

Holmes, Kari@Waterboards

From: raebell44@gmail.com on behalf of Original Sixteen to One Mine, Inc. <original1621@gmail.com>
Sent: Friday, October 23, 2015 12:18 PM
To: WB-RB5S-CentralValleySacramento
Cc: Michael Miller
Subject: Regulatory Program NPDES Unit Compliance Discharger Original Sixteen to One Mine Facility Name Sixteen to One Mine County Sierra CIWQS Place ID 257308
Attachments: 16to1data.pdf

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

Please find attached the water tests for last quarter which are due by Nov. 1st.

Rae Bell Arbogast
Corp. Secretary
530-287-3223

R5-2015-0035

Constituents	Units	Sample Type	Sampling Frequency	Results
E-4 Effluent (21 Tunnel)				
Flow	MGD	Estimate	quarterly	0.08
DO	mg/l	Grab	quarterly	10
EC @ 25 celcius	umhos/cm	Grab	quarterly	661
Hardness (as CaCO3)	mg/l, g/day	Grab	quarterly	ND
PH		Grab	quarterly	7.6
Total Suspended solids	mg/L	Grab	quarterly	ND
Antimony Total	ug/L	Grab	quarterly	28.9
Arsenic Total	ug/L	Grab	quarterly	203
Cadmium Total	ug/L	Grab	quarterly	ND
Copper Total	ug/L	Grab	quarterly	ND
Iron Total	ug/L	Grab	quarterly	ND
Lead Total	ug/L	Grab	quarterly	ND
Manganese Total	ug/L	Grab	quarterly	ND
Nickel, Total	ug/L	Grab	quarterly	42
Priority Pollutants	mg/l	Grab	2017 biannual	
Chronic Toxicity			Once per permit cycle	

RSW-001 (100 feet upstream)

Flow	MGD	Estimate	quarterly	3.39
PH		Grab	quarterly	7.2
temperature F.		Grab	quarterly	50
DO	mg/l	Grab	quarterly	9
EC @ 25 celcius	umhos/cm	Grab	quarterly	184
Hardness (as CaCO3)	mg/l	Grab	quarterly	ND
Turbidity	NTU	Grab	quarterly	0.2
Arsenic Total	ug/l	Grab	quarterly	8
priority pollutants	mg/l	Grab	2017 biannual	

RSW-002 (300 feet downstream)

Flow	MGD	Estimate	quarterly	3.5
PH		Grab	quarterly	7.1
temperature F.		Grab	quarterly	50
DO	mg/l	Grab	quarterly	7.7
EC @ 25 celcius	umhos/cm	Grab	quarterly	206
Hardness (as CaCO3)	mg/l	Grab	quarterly	ND
Turbidity	NTU	Grab	quarterly	0.3
Arsenic Total	ug/l	Grab	quarterly	19.3
priority pollutants	mg/l	Grab	2017 biannual	

OBSERVATIONS

Pump OFF, iron shavings removed from 21 tunnel