

## Appendix G

### Effluent Characterization Study and Report Novato Sanitary District R2-2015-0034 VI.2.

#### Review of Effluent Concentrations (NPDES Permit Provision VI.C.2.a):

Priority Pollutants VOCs, BNAs and chlorinated pesticides without effluent limits: and dioxin-TEQ were not analyzed in 2018 in the Novato effluent (EFF-001). The semiannual requirement was modified to once per permit term by Order No. R2-2016-0008 (Alternate Monitoring And Reporting Requirements For Municipal Wastewater Discharges For The Purpose Of Adding Support To The San Francisco Bay Regional Monitoring Program (RMP)). Effluent limits are currently in place for Copper and Mercury. The remaining three Priority Pollutant Metals were analyzed as required semi-annually and were detected in the effluent but none were above the Water Quality Objective. Other metals were analyzed monthly.

2018 Priority Pollutants Summary*									
NPDES Permit Provision VI.C.2.b.i & ii									
CTR#	Priority Pollutant	Governing Water Quality Objective (WQO) (µg/L)	Number of Samples in 2018	Effluent Concentration (µg/L)			Minimum Detection Limit (µg/L)	Reporting Limit (µg/L)	Reasonable Potential Analysis
				February 2018	October 2018	2018 Max			
1	Antimony	4300	2	J 0.25	J0.42	J0.42	0.050	0.50	NO
2	Arsenic	36	12			0.89	0.060	0.50	NO
3	Beryllium	No Criteria	2	<0.05	<0.09	<0.09	0.090	0.10	No Criteria
4	Cadmium	3.37	12			<0.050	0.050	0.10	NO
5b	Chromium (Total)	11	12			0.57	0.050	0.50	NO
7	Lead	8.5	12			0.38	0.030	0.25	NO
9	Nickel	13	12			5.3	0.060	0.50	NO
10	Selenium (303(d) listed)	5.0	12			J0.75	0.40	1.0	NO
11	Silver	2.2	12			J0.03	0.020	0.10	NO
12	Thallium	6.3	2	< 0.050	< 0.050	< 0.050	0.050	0.10	NO
13	Zinc	86	12			39	0.70	10	NO

\* No longer required twice per year for VOCs, BNAs and chlorinated pesticides without effluent limits: and dioxin-TEQ. Now required only once per permit term.

See Order No. R2-2016-0008 Alternate Monitoring And Reporting Requirements For Municipal Wastewater Discharges For The Purpose Of Adding Support To The San Francisco Bay Regional Monitoring Program (RMP)