		
I090369002	NWUS-022	EPA 351.3 / SM4500C	WET/4646		
I090369003	SJRUS-023	EPA 351.3 / SM4500C	WET/4646		
I090369004	NWDS-023	EPA 351.3 / SM4500C	WET/4646		
I090369005	SJRDS-022	EPA 351.3 / SM4500C	WET/4646		
I090369006	SJRDS-022-DUP	EPA 351.3 / SM4500C	WET/4649		
I090369007	SCL-010	EPA 351.3 / SM4500C	WET/4649		
I090369008	SCL-010-FB	EPA 351.3 / SM4500C	WET/4649		
I090369001	DMC-010	EPA 415.1 / SM5310B	WET/4652		
I090369002	NWUS-022	EPA 415.1 / SM5310B	WET/4652		
I090369003	SJRUS-023	EPA 415.1 / SM5310B	WET/4653		
I090369004	NWDS-023	EPA 415.1 / SM5310B	WET/4653		
I090369005	SJRDS-022	EPA 415.1 / SM5310B	WET/4653		
I090369006	SJRDS-022-DUP	EPA 415.1 / SM5310B	WET/4653		
I090369007	SCL-010	EPA 415.1 / SM5310B	WET/4653		
I090369008	SCL-010-FB	EPA 415.1 / SM5310B	WET/4653		
I090369001	DMC-010	EPA 130.2 / SM2340B	WTI/1626		
I090369002	NWUS-022	EPA 130.2 / SM2340B	WTI/1626		
I090369003	SJRUS-023	EPA 130.2 / SM2340B	WTI/1626		
I090369004	NWDS-023	EPA 130.2 / SM2340B	WTI/1626		
I090369005	SJRDS-022	EPA 130.2 / SM2340B	WTI/1626		
I090369006	SJRDS-022-DUP	EPA 130.2 / SM2340B	WTI/1626		
I090369007	SCL-010	EPA 130.2 / SM2340B	WTI/1626		
I090369008	SCL-010-FB	EPA 130.2 / SM2340B	WTI/1626		



I090369

URS500 12th Street, Suite 200
Oakland, CA 94607-4014
(510) 893-3600**Chain of Custody Record**

PROJECT NO.

18600161.10005

SAMPLERS: (Signature)

Sylvia Espando

DATE

TIME

SAMPLE NUMBER

Sample Matrix
(Soil, Water, Air)

EPA Method

EPA Method

EPA Method

EPA Method

ANALYSES

BOD, TSS, Turb.

TKN, NH₃

TOC

T. Metals, Hard.

D. Metals

T+D Hg

Number of Containers

REMARKS
(Sample
preservation,
handling
procedures, etc.)

- 1 9/8/08 1130 DMC-010

- 2 9/8/08 1150 NWUS-022

- 3 9/8/08 1245 SJRUS-023

- 4 9/8/08 1315 NWUS-023

- 5 9/8/08 1420 SJRDS-022

- 6 9/8/08 1425 SJRDS-022-DUP

- 7 9/8/08 1510 SCL-010

- 8 9/8/08 1515 SCL-010-FB

X X X X X X

X X X X X X

X X X X X X

X X X X X X

X X X X X X

X X X X X X

X X X X X X

X X X X X X

8

8

9

9

9

9

8

8

Total Metals

- T Al

- T B

- T Se

- Hardness

Diss Metals

- D As

- D Cu

T+D Hg

Please take

an aliquot

out and

filter for diss

RL as low as

possible for Se

TOTAL
NUMBER OF
CONTAINERS

68

RELINQUISHED BY:
(Signature)

Sylvia Espando

DATE/TIME

9/8/08 1545

RECEIVED BY:
(Signature)

Douglas

RELINQUISHED BY:
(Signature)

Douglas

DATE/TIME

9/9/0904

RECEIVED BY:
(Signature)Sylvia Espando
9/9/0904

METHOD OF SHIPMENT:

SHIPPED BY:
(Signature)COURIER:
(Signature)RECEIVED FOR LAB BY
(Signature)

DATE/TIME



Monday, October 06, 2008

Michelle Turner
URS
1333 Broadway Ste 800
Oakland, CA 94612

RE: Lab Order: I090641
Project ID: DMC 18600161.10005

Collected By: CLIENT
PO/Contract #:

Dear Michelle Turner:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, September 15, 2008. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Enclosures

Project Manager: Mike Hamilton

Lab Director: Christine Horn

10/6/2008 09:23

REPORT OF LABORATORY ANALYSIS

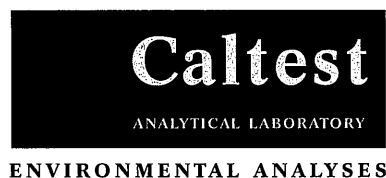
Page 1 of 23



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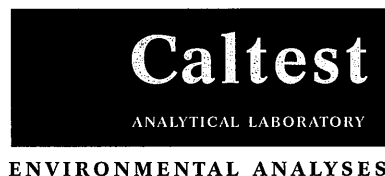
**SAMPLE SUMMARY**

Lab Order: I090641

Project ID: DMC 18600161.10005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
I090641001	NWUS-23	Water	9/15/2008 07:30	9/15/2008 16:22
I090641002	NWUS-23 DUP	Water	9/15/2008 07:40	9/15/2008 16:22
I090641003	SJRUS-24	Water	9/15/2008 10:40	9/15/2008 16:22
I090641004	NWDS-24	Water	9/15/2008 11:10	9/15/2008 16:22
I090641005	DMC-11	Water	9/15/2008 12:00	9/15/2008 16:22
I090641006	SJRDS-23	Water	9/15/2008 13:00	9/15/2008 16:22
I090641007	SCL-11	Water	9/15/2008 13:45	9/15/2008 16:22





NARRATIVE

Lab Order: 1090641

Project ID: DMC 18600161.10005

General Qualifiers and Notes

Caltest authorizes this report to be reproduced only in its entirety. Results are specific to the sample(s) as submitted and only to the parameter(s) reported.

Caltest certifies that all test results for wastewater and hazardous waste analyses meet all applicable NELAC requirements; all microbiology and drinking water testing meet applicable ELAP requirements, unless stated otherwise.

All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.

Caltest collects samples in compliance with 40 CFR, EPA Methods, Cal. Title 22, and Standard Methods.

Dilution Factors (DF) reported greater than '1' have been used to adjust the result, Reporting Limit (RL), and Method Detection Limit (MDL).

All Solid, sludge, and/or biosolids data is reported in Wet Weight, unless otherwise specified.

Laboratory filtration for dissolved metals (excluding mercury) and/or pH analysis was not performed within the 15 minute holding time as specified by 40CFR 136.3 table II.

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

ND - Non Detect - indicates analytical result has not been detected.

RL - Reporting Limit is the quantitation limit at which the laboratory is able to detect an analyte. An analyte not detected at or above the RL is reported as ND unless otherwise noted or qualified. For analyses pertaining to the State Implementation Plan of the California Toxics Rule, the Caltest Reporting Limit (RL) is equivalent to the Minimum Level (ML). A standard is always run at or below the ML. Where Reporting Limits are elevated due to dilution, the ML calibration criteria has been met.

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

E - indicates an estimated analytical result value.

B - indicates the analyte has been detected in the blank associated with the sample.

NC - means not able to be calculated for RPD or Spike Recoveries.

SS - compound is a Surrogate Spike used per laboratory quality assurance manual.

NOTE: This document represents a complete Analytical Report for the samples referenced herein and should be retained as a permanent record thereof.





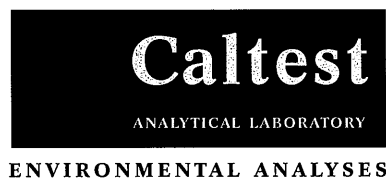
ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID:	I090641001	Date Collected:	9/15/2008 07:30			Matrix:	Water			
Sample ID:	NWUS-23	Date Received:	9/15/2008 16:22							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:		EPA 160.2 / SM2540D					Analyzed by: AMS		
Total Suspended Solids	ND	mg/L	3	2.0	1			09/17/08 13:15	BIO 5974	
Biochemical Oxygen Demand/5-Day	Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC				
	Analytical Method:		EPA 405.1 / SM5210B					Analyzed by: KMC		
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/16/08 12:17	BOD 3914	09/21/08 00:00	BOD 3915	
Mercury Analysis, Trace Level, Dissolved	Prep Method:		EPA 1631E (filtered)			Prep by: UK				
	Analytical Method:		EPA 1631E (filtered)					Analyzed by: SMD		
Mercury	0.0009	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 10:41	MHG 2484	
Mercury Analysis, Trace Level	Prep Method:		EPA 1631E			Prep by: UK				
	Analytical Method:		EPA 1631E					Analyzed by: SMD		
Mercury	0.0014	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 12:43	MHG 2484	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)			Prep by: UK				
	Analytical Method:		EPA 200.8 (filtered)					Analyzed by: LM		
Arsenic	2.9	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6603	09/26/08 01:20	MMS 4436	
Copper	1.4	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6603	09/26/08 01:20	MMS 4436	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8					Analyzed by: LM		
Aluminum	160	ug/L	10	0.10	1	09/18/08 00:00	MPR 6607	09/29/08 16:38	MMS 4440	
Boron	120	ug/L	10	0.70	1	09/18/08 00:00	MPR 6607	09/29/08 16:38	MMS 4440	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8			Prep by: UK				
	Analytical Method:		EPA 200.8					Analyzed by: LM		
Selenium (reaction cell)	J0.13	ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607	09/29/08 16:38	MMS 4440	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C					Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.38	mg/L	0.1	0.060	1			09/30/08 14:30	WET 4679	
Turbidity Analysis	Analytical Method:		EPA 180.1					Analyzed by: RTE		
Turbidity	4.2	NTU	0.05	0.020	1			09/16/08 10:53	WET 4667	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C					Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B					Analyzed by: MYS		
Total Organic Carbon	3.5	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B					Analyzed by: RTE		
Hardness (as CaCO3)	100	mg/L	50	30	10			09/29/08 00:00	WTI 1629	





ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID: I090641001	Date Collected: 9/15/2008 07:30	Matrix: Water
Sample ID: NWUS-23	Date Received: 9/15/2008 16:22	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Lab ID: I090641002	Date Collected: 9/15/2008 07:40	Matrix: Water
Sample ID: NWUS-23 DUP	Date Received: 9/15/2008 16:22	

Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual

Total Suspended Solids Analysis	Analytical Method:	EPA 160.2 / SM2540D						Analyzed by: AMS		
Total Suspended Solids	5.0 mg/L	3	2.0	1				09/17/08 13:15	BIO 5974	

Biochemical Oxygen Demand/5-Day	Prep Method:	EPA 405.1 / SM5210B					Prep by: KMC			
	Analytical Method:	EPA 405.1 / SM5210B						Analyzed by: KMC		
Biochemical Oxygen Demand	ND mg/L	5	0.60	1	09/16/08 12:23	BOD 3914		09/21/08 00:00	BOD 3915	

Mercury Analysis, Trace Level, Dissolved	Prep Method:	EPA 1631E (filtered)					Prep by: UK			
	Analytical Method:	EPA 1631E (filtered)						Analyzed by: SMD		
Mercury	0.0013 ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647		09/30/08 11:32	MHG 2484	

Mercury Analysis, Trace Level	Prep Method:	EPA 1631E					Prep by: UK			
	Analytical Method:	EPA 1631E						Analyzed by: SMD		
Mercury	0.0047 ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647		09/30/08 12:48	MHG 2484	

Metals Analysis by ICPMS, Dissolved	Prep Method:	EPA 200.8 (filtered)					Prep by: UK			
	Analytical Method:	EPA 200.8 (filtered)						Analyzed by: LM		
Arsenic	2.8 ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604		09/27/08 01:35	MMS 4437	
Copper	1.2 ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604		09/27/08 01:35	MMS 4437	

Metals Analysis by ICPMS	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Aluminum	370 ug/L	10	0.20	2	09/18/08 00:00	MPR 6607		10/01/08 03:42	MMS 4440	
Boron	120 ug/L	10	0.70	1	09/18/08 00:00	MPR 6607		09/29/08 17:18	MMS 4440	

Multi-Mode ICPMS Analysis	Prep Method:	EPA 200.8					Prep by: UK			
	Analytical Method:	EPA 200.8						Analyzed by: LM		
Selenium (reaction cell)	J0.14 ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607		09/29/08 17:18	MMS 4440	

Nitrogen, Total Kjeldahl Analysis	Analytical Method:	EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.42 mg/L	0.1	0.060	1				09/30/08 14:30	WET 4679	

Turbidity Analysis	Analytical Method:	EPA 180.1						Analyzed by: RTE		
Turbidity	5.5 NTU	0.05	0.020	1				09/16/08 10:53	WET 4667	

10/6/2008 09:23

REPORT OF LABORATORY ANALYSIS

Page 5 of 23

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ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID:	I090641002	Date Collected:	9/15/2008 07:40	Matrix:	Water					
Sample ID:	NWUS-23 DUP	Date Received:	9/15/2008 16:22							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Nitrogen, Ammonia (as N)	Analytical Method: EPA 350.2 / SM4500C						Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis	Analytical Method: EPA 415.1 / SM5310B						Analyzed by: MYS			
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric	Analytical Method: EPA 130.2 / SM2340B						Analyzed by: RTE			
Hardness (as CaCO3)	120	mg/L	50	30	10			09/29/08 00:00	WTI 1629	

Lab ID:	I090641003	Date Collected:	9/15/2008 10:40	Matrix:	Water					
Sample ID:	SJRUS-24	Date Received:	9/15/2008 16:22							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis	Analytical Method:			EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	28	mg/L	3	2.0	1			09/17/08 13:15	BIO 5974	
Biochemical Oxygen Demand/5-Day	Prep Method:			EPA 405.1 / SM5210B			Prep by: KMC			
	Analytical Method:			EPA 405.1 / SM5210B			Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/16/08 12:28	BOD 3914	09/21/08 00:00	BOD 3915	
Mercury Analysis, Trace Level, Dissolved	Prep Method:			EPA 1631E (filtered)			Prep by: UK			
	Analytical Method:			EPA 1631E (filtered)			Analyzed by: SMD			
Mercury	0.0014	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 11:37	MHG 2484	
Mercury Analysis, Trace Level	Prep Method:			EPA 1631E			Prep by: UK			
	Analytical Method:			EPA 1631E			Analyzed by: SMD			
Mercury	0.0059	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 11:57	MHG 2484	
Metals Analysis by ICPMS, Dissolved	Prep Method:			EPA 200.8 (filtered)			Prep by: UK			
	Analytical Method:			EPA 200.8 (filtered)			Analyzed by: LM			
Arsenic	4.6	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 01:55	MMS 4437	
Copper	0.9	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 01:55	MMS 4437	
Metals Analysis by ICPMS	Prep Method:			EPA 200.8			Prep by: UK			
	Analytical Method:			EPA 200.8			Analyzed by: LM			
Aluminum	1000	ug/L	10	1.0	10	09/18/08 00:00	MPR 6607	10/01/08 03:47	MMS 4440	
Boron	1100	ug/L	10	7.0	10	09/18/08 00:00	MPR 6607	10/01/08 03:47	MMS 4440	
Multi-Mode ICPMS Analysis	Prep Method:			EPA 200.8			Prep by: UK			
	Analytical Method:			EPA 200.8			Analyzed by: LM			

10/6/2008 09:23

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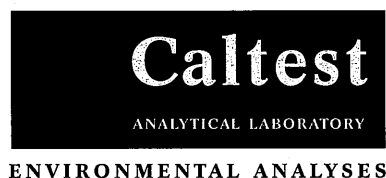
Page 6 of 23

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ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID: I090641003		Date Collected: 9/15/2008 10:40		Matrix: Water						
Sample ID: SJRUS-24		Date Received: 9/15/2008 16:22								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Selenium (reaction cell)	2.0	ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607	09/29/08 17:44	MMS 4440	
Nitrogen,Total Kjeldahl Analysis		Analytical Method: EPA 351.3 / SM4500C						Analyzed by: JDC		
Total Kjeldahl Nitrogen	0.98	mg/L	0.1	0.060	1			09/30/08 14:30	WET 4679	
Turbidity Analysis		Analytical Method: EPA 180.1						Analyzed by: RTE		
Turbidity	13	NTU	0.05	0.020	1			09/16/08 10:53	WET 4667	
Nitrogen, Ammonia (as N)		Analytical Method: EPA 350.2 / SM4500C						Analyzed by: NP		
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis		Analytical Method: EPA 415.1 / SM5310B						Analyzed by: MYS		
Total Organic Carbon	5.8	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric		Analytical Method: EPA 130.2 / SM2340B						Analyzed by: RTE		
Hardness (as CaCO3)	400	mg/L	50	30	10			09/29/08 00:00	WTI 1629	

Lab ID:	I090641004	Date Collected:	9/15/2008 11:10	Matrix:	Water					
Sample ID:	NWDS-24	Date Received:	9/15/2008 16:22							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:	EPA 160.2 / SM2540D					Analyzed by:	AMS	
Total Suspended Solids	120	mg/L	3	2.0	1			09/17/08 13:15	BIO 5974	
Biochemical Oxygen Demand/5-Day		Prep Method:	EPA 405.1 / SM5210B			Prep by:	KMC			
		Analytical Method:	EPA 405.1 / SM5210B					Analyzed by:	KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/16/08 12:33	BOD 3914	09/21/08 00:00	BOD 3915	
Mercury Analysis, Trace Level, Dissolved		Prep Method:	EPA 1631E (filtered)			Prep by:	UK			
		Analytical Method:	EPA 1631E (filtered)					Analyzed by:	SMD	
Mercury	0.001	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 11:42	MHG 2484	
Mercury Analysis, Trace Level		Prep Method:	EPA 1631E			Prep by:	UK			
		Analytical Method:	EPA 1631E					Analyzed by:	SMD	
Mercury	0.022	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 12:53	MHG 2484	
Metals Analysis by ICPMS, Dissolved		Prep Method:	EPA 200.8 (filtered)			Prep by:	UK			
		Analytical Method:	EPA 200.8 (filtered)					Analyzed by:	LM	
Arsenic	2.6	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:21	MMS 4437	
Copper	0.8	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:21	MMS 4437	

10/6/2008 09:23

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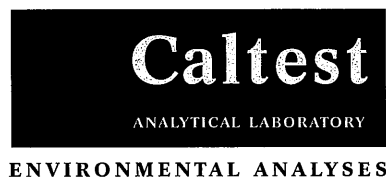
Page 7 of 23

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ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID:	I090641004		Date Collected:	9/15/2008 11:10		Matrix:	Water			
Sample ID:	NWDS-24		Date Received:	9/15/2008 16:22						
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Metals Analysis by ICPMS		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Aluminum	2800	ug/L	20	2.0	20	09/18/08 00:00	MPR 6607	10/01/08 03:53	MMS 4440	
Boron	180	ug/L	12	8.4	12	09/18/08 00:00	MPR 6607	10/01/08 04:35	MMS 4440	
Multi-Mode ICPMS Analysis		Prep Method:	EPA 200.8			Prep by:	UK			
		Analytical Method:	EPA 200.8					Analyzed by:	LM	
Selenium (reaction cell)	0.29	ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607	09/29/08 17:51	MMS 4440	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:	EPA 351.3 / SM4500C					Analyzed by:	JDC	
Total Kjeldahl Nitrogen	0.63	mg/L	0.1	0.060	1			09/30/08 14:30	WET 4679	
Turbidity Analysis		Analytical Method:	EPA 180.1					Analyzed by:	RTE	
Turbidity	37	NTU	0.2	0.10	5			09/16/08 10:53	WET 4667	
Nitrogen, Ammonia (as N)		Analytical Method:	EPA 350.2 / SM4500C					Analyzed by:	NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis		Analytical Method:	EPA 415.1 / SM5310B					Analyzed by:	MYS	
Total Organic Carbon	3.0	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric		Analytical Method:	EPA 130.2 / SM2340B					Analyzed by:	RTE	
Hardness (as CaCO3)	220	mg/L	50	30	10			09/29/08 00:00	WTI 1629	

Lab ID: I090641005		Date Collected: 9/15/2008 12:00			Matrix: Water					
Sample ID: DMC-11		Date Received: 9/15/2008 16:22								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method: EPA 160.2 / SM2540D					Analyzed by: AMS			
Total Suspended Solids	ND	mg/L	3	2.0	1			09/17/08 13:15	BIO 5974	
Biochemical Oxygen Demand/5-Day		Prep Method: EPA 405.1 / SM5210B			Prep by: KMC					
		Analytical Method: EPA 405.1 / SM5210B					Analyzed by: KMC			
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/16/08 12:36	BOD 3914	09/21/08 00:00	BOD 3915	
Mercury Analysis, Trace Level, Dissolved		Prep Method: EPA 1631E (filtered)			Prep by: UK					
		Analytical Method: EPA 1631E (filtered)					Analyzed by: SMD			
Mercury	0.0007	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 11:47	MHG 2484	
Mercury Analysis, Trace Level		Prep Method: EPA 1631E			Prep by: UK					

10/6/2008 09:23

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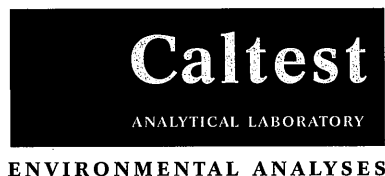
Page 8 of 23

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ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID:	I090641005		Date Collected:	9/15/2008 12:00		Matrix:	Water			
Sample ID:	DMC-11		Date Received:	9/15/2008 16:22						
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Analytical Method:			EPA 1631E				Analyzed by: SMD			
Mercury	0.0015	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 12:58	MHG 2484	
Metals Analysis by ICPMS, Dissolved	Prep Method:		EPA 200.8 (filtered)		Prep by: UK					
Analytical Method:			EPA 200.8 (filtered)				Analyzed by: LM			
Arsenic	2.7	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:28	MMS 4437	
Copper	1.0	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:28	MMS 4437	
Metals Analysis by ICPMS	Prep Method:		EPA 200.8		Prep by: UK					
Analytical Method:			EPA 200.8				Analyzed by: LM			
Aluminum	200	ug/L	10	0.10	1	09/18/08 00:00	MPR 6607	10/01/08 04:29	MMS 4440	
Boron	110	ug/L	10	0.70	1	09/18/08 00:00	MPR 6607	09/29/08 17:57	MMS 4440	
Multi-Mode ICPMS Analysis	Prep Method:		EPA 200.8		Prep by: UK					
Analytical Method:			EPA 200.8				Analyzed by: LM			
Selenium (reaction cell)	J0.11	ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607	09/29/08 17:57	MMS 4440	
Nitrogen,Total Kjeldahl Analysis	Analytical Method:		EPA 351.3 / SM4500C				Analyzed by: JDC			
Total Kjeldahl Nitrogen	0.26	mg/L	0.1	0.060	1			09/30/08 14:30	WET 4679	
Turbidity Analysis	Analytical Method:		EPA 180.1				Analyzed by: RTE			
Turbidity	3.9	NTU	0.05	0.020	1			09/16/08 10:53	WET 4667	
Nitrogen, Ammonia (as N)	Analytical Method:		EPA 350.2 / SM4500C				Analyzed by: NP			
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis	Analytical Method:		EPA 415.1 / SM5310B				Analyzed by: MYS			
Total Organic Carbon	2.9	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric	Analytical Method:		EPA 130.2 / SM2340B				Analyzed by: RTE			
Hardness (as CaCO3)	120	mg/L	50	30	10			09/29/08 00:00	WTI 1629	

Lab ID:	I090641006	Date Collected:	9/15/2008 13:00	Matrix:	Water					
Sample ID:	SJRDS-23	Date Received:	9/15/2008 16:22							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by: AMS			
Total Suspended Solids	69	mg/L	3	2.0	1			09/17/08 13:15	BIO 5974	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by: KMC			
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by: KMC			

10/6/2008 09:23

REPORT OF LABORATORY ANALYSIS

Page 9 of 23

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ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID: I090641006		Date Collected: 9/15/2008 13:00		Matrix: Water						
Sample ID: SJRDS-23		Date Received: 9/15/2008 16:22								
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/16/08 12:40	BOD 3914	09/21/08 00:00	BOD 3915	
Mercury Analysis, Trace Level, Dissolved		Prep Method: EPA 1631E (filtered)		Prep by: UK						
		Analytical Method: EPA 1631E (filtered)				Analyzed by: SMD				
Mercury	0.0013	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 11:52	MHG 2484	
Mercury Analysis, Trace Level		Prep Method: EPA 1631E		Prep by: UK						
		Analytical Method: EPA 1631E				Analyzed by: SMD				
Mercury	0.024	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 13:03	MHG 2484	
Metals Analysis by ICPMS, Dissolved		Prep Method: EPA 200.8 (filtered)		Prep by: UK						
		Analytical Method: EPA 200.8 (filtered)				Analyzed by: LM				
Arsenic	3.1	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:35	MMS 4437	
Copper	0.9	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:35	MMS 4437	
Metals Analysis by ICPMS		Prep Method: EPA 200.8		Prep by: UK						
		Analytical Method: EPA 200.8				Analyzed by: LM				
Aluminum	2200	ug/L	20	2.0	20	09/18/08 00:00	MPR 6607	10/01/08 04:17	MMS 4440	
Boron	430	ug/L	10	2.8	4	09/18/08 00:00	MPR 6607	10/01/08 04:41	MMS 4440	
Multi-Mode ICPMS Analysis		Prep Method: EPA 200.8		Prep by: UK						
		Analytical Method: EPA 200.8				Analyzed by: LM				
Selenium (reaction cell)	0.62	ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607	09/29/08 18:04	MMS 4440	
Nitrogen,Total Kjeldahl Analysis		Analytical Method: EPA 351.3 / SM4500C				Analyzed by: JDC				
Total Kjeldahl Nitrogen	0.69	mg/L	0.1	0.060	1			09/30/08 14:30	WET 4679	
Turbidity Analysis		Analytical Method: EPA 180.1				Analyzed by: RTE				
Turbidity	31	NTU	0.1	0.040	2			09/16/08 10:53	WET 4667	
Nitrogen, Ammonia (as N)		Analytical Method: EPA 350.2 / SM4500C				Analyzed by: NP				
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis		Analytical Method: EPA 415.1 / SM5310B				Analyzed by: MYS				
Total Organic Carbon	3.7	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric		Analytical Method: EPA 130.2 / SM2340B				Analyzed by: RTE				
Hardness (as CaCO3)	120	mg/L	50	30	10			09/29/08 00:00	WTI 1629	

10/6/2008 09:23

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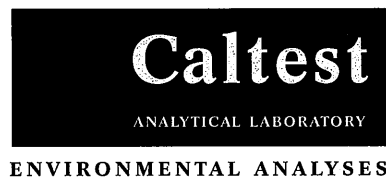
Page 10 of 23

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ANALYTICAL RESULTS

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID:	I090641007	Date Collected:	9/15/2008 13:45	Matrix:	Water					
Sample ID:	SCL-11	Date Received:	9/15/2008 16:22							
Parameters	Result	Units	R. L.	MDL	DF	Prepared	Batch	Analyzed	Batch	Qual
Total Suspended Solids Analysis		Analytical Method:		EPA 160.2 / SM2540D			Analyzed by:		AMS	
Total Suspended Solids	38	mg/L	3	2.0	1			09/17/08 13:15	BIO 5974	
Biochemical Oxygen Demand/5-Day		Prep Method:		EPA 405.1 / SM5210B			Prep by:		KMC	
		Analytical Method:		EPA 405.1 / SM5210B			Analyzed by:		KMC	
Biochemical Oxygen Demand	ND	mg/L	5	0.60	1	09/16/08 12:44	BOD 3914	09/21/08 00:00	BOD 3915	
Mercury Analysis, Trace Level, Dissolved		Prep Method:		EPA 1631E (filtered)			Prep by:		UK	
		Analytical Method:		EPA 1631E (filtered)			Analyzed by:		SMD	
Mercury	0.0011	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 12:38	MHG 2484	
Mercury Analysis, Trace Level		Prep Method:		EPA 1631E			Prep by:		UK	
		Analytical Method:		EPA 1631E			Analyzed by:		SMD	
Mercury	0.0067	ug/L	0.0005	0.00030	1	09/29/08 00:00	MPR 6647	09/30/08 13:08	MHG 2484	
Metals Analysis by ICPMS, Dissolved		Prep Method:		EPA 200.8 (filtered)			Prep by:		UK	
		Analytical Method:		EPA 200.8 (filtered)			Analyzed by:		LM	
Arsenic	2.8	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:41	MMS 4437	
Copper	1.2	ug/L	0.5	0.070	1	09/18/08 00:00	MPR 6604	09/27/08 02:41	MMS 4437	
Metals Analysis by ICPMS		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Aluminum	900	ug/L	10	0.50	5	09/18/08 00:00	MPR 6607	10/01/08 04:23	MMS 4440	
Boron	280	ug/L	10	1.4	2	09/18/08 00:00	MPR 6607	10/01/08 04:47	MMS 4440	
Multi-Mode ICPMS Analysis		Prep Method:		EPA 200.8			Prep by:		UK	
		Analytical Method:		EPA 200.8			Analyzed by:		LM	
Selenium (reaction cell)	0.44	ug/L	0.20	0.060	1	09/18/08 00:00	MPR 6607	09/29/08 18:11	MMS 4440	
Nitrogen,Total Kjeldahl Analysis		Analytical Method:		EPA 351.3 / SM4500C			Analyzed by:		JDC	
Total Kjeldahl Nitrogen	0.53	mg/L	0.1	0.060	1			09/30/08 14:30	WET 4679	
Turbidity Analysis		Analytical Method:		EPA 180.1			Analyzed by:		RTE	
Turbidity	14	NTU	0.05	0.020	1			09/16/08 10:53	WET 4667	
Nitrogen, Ammonia (as N)		Analytical Method:		EPA 350.2 / SM4500C			Analyzed by:		NP	
Ammonia (as N)	ND	mg/L	0.1	0.050	1			09/17/08 00:00	WET 4647	
Total Organic Carbon Analysis		Analytical Method:		EPA 415.1 / SM5310B			Analyzed by:		MYS	
Total Organic Carbon	3.1	mg/L	0.5	0.10	1			09/23/08 00:00	WET 4661	
Hardness, as CaCO3 by Titrimetric		Analytical Method:		EPA 130.2 / SM2340B			Analyzed by:		RTE	
Hardness (as CaCO3)	180	mg/L	50	30	10			09/29/08 00:00	WTI 1629	

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Page 11 of 23

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**ANALYTICAL RESULTS**

Lab Order: I090641

Project ID DMC 18600161.10005

Lab ID:	I090641007	Date Collected:	9/15/2008 13:45	Matrix:	Water			
Sample ID:	SCL-11	Date Received:	9/15/2008 16:22					
Parameters	Result Units	R. L.	MDL	DF Prepared	Batch	Analyzed	Batch	Qual

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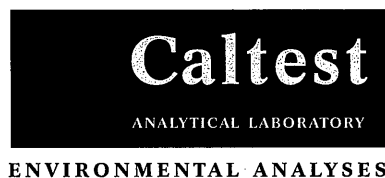
Page 12 of 23

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QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description: Total Suspended Solids Analysis	QC Batch: BIO/5974
Analysis Method: EPA 160.2 / SM2540D	QC Batch Method: EPA 160.2 / SM2540D

METHOD BLANK: 235679

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Suspended Solids	ND	3 mg/L	

LABORATORY CONTROL SAMPLE: 235680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	500	480	96	80-120	

SAMPLE DUPLICATE: 236529

Parameter	Units	I090001016 Result	DUP Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	336	350	4.7	20	

Analysis Description: Biochemical Oxygen Demand/5-Day	QC Batch: BOD/3914
Analysis Method: EPA 405.1 / SM5210B	QC Batch Method: EPA 405.1 / SM5210B

LABORATORY CONTROL SAMPLE: 236964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Biochemical Oxygen Demand	mg/L	400	360	91	80-120	

SAMPLE DUPLICATE: 236965

Parameter	Units	I090001015 Result	DUP Result	RPD	Max RPD	Qualifiers
Biochemical Oxygen Demand	mg/L	1726.25	1700	0.2	20	

10/6/2008 09:23

REPORT OF LABORATORY ANALYSIS

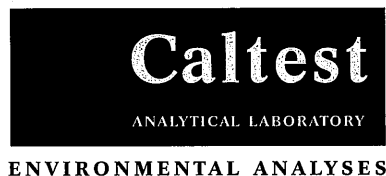
Page 13 of 23



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QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6603
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 236040

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	ND	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 236041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	97	85-115	
Copper	ug/L	20	19	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236042 236043

Parameter	Units	I090641001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.9	20	22	22	95	95	85-115	0.5	20	
Copper	ug/L	1.4	20	21	20	96	95	85-115	1.3	20	

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6604
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

METHOD BLANK: 236044

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Arsenic	0.08	0.5 ug/L	
Copper	ND	0.5 ug/L	

LABORATORY CONTROL SAMPLE: 236045

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	20	19	94	85-115	
Copper	ug/L	20	18	89	85-115	

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Page 14 of 23

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QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description: Metals Analysis by ICPMS, Dissolved	QC Batch: MPR/6604
Analysis Method: EPA 200.8 (filtered)	QC Batch Method: EPA 200.8 (filtered)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236046 236047

Parameter	Units	I090641002 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Arsenic	ug/L	2.8	20	21	21	92	92	85-115	0.3	20	
Copper	ug/L	1.2	20	19	19	88	88	85-115	0.6	20	

Analysis Description: Metals Analysis by ICPMS	QC Batch: MPR/6607
Analysis Method: EPA 200.8	QC Batch Method: EPA 200.8

METHOD BLANK: 236056

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Aluminum	J0.4	10 ug/L	
Boron	J1	10 ug/L	
Selenium (reaction cell)	ND	0.20 ug/L	

LABORATORY CONTROL SAMPLE: 236057

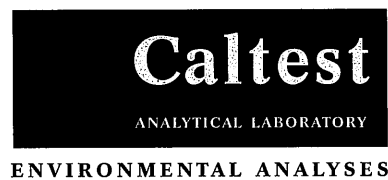
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	40	41	102	85-115	
Boron	ug/L	20	19	97	85-115	
Selenium (reaction cell)	ug/L	20	20	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236058 236059

Parameter	Units	I090641001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	ug/L	160	40	360	380	509	556	85-115	5	20	1
Boron	ug/L	120	20	150	150	130	132	85-115	0.2	20	1
Selenium (reaction cell)	ug/L	0.13	20	19	19	97	96	85-115	0.6	20	

Analysis Description: Mercury Analysis, Trace Level	QC Batch: MPR/6647
Analysis Method: EPA 1631E (filtered)	QC Batch Method: EPA 1631E (filtered)





QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description: Mercury Analysis, Trace Level

QC Batch: MPR/6647

Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

METHOD BLANK: 237626

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Mercury	ND	0.0005 ug/L	

LABORATORY CONTROL SAMPLE: 237627

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.02	0.022	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237628 237629

Parameter	Units	I090641001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0014	0.02	0.023	.023	110	111	71-125	0.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237630 237631

Parameter	Units	I090641003 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0059	0.02	0.029	.029	115	115	71-125	0.4	20	

Analysis Description: Nitrogen, Ammonia (as N)

QC Batch: WET/4647

Analysis Method: EPA 350.2 / SM4500C

QC Batch Method: EPA 350.2 / SM4500C

METHOD BLANK: 235692

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Ammonia (as N)	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 235693

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ammonia (as N)	mg/L	5	4.9	98	90-110	

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Page 16 of 23

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QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description:	Nitrogen, Ammonia (as N)	QC Batch:	WET/4647
Analysis Method:	EPA 350.2 / SM4500C	QC Batch Method:	EPA 350.2 / SM4500C

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235694 235695

Parameter	Units	I090620001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Ammonia (as N)	mg/L	0	5	4.9	4.5	98	91	90-110	7.4	20	

Analysis Description:	Total Organic Carbon Analysis	QC Batch:	WET/4661
Analysis Method:	EPA 415.1 / SM5310B	QC Batch Method:	EPA 415.1 / SM5310B

METHOD BLANK: 236919

Parameter	Blank Result	Reporting Limit	Units	Qualifiers
Total Organic Carbon	ND	0.5	mg/L	

LABORATORY CONTROL SAMPLE: 236920

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	10	10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236921 236922

Parameter	Units	I090641001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	3.5	10	13	13	93	93	80-120	0.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236927 236928

Parameter	Units	I090646010 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	9.7	10	18	19	88	91	80-120	1.2	20	

Analysis Description:	Turbidity Analysis	QC Batch:	WET/4667
Analysis Method:	EPA 180.1	QC Batch Method:	EPA 180.1

METHOD BLANK: 237210

10/6/2008 09:24

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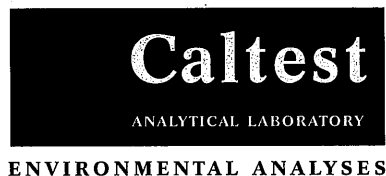
Page 17 of 23

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QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description: Turbidity Analysis
 Analysis Method: EPA 180.1

QC Batch: WET/4667
 QC Batch Method: EPA 180.1

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Turbidity	ND	0.05 NTU	

LABORATORY CONTROL SAMPLE: 237212

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	4	4.2	106	90-110	

SAMPLE DUPLICATE: 237211

Parameter	Units	I090620001 Result	DUP Result	RPD	Max RPD	Qualifiers
Turbidity	NTU	2.43	2.5	2		

Analysis Description: Nitrogen, Total Kjeldahl Analysis
 Analysis Method: EPA 351.3 / SM4500C

QC Batch: WET/4679
 QC Batch Method: EPA 351.3 / SM4500C

METHOD BLANK: 237745

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Total Kjeldahl Nitrogen	ND	0.1 mg/L	

LABORATORY CONTROL SAMPLE: 237746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Kjeldahl Nitrogen	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237747 237748

Parameter	Units	I090620001 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
Total Kjeldahl Nitrogen	mg/L	0.74	5	5.8	6.1	101	108	90-110	5.5 20	

10/6/2008 09:24

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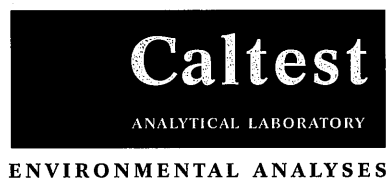
Page 18 of 23

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QUALITY CONTROL DATA

Lab Order: I090641

Project ID: DMC 18600161.10005

Analysis Description: Hardness, as CaCO ₃ by Titrimetric	QC Batch: WTI/1629
Analysis Method: EPA 130.2 / SM2340B	QC Batch Method: EPA 130.2 / SM2340B

METHOD BLANK: 237755

Parameter	Blank Result	Reporting Limit Units	Qualifiers
Hardness (as CaCO ₃)	ND	5 mg/L	

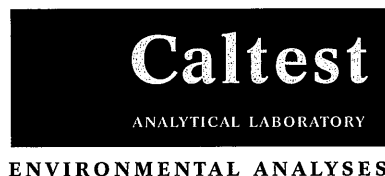
LABORATORY CONTROL SAMPLE: 237756

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hardness (as CaCO ₃)	mg/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237757 237758

Parameter	Units	I090029005 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Hardness (as CaCO ₃)	mg/L	1600	400	2000	2000	100	95	80-120	1	20	





QUALITY CONTROL DATA QUALIFIERS

Lab Order: I090641

Project ID: DMC 18600161.10005

QUALITY CONTROL PARAMETER QUALIFIERS

Results Qualifiers: Report fields may contain codes and non-numeric data correlating to one or more of the following definitions:

NS - means not spiked and will not have recoveries reported for Analyte Spike Amounts

NC - means not able to be calculated for RPD or Spike Recoveries.

QC Codes Keys: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

Method Blanks are reported to the same Method Detection Limits (MDLs) or Reporting Limits (RLs) as the analytical samples in the corresponding QC batch.

LCS/LCSD - Laboratory Control Spike / Laboratory Control Spike Duplicate

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike / Matrix Spike Duplicate

RPD - Relative Percent Difference

%Recovery - Spike Recovery stated as a percentage

1

Spike recovery outside control limits. Spike added less than one half sample concentration. LCS and Method Blank are in control.





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090641

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090641001	NWUS-23	EPA 160.2 / SM2540D	BIO/5974		
I090641002	NWUS-23 DUP	EPA 160.2 / SM2540D	BIO/5974		
I090641003	SJRUS-24	EPA 160.2 / SM2540D	BIO/5974		
I090641004	NWDS-24	EPA 160.2 / SM2540D	BIO/5974		
I090641005	DMC-11	EPA 160.2 / SM2540D	BIO/5974		
I090641006	SJRDS-23	EPA 160.2 / SM2540D	BIO/5974		
I090641007	SCL-11	EPA 160.2 / SM2540D	BIO/5974		
I090641001	NWUS-23	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641002	NWUS-23 DUP	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641003	SJRUS-24	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641004	NWDS-24	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641005	DMC-11	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641006	SJRDS-23	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641007	SCL-11	EPA 405.1 / SM5210B	BOD/3914	EPA 405.1 / SM5210B	BOD/3915
I090641001	NWUS-23	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641001	NWUS-23	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641002	NWUS-23 DUP	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641002	NWUS-23 DUP	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641003	SJRUS-24	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641003	SJRUS-24	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641004	NWDS-24	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641004	NWDS-24	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641005	DMC-11	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641005	DMC-11	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641006	SJRDS-23	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641006	SJRDS-23	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641007	SCL-11	EPA 1631E	MPR/6647	EPA 1631E	MHG/2484
I090641007	SCL-11	EPA 1631E (filtered)	MPR/6647	EPA 1631E (filtered)	MHG/2484
I090641001	NWUS-23	EPA 200.8 (filtered)	MPR/6603	EPA 200.8 (filtered)	MMS/4436
I090641002	NWUS-23 DUP	EPA 200.8 (filtered)	MPR/6604	EPA 200.8 (filtered)	MMS/4437

10/6/2008 09:24

REPORT OF LABORATORY ANALYSIS

Page 21 of 23

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab Order: I090641

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090641003	SJRUS-24	EPA 200.8 (filtered)	MPR/6604	EPA 200.8 (filtered)	MMS/4437
I090641004	NWDS-24	EPA 200.8 (filtered)	MPR/6604	EPA 200.8 (filtered)	MMS/4437
I090641005	DMC-11	EPA 200.8 (filtered)	MPR/6604	EPA 200.8 (filtered)	MMS/4437
I090641006	SJRDS-23	EPA 200.8 (filtered)	MPR/6604	EPA 200.8 (filtered)	MMS/4437
I090641007	SCL-11	EPA 200.8 (filtered)	MPR/6604	EPA 200.8 (filtered)	MMS/4437
I090641001	NWUS-23	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641002	NWUS-23 DUP	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641003	SJRUS-24	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641004	NWDS-24	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641005	DMC-11	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641006	SJRDS-23	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641007	SCL-11	EPA 200.8	MPR/6607	EPA 200.8	MMS/4440
I090641001	NWUS-23	EPA 350.2 / SM4500C	WET/4647		
I090641002	NWUS-23 DUP	EPA 350.2 / SM4500C	WET/4647		
I090641003	SJRUS-24	EPA 350.2 / SM4500C	WET/4647		
I090641004	NWDS-24	EPA 350.2 / SM4500C	WET/4647		
I090641005	DMC-11	EPA 350.2 / SM4500C	WET/4647		
I090641006	SJRDS-23	EPA 350.2 / SM4500C	WET/4647		
I090641007	SCL-11	EPA 350.2 / SM4500C	WET/4647		
I090641001	NWUS-23	EPA 415.1 / SM5310B	WET/4661		
I090641002	NWUS-23 DUP	EPA 415.1 / SM5310B	WET/4661		
I090641003	SJRUS-24	EPA 415.1 / SM5310B	WET/4661		
I090641004	NWDS-24	EPA 415.1 / SM5310B	WET/4661		
I090641005	DMC-11	EPA 415.1 / SM5310B	WET/4661		
I090641006	SJRDS-23	EPA 415.1 / SM5310B	WET/4661		
I090641007	SCL-11	EPA 415.1 / SM5310B	WET/4661		
I090641001	NWUS-23	EPA 180.1	WET/4667		
I090641002	NWUS-23 DUP	EPA 180.1	WET/4667		
I090641003	SJRUS-24	EPA 180.1	WET/4667		
I090641004	NWDS-24	EPA 180.1	WET/4667		
I090641005	DMC-11	EPA 180.1	WET/4667		
I090641006	SJRDS-23	EPA 180.1	WET/4667		
I090641007	SCL-11	EPA 180.1	WET/4667		

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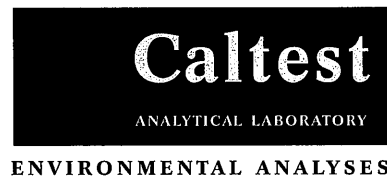
Page 22 of 23

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Lab Order: I090641

Project ID: DMC 18600161.10005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
I090641001	NWUS-23	EPA 351.3 / SM4500C	WET/4679		
I090641002	NWUS-23 DUP	EPA 351.3 / SM4500C	WET/4679		
I090641003	SJRUS-24	EPA 351.3 / SM4500C	WET/4679		
I090641004	NWDS-24	EPA 351.3 / SM4500C	WET/4679		
I090641005	DMC-11	EPA 351.3 / SM4500C	WET/4679		
I090641006	SJRDS-23	EPA 351.3 / SM4500C	WET/4679		
I090641007	SCL-11	EPA 351.3 / SM4500C	WET/4679		
I090641001	NWUS-23	EPA 130.2 / SM2340B	WTI/1629		
I090641002	NWUS-23 DUP	EPA 130.2 / SM2340B	WTI/1629		
I090641003	SJRUS-24	EPA 130.2 / SM2340B	WTI/1629		
I090641004	NWDS-24	EPA 130.2 / SM2340B	WTI/1629		
I090641005	DMC-11	EPA 130.2 / SM2340B	WTI/1629		
I090641006	SJRDS-23	EPA 130.2 / SM2340B	WTI/1629		
I090641007	SCL-11	EPA 130.2 / SM2340B	WTI/1629		





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Oakland, CA 94607-4014
(510) 893-3600

Chain of Custody Record

TO 90641

PROJECT NO.

18600161-10005

SAMPLERS: (Signature)

ANALYSES

DATE TIME SAMPLE NUMBER

Sample Matrix
(Soil, Water, Air)

EPA Method

EPA Method

EPA Method

EPA Method

BOD, TSS, Turb.

TKN, NH₃

TOC

T. Metals, hard

P. Metals

T+D Hg

Number of Containers

REMARKS
(Sample preservation, handling procedures, etc.)

-1 9/15 730 NWUS-23
-2 9/15 740 NWUS-23 DUP
-3 9/15 1040 SJRUS-24
-4 9/15 1110 NWUS-24
-5 9/15 1200 DMC-11
-6 9/15 1300 SJRUS-23
-7 9/15 1345 SCL-11

BOD, TSS, Turb. TKN, NH₃ TOC T. Metals, hard P. Metals T+D Hg

Number of Containers

Total Metals
- T Al
- T B
- T Se
- Hardness

Dissolved Metals
- D As
- D Cu

T+D Hg
Please take
an aliquot
out and
filter for diss.
RL as low as
possible for Se

TOTAL
NUMBER OF
CONTAINERS

72

RELINQUISHED BY:
(Signature)

DATE/TIME

9/15/14:15

RECEIVED BY:
(Signature)

Dong Lin

RELINQUISHED BY:
(Signature)

Dong Lin

DATE/TIME

9-15/1622

RECEIVED BY:
(Signature)

J. John 9/15/1622

METHOD OF SHIPMENT:

SHIPPED BY:
(Signature)

COURIER:
(Signature)

RECEIVED FOR LAB BY:
(Signature)

DATE/TIME