

April 2019  
Humboldt Mill WTP Effluent Results - Outfall 002A

0															
R - INF															
	Daily	Weekly					2x Month		Weekly		Daily	Weekly			2x M
PARAMETER	Flow	Total Suspended Solids	Total Suspended Solids	Total Dissolved Solids	Total Dissolved Solids	Total Dissolved Solids	Biochemical Oxygen Demand (BOD %)	Ammonia Nitrogen (as N)	Total Phosphorus (as P)	Total Phosphorus (as P)	Total Residual Chlorine	Amendable Cyanide	Amendable Cyanide	Amendable Cyanide	Total Antimony
CODE	50050	00530	00530	70295	70295	70295	00310	00610	00665	00665	50060	01257	01257	01257	01097
Monitoring Point	002A	002A	002A	002A		002A	002A	002A	002A	002A	002A	002A	002A		002A
STAGE	1	1	R	1	1	R	1	1	1	1	1	1	1	R	1
UNIT	MGD	mg/L	mg/L	mg/L	lbs/day	mg/L	mg/L	mg/L	mg/L	lbs/day	ug/L	ug/L	lbs/day	ug/L	ug/L
1	0.80										2				
2	1.00										6				
3	0.98	<5.0		669	5468	3480		0.82	<0.050	<0.409	6				<1.0
4	0.95										4				
5	0.97										5				
6	0.95										4				
7	0.99										5				
8	0.84	<5.0		628	4400			0.74	<0.050	<0.350	5	<5.0	<0.035		<1.0
9	0.89										3				
10	0.91	<5.0		655	4971	3490		0.77	<0.050	<0.379	3	<5.0	<0.038		<1.0
11	0.93	<5.0		697	5406			0.79	<0.050	<0.388	2	<5.0	<0.039		<1.0
12	0.79	<5.0		698	4599			0.81	<0.050	<0.329	4	<5.0	<0.033		<1.0
13	0.81										6				
14	0.92										9				
15	0.86										6				<1.0
16	0.93										6				
17	0.91	<5.0	496	641	4865	3330	17.0	0.78	<0.050	<0.379	8	<5.0	<0.038	<5.0	<1.0
18	0.91	<5.0		745	5654			0.75	<0.050	<0.379	6	<5.0	<0.038		<1.0
19	0.93										8				
20	0.83										4				
21	0.89										11				
22	0.93										1				
23	0.44										0				
24	0.90	<5.0	298	651	4886	3480		0.81	<0.050	<0.375	0				<1.0
25	0.78	<5.0		735	4781			0.83	<0.050	<0.325	3				<1.0
26	0.83										2				
27	0.93										4				
28	0.91										4				
29	0.89	<5.0		714	5300			0.81	<0.050	<0.371	2				<1.0
30	0.79										4				

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onth		Weekly				2x Month				Weekly		2x Month			Weekly		
PARAMETER	Total Antimony	Total Arsenic	Total Arsenic	Total Arsenic	Total Barium	Total Barium	Total Boron	Total Boron	Total Cadmium	Total Cadmium	Total Cadmium	Total Chromium	Total Chromium	Total Cobalt	Total Cobalt	Total Cobalt	Total Copper
CODE	01097	01002	01002	01002	01007	01007	01022	01022	01027	01027	01027	01034	01034	01037	01037	01037	01042
Monitoring Point		002A	002A		002A		002A		002A	002A		002A		002A	002A		002A
STAGE	R	1	1	R	1	R	1	R	1	1	R	1	R	1	1	R	1
UNIT	ug/L	ug/L	lbs/day	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	lbs/day	ug/L	ug/L	ug/L	ug/L	lbs/day	ug/L	ug/L
1																	
2																	
3		<1.0	<0.008		1.3		928		<0.20	<0.002		<1.0		<15.0	<0.123		1.8
4																	
5																	
6																	
7																	
8		<1.0	<0.007		1.5		905		<0.20	<0.001		<1.0		<15.0	<0.105		2.0
9																	
10		<1.0	<0.008		1.2		864		<0.20	<0.002		<1.0		<15.0	<0.114		<1.0
11		<1.0	<0.008		1.5		862		<0.20	<0.002		<1.0		<15.0	<0.116		1.4
12		<1.0	<0.007		1.5		843		<0.20	<0.001		<1.0		<15.0	<0.099		1.4
13																	
14																	
15		<1.0	<0.007		1.8		947		<0.20	<0.001		<1.0		<15.0	<0.108		1.8
16																	
17	<1.0	<1.0	<0.008	2.4	1.8	30.4	914	1390	<0.20	<0.002	0.50	<1.0	232	<15.0	<0.114	45.8	<1.0
18		<1.0	<0.008		2.0		914		<0.20	<0.002		<1.0		<15.0	<0.114		<1.0
19																	
20																	
21																	
22																	
23																	
24	1.3	<1.0	<0.008	2.2	1.8	25.3	990	1450	<0.20	<0.002	0.36	<1.0	107	<15.0	<0.113	27.4	<1.0
25		<1.0	<0.007		2.4		915		<0.20	<0.001		<1.0		<15.0	<0.098		<1.0
26																	
27																	
28																	
29		<1.0	<0.007		1.8		867		<0.20	<0.001		<1.0		<15.0	<0.111		1.2
30																	

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		2x Month		Weekly			2x Month									
PARAMETER	Total Copper	Total Copper	Fluoride	Fluoride	Total Lead	Total Lead	Total Lead	Total Lithium	Total Lithium	Total Manganese	Total Manganese	Total Manganese	Total Mercury	Total Mercury	Total Mercury	Total Mercury
CODE	01042	01042	00951	00951	01051	01051	01051	01132	01132	01055	01055	01055	71900	71900	71900	71900
Monitoring Point	002A	002A	002A		002A	002A		002A		002A	002A		002A	002A	002A	002A
STAGE	1	R	1	R	1	1	R	1	R	1	1	R	1	1	R	R
UNIT	lbs/day	ug/L	ug/L	ug/L	ug/L	lbs/day	ug/L	ug/L	ug/L	ug/L	lbs/day	ug/L	ng/L	lbs/day	ng/L	lbs/day
1																
2																
3	0.015		<100		<1.0	<0.008		<10.0		40.3	0.329					
4																
5																
6																
7																
8	0.014		<100		<1.0	<0.007		<10.0		40.6	0.284					
9																
10	<0.008		<100		<1.0	<0.008		<10.0		30.2	0.229					
11	0.011		<100		<1.0	<0.008		<10.0		28.8	0.223					
12	0.009		<100		<1.0	<0.007		<10.0		33	0.217					
13																
14																
15	0.013		<100		<1.0	<0.007		<10.0		27.1	0.194					
16																
17	<0.008	307	<100	160	<1.0	<0.008	12	<10.0	13.3	29.5	0.224	544	<0.50	<0.0000038	7.12	0.000054
18	<0.008		<100		<1.0	<0.008		<10.0		31.1	0.236					
19																
20																
21																
22																
23																
24	<0.008	217	<100	180	<1.0	<0.008	8.6	<10.0	<10.0	24.9	0.187	289			10.3	0.000773
25	<0.007		<100		<1.0	<0.007		<10.0		30.3	0.197					
26																
27																
28																
29	0.009		<100		<1.0	<0.007		<10.0		45.2	0.336					
30																

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0														
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Weekly									2x Month		Weekly			
PARAMETER	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (field duplicate)	Mercury (field duplicate)	Mercury (field blank)	Mercury (field blank)	Mercury (laboratory method blank)	Mercury (laboratory method blank)	Total Molybdenum	Total Molybdenum	Total Nickel	Total Nickel	Total Nickel	Total Selenium
CODE	7190a	7190a	7190b	7190b	7190c	7190c	7190d	7190d	01062	01062	01067	01067	01067	01147
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A		002A	002A	002A	002A
STAGE	1D	RD	1D	RD	1D	RD	1D	RD	1	R	1	1	R	1
UNIT	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ug/L	ug/L	ug/L	lbs/day	ug/L	ug/L
1														
2														
3									<5.0		8.7	0.071		<1.0
4														
5														
6														
7														
8									<5.0		8.4	0.059		<1.0
9														
10									<5.0		6.0	0.046		<1.0
11									<5.0		5.2	0.040		<1.0
12									<5.0		5.5	0.036		<1.0
13														
14														
15									<5.0		4.9	0.035		<1.0
16														
17	<0.50	7.12	<0.50	7.12	<0.50	7.12	<0.50	7.12	<5.0	6.4	6.2	0.047	1750	<1.0
18									<5.0		6.4	0.049		<1.0
19														
20														
21														
22														
23														
24		10.3		10.3		10.3		10.3	<5.0	6.8	6.4	0.048	966	<1.0
25									<5.0		6.9	0.045		<1.0
26														
27														
28														
29									<5.0		10.3	0.076		<1.0
30														

0							
R - INF							
		2x Month			Weekly		
PARAMETER	Total Selenium	Total Selenium	Total Strontium	Total Strontium	Total Zinc	Total Zinc	Total Zinc
CODE	01147	01147	01082	01082	01092	01092	01092
Monitoring Point	002A	002A	002A		002A	002A	
STAGE	1	R	1	R	1	1	R
UNIT	lbs/day	ug/L	ug/L	ug/L	ug/L	lbs/day	ug/L
1							
2							
3	<0.008		60.6		<10.0	<0.082	
4							
5							
6							
7							
8	<0.007		58		<10.0	<0.070	
9							
10	<0.008		56.3		<10.0	<0.076	
11	<0.008		61.3		<10.0	<0.078	
12	<0.007		59.9		<10.0	<0.066	
13							
14							
15	<0.007		61.9		<10.0	<0.072	
16							
17	<0.008	4.5	63.2	402	<10.0	<0.076	28.2
18	<0.008		63.1		<10.0	<0.076	
19							
20							
21							
22							
23							
24	<0.008	3.7	65.9	394	<10.0	<0.075	18.5
25	<0.007		64.7		<10.0	<0.065	
26							
27							
28							
29	<0.007		62.5		<10.0	<0.074	
30							