CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

June 27, 2007

CLS Work Order #: CQF0399
COC #: 84179-84180

Steve Rosenbaum
CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova, CA 95670-6114

Project Name: Walker Mine

Enclosed are the results of analyses for samples received by the laboratory on 06/13/07 08:43. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: CQF0355

PG: 1 OF 2

LOG NO. 84180

REPORT TO:

NAME AND ADDRESS: LETICIA VALADEZ
RWQCB
11020 SUN CENTER DR #200, RANCHO CORD

PROJECT MANAGER: STEVE ROSENBAUM PHONE# 464-4631

PROJECT NAME: WALKER MINE

SAMPLED BY: JEFF HUGGINS

JOB DESCRIPTION:

SITE LOCATION:

CLIENT JOB NUMBER:

DESTINATION LABORATORY

☐ CLS (916) 638-7301
3249 FITZGERALD RD.
RANCHO CORDOVA, CA.
95742

☐ OTHER

PRESERVATIVES: Bid Group 7

ANALYSIS REQUESTED

GEOTRACKER:
EDF REPORT ☐ YES ☐ NO
GLOBAL ID:

COMPOSITE:

FIELD CONDITIONS:

TURN AROUND TIME: 1 DAY | 2 DAY | 5 DAY | 10 DAY

SPECIAL INSTRUCTIONS

OR

ALT. ID:

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	CONTAINER TYPE	PRESERVATIVES
6-11-07	10:00	WM5 LGC U/S	W	3	PLASTIC	3/2
	10:10	WM3 DC D/S				
	10:30	WM1 PORTAL				
	10:50	WM2 DC U/S				
	12:00	WM4 DC at 48" CULVERT				
	13:00	WM9 LGC at BC				
	1330	WM6 USFS DAM				
	1340	WM7 LGC U/S DC				
	1350	WM8 LGC d/s DC				
	1400	WM11 S. BR WARM CK				
	1410	WM12 M. Br WARM CK				
	1420	WM13 NYE CK				
	1430	WM17 N. Br WARM CK				

Need Low Detection Limits for Metals

INVOICE TO: Leticia

P.O. #

QUOTE #

SUSPECTED CONSTITUENTS

PRESERVATIVES: (1) HCL (2) HNO_3 (3) = COLD (4) = NaOH (5) = H_2SO_4 (6) = $Na_2S_2O_3$ (7) =

LAB

RELINQUISHED BY (SIGN)	PRINT NAME / COMPANY	DATE / TIME	RECEIVED BY (SIGN)	PRINT NAME / COMPANY
Jeff S. Huggins	Jeff S. Huggins/CVRWQCB	6/13/07 0800		

REC'D AT LAB BY:

DATE / TIME: 6/13/07 0800

CONDITIONS / COMMENTS: OK

SHIPPED BY: ☐ FED X ☐ UPS ☐ OTHER _____ AIR BILL #

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.; CQF0553

PS: 2 OF 2

LOG NO. 84179

REPORT TO:

NAME AND ADDRESS: Leticia Valadez, RWQCB, 11020 Sun Center Dr. #200 Rancho Cordova

PROJECT MANAGER: Steve Rosenbaum PHONE#: 464-4631

PROJECT NAME: Walker Mine

SAMPLED BY: Jeff Huggins

JOB DESCRIPTION:

SITE LOCATION:

CLIENT JOB NUMBER:

DESTINATION LABORATORY

☐ CLS (916) 638-7301
3249 FITZGERALD RD.
RANCHO CORDOVA, CA.
95742

☐ OTHER

PRESERVATIVES

ANALYSIS REQUESTED: Bid Group 7

GEOTRACKER:
EDF REPORT ☐ YES ☐ NO
GLOBAL ID:

COMPOSITE: Bid Group 7 is Total Metals + Dissolved Metals + General Minerals

FIELD CONDITIONS:

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	CONTAINER TYPE	PRESERVATIVES
6-11-07	15:10	WM18 N. Br. WARD Ck	W	3	P	3/2
	15:40	WM16 N. Br. Ck 25N32W				
	15:50	WM15 M. Br WARD Ck 25N32W				
	16:00	WM14 S. Br WARD Ck 25N32W				
	17:20	WM20 LGCAT FW				

TURN AROUND TIME: 1 DAY | 2 DAY | 5 DAY | 10 DAY

SPECIAL INSTRUCTIONS

OR

ALT. ID:

~~45 ppb Cal Typically~~

Need Low Detection Limits for Metals

INVOICE TO: Leticia

P.O. #

QUOTE #

SUSPECTED CONSTITUENTS

PRESERVATIVES: (1) HCL (2) HNO_3 (3) = COLD (4) = NaOH (5) = H_2SO_4 (6) = $Na_2S_2O_3$ (7) =

RELINQUISHED BY (SIGN)	PRINT NAME / COMPANY	DATE / TIME	RECEIVED BY (SIGN)	PRINT NAME / COMPANY
Jeff S. Huggins	Jeff S. Huggins/CVRWQCB	6/13/07 0800		

REC'D AT LAB BY: DATE / TIME: 6/13/07 0800 CONDITIONS / COMMENTS: 2°C

SHIPPED BY: ☐ FED X ☐ UPS ☐ OTHER AIR BILL #

LAB

LV

CALIFORNIA LABORATORY SERVICES

INVOICE

3249 Fitzgerald Road Rancho Cordova, CA 95742 (916) 638-7301

Invoice To:
Leticia Valedez
CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200

Rancho Cordova, CA 95670-6114

PO Number
06-007-150-0

Client
Steve Rosenbaum
CRWQCB - Sacramento

Project Manager
Ray Oslowski

Invoice Number
7060861-CRWQCBSAC

Invoiced On:
06/27/07

Received
06/13/07

Terms
NET 30

Work Order(s)
CQF0399

Remit To:
Accounts Receivable
CLS Labs
3249 Fitzgerald Rd.
Rancho Cordova, CA 95742

Project
Walker Mine

Project Number
PCA 13180

CALIFORNIA SMALL BUSINESS 2916

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
18	CRWQCB-BidGrp7 Metals Diss [10 day]	Water	$39.00	$702.00
18	CRWQCB-BidGrp7 Metals [10 day]	Water	$39.00	$702.00
18	CRWQCB-BidGrp7 GM [10 day]	Water	$110.00	$1,980.00
18	Cr6-7196A Diss [10 day]	Water	$40.00	$720.00
18	Cr6-7196A [10 day]	Water	$40.00	$720.00

Invoice Total: $4,824.00

We Appreciate Your Business.

RECEIVED
SACRAMENTO
CVRWQCB
07 JUL -2 PM 4:29

Interest of 18% per annum (1.5% per month) will be added to all invoice amounts not paid within 30 days of invoice date.

Sample Receiving Exception Report
Work Order #CQF0399

All samples received for Hexavalent Chromium analyses were outside of the EPA recommended holding time. The Chromium samples were processed regardless of holding time.

Additionally, two poly liters were received with the same "WM-1 Portal" labeling. This issue was resolved by labeling one sample "WM-1" and the other "WM-2."

CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM5 LGC U/S (CQF0399-01) Water	**Sampled: 06/11/07 10:00**		**Received: 06/13/07 08:43**						
Total Alkalinity	**47**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**47**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**90**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**9.0**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**3.8**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**3.6**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**38**	1.0	"	"	"	"	"	"	
pH	**7.15**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**63**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM3 DC D/S (CQF0399-02) Water	**Sampled: 06/11/07 10:10**		**Received: 06/13/07 08:43**						
Total Alkalinity	**75**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**75**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**14**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**7.6**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**3.1**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**66**	1.0	"	"	"	"	"	"	
pH	**7.44**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**1.3**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**94**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM1 PORTAL (CQF0399-03) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Total Alkalinity	**58**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**58**	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM1 PORTAL (CQF0399-03) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Carbonate as CaCO3	ND	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.58**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**110**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**12**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**5.0**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**5.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**52**	1.0	"	"	"	"	"	"	
pH	**7.20**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**0.84**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**97**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM 2 DC U/S (CQF0399-04) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Total Alkalinity	**79**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**79**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**16**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**8.4**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**3.1**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**76**	1.0	"	"	"	"	"	"	
pH	**7.67**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**100**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM4 DC @ 48" CULVERT (CQF0399-05) Water	**Sampled: 06/11/07 12:00**		**Received: 06/13/07 08:43**						
Total Alkalinity	**72**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**72**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM4 DC @ 48" CULVERT (CQF0399-05) Water	**Sampled: 06/11/07 12:00**		**Received: 06/13/07 08:43**						
Chloride	ND	0.50	mg/L	1	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**15**	1.0	"	"	CQ04898	06/13/07	"	200.7/2340B	
Magnesium	**7.8**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**3.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**70**	1.0	"	"	"	"	"	"	
pH	**7.70**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**1.2**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**98**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM9 LGC @ BC (CQF0399-06) Water	**Sampled: 06/11/07 13:00**		**Received: 06/13/07 08:43**						
Total Alkalinity	**60**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**60**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**120**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**14**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**4.6**	1.0	"	"	"	"	"	"	
Potassium	**1.3**	1.0	"	"	"	"	"	"	
Sodium	**4.2**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**55**	1.0	"	"	"	"	"	"	
pH	**7.77**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**4.4**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**89**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM6 USFS DAM (CQF0399-07) Water	**Sampled: 06/11/07 13:30**		**Received: 06/13/07 08:43**						
Total Alkalinity	**70**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**70**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	

CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM6 USFS DAM (CQF0399-07) Water	**Sampled: 06/11/07 13:30**		**Received: 06/13/07 08:43**						
Hexavalent Chromium	ND	10	µg/L	1	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**16**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**6.9**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**3.9**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**69**	1.0	"	"	"	"	"	"	
pH	**7.92**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**3.2**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**98**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM7 LGC U/S DC (CQF0399-08) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Total Alkalinity	**53**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**53**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**110**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**14**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**4.1**	1.0	"	"	"	"	"	"	
Potassium	**1.4**	1.0	"	"	"	"	"	"	
Sodium	**4.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**52**	1.0	"	"	"	"	"	"	
pH	**7.62**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**4.7**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**76**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM8 LGC D/S DC (CQF0399-09) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Total Alkalinity	**56**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**56**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**120**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1

CALIFORNIA LABORATORY SERVICES

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM8 LGC D/S DC (CQF0399-09) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Methylene Blue Active Substances	ND	0.10	mg/L	1	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**14**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**4.6**	1.0	"	"	"	"	"	"	
Potassium	**1.3**	1.0	"	"	"	"	"	"	
Sodium	**4.1**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**53**	1.0	"	"	"	"	"	"	
pH	**7.76**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**4.4**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**76**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM11 S. BR WARD CK (CQF0399-10) Water	**Sampled: 06/11/07 14:00**		**Received: 06/13/07 08:43**						
Total Alkalinity	**20**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**20**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.51**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**45**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**4.4**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**1.5**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**2.5**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**17**	1.0	"	"	"	"	"	"	
pH	**6.75**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**0.63**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**36**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM12 M. BR WARD CK (CQF0399-11) Water	**Sampled: 06/11/07 14:10**		**Received: 06/13/07 08:43**						
Total Alkalinity	**17**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**17**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**35**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**3.2**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM12 M. BR WARD CK (CQF0399-11) Water	**Sampled: 06/11/07 14:10**		**Received: 06/13/07 08:43**						
Magnesium	**1.6**	1.0	mg/L	1	CQ04898	06/13/07	06/13/07	200.7/2340B	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**1.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**15**	1.0	"	"	"	"	"	"	
pH	**5.90**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**0.51**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**21**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM13 NYE CK (CQF0399-12) Water	**Sampled: 06/11/07 14:20**		**Received: 06/13/07 08:43**						
Total Alkalinity	**53**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**53**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**96**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**11**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**4.8**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**2.7**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**47**	1.0	"	"	"	"	"	"	
pH	**7.24**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**70**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM17 N. BR WARD CK (CQF0399-13) Water	**Sampled: 06/11/07 14:30**		**Received: 06/13/07 08:43**						
Total Alkalinity	**80**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**80**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.51**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**160**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**18**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**7.7**	1.0	"	"	"	"	"	"	
Potassium	**1.7**	1.0	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM17 N. BR WARD CK (CQF0399-13) Water	**Sampled: 06/11/07 14:30**		**Received: 06/13/07 08:43**						
Sodium	**3.8**	1.0	mg/L	1	CQ04898	06/13/07	06/13/07	200.7/2340B	
Hardness as CaCO3	**77**	1.0	"	"	"	"	"	"	
pH	**7.81**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**0.53**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**100**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM18 N.B. WARD CK (CQF0399-14) Water	**Sampled: 06/11/07 15:10**		**Received: 06/13/07 08:43**						
Total Alkalinity	**82**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**82**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.51**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**160**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**19**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**7.6**	1.0	"	"	"	"	"	"	
Potassium	**1.9**	1.0	"	"	"	"	"	"	
Sodium	**4.2**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**78**	1.0	"	"	"	"	"	"	
pH	**7.91**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**0.60**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**97**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM16 NYE CK 25N32Y (CQF0399-15) Water	**Sampled: 06/11/07 15:40**		**Received: 06/13/07 08:43**						
Total Alkalinity	**76**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**76**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**16**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**6.7**	1.0	"	"	"	"	"	"	
Potassium	**1.1**	1.0	"	"	"	"	"	"	
Sodium	**3.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**68**	1.0	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM16 NYE CK 25N32Y (CQF0399-15) Water	**Sampled: 06/11/07 15:40**			**Received: 06/13/07 08:43**					
pH	**7.84**	0.01	pH Units	1	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**89**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water	**Sampled: 06/11/07 15:50**			**Received: 06/13/07 08:43**					
Total Alkalinity	**70**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**70**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.50**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**130**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**15**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**6.2**	1.0	"	"	"	"	"	"	
Potassium	**1.2**	1.0	"	"	"	"	"	"	
Sodium	**3.2**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**63**	1.0	"	"	"	"	"	"	
pH	**7.92**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**82**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water	**Sampled: 06/11/07 16:00**			**Received: 06/13/07 08:43**					
Total Alkalinity	**92**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**92**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.50**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**180**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**31**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**2.9**	1.0	"	"	"	"	"	"	
Potassium	**1.1**	1.0	"	"	"	"	"	"	
Sodium	**3.1**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**90**	1.0	"	"	"	"	"	"	
pH	**7.80**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**3.9**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water	**Sampled: 06/11/07 16:00**			**Received: 06/13/07 08:43**					
Total Dissolved Solids	**110**	10	mg/L	1	CQ04904	06/13/07	06/15/07	EPA 160.1	
WM20 LG CAT FW (CQF0399-18) Water	**Sampled: 06/11/07 17:20**			**Received: 06/13/07 08:43**					
Total Alkalinity	**58**	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	**58**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.54**	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	**120**	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	**14**	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	**3.9**	1.0	"	"	"	"	"	"	
Potassium	**1.5**	1.0	"	"	"	"	"	"	
Sodium	**5.7**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**52**	1.0	"	"	"	"	"	"	
pH	**7.81**	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	**4.8**	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	**82**	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	

CALIFORNIA LABORATORY SERVICES

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM5 LGC U/S (CQF0399-01) Water	**Sampled: 06/11/07 10:00**		**Received: 06/13/07 08:43**						
Aluminum	**22**	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	**350**	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM3 DC D/S (CQF0399-02) Water	**Sampled: 06/11/07 10:10**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**9.4**	1.0	"	"	"	"	"	"	
Iron	**630**	50	"	"	"	"	"	"	
Zinc	**4.4**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM1 PORTAL (CQF0399-03) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	**23**	2.0	"	"	"	"	"	"	
Copper	**100**	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**36**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM 2 DC U/S (CQF0399-04) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM4 DC @ 48" CULVERT (CQF0399-05) Water	**Sampled: 06/11/07 12:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**13**	1.0	"	"	"	"	"	"	
Iron	**360**	50	"	"	"	"	"	"	
Zinc	**3.3**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM9 LGC @ BC (CQF0399-06) Water	**Sampled: 06/11/07 13:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM9 LGC @ BC (CQF0399-06) Water	**Sampled: 06/11/07 13:00**		**Received: 06/13/07 08:43**						
Arsenic	ND	2.0	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Copper	**16**	1.0	"	"	"	"	"	"	
Iron	**440**	50	"	"	"	"	"	"	
Zinc	**2.5**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM6 USFS DAM (CQF0399-07) Water	**Sampled: 06/11/07 13:30**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**78**	1.0	"	"	"	"	"	"	
Iron	**910**	50	"	"	"	"	"	"	
Zinc	**6.1**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM7 LGC U/S DC (CQF0399-08) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	**360**	50	"	"	"	"	"	"	
Zinc	**2.3**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM8 LGC D/S DC (CQF0399-09) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**17**	1.0	"	"	"	"	"	"	
Iron	**460**	50	"	"	"	"	"	"	
Zinc	**3.8**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM11 S. BR WARD CK (CQF0399-10) Water	**Sampled: 06/11/07 14:00**		**Received: 06/13/07 08:43**						
Aluminum	**30**	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**3.2**	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**6.6**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM12 M. BR WARD CK (CQF0399-11) Water	**Sampled: 06/11/07 14:10**		**Received: 06/13/07 08:43**						
Aluminum	**57**	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM12 M. BR WARD CK (CQF0399-11) Water Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Copper	**4.6**	1.0	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**3.6**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM13 NYE CK (CQF0399-12) Water Sampled: 06/11/07 14:20 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM17 N. BR WARD CK (CQF0399-13) Water Sampled: 06/11/07 14:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM18 N.B. WARD CK (CQF0399-14) Water Sampled: 06/11/07 15:10 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM16 NYE CK 25N32Y (CQF0399-15) Water Sampled: 06/11/07 15:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water	**Sampled: 06/11/07 15:50**		**Received: 06/13/07 08:43**						
Iron	ND	50	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water	**Sampled: 06/11/07 16:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**1.6**	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**5.0**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM20 LG CAT FW (CQF0399-18) Water	**Sampled: 06/11/07 17:20**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**6.9**	1.0	"	"	"	"	"	"	
Iron	**81**	50	"	"	"	"	"	"	
Zinc	**2.5**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM5 LGC U/S (CQF0399-01) Water	**Sampled: 06/11/07 10:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	**270**	50	"	"	"	"	"	"	
Zinc	**2.4**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM3 DC D/S (CQF0399-02) Water	**Sampled: 06/11/07 10:10**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**5.8**	2.0	"	"	"	"	"	"	
Iron	**280**	50	"	"	"	"	"	"	
Zinc	**3.5**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM1 PORTAL (CQF0399-03) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	**22**	5.0	"	"	"	"	"	"	
Copper	**89**	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**35**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM 2 DC U/S (CQF0399-04) Water	**Sampled: 06/11/07 10:30**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM4 DC @ 48" CULVERT (CQF0399-05) Water	**Sampled: 06/11/07 12:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**8.1**	2.0	"	"	"	"	"	"	
Iron	**190**	50	"	"	"	"	"	"	
Zinc	**3.4**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM9 LGC @ BC (CQF0399-06) Water	**Sampled: 06/11/07 13:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM9 LGC @ BC (CQF0399-06) Water	**Sampled: 06/11/07 13:00**		**Received: 06/13/07 08:43**						
Arsenic	ND	5.0	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Copper	**13**	2.0	"	"	"	"	"	"	
Iron	**340**	50	"	"	"	"	"	"	
Zinc	**2.5**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM6 USFS DAM (CQF0399-07) Water	**Sampled: 06/11/07 13:30**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**62**	2.0	"	"	"	"	"	"	
Iron	**700**	50	"	"	"	"	"	"	
Zinc	**6.3**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM7 LGC U/S DC (CQF0399-08) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	**270**	50	"	"	"	"	"	"	
Zinc	**2.5**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM8 LGC D/S DC (CQF0399-09) Water	**Sampled: 06/11/07 13:40**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**4.8**	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM11 S. BR WARD CK (CQF0399-10) Water	**Sampled: 06/11/07 14:00**		**Received: 06/13/07 08:43**						
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**2.3**	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**5.3**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM12 M. BR WARD CK (CQF0399-11) Water	**Sampled: 06/11/07 14:10**		**Received: 06/13/07 08:43**						
Aluminum	**28**	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM12 M. BR WARD CK (CQF0399-11) Water Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Copper	**3.7**	2.0	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**4.3**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM13 NYE CK (CQF0399-12) Water Sampled: 06/11/07 14:20 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**2.4**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM17 N. BR WARD CK (CQF0399-13) Water Sampled: 06/11/07 14:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**2.1**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM18 N.B. WARD CK (CQF0399-14) Water Sampled: 06/11/07 15:10 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM16 NYE CK 25N32Y (CQF0399-15) Water Sampled: 06/11/07 15:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	

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CRWQCB - Sacramento	Project: Walker Mine	**CLS Work Order #: CQF0399**
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Iron	ND	50	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Zinc	**3.0**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water Sampled: 06/11/07 16:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**2.8**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM20 LG CAT FW (CQF0399-18) Water Sampled: 06/11/07 17:20 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**5.0**	2.0	"	"	"	"	"	"	
Iron	**62**	50	"	"	"	"	"	"	
Zinc	**2.5**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

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11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	
Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04898 - 6010A/No Digestion										
Blank (CQ04898-BLK1)				Prepared & Analyzed: 06/13/07						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							
LCS (CQ04898-BS1)				Prepared & Analyzed: 06/13/07						
Calcium	9.65	1.0	mg/L	10.0		96.5	80-120			
Magnesium	9.40	1.0	"	10.0		94.0	80-120			
Potassium	10.2	1.0	"	10.0		102	80-120			
Sodium	9.58	1.0	"	10.0		95.8	80-120			
LCS Dup (CQ04898-BSD1)				Prepared & Analyzed: 06/13/07						
Calcium	10.1	1.0	mg/L	10.0		101	80-120	4.58	20	
Magnesium	9.44	1.0	"	10.0		94.4	80-120	0.425	20	
Potassium	9.95	1.0	"	10.0		99.5	80-120	1.98	20	
Sodium	9.48	1.0	"	10.0		94.8	80-120	0.976	20	
Matrix Spike (CQ04898-MS1)		**Source: CQF0399-01**		Prepared & Analyzed: 06/13/07						
Calcium	20.4	1.0	mg/L	10.0	9.01	114	75-125			
Magnesium	13.6	1.0	"	10.0	3.79	98.1	75-125			
Potassium	10.6	1.0	"	10.0	ND	106	75-125			
Sodium	13.2	1.0	"	10.0	3.58	95.8	75-125			
Matrix Spike Dup (CQ04898-MSD1)		**Source: CQF0399-01**		Prepared & Analyzed: 06/13/07						
Calcium	21.3	1.0	mg/L	10.0	9.01	123	75-125	4.50	25	
Magnesium	14.6	1.0	"	10.0	3.79	108	75-125	7.09	25	
Potassium	11.6	1.0	"	10.0	ND	116	75-125	8.81	25	
Sodium	14.1	1.0	"	10.0	3.58	105	75-125	6.83	25	

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04904 - General Preparation										
Blank (CQ04904-BLK1)				Prepared: 06/14/07 Analyzed: 06/15/07						
Total Dissolved Solids	ND	10	mg/L							
Batch CQ04909 - General Preparation										
Blank (CQ04909-BLK1)				Prepared & Analyzed: 06/13/07						
Methylene Blue Active Substances	ND	0.10	mg/L							
LCS (CQ04909-BS1)				Prepared & Analyzed: 06/13/07						
Methylene Blue Active Substances	0.480	0.10	mg/L	0.500		96.0	80-120			
LCS Dup (CQ04909-BSD1)				Prepared & Analyzed: 06/13/07						
Methylene Blue Active Substances	0.447	0.10	mg/L	0.500		89.3	80-120	7.17	20	
Matrix Spike (CQ04909-MS1)		Source: CQF0399-01		Prepared & Analyzed: 06/13/07						
Methylene Blue Active Substances	0.477	0.10	mg/L	0.500	ND	95.3	75-125			
Matrix Spike Dup (CQ04909-MSD1)		Source: CQF0399-01		Prepared & Analyzed: 06/13/07						
Methylene Blue Active Substances	0.462	0.10	mg/L	0.500	ND	92.4	75-125	3.11	25	
Batch CQ04924 - General Preparation										
Blank (CQ04924-BLK1)				Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	ND	10	µg/L							
LCS (CQ04924-BS1)				Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	258	10	µg/L	250		103	85-115			

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04924 - General Preparation										
LCS Dup (CQ04924-BSD1)				Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	265	10	µg/L	250		106	85-115	2.60	20	
Matrix Spike (CQ04924-MS1)		Source: CQF0399-01		Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	263	10	µg/L	250	ND	105	85-115			
Matrix Spike Dup (CQ04924-MSD1)		Source: CQF0399-01		Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	273	10	µg/L	250	ND	109	85-115	3.80	20	
Batch CQ04946 - General Preparation										
Blank (CQ04946-BLK1)				Prepared & Analyzed: 06/14/07						
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
Batch CQ04948 - General Preparation										
Blank (CQ04948-BLK1)				Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	ND	10	µg/L							
LCS (CQ04948-BS1)				Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	264	10	µg/L	250		106	80-120			
LCS Dup (CQ04948-BSD1)				Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	251	10	µg/L	250		100	80-120	5.25	20	

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04948 - General Preparation										
Matrix Spike (CQ04948-MS1)		**Source: CQF0399-01**		Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	251	10	µg/L	250	ND	100	80-120			
Matrix Spike Dup (CQ04948-MSD1)		**Source: CQF0399-01**		Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	260	10	µg/L	250	ND	104	80-120	3.53	20	
Batch CQ04954 - General Preparation										
Blank (CQ04954-BLK1)				Prepared & Analyzed: 06/14/07						
Specific Conductance (EC)	ND	1.0	µmhos/cm							
Batch CQ05242 - General Prep										
Blank (CQ05242-BLK1)				Prepared: 06/23/07 Analyzed: 06/24/07						
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							
LCS (CQ05242-BS1)				Prepared: 06/23/07 Analyzed: 06/24/07						
Sulfate as SO4	4.74	0.50	mg/L	5.00		94.7	80-120			
Chloride	1.90	0.50	"	2.00		95.0	80-120			
LCS Dup (CQ05242-BSD1)				Prepared: 06/23/07 Analyzed: 06/24/07						
Chloride	1.91	0.50	mg/L	2.00		95.6	80-120	0.577	20	
Sulfate as SO4	4.76	0.50	"	5.00		95.2	80-120	0.463	20	
Matrix Spike (CQ05242-MS1)		**Source: CQF0399-01**		Prepared: 06/23/07 Analyzed: 06/24/07						
Chloride	2.07	0.50	mg/L	2.00	0.469	80.1	75-125			
Sulfate as SO4	4.86	0.50	"	5.00	ND	97.3	75-125			

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ05242 - General Prep										
Matrix Spike Dup (CQ05242-MSD1)	**Source: CQF0399-01**			Prepared: 06/23/07	Analyzed: 06/24/07					
Chloride	2.06	0.50	mg/L	2.00	0.469	79.7	75-125	0.339	25	
Sulfate as SO4	4.86	0.50	"	5.00	ND	97.3	75-125	0.00	25	

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04916 - EPA 3020A										
Blank (CQ04916-BLK1)				Prepared: 06/13/07 Analyzed: 06/14/07						
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
LCS (CQ04916-BS1)				Prepared: 06/13/07 Analyzed: 06/14/07						
Aluminum	102	20	µg/L	100		102	80-120			
Arsenic	111	2.0	"	100		111	80-120			
Copper	112	1.0	"	100		112	80-120			
Iron	102	50	"	100		102	80-120			
Zinc	105	2.0	"	100		105	80-120			
Cadmium	10.2	0.50	"	10.0		102	80-120			
LCS Dup (CQ04916-BSD1)				Prepared: 06/13/07 Analyzed: 06/14/07						
Aluminum	99.0	20	µg/L	100		99.0	80-120	3.04	20	
Arsenic	111	2.0	"	100		111	80-120	0.207	20	
Copper	111	1.0	"	100		111	80-120	0.822	20	
Iron	94.8	50	"	100		94.8	80-120	7.60	20	
Zinc	105	2.0	"	100		105	80-120	0.199	20	
Cadmium	10.0	0.50	"	10.0		100	80-120	1.88	20	
Matrix Spike (CQ04916-MS1)		**Source: CQF0399-01**		Prepared: 06/13/07 Analyzed: 06/14/07						
Aluminum	116	20	µg/L	100	21.7	94.4	75-125			
Arsenic	110	2.0	"	100	ND	110	75-125			
Copper	101	1.0	"	100	0.410	101	75-125			
Iron	434	50	"	100	351	83.3	75-125			
Zinc	96.8	2.0	"	100	1.22	95.5	75-125			
Cadmium	9.98	0.50	"	10.0	ND	99.8	75-125			

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Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04916 - EPA 3020A										
Matrix Spike Dup (CQ04916-MSD1)	**Source: CQF0399-01**			Prepared: 06/13/07 Analyzed: 06/14/07						
Aluminum	117	20	µg/L	100	21.7	95.1	75-125	0.567	25	
Arsenic	109	2.0	"	100	ND	109	75-125	0.584	25	
Copper	99.5	1.0	"	100	0.410	99.1	75-125	1.77	25	
Iron	436	50	"	100	351	85.4	75-125	0.483	25	
Zinc	95.6	2.0	"	100	1.22	94.4	75-125	1.16	25	
Cadmium	9.84	0.50	"	10.0	ND	98.4	75-125	1.41	25	

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04940 - EPA 3020A										
Blank (CQ04940-BLK1)				Prepared & Analyzed: 06/14/07						
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
LCS (CQ04940-BS1)				Prepared & Analyzed: 06/14/07						
Aluminum	104	20	µg/L	100		104	80-120			
Arsenic	107	5.0	"	100		107	80-120			
Copper	107	2.0	"	100		107	80-120			
Iron	112	50	"	100		112	80-120			
Zinc	101	2.0	"	100		101	80-120			
Cadmium	9.90	0.50	"	10.0		99.0	80-120			
LCS Dup (CQ04940-BSD1)				Prepared & Analyzed: 06/14/07						
Aluminum	100	20	µg/L	100		100	80-120	3.79	20	
Arsenic	103	5.0	"	100		103	80-120	3.90	20	
Copper	104	2.0	"	100		104	80-120	2.63	20	
Iron	110	50	"	100		110	80-120	1.94	20	
Zinc	99.2	2.0	"	100		99.2	80-120	1.84	20	
Cadmium	9.57	0.50	"	10.0		95.7	80-120	3.39	20	
Matrix Spike (CQ04940-MS1)	**Source: CQF0427-06**			Prepared & Analyzed: 06/14/07						
Aluminum	121	20	µg/L	100	20.4	101	75-125			
Arsenic	107	5.0	"	100	ND	107	75-125			
Copper	105	2.0	"	100	7.48	97.9	75-125			
Iron	151	50	"	100	39.7	111	75-125			
Zinc	111	2.0	"	100	15.7	95.4	75-125			
Cadmium	9.79	0.50	"	10.0	ND	97.9	75-125			

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ04940 - EPA 3020A										
Matrix Spike Dup (CQ04940-MSD1)		**Source: CQF0427-06**		Prepared & Analyzed: 06/14/07						
Aluminum	121	20	µg/L	100	20.4	101	75-125	0.380	25	
Arsenic	105	5.0	"	100	ND	105	75-125	1.13	25	
Copper	103	2.0	"	100	7.48	95.3	75-125	2.52	25	
Iron	145	50	"	100	39.7	105	75-125	3.84	25	
Zinc	109	2.0	"	100	15.7	93.0	75-125	2.16	25	
Cadmium	9.82	0.50	"	10.0	ND	98.2	75-125	0.306	25	

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Rancho Cordova CA, 95670-6114	Project Manager: Steve Rosenbaum	COC #: 84179-84180

Notes and Definitions

HT-1	The sample was received outside of the EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference