

Holmes, Kari@Waterboards

From: raebell44@gmail.com on behalf of Original Sixteen to One Mine, Inc. <original1621@gmail.com>
Sent: Saturday, January 30, 2016 3:48 PM
To: WB-RB5S-CentralValleySacramento
Subject: Regulatory Program NPDES
Attachments: 2015 12 17 test results.pdf

Unit Compliance
Discharger: Original Sixteen to One Mine
Facility Name Sixteen to One Mine
County Sierra
CIWQS Place ID 257308

Quarterly test results attached. We have started the process of signing up for the CIWQS interface.

*Rae Bell Arbogast
Administrative Assistant
530-287-3223*

RS-2015-0035	Results	MDLS	RLS	AMEL	MDEL	Units	Sample Type	Sampling Frequency
Constituents								
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 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								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								