



Rae Bell Arbogast <original1621@gmail.com>

Deficient reporting question

1 message

Original Sixteen to One Mine, Inc. <original1621@gmail.com>

Mon, Nov 23, 2015 at 11:30 AM

To: aserratos@waterboards.ca.gov

Alejandra:

I understand that you are the new compliance person for the Sixteen to One Mine. We got the attached notice in the mail on Friday.

I volunteered to do the quarterly water sampling and I submitted the results, but evidently my report was not deemed sufficient. Attached are the lab reports. I am assuming they have the missing info. on them? Would it be OK to just submit the reports from the lab rather than doing our own spreadsheet? I would include supplemental information for what we do in house: flow and temp

Please advise.

Thank you

Rae Bell Arbogast

Administrative Assistant

530-287-3223

**SIXTEEN TO ONE DEFICIENT REPORTING.pdf**

538K

Central Valley Regional Water Quality Control Board

12 November 2015



RECEIVED

11/19/15

Michael M. Miller
President
Original Sixteen to One Mine, Inc.
P.O. Box 909
Alleghany, CA 95910

SELF-MONITORING REPORT REVIEW AND NOTICE OF VIOLATION, ORIGINAL SIXTEEN TO ONE MINE, INC, SIXTEEN TO ONE MINE, SIERRA COUNTY

The Original Sixteen to One Mine (Facility) is owned by Original Sixteen to One Mine, Inc. (Discharger) and is regulated by Waste Discharge Requirements (WDRs) Order R5-2015-0002, and Time Schedule Order (TSO) R5-2015-0035. The Monitoring and Reporting Program (MRP) of the WDRs requires monitoring for constituents and other parameters, and specifies the location and frequency of monitoring. Central Valley Water Board staff has reviewed the electronic self-monitoring reports (eSMRs) submitted by the Discharger for the **Second Quarter 2015** and **Third Quarter 2015** monitoring periods.

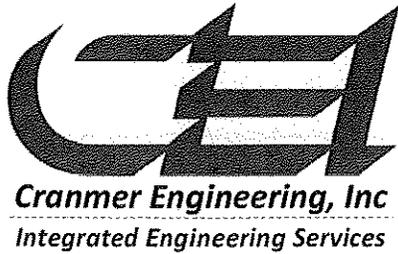
The review of the eSMRs identified the following violations:

Deficient Reporting

MRP section X.B.4. states "*The Discharger shall report with each sample result the applicable Reporting Level (RL) and the current Method Detection Limit (MDL), as determined by the procedure in 40 CFR Part 136...*" Board staff has determined that the Discharger is not reporting the MDLs and RLs with the eSMR quarterly reports; therefore, Board staff is unable to determine compliance with the WDRs. This is a violation of the MRP and potentially subject to discretionary penalties of \$1,000 per day per incomplete report.

Effluent Limitation Violations

According to the eSMRs, the Discharger violated the interim effluent limitations for antimony contained in the TSO, as listed in Table A. The interim average monthly effluent limitation of 35 µg/L and interim daily maximum effluent violation of 50 µg/L contained in TSO R5-2015-0035 were exceeded during the reporting period; therefore, mandatory minimum penalty (MMP) protection was lost for the violation of the WDRs effluent limitations. These violations potentially subject the Discharger to MMPs. Should Board staff determine that these violations are subject to MMPs, an additional notification will be provided.



Chemical Report

Sixteen to One Mine
 P.O. Box 909
 Alleghany CA 95910

Job Number: 6152343
Date Reported: 10/16/15
Date / Time Received: 09/22/15 12:03
System Number:

Sample Number: 6152343 - 1

Sample Site: RSW-001

Date / Time Collected: 09/22/15 7:44

Sample Collected By: Rae Bell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Carbonate as CO ₃	ND	mg/L	SM 2320B	9/24/2015	JS	1
Bicarbonate as HCO ₃	79.1	mg/L	SM 2320B	9/24/2015	JS	1
Hydroxide as OH	ND	mg/L	SM 2320B	9/24/2015	JS	1
Alkalinity	64.9	mg/L	SM 2320B	9/24/2015	JS	1
Total Recoverable Arsenic	8.0	µg/L	EPA 206.2	9/28/2015	AP	2
Dissolved Oxygen	9.00	mg/L	EPA 360.2	9/23/2015	JS	0.05
pH	7.2	pH Units	SM(18)4500-H+ B	9/22/2015	AP	0.1
Specific Conductivity	184	µmhos/cm, 25°C	EPA 120.1	9/22/2015	AP	0.5
Turbidity	0.20	NTU	EPA 180.1	9/22/2015	AP	0.1

Sample Number: 6152343 - 2

Sample Site: RSW-002

Date / Time Collected: 09/22/15 8:30

Sample Collected By: Rae Bell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Carbonate as CO ₃	ND	mg/L	SM 2320B	9/24/2015	JS	1
Bicarbonate as HCO ₃	79.5	mg/L	SM 2320B	9/24/2015	JS	1
Hydroxide as OH	ND	mg/L	SM 2320B	9/24/2015	JS	1
Alkalinity	65.1	mg/L	SM 2320B	9/24/2015	JS	1
Total Recoverable Arsenic	19.3	µg/L	EPA 206.2	9/28/2015	AP	2

Note: "ND" means "none detected" (ie, none was found in the sample at or above the reporting limit).

Integrating people, land and water.

1188 East Main Street, Grass Valley, CA 95945

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Sample Number: 6152343 - 2

Sample Site: RSW-002

Date / Time Collected: 09/22/15 8:30

Sample Collected By: Rae Bell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Dissolved Oxygen	7.70	mg/L	EPA 360.2	9/23/2015	JS	0.05
pH	7.1	pH Units	SM(18)4500-H+ B	9/22/2015	AP	0.1
Specific Conductivity	206	µmhos/cm, 25°C	EPA 120.1	9/22/2015	AP	0.5
Turbidity	0.30	NTU	EPA 180.1	9/22/2015	AP	0.1

Sample Number: 6152343 - 3

Sample Site: Effluent

Date / Time Collected: 09/22/15 8:30

Sample Collected By: Rae Bell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Carbonate as CO ₃	ND	mg/L	SM 2320B	9/24/2015	JS	1
Bicarbonate as HCO ₃	214	mg/L	SM 2320B	9/24/2015	JS	1
Hydroxide as OH	ND	mg/L	SM 2320B	9/24/2015	JS	1
Alkalinity	176	mg/L	SM 2320B	9/24/2015	JS	1
Total Recoverable Antimony	28.9	µg/L	EPA 204.2	9/30/2015	AP	6
Total Recoverable Arsenic	203	µg/L	EPA 206.2	10/5/2015	AP	2
Total Recoverable Cadmium	ND	µg/L	EPA 200.7	9/24/2015	JS	1
Total Recoverable Copper	ND	µg/L	EPA 200.7	9/24/2015	JS	10
Dissolved Oxygen	10.0	mg/L	EPA 360.2	9/23/2015	JS	0.05
Total Recoverable Iron	ND	µg/L	EPA 200.7	9/26/2015	AP	100
Total Recoverable Lead	ND	µg/L	EPA 239.2	10/8/2015	AP	2
Total Recoverable Manganese	ND	µg/L	EPA 200.7	9/24/2015	JS	10
Total Recoverable Nickel	42	µg/L	EPA 200.7	9/24/2015	JS	10
pH	7.6	pH Units	SM(18)4500-H+ B	9/22/2015	AP	0.1
Specific Conductivity	661	µmhos/cm, 25°C	EPA 120.1	9/22/2015	AP	0.5
Total Suspended Solids	ND	mg/L	SM(18) 2540C	9/28/2015	JS	1
Turbidity	0.75	NTU	EPA 180.1	9/22/2015	AP	0.1

Note: "ND" means "none detected" (ie, none was found in the sample at or above the reporting limit).



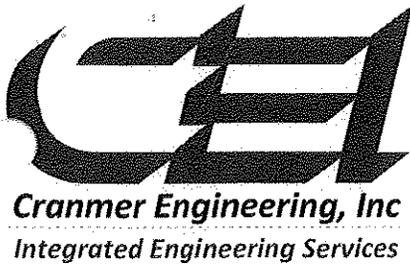
Michelle Harlin

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Chemical Report

Sixteen to One Mine
 P.O. Box 909
 Alleghany CA 95910

Job Number: 6151035
Date Reported: 05/13/15
Date / Time Received: 04/28/15 16:25
System Number:

Sample Number: 6151035 - 1

Sample Site: RSW-001
Date / Time Collected: 04/28/15 14:00

Sample Collected By: RaeBell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Total Recoverable Arsenic	4.1	µg/L	EPA 206.2	5/1/2015	DRF	2
Calcium	9.7	mg/L	EPA 200.7	4/30/2015	AP	0.2
Dissolved Oxygen	8.70	mg/L	EPA 360.2	4/28/2015	AP	0.05
Total Recoverable Hardness as CaCO ₃	41	mg/L	Addition	4/30/2015		1
Magnesium	4.0	mg/L	EPA 200.7	4/30/2015	AP	0.1
pH	7.7	pH Units	SM(18)4500-H+ B	4/28/2015	JS	0.1
Specific Conductivity	95.8	µmhos/cm, 25°C	EPA 120.1	4/28/2015	MH	0.5
Turbidity	0.36	NTU	EPA 180.1	4/29/2015	AP	0.1

Sample Number: 6151035 - 2

Sample Site: RSW-002
Date / Time Collected: 04/28/15 14:18

Sample Collected By: RaeBell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Total Recoverable Arsenic	45.9	µg/L	EPA 206.2	5/1/2015	DRF	2
Calcium	15.3	mg/L	EPA 200.7	4/30/2015	AP	0.2
Dissolved Oxygen	13.0	mg/L	EPA 360.2	4/28/2015	AP	0.05
Total Recoverable Hardness as CaCO ₃	71	mg/L	Addition	4/30/2015		1
Magnesium	8.1	mg/L	EPA 200.7	4/30/2015	AP	0.1
pH	7.6	pH Units	SM(18)4500-H+ B	4/28/2015	JS	0.1

Note: "ND" means "none detected" (ie, none was found in the sample at or above the reporting limit).

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Sample Number: 6151035 - 2

Sample Site: RSW-002

Date / Time Collected: 04/28/15 14:18

Sample Collected By: RaeBell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Specific Conductivity	165	µmhos/cm, 25°C	EPA 120.1	4/28/2015	MH	0.5
Turbidity	0.78	NTU	EPA 180.1	4/29/2015	AP	0.1

Sample Number: 6151035 - 3

Sample Site: Effluent

Date / Time Collected: 04/28/15 14:05

Sample Collected By: RaeBell

Parameter	Analysis Result	Reporting Units	Analytical Method	Date of Analysis	Analyst Initials	Reporting Limit
Total Recoverable Antimony	62.3	µg/L	EPA 204.2	5/5/2015	AP	6
Total Recoverable Arsenic	548	µg/L	EPA 206.2	5/11/2015	JS	2
Total Recoverable Cadmium	27.0	µg/L	EPA 200.7	5/5/2015	JS	1
Calcium	95.1	mg/L	EPA 200.7	4/30/2015	AP	0.2
Total Recoverable Copper	ND	µg/L	EPA 200.7	4/30/2015	AP	10
Dissolved Oxygen	9.50	mg/L	EPA 360.2	4/28/2015	AP	0.05
Total Recoverable Hardness as CaCO3	521	mg/L	Addition	4/30/2015		1
Total Recoverable Iron	486	µg/L	EPA 200.7	4/30/2015	AP	100
Total Recoverable Lead	ND	µg/L	EPA 239.2	4/30/2015	JS	2
Magnesium	68.8	mg/L	EPA 200.7	4/30/2015	AP	0.1
Total Recoverable Manganese	21	µg/L	EPA 200.7	4/30/2015	AP	10
Total Recoverable Nickel	149	µg/L	EPA 200.7	4/30/2015	AP	10
pH	7.9	pH Units	SM(18)4500-H+ B	4/28/2015	JS	0.1
Specific Conductivity	1,050	µmhos/cm, 25°C	EPA 120.1	4/28/2015	MH	0.5
Total Suspended Solids	3	mg/L	SM(18) 2540C	5/4/2015	JS	1
Turbidity	4.8	NTU	EPA 180.1	4/29/2015	AP	0.1

Note: "ND" means "none detected" (ie, none was found in the sample at or above the reporting limit).


Michelle Harlin

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