



Incorporated
1911

ORIGINAL SIXTEEN to ONE MINE, Inc.

"100 Years of Gold"

Post Office Box 909 • Alleghany, California 95910
(530) 287-3223 • www.origsix.com

March 1, 2016

Wendy Wyels
Compliance and Enforcement Division

RE: WDR Order R5-2015-002 Self Monitoring Report Review and Notice of Violation dated 2/16/16.

Please see attached copy of the report that was submitted to CRWQB on 1/30/16. Please note the "observations" on the bottom of the page "Pumps off, difficult to get effluent sample without stirring up the bottom". This explains why the suspended solids were high.

What is the procedure to mitigate this test result?

Sincerely,

Michael M. Miller
President

Constituents	Results	MDLS	RLS	AMEL	MDEL	Units	Sample Type	Sampling Frequency
R5-2015-0035								
E-4 Effluent (21 Tunnel)								
Flow	0.08					MGD	Estimate	quarterly
DO	7.58	0.05 mg/L	0.1			mg/l	Grab	quarterly
EC @ 25 celcius	1440	0.5 umhos/cm	0.5	1426	2867	umhos/cm	Grab	quarterly
Hardness (as CaCO3)	383		1			mg/L	Grab	quarterly
PH	7.8	0.1 PH Units	1			Ph Units	Grab	quarterly
Total Suspended solids	41.1	1 mg/L	1			mg/L	Grab	quarterly
Antimony Total	41.1	6 ug/L	6	35	50	ug/L	Grab	quarterly
Arsenic Total	883	2 ug/L	2	700	1000	ug/L	Grab	quarterly
Cadmium Total	30.2	1 ug/L	1	30	50	ug/L	Grab	quarterly
Copper Total	ND	10 ug/L	10	10	15	ug/L	Grab	quarterly
Iron Total	3050	100 ug/L	100	2100	2500	ug/L	Grab	quarterly
Lead Total	3.6	2 ug/l	2	5	15	ug/L	Grab	quarterly
Manganese Total	95	10 ug/L	10	150	200	ug/L	Grab	quarterly
Nickel, Total	126	10 ug/L	10	150	200	ug/L	Grab	quarterly
Priority Pollutants						mg/l	Grab	2017 biannual
Chronic Toxicity							Grab	Once per permit cycle
RSW-001 (100 feet upstream)								
Flow	11,069					MGD	Estimate	quarterly
PH	6.9	0.1 PH Units	1			PH Units	Grab	quarterly
temperature F.	32						Grab	quarterly
DO	4.5	0.05 mg/L	0.1			mg/l	Grab	quarterly
EC @ 25 celcius	117	0.5 umhos/cm	0.5			umhos/cm	Grab	quarterly
Hardness (as CaCO3)	39		1			mg/l	Grab	quarterly
Turbidity	0.35	1 mg/L	0.1			NTU	Grab	quarterly
Arsenic Total	3.4	2 ug/L	2	700	1000	ug/l	Grab	quarterly
priority pollutants						mg/l	Grab	2017 biannual
RSW-002 (300 feet downstream)								
Flow	22,154					MGD	Estimate	quarterly
PH	6.9	0.1 PH Units	1			PH Units	Grab	quarterly
temperature F.	32						Grab	quarterly
DO	9.7	0.05 mg/L	0.1			mg/l	Grab	quarterly
EC @ 25 celcius	128	0.5 umhos/cm	0.5			umhos/cm	Grab	quarterly
Hardness (as CaCO3)	42		1			mg/l	Grab	quarterly
Turbidity	0.65	1 mg/L	0.1			NTU	Grab	quarterly
Arsenic Total	11.5	2 ug/L	2	700	1000	ug/l	Grab	quarterly
priority pollutants						mg/l	Grab	2017 biannual
OBSERVATIONS								
Pumps off, difficult to get effluent sample without stirring up the bottom								