EXCELCHEM
Environmental Labs

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449

ELAP Certificate No. : 2119

29 June 2012

Jeff Huggins

RWQC Central Valley

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670

RE: Walker Mine

Work order number:1206150

Enclosed are the results of analyses for samples received by the laboratory on 06/14/12 08:41. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

John Somers, Lab Director

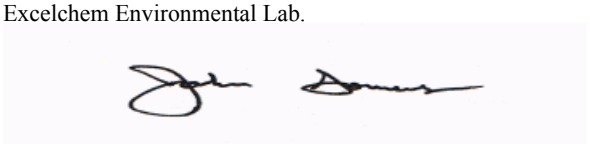
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WM-30	1206150-01	Water	06/12/12 10:45	06/14/12 08:41
WM-7a	1206150-02	Water	06/12/12 14:30	06/14/12 08:41
WM-6	1206150-03	Water	06/12/12 14:45	06/14/12 08:41
WM-7b	1206150-04	Water	06/12/12 14:54	06/14/12 08:41
WM-7c	1206150-05	Water	06/12/12 14:57	06/14/12 08:41
WM-1	1206150-06	Water	06/12/12 15:25	06/14/12 08:41
WM-2	1206150-07	Water	06/12/12 15:30	06/14/12 08:41
WM-19	1206150-08	Water	06/12/12 15:40	06/14/12 08:41
WM-3	1206150-09	Water	06/12/12 15:45	06/14/12 08:41
WM-5	1206150-10	Water	06/12/12 16:00	06/14/12 08:41
WM-4	1206150-11	Water	06/13/12 08:50	06/14/12 08:41
WM-9	1206150-12	Water	06/13/12 09:00	06/14/12 08:41
WM-11	1206150-13	Water	06/13/12 09:15	06/14/12 08:41
WM-12	1206150-14	Water	06/13/12 09:20	06/14/12 08:41
WM-13	1206150-15	Water	06/13/12 09:25	06/14/12 08:41
WM-17	1206150-16	Water	06/13/12 09:35	06/14/12 08:41
WM-14	1206150-17	Water	06/13/12 11:30	06/14/12 08:41
WM-15	1206150-18	Water	06/13/12 11:35	06/14/12 08:41
WM-16	1206150-19	Water	06/13/12 11:45	06/14/12 08:41
WM-18	1206150-20	Water	06/13/12 12:00	06/14/12 08:41
WM-20	1206150-21	Water	06/13/12 13:00	06/14/12 08:41

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

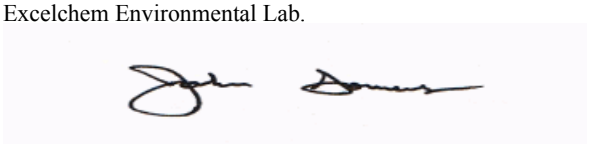
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-30
1206150-01 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	**0.5**	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Wet Chemistry										
Total Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**453**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**3.66**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**296**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**254**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	**5320**	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	**11.3**	5.0	0.1	"	1	"	"	"	"	
Calcium	**41600**	100	79.0	"	1	"	"	"	"	
Copper	**16900**	5.0	0.8	"	1	"	"	"	"	
Iron	**6720**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**7210**	50.0	15.6	"	1	"	"	"	"	
Potassium	**2290**	100	46.8	"	1	"	"	"	"	
Sodium	**6000**	200	120	"	1	"	"	"	"	
Zinc	**860**	10.0	0.3	"	1	"	"	"	"	
Dissolved Metals										
Dissolved Aluminum	**4710**	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	**10.6**	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**16600**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**222**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**907**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

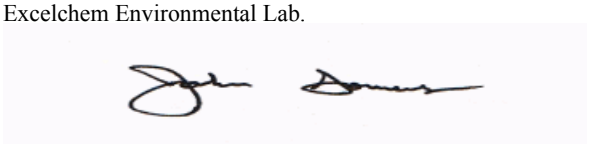
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-30
1206150-01RE1 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Sulfate as SO4	**228**	5.0	0.3	mg/L	10	AVF0155	06/14/12	06/14/12	EPA 300.0	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

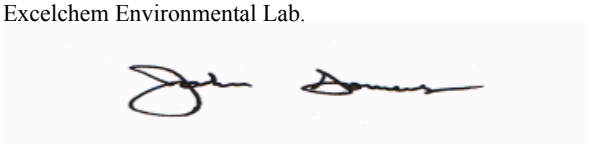
RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-7a

1206150-02 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**2.1**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**66.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**66.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**123**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.54**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**47.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**62.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**13500**	100	79.0	"	1	"	"	"	"	
Copper	**29.2**	5.0	0.8	"	1	"	"	"	"	
Iron	**601**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**6160**	50.0	15.6	"	1	"	"	"	"	
Potassium	**803**	100	46.8	"	1	"	"	"	"	
Sodium	**6930**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-7a

1206150-02 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**21.8**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**407**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.

Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

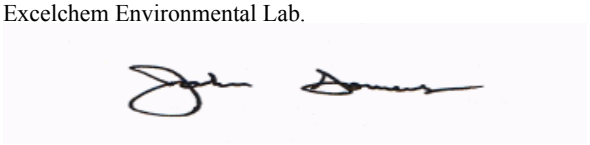
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-6
1206150-03 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**26.1**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**62.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**62.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**166**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.52**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**102**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**72.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**21600**	100	79.0	"	1	"	"	"	"	
Copper	**54.7**	5.0	0.8	"	1	"	"	"	"	
Iron	**238**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**3560**	50.0	15.6	"	1	"	"	"	"	
Potassium	**1740**	100	46.8	"	1	"	"	"	"	
Sodium	**10600**	200	120	"	1	"	"	"	"	
Zinc	**12.8**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

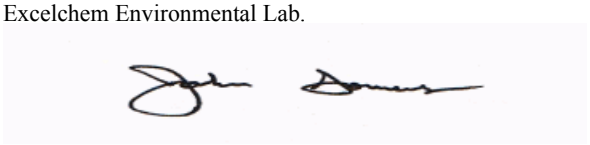
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-6
1206150-03 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**30.7**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**43.5**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**17.5**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

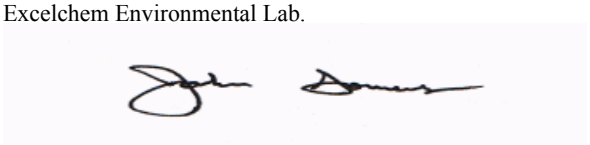
RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-7b

1206150-04 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**2.2**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**66.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**66.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**123**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**8.06**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**74.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**58.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**13100**	100	79.0	"	1	"	"	"	"	
Copper	**24.2**	5.0	0.8	"	1	"	"	"	"	
Iron	**424**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**5960**	50.0	15.6	"	1	"	"	"	"	
Potassium	**894**	100	46.8	"	1	"	"	"	"	
Sodium	**6970**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

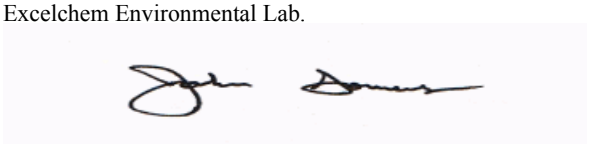
RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-7b

1206150-04 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**19.0**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**265**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

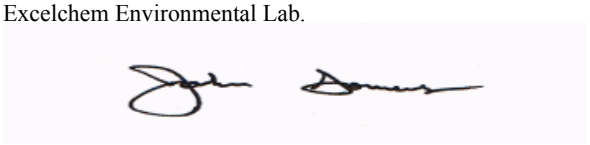
RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-7c

1206150-05 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**3.4**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**48.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**48.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**91.7**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.11**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**44.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**40.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**10500**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**585**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**3240**	50.0	15.6	"	1	"	"	"	"	
Potassium	**940**	100	46.8	"	1	"	"	"	"	
Sodium	**7730**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

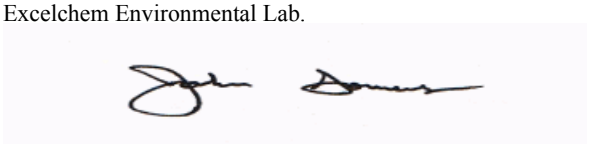
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-7c
1206150-05 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**10.2**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**424**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**20.7**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

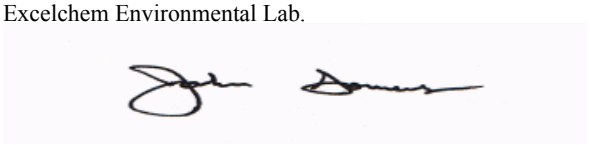
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-1
1206150-06 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.9**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**64.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**64.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**116**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.13**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**67.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**50.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	**14.7**	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**11800**	100	79.0	"	1	"	"	"	"	
Copper	**85.0**	5.0	0.8	"	1	"	"	"	"	
Iron	**104**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**4740**	50.0	15.6	"	1	"	"	"	"	
Potassium	**797**	100	46.8	"	1	"	"	"	"	
Sodium	**10100**	200	120	"	1	"	"	"	"	
Zinc	**26.6**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

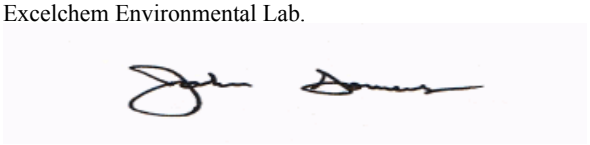
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-1
1206150-06 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	**11.4**	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**61.1**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**27.6**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

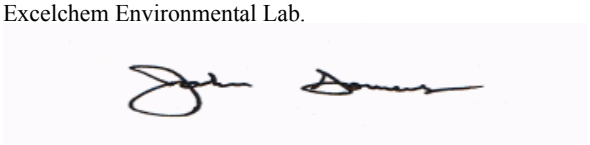
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-2
1206150-07 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	ND	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**78.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**78.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**140**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.47**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**78.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**70.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	**80.1**	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**14700**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**107**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**7410**	50.0	15.6	"	1	"	"	"	"	
Potassium	**709**	100	46.8	"	1	"	"	"	"	
Sodium	**6100**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

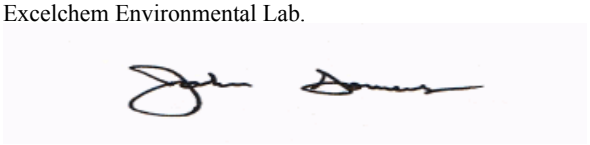
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-2
1206150-07 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**5.0**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

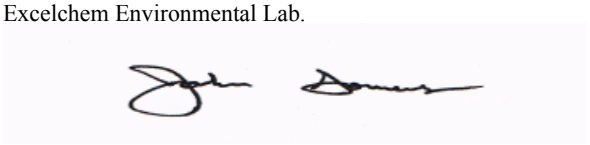
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-19
1206150-08 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	**0.5**	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Wet Chemistry										
Total Alkalinity	**42.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**42.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**147**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.39**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**85.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**70.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**15800**	100	79.0	"	1	"	"	"	"	
Copper	**552**	5.0	0.8	"	1	"	"	"	"	
Iron	**451**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**4980**	50.0	15.6	"	1	"	"	"	"	
Potassium	**1480**	100	46.8	"	1	"	"	"	"	
Sodium	**10100**	200	120	"	1	"	"	"	"	
Zinc	**49.0**	10.0	0.3	"	1	"	"	"	"	
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**217**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**101**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**35.7**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

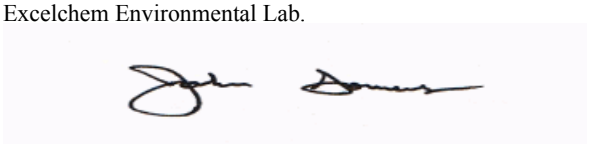
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-19
1206150-08RE1 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Sulfate as SO4	**28.8**	1.0	0.05	mg/L	2	AVF0155	06/14/12	06/14/12	EPA 300.0	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

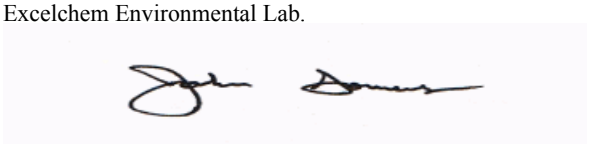
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-3
1206150-09 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.6**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**68.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**68.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**126**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.34**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**68.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**64.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	**101**	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**13500**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**1050**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**6680**	50.0	15.6	"	1	"	"	"	"	
Potassium	**710**	100	46.8	"	1	"	"	"	"	
Sodium	**6130**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

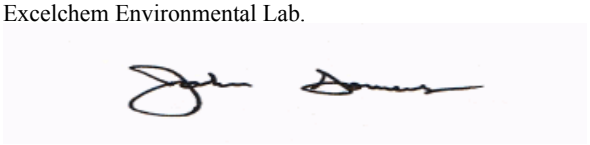
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-3
1206150-09 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**260**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

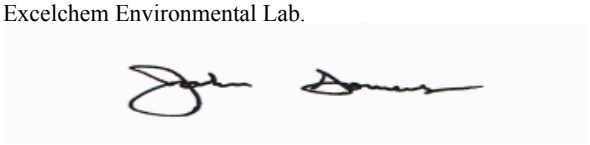
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-5
1206150-10 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	ND	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**44.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**44.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**74.8**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.05**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**26.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**34.0**	5.00	2.86	"	1	AVF0279	06/27/12	06/27/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**8160**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**483**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**2860**	50.0	15.6	"	1	"	"	"	"	
Potassium	**742**	100	46.8	"	1	"	"	"	"	
Sodium	**7060**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-5
1206150-10 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**6.6**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**298**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.

Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

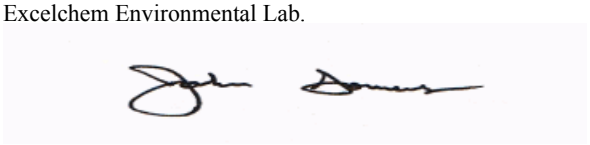
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-4
1206150-11 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**1.8**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**70.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**70.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**128**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.38**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**70.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**64.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**13300**	100	79.0	"	1	"	"	"	"	
Copper	**40.8**	5.0	0.8	"	1	"	"	"	"	
Iron	**400**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**6450**	50.0	15.6	"	1	"	"	"	"	
Potassium	**660**	100	46.8	"	1	"	"	"	"	
Sodium	**6440**	200	120	"	1	"	"	"	"	
Zinc	**13.3**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

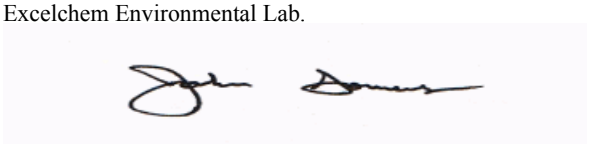
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-4
1206150-11 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**19.4**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**178**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

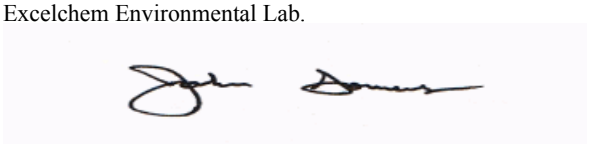
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-9
1206150-12 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**3.9**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**54.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**54.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**101**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.40**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**63.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**46.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**11300**	100	79.0	"	1	"	"	"	"	
Copper	**5.8**	5.0	0.8	"	1	"	"	"	"	
Iron	**576**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**3700**	50.0	15.6	"	1	"	"	"	"	
Potassium	**926**	100	46.8	"	1	"	"	"	"	
Sodium	**7460**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-9
1206150-12 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**6.6**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**331**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.

Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

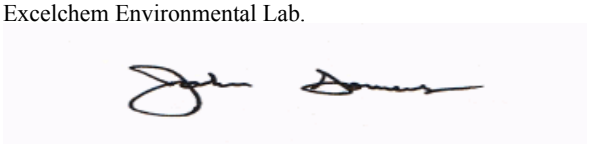
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-11
1206150-13 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.9**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**22.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**22.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**37.4**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**6.78**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**24.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**18.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**3930**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	ND	20.0	11.5	"	1	"	"	"	"	
Magnesium	**1360**	50.0	15.6	"	1	"	"	"	"	
Potassium	**401**	100	46.8	"	1	"	"	"	"	
Sodium	**4330**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

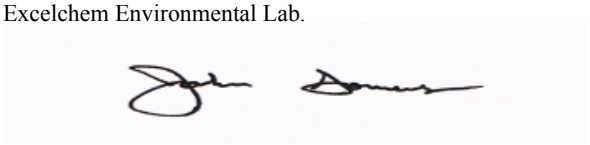
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-11
1206150-13 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	**56.5**	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**21.7**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**21.9**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

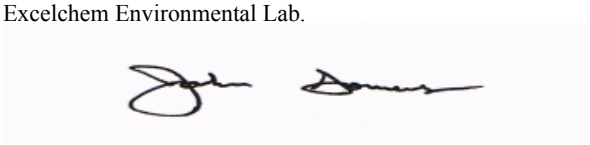
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-12
1206150-14 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.6**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**22.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**22.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**35.0**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**5.93**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**16.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**16.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/19/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**3520**	100	79.0	"	1	"	"	"	"	
Copper	**5.7**	5.0	0.8	"	1	"	"	"	"	
Iron	**31.3**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**1740**	50.0	15.6	"	1	"	"	"	"	
Potassium	**313**	100	46.8	"	1	"	"	"	"	
Sodium	**2650**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-12
1206150-14 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**9.6**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**20.2**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.

Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

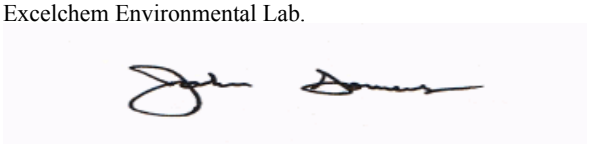
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-13
1206150-15 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	ND	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**46.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**46.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**79.8**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**6.97**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**62.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**40.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**9030**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	ND	20.0	11.5	"	1	"	"	"	"	
Magnesium	**3860**	50.0	15.6	"	1	"	"	"	"	
Potassium	**388**	100	46.8	"	1	"	"	"	"	
Sodium	**4780**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

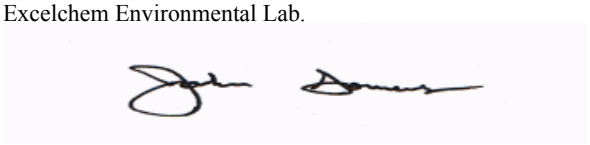
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-13
1206150-15 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	**60.3**	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**7.4**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

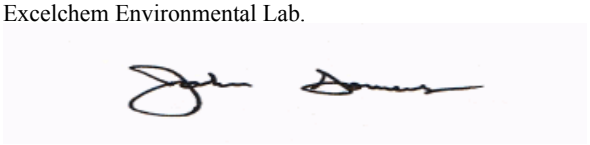
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-17
1206150-16 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.7**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**84.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**84.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**155**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.63**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**92.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**72.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**17200**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	ND	20.0	11.5	"	1	"	"	"	"	
Magnesium	**6930**	50.0	15.6	"	1	"	"	"	"	
Potassium	**1480**	100	46.8	"	1	"	"	"	"	
Sodium	**7670**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

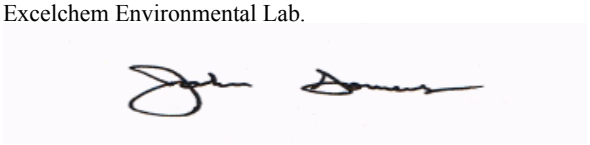
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-17
1206150-16 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

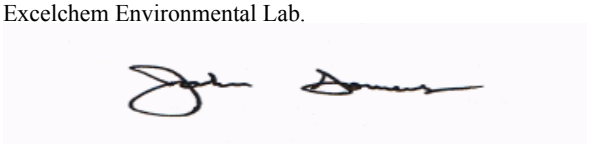
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-14
1206150-17 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	**0.5**	0.5	0.05	mg/L	1	AVF0154	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**3.5**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**82.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**82.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**158**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.47**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**83.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**76.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**26000**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	ND	20.0	11.5	"	1	"	"	"	"	
Magnesium	**2390**	50.0	15.6	"	1	"	"	"	"	
Potassium	**845**	100	46.8	"	1	"	"	"	"	
Sodium	**5950**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

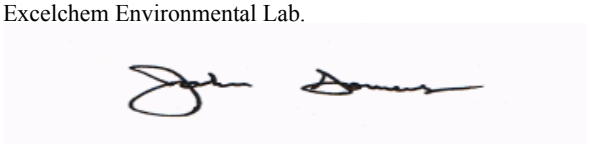
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-14
1206150-17 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

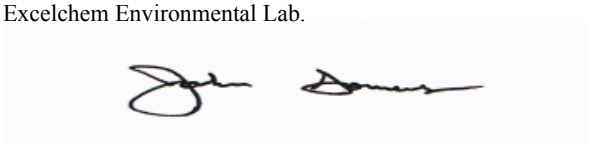
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-15
1206150-18 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.5**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**66.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**66.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**121**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.53**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**68.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**58.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	**57.4**	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**14000**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**28.1**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**5420**	50.0	15.6	"	1	"	"	"	"	
Potassium	**968**	100	46.8	"	1	"	"	"	"	
Sodium	**6190**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

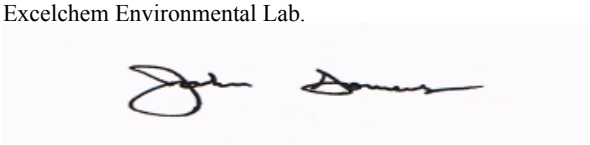
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-15
1206150-18 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

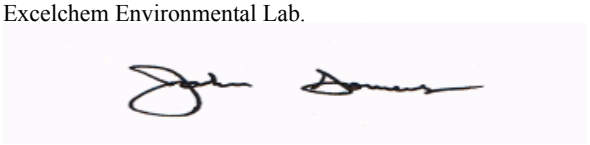
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-16
1206150-19 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	ND	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**74.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**74.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**135**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.51**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**77.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**64.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**15700**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	ND	20.0	11.5	"	1	"	"	"	"	
Magnesium	**6030**	50.0	15.6	"	1	"	"	"	"	
Potassium	**1080**	100	46.8	"	1	"	"	"	"	
Sodium	**6640**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

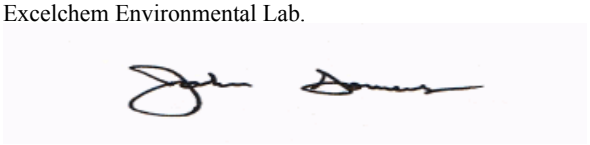
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-16
1206150-19 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**19.5**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

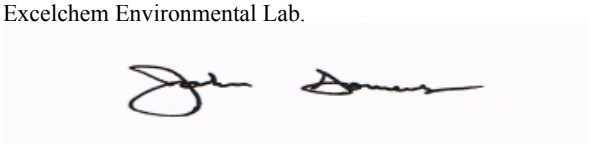
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-18
1206150-20 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**0.9**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**80.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**80.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**150**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.70**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**85.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**70.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0166	06/18/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**16800**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**27.4**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**6620**	50.0	15.6	"	1	"	"	"	"	
Potassium	**1640**	100	46.8	"	1	"	"	"	"	
Sodium	**8210**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

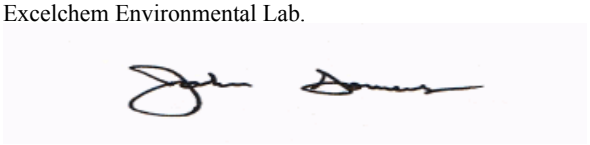
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-18
1206150-20 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0173	06/19/12	06/22/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	**76.4**	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	ND	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	**23.5**	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

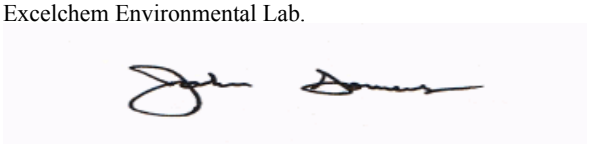
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-20
1206150-21 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Ion Chromatography										
Chloride	ND	0.5	0.05	mg/L	1	AVF0155	06/14/12	06/14/12	EPA 300.0	
Sulfate as SO4	**4.8**	0.5	0.03	"	1	"	"	"	"	
Wet Chemistry										
Total Alkalinity	**54.0**	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
Bicarbonate Alkalinity	**54.0**	5.00	2.37	"	1	"	"	"	"	
Carbonate Alkalinity	ND	5.00	2.37	"	1	"	"	"	"	
Specific Conductance (EC)	**106**	5.00	1.09	uS/cm	1	AVF0144	06/14/12	06/14/12	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	2.37	mg/L	1	AVF0196	06/20/12	06/20/12	SM2320B	
pH	**7.55**	0.100	0.100	pH Units	1	AVF0142	06/14/12	06/15/12	SM 4500-H+ B	
Total Dissolved Solids	**57.0**	15.0	7.68	mg/L	1	AVF0241	06/19/12	06/24/12	SM 2540C	
Total Hardness	**44.0**	5.00	2.86	"	1	AVF0226	06/21/12	06/21/12	SM2340B	
Total Recoverable Metals										
Aluminum	ND	50.0	24.5	ug/l	1	AVF0175	06/19/12	06/20/12	EPA 6010B	
Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Calcium	**12300**	100	79.0	"	1	"	"	"	"	
Copper	ND	5.0	0.8	"	1	"	"	"	"	
Iron	**181**	20.0	11.5	"	1	"	"	"	"	
Magnesium	**3320**	50.0	15.6	"	1	"	"	"	"	
Potassium	**1330**	100	46.8	"	1	"	"	"	"	
Sodium	**10900**	200	120	"	1	"	"	"	"	
Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

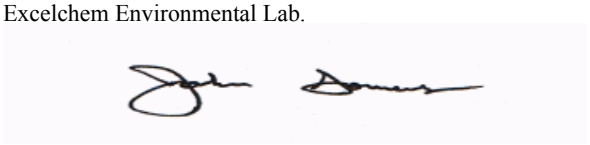
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

WM-20
1206150-21 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
Dissolved Metals										
Dissolved Aluminum	ND	50.0	24.5	ug/l	1	AVF0178	06/19/12	06/21/12	EPA 6010B	
Dissolved Arsenic	ND	5.0	1.0	"	1	"	"	"	"	
Dissolved Cadmium	ND	5.0	0.1	"	1	"	"	"	"	
Dissolved Copper	ND	5.0	0.8	"	1	"	"	"	"	
Dissolved Iron	**108**	20.0	11.5	"	1	"	"	"	"	
Dissolved Zinc	ND	10.0	0.3	"	1	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

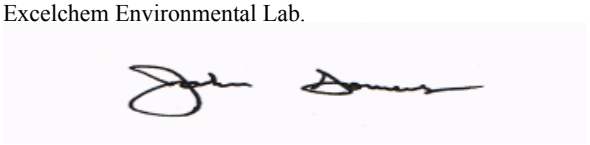
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0154 - EPA 300.0											
Blank (AVF0154-BLK1)					Prepared & Analyzed: 06/14/12						
Chloride	ND	0.5		mg/L							
Sulfate as SO4	ND	0.5		"							
LCS (AVF0154-BS1)					Prepared & Analyzed: 06/14/12						
Chloride	9.9	0.5		mg/L	10.0		99.0	80-120			
Sulfate as SO4	9.8	0.5		"	10.0		98.0	80-120			
LCS Dup (AVF0154-BSD1)					Prepared & Analyzed: 06/14/12						
Chloride	9.9	0.5		mg/L	10.0		98.7	80-120	0.253	20	
Sulfate as SO4	9.9	0.5		"	10.0		98.9	80-120	0.945	20	
Duplicate (AVF0154-DUP1)			**Source: 1206141-03**		Prepared & Analyzed: 06/14/12						
Chloride	8.6	0.5		mg/L		8.8			1.39	20	
Sulfate as SO4	8.5	0.5		"		8.4			1.79	20	
Matrix Spike (AVF0154-MS1)			**Source: 1206150-17**		Prepared & Analyzed: 06/14/12						
Chloride	11.3	0.5		mg/L	10.0	0.5	109	75-125			
Sulfate as SO4	14.8	0.5		"	10.0	3.5	113	75-125			
Matrix Spike Dup (AVF0154-MSD1)			**Source: 1206150-17**		Prepared & Analyzed: 06/14/12						
Chloride	11.4	0.5		mg/L	10.0	0.5	109	75-125	0.132	20	
Sulfate as SO4	14.6	0.5		"	10.0	3.5	111	75-125	0.965	20	
Batch AVF0155 - EPA 300.0											
Blank (AVF0155-BLK1)					Prepared & Analyzed: 06/14/12						
Chloride	ND	0.5		mg/L							
Sulfate as SO4	ND	0.5		"							

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

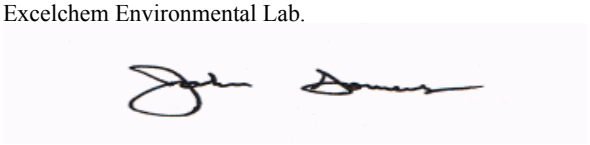
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0155 - EPA 300.0											
LCS (AVF0155-BS1)					Prepared & Analyzed: 06/14/12						
Chloride	10.0	0.5		mg/L	10.0		100	80-120			
Sulfate as SO4	9.8	0.5		"	10.0		98.5	80-120			
LCS Dup (AVF0155-BSD1)					Prepared & Analyzed: 06/14/12						
Chloride	9.9	0.5		mg/L	10.0		98.8	80-120	1.43	20	
Sulfate as SO4	9.9	0.5		"	10.0		98.8	80-120	0.324	20	
Duplicate (AVF0155-DUP1)			**Source: 1206150-02**		Prepared & Analyzed: 06/14/12						
Chloride	0.3	0.5		mg/L		0.3			0.303	20	
Sulfate as SO4	1.7	0.5		"		2.1			19.3	20	
Matrix Spike (AVF0155-MS1)			**Source: 1206150-06**		Prepared & Analyzed: 06/14/12						
Chloride	11.1	0.5		mg/L	10.0	0.4	106	75-125			
Sulfate as SO4	11.5	0.5		"	10.0	0.9	106	75-125			
Matrix Spike Dup (AVF0155-MSD1)			**Source: 1206150-06**		Prepared & Analyzed: 06/14/12						
Chloride	11.3	0.5		mg/L	10.0	0.4	109	75-125	2.17	20	
Sulfate as SO4	11.7	0.5		"	10.0	0.9	108	75-125	1.49	20	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

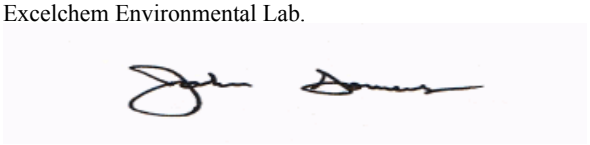
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Wet Chemistry - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0142 - SM 4500-H+ B											
Duplicate (AVF0142-DUP1)			**Source: 1206150-01**		Prepared: 06/14/12 Analyzed: 06/15/12						**Field**
pH	3.66	0.100		pH Units		3.66			0.00	20	
Duplicate (AVF0142-DUP2)			**Source: 1206150-14**		Prepared: 06/14/12 Analyzed: 06/15/12						**Field**
pH	5.98	0.100		pH Units		5.93			0.840	20	
Batch AVF0144 - EPA 120.1											
Duplicate (AVF0144-DUP1)			**Source: 1206150-12**		Prepared & Analyzed: 06/14/12						
Specific Conductance (EC)	101	5.00		uS/cm		101			0.00	20	
Duplicate (AVF0144-DUP2)			**Source: 1206150-21**		Prepared & Analyzed: 06/14/12						
Specific Conductance (EC)	106	5.00		uS/cm		106			0.189	20	
Batch AVF0196 - SM2320B											
Blank (AVF0196-BLK1)					Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	ND	5.00		mg/L							
Carbonate Alkalinity	ND	5.00		"							
Hydroxide Alkalinity	ND	5.00		"							
Total Alkalinity	ND	5.00		"							
Blank (AVF0196-BLK2)					Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	ND	5.00		mg/L							
Carbonate Alkalinity	ND	5.00		"							
Hydroxide Alkalinity	ND	5.00		"							
Total Alkalinity	ND	5.00		"							

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

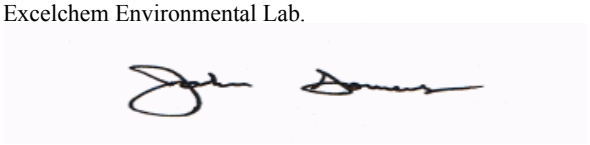
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Wet Chemistry - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0196 - SM2320B											
LCS (AVF0196-BS1)					Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	102	5.00		mg/L	100		102	80-120			
Total Alkalinity	102	5.00		"	100		102	80-120			
LCS (AVF0196-BS2)					Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	104	5.00		mg/L	100		104	80-120			
Total Alkalinity	104	5.00		"	100		104	80-120			
LCS Dup (AVF0196-BSD1)					Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	92.0	5.00		mg/L	100		92.0	80-120	10.3	20	
Total Alkalinity	92.0	5.00		"	100		92.0	80-120	10.3	20	
LCS Dup (AVF0196-BSD2)					Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	103	5.00		mg/L	100		103	80-120	0.966	20	
Total Alkalinity	103	5.00		"	100		103	80-120	0.966	20	
Duplicate (AVF0196-DUP1)			**Source: 1206150-20**		Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	80.0	5.00		mg/L		80.0			0.00	20	
Carbonate Alkalinity	ND	5.00		"		ND				20	
Hydroxide Alkalinity	ND	5.00		"		ND				20	
Total Alkalinity	80.0	5.00		"		80.0			0.00	20	
Duplicate (AVF0196-DUP2)			**Source: 1206164-02**		Prepared & Analyzed: 06/20/12						
Bicarbonate Alkalinity	366	5.00		mg/L		364			0.548	20	
Carbonate Alkalinity	ND	5.00		"		ND				20	
Hydroxide Alkalinity	ND	5.00		"		ND				20	
Total Alkalinity	366	5.00		"		364			0.548	20	
Matrix Spike (AVF0196-MS1)			**Source: 1206150-06**		Prepared & Analyzed: 06/20/12						
Total Alkalinity	166	5.00		mg/L	100	64.0	102	80-120			

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

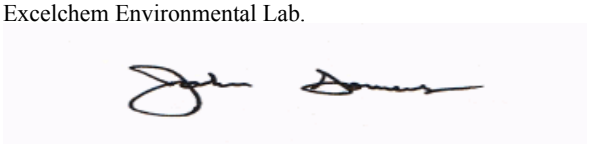
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Wet Chemistry - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0196 - SM2320B											
Matrix Spike (AVF0196-MS2)			**Source: 1206170-01**		Prepared & Analyzed: 06/20/12						
Total Alkalinity	509	5.00		mg/L	100	420	89.0	80-120			
Matrix Spike Dup (AVF0196-MSD1)			**Source: 1206150-06**		Prepared & Analyzed: 06/20/12						
Total Alkalinity	162	5.00		mg/L	100	64.0	98.0	80-120	2.44	20	
Matrix Spike Dup (AVF0196-MSD2)			**Source: 1206170-01**		Prepared & Analyzed: 06/20/12						
Total Alkalinity	501	5.00		mg/L	100	420	81.0	80-120	1.58	20	
Batch AVF0226 - SM2340B											
Blank (AVF0226-BLK1)					Prepared & Analyzed: 06/21/12						
Total Hardness	ND	5.00		mg/L							
LCS (AVF0226-BS1)					Prepared & Analyzed: 06/21/12						
Total Hardness	50.0	5.00		mg/L	50.0		100	80-120			
LCS Dup (AVF0226-BSD1)					Prepared & Analyzed: 06/21/12						
Total Hardness	50.0	5.00		mg/L	50.0		100	80-120	0.00	20	
Duplicate (AVF0226-DUP1)			**Source: 1206150-20**		Prepared & Analyzed: 06/21/12						
Total Hardness	72.0	5.00		mg/L		70.0			2.82	20	
Matrix Spike (AVF0226-MS1)			**Source: 1206189-03**		Prepared & Analyzed: 06/21/12						
Total Hardness	84.0	5.00		mg/L	50.0	40.0	88.0	75-125			
Matrix Spike Dup (AVF0226-MSD1)			**Source: 1206189-03**		Prepared & Analyzed: 06/21/12						
Total Hardness	80.0	5.00		mg/L	50.0	40.0	80.0	75-125	4.88	20	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

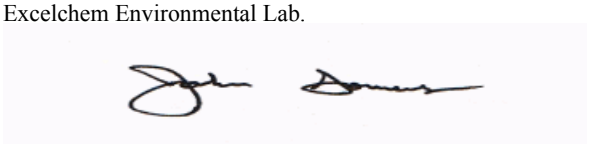
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Wet Chemistry - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0241 - SM 2540C											
Blank (AVF0241-BLK1)					Prepared: 06/19/12 Analyzed: 06/24/12						
Total Dissolved Solids	ND	15.0		mg/L							
Blank (AVF0241-BLK2)					Prepared: 06/19/12 Analyzed: 06/24/12						
Total Dissolved Solids	ND	15.0		mg/L							
Duplicate (AVF0241-DUP1)			**Source: 1206150-10**		Prepared: 06/26/12 Analyzed: 06/28/12						
Total Dissolved Solids	25.0	15.0		mg/L		26.0			3.92	20	
Duplicate (AVF0241-DUP2)			**Source: 1206150-21**		Prepared: 06/19/12 Analyzed: 06/24/12						
Total Dissolved Solids	55.0	15.0		mg/L		57.0			3.57	20	
Batch AVF0279 - SM2340B											
Blank (AVF0279-BLK1)					Prepared & Analyzed: 06/27/12						
Total Hardness	ND	5.00		mg/L							
LCS (AVF0279-BS1)					Prepared & Analyzed: 06/27/12						
Total Hardness	46.0	5.00		mg/L	50.0		92.0	80-120			
LCS Dup (AVF0279-BSD1)					Prepared & Analyzed: 06/27/12						
Total Hardness	50.0	5.00		mg/L	50.0		100	80-120	8.33	20	
Duplicate (AVF0279-DUP1)			**Source: 1206150-07**		Prepared & Analyzed: 06/27/12						
Total Hardness	68.0	5.00		mg/L		70.0			2.90	20	
Matrix Spike (AVF0279-MS1)			**Source: 1206150-07**		Prepared & Analyzed: 06/27/12						
Total Hardness	120	5.00		mg/L	50.0	70.0	100	75-125			

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

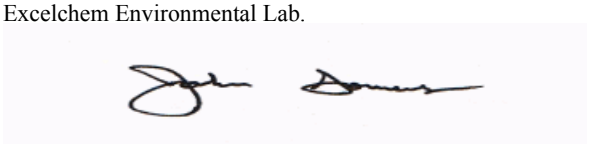
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Wet Chemistry - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0279 - SM2340B											
Matrix Spike Dup (AVF0279-MSD1)			**Source: 1206150-07**		Prepared & Analyzed: 06/27/12						
Total Hardness	120	5.00		mg/L	50.0	70.0	100	75-125	0.00	20	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

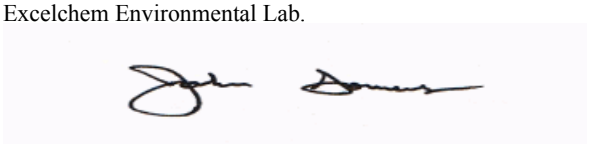
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0166 - EPA 6010B											
Blank (AVF0166-BLK1)					Prepared: 06/18/12 Analyzed: 06/19/12						
Aluminum	ND	50.0		ug/l							
Arsenic	ND	5.0		"							
Cadmium	ND	5.0		"							
Calcium	ND	100		"							
Copper	ND	5.0		"							
Iron	ND	20.0		"							
Magnesium	ND	50.0		"							
Potassium	ND	100		"							
Sodium	ND	200		"							
Zinc	ND	10.0		"							
LCS (AVF0166-BS1)					Prepared: 06/18/12 Analyzed: 06/19/12						
Aluminum	923	50.0		ug/l	1000		92.3	80-120			
Arsenic	883	5.0		"	1000		88.3	80-120			
Cadmium	865	5.0		"	1000		86.5	80-120			
Calcium	852	100		"	1000		85.2	80-120			
Copper	869	5.0		"	1000		86.9	80-120			
Iron	882	20.0		"	1000		88.2	80-120			
Magnesium	872	50.0		"	1000		87.2	80-120			
Potassium	9290	100		"	10000		92.9	80-120			
Sodium	1040	200		"	1000		104	80-120			
Zinc	847	10.0		"	1000		84.7	80-120			
LCS Dup (AVF0166-BSD1)					Prepared: 06/18/12 Analyzed: 06/19/12						
Aluminum	978	50.0		ug/l	1000		97.8	80-120	5.82	25	
Arsenic	988	5.0		"	1000		98.8	80-120	11.3	25	
Cadmium	964	5.0		"	1000		96.4	80-120	10.8	25	
Calcium	950	100		"	1000		95.0	80-120	10.9	25	
Copper	969	5.0		"	1000		96.9	80-120	10.9	25	
Iron	973	20.0		"	1000		97.3	80-120	9.85	25	
Magnesium	974	50.0		"	1000		97.4	80-120	11.0	25	
Potassium	9410	100		"	10000		94.1	80-120	1.26	25	
Sodium	900	200		"	1000		90.0	80-120	14.0	25	
Zinc	945	10.0		"	1000		94.5	80-120	11.0	25	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

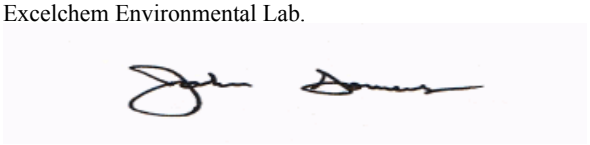
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0166 - EPA 6010B											
Matrix Spike (AVF0166-MS1)			**Source: 1206150-10**		Prepared: 06/18/12 Analyzed: 06/19/12						
Aluminum	1000	50.0		ug/l	1000	27.9	97.7	75-125			
Arsenic	988	5.0		"	1000	ND	98.8	75-125			
Cadmium	963	5.0		"	1000	ND	96.3	75-125			
Calcium	9090	100		"	1000	8160	93.3	75-125			
Copper	955	5.0		"	1000	0.900	95.4	75-125			
Iron	1440	20.0		"	1000	483	95.2	75-125			
Magnesium	3820	50.0		"	1000	2860	95.3	75-125			
Potassium	10400	100		"	10000	742	96.6	75-125			
Sodium	8110	200		"	1000	7060	105	75-125			
Zinc	942	10.0		"	1000	2.10	94.0	75-125			
Matrix Spike Dup (AVF0166-MSD1)			**Source: 1206150-10**		Prepared: 06/18/12 Analyzed: 06/19/12						
Aluminum	975	50.0		ug/l	1000	27.9	94.7	75-125	3.01	25	
Arsenic	987	5.0		"	1000	ND	98.7	75-125	0.0506	25	
Cadmium	964	5.0		"	1000	ND	96.4	75-125	0.104	25	
Calcium	9180	100		"	1000	8160	102	75-125	0.953	25	
Copper	960	5.0		"	1000	0.900	95.9	75-125	0.512	25	
Iron	1450	20.0		"	1000	483	96.7	75-125	1.04	25	
Magnesium	3860	50.0		"	1000	2860	99.4	75-125	1.07	25	
Potassium	10300	100		"	10000	742	95.8	75-125	0.772	25	
Sodium	8180	200		"	1000	7060	112	75-125	0.847	25	
Zinc	942	10.0		"	1000	2.10	94.0	75-125	0.00	25	
Batch AVF0175 - EPA 6010B											
Blank (AVF0175-BLK1)					Prepared: 06/19/12 Analyzed: 06/20/12						
Aluminum	ND	50.0		ug/l							
Arsenic	ND	5.0		"							
Cadmium	ND	5.0		"							
Calcium	ND	100		"							
Copper	ND	5.0		"							
Iron	ND	20.0		"							
Magnesium	ND	50.0		"							
Potassium	ND	100		"							
Sodium	ND	200		"							
Zinc	ND	10.0		"							

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

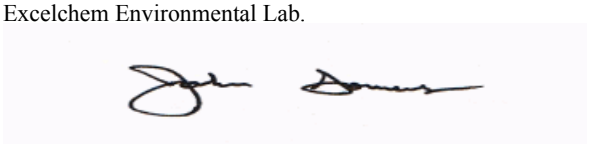
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0175 - EPA 6010B											
LCS (AVF0175-BS1)					Prepared: 06/19/12 Analyzed: 06/20/12						
Aluminum	951	50.0		ug/l	1000		95.1	80-120			
Arsenic	987	5.0		"	1000		98.7	80-120			
Cadmium	965	5.0		"	1000		96.5	80-120			
Calcium	988	100		"	1000		98.8	80-120			
Copper	978	5.0		"	1000		97.8	80-120			
Iron	978	20.0		"	1000		97.8	80-120			
Magnesium	975	50.0		"	1000		97.5	80-120			
Potassium	9670	100		"	10000		96.7	80-120			
Sodium	987	200		"	1000		98.7	80-120			
Zinc	961	10.0		"	1000		96.1	80-120			
LCS Dup (AVF0175-BSD1)					Prepared: 06/19/12 Analyzed: 06/20/12						
Aluminum	917	50.0		ug/l	1000		91.7	80-120	3.66	25	
Arsenic	988	5.0		"	1000		98.8	80-120	0.0810	25	
Cadmium	968	5.0		"	1000		96.8	80-120	0.383	25	
Calcium	1000	100		"	1000		100	80-120	1.57	25	
Copper	996	5.0		"	1000		99.6	80-120	1.84	25	
Iron	990	20.0		"	1000		99.0	80-120	1.17	25	
Magnesium	989	50.0		"	1000		98.9	80-120	1.39	25	
Potassium	9650	100		"	10000		96.5	80-120	0.197	25	
Sodium	965	200		"	1000		96.5	80-120	2.27	25	
Zinc	970	10.0		"	1000		97.0	80-120	0.933	25	
Matrix Spike (AVF0175-MS1)			**Source: 1206142-02**		Prepared: 06/19/12 Analyzed: 06/20/12						
Aluminum	955	50.0		ug/l	1000	58.8	89.6	75-125			
Arsenic	1020	5.0		"	1000	ND	102	75-125			
Cadmium	977	5.0		"	1000	ND	97.7	75-125			
Calcium	10900	100		"	1000	9660	121	75-125			
Copper	947	5.0		"	1000	2.80	94.4	75-125			
Iron	1040	20.0		"	1000	40.0	99.6	75-125			
Magnesium	2800	50.0		"	1000	1790	101	75-125			
Potassium	23300	100		"	10000	12500	108	75-125			
Zinc	1150	10.0		"	1000	148	100	75-125			

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

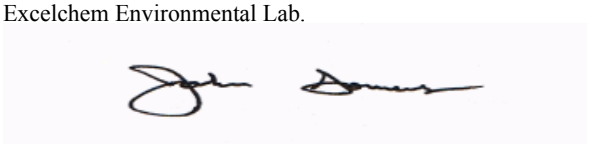
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Total Recoverable Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0175 - EPA 6010B											
Matrix Spike (AVF0175-MS2)			**Source: 1206142-02RE1**		Prepared: 06/19/12 Analyzed: 06/20/12						
Arsenic	995	5.0		ug/l	1000	ND	99.5	75-125			
Sodium	246000	200		"	1000	238000	720	75-125			QL-01
Matrix Spike Dup (AVF0175-MSD1)			**Source: 1206142-02**		Prepared: 06/19/12 Analyzed: 06/20/12						
Aluminum	945	50.0		ug/l	1000	58.8	88.6	75-125	1.12	25	
Arsenic	1010	5.0		"	1000	ND	101	75-125	0.0986	25	
Cadmium	972	5.0		"	1000	ND	97.2	75-125	0.482	25	
Calcium	10700	100		"	1000	9660	104	75-125	1.58	25	
Copper	944	5.0		"	1000	2.80	94.1	75-125	0.328	25	
Iron	1030	20.0		"	1000	40.0	98.8	75-125	0.775	25	
Magnesium	2760	50.0		"	1000	1790	97.5	75-125	1.19	25	
Potassium	23100	100		"	10000	12500	106	75-125	0.950	25	
Zinc	1140	10.0		"	1000	148	99.2	75-125	0.959	25	
Matrix Spike Dup (AVF0175-MSD2)			**Source: 1206142-02RE1**		Prepared: 06/19/12 Analyzed: 06/20/12						
Arsenic	990	5.0		ug/l	1000	ND	99.0	75-125	0.453	25	
Sodium	240000	200		"	1000	238000	120	75-125	2.47	25	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

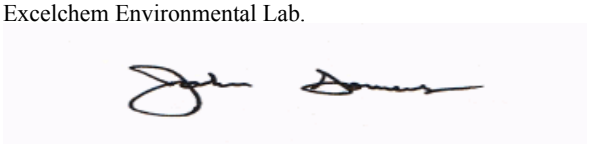
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Dissolved Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0173 - EPA 6010B											
Blank (AVF0173-BLK1)					Prepared: 06/19/12 Analyzed: 06/22/12						
Dissolved Aluminum	ND	50.0		ug/l							
Dissolved Arsenic	ND	5.0		"							
Dissolved Cadmium	ND	5.0		"							
Dissolved Copper	ND	5.0		"							
Dissolved Iron	ND	20.0		"							
Dissolved Zinc	ND	10.0		"							
LCS (AVF0173-BS1)					Prepared: 06/19/12 Analyzed: 06/21/12						
Dissolved Aluminum	998	50.0		ug/l	1000		99.8	80-120			
Dissolved Arsenic	938	5.0		"	1000		93.8	80-120			
Dissolved Cadmium	984	5.0		"	1000		98.4	80-120			
Dissolved Copper	1030	5.0		"	1000		103	80-120			
Dissolved Iron	1010	20.0		"	1000		101	80-120			
Dissolved Zinc	983	10.0		"	1000		98.3	80-120			
LCS Dup (AVF0173-BSD1)					Prepared: 06/19/12 Analyzed: 06/21/12						
Dissolved Aluminum	1050	50.0		ug/l	1000		105	80-120	5.12	25	
Dissolved Arsenic	938	5.0		"	1000		93.8	80-120	0.00	25	
Dissolved Cadmium	981	5.0		"	1000		98.1	80-120	0.305	25	
Dissolved Copper	1020	5.0		"	1000		102	80-120	0.293	25	
Dissolved Iron	1000	20.0		"	1000		100	80-120	1.09	25	
Dissolved Zinc	980	10.0		"	1000		98.0	80-120	0.377	25	
Matrix Spike (AVF0173-MS1)			**Source: 1206150-13**		Prepared: 06/19/12 Analyzed: 06/21/12						
Dissolved Aluminum	1020	50.0		ug/l	1000	56.5	95.8	75-125			
Dissolved Arsenic	941	5.0		"	1000	ND	94.1	75-125			
Dissolved Cadmium	983	5.0		"	1000	ND	98.3	75-125			
Dissolved Copper	1020	5.0		"	1000	4.30	102	75-125			
Dissolved Iron	1020	20.0		"	1000	21.7	100	75-125			
Dissolved Zinc	1000	10.0		"	1000	21.9	98.0	75-125			

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

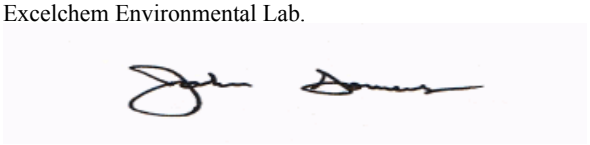
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Dissolved Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0173 - EPA 6010B											
Matrix Spike Dup (AVF0173-MSD1)		**Source: 1206150-13**			Prepared: 06/19/12 Analyzed: 06/21/12						
Dissolved Aluminum	1050	50.0		ug/l	1000	56.5	99.2	75-125	3.20	25	
Dissolved Arsenic	946	5.0		"	1000	ND	94.6	75-125	0.530	25	
Dissolved Cadmium	988	5.0		"	1000	ND	98.8	75-125	0.497	25	
Dissolved Copper	1040	5.0		"	1000	4.30	104	75-125	1.74	25	
Dissolved Iron	1040	20.0		"	1000	21.7	101	75-125	1.07	25	
Dissolved Zinc	1010	10.0		"	1000	21.9	99.1	75-125	1.09	25	
Batch AVF0178 - EPA 6010B											
Blank (AVF0178-BLK1)					Prepared: 06/19/12 Analyzed: 06/20/12						
Dissolved Aluminum	ND	50.0		ug/l							
Dissolved Arsenic	ND	5.0		"							
Dissolved Cadmium	ND	5.0		"							
Dissolved Copper	ND	5.0		"							
Dissolved Iron	ND	20.0		"							
Dissolved Zinc	ND	10.0		"							
LCS (AVF0178-BS1)					Prepared: 06/19/12 Analyzed: 06/20/12						
Dissolved Aluminum	972	50.0		ug/l	1000		97.2	80-120			
Dissolved Arsenic	968	5.0		"	1000		96.8	80-120			
Dissolved Cadmium	975	5.0		"	1000		97.5	80-120			
Dissolved Copper	988	5.0		"	1000		98.8	80-120			
Dissolved Iron	982	20.0		"	1000		98.2	80-120			
Dissolved Zinc	976	10.0		"	1000		97.6	80-120			
LCS Dup (AVF0178-BSD1)					Prepared: 06/19/12 Analyzed: 06/20/12						
Dissolved Aluminum	962	50.0		ug/l	1000		96.2	80-120	1.03	25	
Dissolved Arsenic	963	5.0		"	1000		96.3	80-120	0.570	25	
Dissolved Cadmium	974	5.0		"	1000		97.4	80-120	0.103	25	
Dissolved Copper	992	5.0		"	1000		99.2	80-120	0.454	25	
Dissolved Iron	990	20.0		"	1000		99.0	80-120	0.903	25	
Dissolved Zinc	976	10.0		"	1000		97.6	80-120	0.0307	25	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

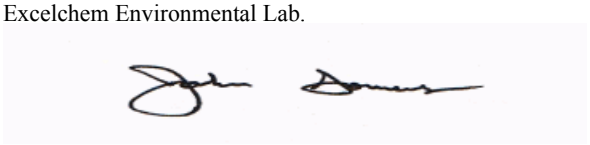
Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Dissolved Metals - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AVF0178 - EPA 6010B											
Matrix Spike (AVF0178-MS1)			**Source: 1206150-21**		Prepared: 06/19/12 Analyzed: 06/20/12						
Dissolved Aluminum	946	50.0		ug/l	1000	26.9	91.9	75-125			
Dissolved Arsenic	964	5.0		"	1000	ND	96.4	75-125			
Dissolved Cadmium	968	5.0		"	1000	ND	96.8	75-125			
Dissolved Copper	972	5.0		"	1000	4.90	96.7	75-125			
Dissolved Iron	1100	20.0		"	1000	108	99.8	75-125			
Dissolved Zinc	972	10.0		"	1000	1.00	97.1	75-125			
Matrix Spike Dup (AVF0178-MSD1)			**Source: 1206150-21**		Prepared: 06/19/12 Analyzed: 06/20/12						
Dissolved Aluminum	929	50.0		ug/l	1000	26.9	90.2	75-125	1.81	25	
Dissolved Arsenic	963	5.0		"	1000	ND	96.3	75-125	0.125	25	
Dissolved Cadmium	967	5.0		"	1000	ND	96.7	75-125	0.0723	25	
Dissolved Copper	978	5.0		"	1000	4.90	97.4	75-125	0.697	25	
Dissolved Iron	1100	20.0		"	1000	108	98.8	75-125	0.818	25	
Dissolved Zinc	972	10.0		"	1000	1.00	97.0	75-125	0.0412	25	

Excelchem Environmental Lab.



Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Notes and Definitions

QL-01 Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.

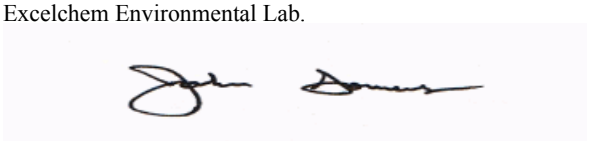
Field This analyte was analyzed outside of the EPA recommended hold time of ASAP and should be analyzed in the field.

ND Analyte not detected at reporting limit.

NR Not reported

Analysis Method	Prep Method
EPA 8260, EPA 8021/8015M	EPA 5030B
EPA 8270, EPA 8081, EPA 8082, EPA 8141, EPA 8015M (extractable)	Water - EPA 3510C, Soil- EPA 3550B
Metals	Water- 3005A, Soil- 3050B
TCLP	EPA 1311
Not Specified	Same as Analysis Method

Excelchem Environmental Lab.

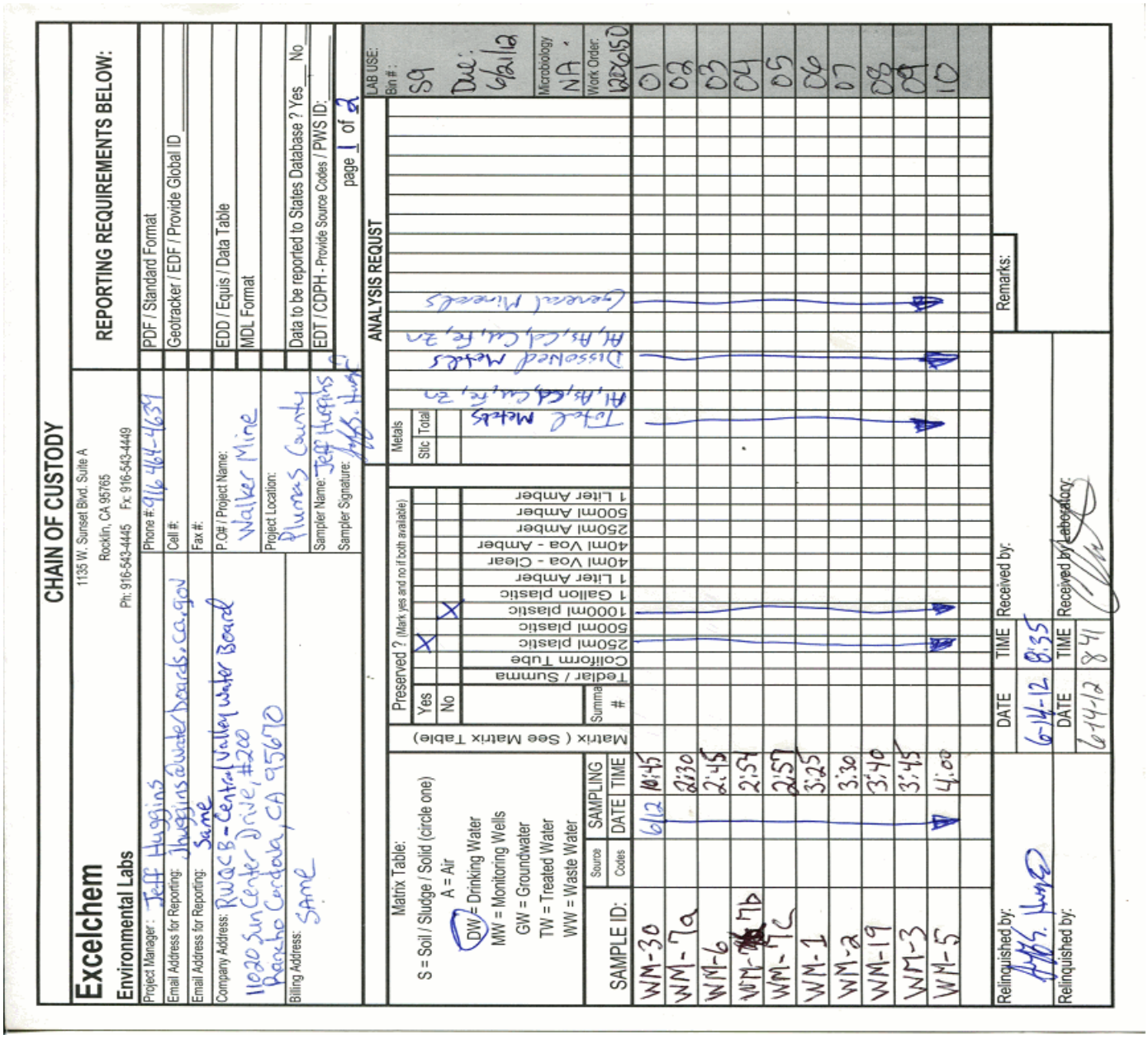


Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18



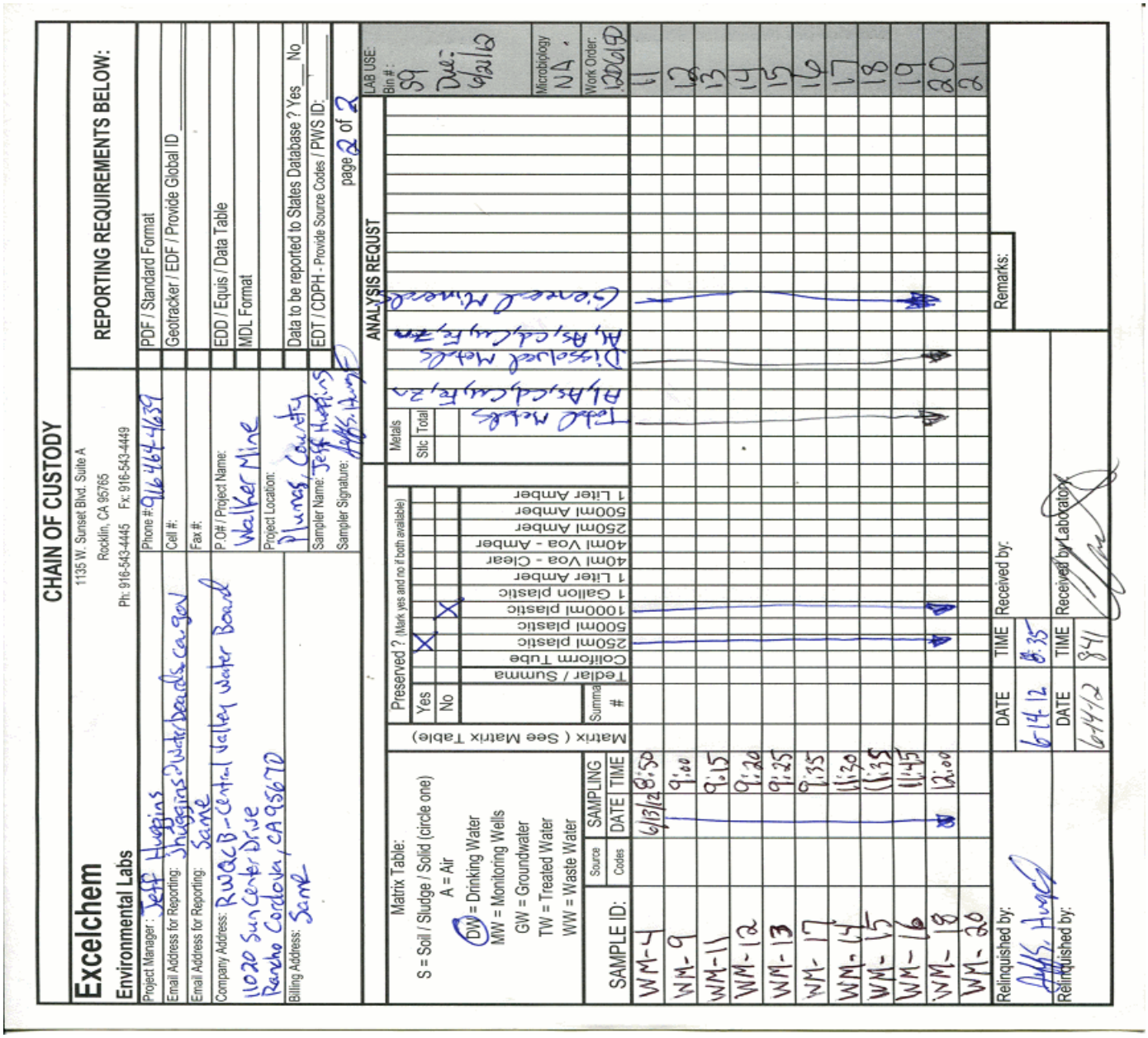
Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18



Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Monica - please attach to COC when it comes in

Front Desk

From: Jeff Huggins [jhuggins@waterboards.ca.gov]
Sent: Tuesday, June 05, 2012 1:27 PM
To: Front Desk
Cc: Leticia Valadez
Subject: Request for Sample Bottles and Analytical Services - Walker Mine Project

We are planning on doing some water sampling (no soils) next week at an old abandoned copper mine (Walker Mine) in Plumas County. In October of last year Excelchem provided bottles and analytical services for this same site. Excelchem's Work Order number for the 23 November 2011 analytical report is: 1111071.

We would like Excelchem to analyze and report for the same constituents as last year. Those were:

1. Total Metals - Aluminum, Arsenic, Copper, Iron, Zinc, and Cadmium. All with HNO3 (or equal) preservative.
2. Dissolved Metals - Aluminum, Arsenic, Copper, Iron, Zinc, and Cadmium.
3. General Minerals - Total Alkalinity, Bicarbonate as CaCO3, Carbonate as CaCO3, Hydroxide as CaCO3, Chloride, Specific Conductance (EC), Calcium, Magnesium, Potassium, Sodium, Hardness as CaCO3, pH, Sulfate as SO4 and Total Dissolved Solids.

Items 1 and 2 above should be analyzed on an individual basis (not as a Bid Group) to reduce costs. Item 3 should be run as Bid Group 20 (Title 22 General Minerals) in accordance with the Regional Water Boards contract if that is most effective cost-wise.

Reporting limits for metals should be sufficiently low to meet the following criteria:

Al 50 ug\L
As 5 ug\L
Cd 5 ug\L
Cu 5 ug\L
Fe 150 ug\L
Zn 20 ug\L

For this sampling event we have 25 sample locations. I believe that we used 1L ml plastic bottles for the total, dissolved, and general minerals analysis and that Excelchem preserved the samples upon receipt at the lab the day following sample collection. If this protocol has changed, please contact me and let me know what to expect.

We need the sample bottles delivered to our Rancho Cordova office no later than 12:00pm on Monday June 11th and we will drop off the sample bottles at your Roseville facility on the morning of Thursday June 14th.

Please contact me should you have any questions.

Regards,

Jeff S Huggins
Water Resources Control Engineer
Title 27 Permitting and Mining
Regional Water Quality Control Board
11020 Sun Center Drive, # 200
Rancho Cordova, CA 95670
Phone (916)464-4639
Fax (916)464-4782

6/5/2012

Excelchem Environmental Lab.

Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Excelchem Environmental Labs

RWQC Central Valley	Project:	Walker Mine	
11020 Sun Center Dr. #200	Project Number:	[none]	Date Reported:
Rancho Cordova, CA 95670	Project Manager:	Jeff Huggins	06/29/12 15:18

Sample Integrity

WORK ORDER 1206150

Date Received: 6-14-12

Section 1 – Sample Arrival Info.

Sample Transport: ONTRAC UPS USPS (Walk-In) EXCELCHEM Courier Fed-Ex Other:_____

Transported In: (Ice Chest) Box Hand

Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: N/A

Has chilling process begun? (Y) N Samples Received: Chilled to Touch / Ambient / (On Ice)

Temperature of Samples (°C): 3 Ice Chest Temperature(s) (°C): 2

Section 2 – Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	X			
Did all bottle labels agree with COC?	X			no sample date/time on COC for WM-20 (used info. from bottle)
Were correct containers used for the tests requested?	*			* General minerals wanted not listed
Were correct preservations used for the tests requested?	*			
Was a sufficient amount of sample sent for tests indicated?	*			
Were bubbles present in VOA Vials?: **(Volatile Methods Only)**			X	

WM-20 taken from bottle 6/13/12 at 1pm

Section 3 – Summa/Flow regulator Info.

Used Summa#:

Unused Summa#:

Cleaning Summa#:

Regulator#:

Was there any visual damage to summa canisters **or** flow regulators? **Explain.**

N/A

Section 4 – COC Info.

	Completed Yes	Completed No	Info From Container		Completed Yes	Completed No	Comments
Was COC Received	X			Analysis Requested	X	X	Last sample is not checked (WM-20)
Date Sampled	X		X	Samples arrived within holding time	*	~~X~~ (pH)	
Time Sampled	X		X	Any hold times less than 72 hrs		*	
Sample ID	X			Client Name	X		
Rush TAT		X		Address/Telephone #	X		

Section 5 – Comments / Discrepancies

Was Client notified of discrepancies: Yes No N/A Notified by:

Explanations / Comments:

Samples Labeled by: mg

Bin #s: 39

COC Scanned/Attached by: mg

Sample labels reviewed by: _____

Filled Out by: CK **Date:** 6-14-12 **Time:** 853

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Laboratory Representative