

Holmes, Kari@Waterboards

From: raebell44@gmail.com on behalf of Original Sixteen to One Mine, Inc. <original1621@gmail.com>
Sent: Friday, June 26, 2015 12:52 PM
To: WB-RB5S-CentralValleySacramento
Subject: R5-2015-0035
Attachments: R5-2015-0035.pdf

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

*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	0.3607
DO	mg/l	Grab	quarterly	9.5
EC @ 25 celcius	umhos/cm	Grab	quarterly	1050
Hardness (as CaCO3)	mg/l, g/day	Grab	quarterly	521
PH		Grab	quarterly	7.9
Total Suspended solids	mg/L	Grab	quarterly	3
Antimony Total	ug/L	Grab	quarterly	62.3
Arsenic Total	ug/L	Grab	quarterly	548
Cadmium Total	ug/L	Grab	quarterly	27
Copper Total	ug/L	Grab	quarterly	ND
Iron Total	ug/L	Grab	quarterly	486
Lead Total	ug/L	Grab	quarterly	ND
Manganese Total	ug/L	Grab	quarterly	21
Nickel, Total	ug/L	Grab	quarterly	149
Turbidity			NOT DUE	4.8
Calcium			NOT DUE	95.1
Magnesium			NOT DUE	68.8
Priority Pollutants	mg/l	Grab	2017 biannual	
Chronic Toxicity			Once per permit cycle	
RSW-001 (100 feet upstream)				
Flow	MGD	Estimate	quarterly	2.413
PH		Grab	quarterly	7.7
temperature F.		Grab	quarterly	50
DO	mg/l	Grab	quarterly	8.7
EC @ 25 celcius	umhos/cm	Grab	quarterly	95.8
Hardness (as CaCO3)	mg/l	Grab	quarterly	41
Turbidity	NTU	Grab	quarterly	0.36
Arsenic Total	ug/l	Grab	quarterly	4.1
Calcium	mg/l		NOT DUE	9.7
Magnesium	mg/l		NOT DUE	4
priority pollutants	mg/l	Grab	2017 biannual	
RSW-002 (300 feet downstream)				
Flow	MGD	Estimate	quarterly	2.7737
PH		Grab	quarterly	7.6
temperature F.		Grab	quarterly	50
DO	mg/l	Grab	quarterly	13
EC @ 25 celcius	umhos/cm	Grab	quarterly	165
Hardness (as CaCO3)	mg/l	Grab	quarterly	71
Turbidity	NTU	Grab	quarterly	0.78
Arsenic Total	ug/l	Grab	quarterly	45.9
Magnesium	mg/l		NOT DUE	8.1
Calcium	mg/l		NOT DUE	15.3
priority pollutants	mg/l	Grab	2017 biannual	
NOTES or Observations	PUMP ON			