

December 2016
Humboldt Mill WTP Effluent Results - Outfall 001A

PARAMETER	Flow	Total Suspended Solids	Total Suspended 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	Available Cyanide	Available Cyanide	Total Antimony	Total Arsenic	Total Arsenic
CODE	50050	00530	00530	70295	70295	00310	00610	00665	00665	50060	01257	01257	01097	01002	01002
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE	1	1	R	1	R	1	1	1	1	1	1	1	1	1	1
UNIT	MGD	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	lbs/day	µg/L	µg/L	lbs/day	ug/L	µg/L	lbs/day
1	0.002									3					
2	0.008									6					
3	0.003									7					
4	0.002									0					
5	0.078									11					
6	0.002									9					
7	0.001	<3.3	<3.3	430	420	<2.0	0.23	<0.0100	<0.0001	3	<2.0	<0.00002	3.4	<1.0	<0.00001
8	0.001									6					
9	0.001									1					
10	0.010									2					
11	0.013									5					
12	0.075									0					
13	0.000									7					
14	0.001	<3.3	<3.3	450	440	2.6	0.4	0.019	0.0002	6	2.1	0.00002	3.3	<1.0	<0.00001
15	0.002									6					
16	0.002									11					
17	0.002									6					
18	0.002									6					
19	0.001									6					
20	0.002									8					
21	0.010	<3.3	<3.3	450	450			<0.0100	<0.0008	4	2.7	0.0002		<1.0	<0.0001
22	0.001									5					
23	0.001									1					
24	0.001									7					
25	0.001									1					
26	0.001									1					
27	0.001									11					
28	0.0004	<3.3	<3.3	360	450			<0.0100	<0.00003	6	2.1	0.000007		<1.0	0.000003
29	0.001									6					
30	0.002									10					
31	0.001									5					
Min	0.000390	0.00	0.00	360.00	420.00	2.60	0.23	0.019	0.000200	0.00	2.10	0.00001	3.30	0.00	0.00
Max	0.07844	0.00	0.00	450.00	450.00	2.60	0.40	0.019	0.000200	11.00	2.70	0.00020	3.40	0.00	0.00
Average	0.00739	0.00	0.00	422.50	440.00	1.30	0.32	0.0048	0.0001	5.35	1.73	0.0001	3.35	0.00	0.0000

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PARAMETER	Total Barium	Total Boron	Total Cadmium	Total Cadmium	Total Chromium	Total Cobalt	Total Cobalt	Total Copper	Total Copper	Total Copper	Fluoride	Total Lead	Total Lead	Total Lithium	Total Manganese
CODE	01007	01022	01027	01027	01034	01037	01037	01042	01042	01042	00951	01051	01051	01132	01055
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE	1	1	1	1	1	1	1	1	1	R	1	1	1	1	1
UNIT	ug/L	ug/L	µg/L	lbs/day	ug/L	ug/L	lbs/day	µg/L	lbs/day	ug/L	ug/L	ug/L	lbs/day	ug/L	ug/L
1															
2															
3															
4															
5															
6															
7	10	91	<0.20	<0.00001	<1.0	2.3	0.00002	<1.0	<0.00001	3.6	120	<1.0	<0.00001	<8.0	750
8															
9															
10															
11															
12															
13															
14	10	84	<0.20	<0.00001	<1.0	2.2	0.00002	2.1	0.00002	4.5	130	<1.0	<0.00001	<8.0	820
15															
16															
17															
18															
19															
20															
21			<0.20	<0.00002		2.2	0.0002	<1.0	<0.0001	3.4		<1.0	0.0001		780
22															
23															
24															
25															
26															
27															
28			<0.20	<0.000001		1.9	0.000006	<1.0	<0.000003	3.1		<1.0	<0.000003		690
29															
30															
31															
Min	10.00	84.00	0.00	0.00	0.00	1.90	0.00001	2.10	0.00002	3.10	120.00	0.00	0.00	0.00	690.00
Max	10.00	91.00	0.00	0.00	0.00	2.30	0.0002	2.10	0.00002	4.50	130.00	0.00	0.00	0.00	820.00
Average	10.00	87.50	0.00	0.0000	0.00	2.15	0.00006	0.53	0.00001	3.65	125.00	0.00	0.0000	0.00	760.00

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PARAMETER	Total Manganese	Total Mercury	Total Mercury	Total Mercury	Total Mercury	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (field duplicate)	Mercury (field duplicate)	Mercury (field blank)	Mercury (field blank)	Mercury (laboratory method blank)
CODE	01055	71900	71900	71900	71900	7190a	7190a	7190a	7190a	7190b	7190b	7190c	7190c	7190d
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE	1	1	1	R	R	1	1	R	R	1D	RD	1D	RD	1D
UNIT	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	ng/L	ng/L	ng/L	ng/L
1														
2														
3														
4														
5														
6														
7	0.006	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.500	<0.500	<0.500	<0.500
8														
9														
10														
11														
12														
13														
14	0.007	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.500	<0.500	<0.500	<0.500
15														
16														
17														
18														
19														
20														
21	0.065	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.000000004	<0.500	<0.500	<0.500	<0.500	<0.500
22														
23														
24														
25														
26														
27														
28	0.002	<0.500	<0.000000002	<0.500	<0.000000002	<0.500	<0.000000002	<0.500	<0.000000002	<0.500	<0.500	<0.500	<0.500	<0.500
29														
30														
31														
Min	0.00200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.06500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.0200	0.00	0.0000000000	0.00	0.0000000000	0.00	0.0000000000	0.00	0.0000000000	0.00	0.00	0.00	0.00	0.00

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PARAMETER	Mercury (laboratory method blank)	Total Molybdenum	Total Nickel	Total Nickel	Total Nickel	Total Selenium	Total Selenium	Total Selenium	Total Strontium	Total Zinc	Total Zinc	Acute Toxicity (ceriodaphnia dubia)	Acute Toxicity (fathead minnow)	Chronic Toxicity (fathead minnow)
CODE	7190d	01062	01067	01067	01067	01147	01147	01147	01082	01092	01092	61425	TS16C	TTK6C
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE	RD	1	1	1	R	1	1	R	1	1	1	1	1	1
UNIT	ng/L	ug/L	ug/L	lbs/day	ug/L	ug/L	lbs/day	ug/L	ug/L	ug/L	lbs/day	TUA	TUA	TUC
1														
2														
3														
4														
5														
6														
7	<0.500	<25	26	0.0002	85	<1.0	<0.00001	<1.0	210	<10	<0.0001			
8														
9														
10														
11														
12														
13														
14	<0.500	<25	32	0.0003	86	<1.0	<0.00001	<1.0	190	<10	<0.0001			
15												0	0	0
16														
17														
18														
19														
20														
21	<0.500		27	0.0023	79	<1.0	<0.0001	<1.0		<10	<0.0008			
22														
23														
24														
25														
26														
27														
28	<0.500		26	0.0001	87	1.1	0.000004	<1.0		<10	<0.00003			
29														
30														
31														
Min	0.00	0.00	26.00	0.000100	79.00	1.10	0.000004	0.00	190.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	32.00	0.002300	87.00	1.10	0.000004	0.00	210.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	27.75	0.000725000	84.25	0.28	0.000001000000	0.00	200.00	0.00	#####	0.00	0.00	0.00

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PARAMETER	Chronic Toxicity (ceriodaphnia dubia)	Sulfate	Sulfate	Temperature (F)	Total Hardness	Outfall Observations	pH Minimum	pH Maximum	Dissolved Oxygen					
CODE	03599	00945	00945	00011	00900	84130	00400	00400	00300					
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A					
STAGE	1	1	R	1	1	1	1	1	1					
UNIT	TUC	mg/L	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L					
1				42.2		yes	7.3	7.6	11.25	0	0	1,590	0.003	3
2				42.2		yes	7.3	7.5	11.33	0	0	8,260	0.006	6
3				41.7		yes	7.2	7.6	11.72	0	0	2,510	0.007	7
4				40.9		yes	7.6	7.2	11.63	0	0	2,080	0.000	0
5				41.5		yes	7.6	7.2	11.43	0	0	78,440	0.011	11
6				41		yes	7.3	7.5	11.44	0	0	1,630	0.009	9
7		190	190	40.6	236	yes	7.2	7.5	11.02	0	0	1,190	0.003	3
8				39.6		yes	7.2	7.5	11.2	0	0	1,020	0.006	6
9				39.1		yes	7.2	7.6	10.8	0	0	870	0.001	1
10				37.8		yes	7.1	7.6	11.19	0	0	10,260	0.002	2
11				38.1		yes	7.0	7.5	12.06	0	0	12,500	0.005	5
12				40.4		yes	7.0	7.5	11.89	0	0	75,420	0.000	0
13				37.9		yes	7.1	7.5	11.2	0	0	390	0.007	7
14		210	200	39.3	230	yes	7.3	7.5	11.63	0	0	1,290	0.006	6
15	0			38.4		yes	7.2	7.6	11	0	0	1,850	0.006	6
16				37.5		yes	7.3	7.6	11.94	0	0	2,490	0.011	11
17				38.8		yes	7.2	7.6	11.92	0	0	2,340	0.006	6
18				38.8		yes	7.3	7.6	11.57	0	0	2,270	0.006	6
19				36.3		yes	7.3	7.6	10.48	0	0	800	0.006	6
20				36.6		yes	7.2	7.6	11.84	0	0	1,690	0.008	8
21		200	210	36.7		yes	7.2	7.5	11.17	0	0	9,960	0.004	4
22				36.1		yes	7.4	7.6	11.84	0	0	990	0.005	5
23				37.7		yes	7.3	7.7	11.84	0	0	1,120	0.001	1
24				36.7		yes	7.4	7.7	11.38	0	0	1,320	0.007	7
25				36.7		yes	7.2	7.6	11.54	0	0.000	1,000	0.001	1
26				37.5		yes	7.2	7.5	11.32	0	0.000	880	0.001	1
27				37.8		yes	7.2	7.4	10.74	0	0.000	880	0.011	11
28		160	200	37.4		yes	7.2	7.3	11.52	0	0.000	420	0.006	6
29				37.8		yes	7.2	7.3	11.26	0	0.000	810	0.006	6
30				37.3		yes	7.1	7.3	11.17	0	0.000	1,650	0.010	10
31				36.7		yes	7.1	7.4	11.08	0	0.000	1,280	0.005	5
Min	0.00	160.00	190.00	36.10	230.00	0.00	6.98	7.21	10.48					
Max	0.00	210.00	210.00	42.20	236.00	0.00	7.55	7.73	12.06					
Average	0.00	190.00	200.00	38.62	233.00	0.00	7.25	7.50	11.40					

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PARAMETER	Flow	Total Suspended Solids	Total Suspended 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	Available Cyanide	Available Cyanide	Total Antimony	Total Arsenic
CODE	50050	00530	00530	70295	70295	00310	00610	00665	00665	50060	01257	01257	01097	01002
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	R	1	R	1	1	1	1	1	1	1	1	1
UNIT	MGD	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	lbs/day	µg/L	µg/L	lbs/day	ug/L	µg/L
1	0.79									3				
2	0.79									6				
3	0.79									7				
4	0.79									0				
5	0.72									11				
6	0.78									9				
7	0.79	<3.3	<3.3	430	420	<2.0	0.23	<0.0100	<0.066	3	<2.0	<0.013	3.4	<1.0
8	0.81									6				
9	0.80									1				
10	0.79									2				
11	0.81									5				
12	0.72									0				
13	0.79									7				
14	0.62	<3.3	<3.3	450	440	2.6	0.4	0.019	0.1	6	2.1	0.011	3.3	<1.0
15	0.58									6				
16	0.79									11				
17	0.81									6				
18	0.79									6				
19	0.81									6				
20	0.79									8				
21	0.80	<3.3	<3.3	450	450			<0.0100	<0.067	4	2.7	0.018		<1.0
22	0.77									5				
23	0.78									1				
24	0.65									7				
25	0.74									1				
26	0.78									1				
27	0.78									11				
28	0.79	<3.3	<3.3	360	450			<0.0100	<0.07	6	2.1	0.014		<1.0
29	0.79									6				
30	0.81									10				
31	0.79									5				
Min	0.584090	0.00	0.00	360.00	420.00	2.60	0.23	0.019	0.100000	6.00	2.10	0.01	3.30	0.00
Max	0.81430	0.00	0.00	450.00	450.00	2.60	0.40	0.019	0.100000	10.00	2.70	0.02	3.40	0.00
Average	0.76990	0.00	0.00	422.50	440.00	1.30	0.32	0.0048	0.0250	5.00	1.73	0.0108	3.35	0.00

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PARAMETER	Total Arsenic	Total Barium	Total Boron	Total Cadmium	Total Cadmium	Total Chromium	Total Cobalt	Total Cobalt	Total Copper	Total Copper	Total Copper	Fluoride	Total Lead	Total Lead
CODE	01002	01007	01022	01027	01027	01034	01037	01037	01042	01042	01042	00951	01051	01051
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	1	1	1	1	1	1	1	R	1	1	1
UNIT	lbs/day	ug/L	ug/L	µg/L	lbs/day	ug/L	ug/L	lbs/day	ug/L	lbs/day	ug/L	ug/L	ug/L	lbs/day
1														
2														
3														
4														
5														
6														
7	<0.007	10	91	<0.20	<0.001	<1.0	2.3	0.015	<1.0	<0.007	3.6	120	<1.0	<0.007
8														
9														
10														
11														
12														
13														
14	<0.005	10	84	<0.20	<0.001	<1.0	2.2	0.011	2.1	0.011	4.5	130	<1.0	<0.005
15														
16														
17														
18														
19														
20														
21	<0.007			<0.20	<0.001		2.2	0.015	<1.0	<0.007	3.4		<1.0	<0.007
22														
23														
24														
25														
26														
27														
28	<0.007			<0.20	<0.001		1.9	0.013	<1.0	<0.007	3.1		<1.0	<0.007
29														
30														
31														

Min	0.00	10.00	84.00	0.00	0.00	0.00	1.90	0.011	2.10	0.01	3.10	120.00	0.00	0.00
Max	0.00	10.00	91.00	0.00	0.00	0.00	2.30	0.015	2.10	0.01	4.50	130.00	0.00	0.00
Average	0.0000	10.00	87.50	0.00	0.0000	0.00	2.15	0.0135	0.53	0.0028	3.65	125.00	0.00	0.0000

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PARAMETER	Total Lithium	Total Manganese	Total Manganese	Total Mercury	Total Mercury	Total Mercury	Total Mercury	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (uncorrected sample result)	Mercury (field duplicate)	Mercury (field duplicate)	Mercury (field blank)
CODE	01132	01055	01055	71900	71900	71900	71900	7190a	7190a	7190a	7190a	7190b	7190b	7190c
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	1	1	R	R	1D	1D	RD	RD	1D	RD	1D
UNIT	ug/L	ug/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	ng/L	ng/L
1														
2														
3														
4														
5														
6														
7	<8.0	750	4.94	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.500	<0.500
8														
9														
10														
11														
12														
13														
14	<8.0	820	4.24	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.500	<0.500
15														
16														
17														
18														
19														
20														
21		780	5.2	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.500	<0.500
22														
23														
24														
25														
26														
27														
28		690	4.55	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.500	<0.500
29														
30														
31														
Min	0.00	690.00	4.24000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	820.00	5.20000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	760.00	4.7325	0.00	#####	0.00	#####	0.00	#####	0.00	#####	0.00	0.00	0.00

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PARAMETER	Mercury (field blank)	Mercury (laboratory method blank)	Mercury (laboratory method blank)	Total Molybdenu m	Total Nickel	Total Nickel	Total Nickel	Total Selenium	Total Selenium	Total Selenium	Total Strontium	Total Zinc
CODE	7190c	7190d	7190d	01062	01067	01067	01067	01147	01147	01147	01082	01092
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	RD	1D	RD	1	1	1	R	1	1	R	1	1
UNIT	ng/L	ng/L	ng/L	ug/L	ug/L	lbs/day	ug/L	ug/L	lbs/day	ug/L	ug/L	ug/L
1												
2												
3												
4												
5												
6												
7	<0.500	<0.500	<0.500	<25	26	0.017	85	<1.0	<0.007	<1.0	210	<10
8												
9												
10												
11												
12												
13												
14	<0.500	<0.500	<0.500	<25	32	0.017	86	<1.0	<0.005	<1.0	190	<10
15												
16												
17												
18												
19												
20												
21	<0.500	<0.500	<0.500		27	0.018	79	<1.0	<0.007	<1.0		<10
22												
23												
24												
25												
26												
27												
28	<0.500	<0.500	<0.500		26	0.017	87	1.1	0.007	<1.0		<10
29												
30												
31												

Min	0.00	0.00	0.00	0.00	26.00	0.017000	79.00	1.10	0.01	0.00	190.00	0.00
Max	0.00	0.00	0.00	0.00	32.00	0.018000	87.00	1.10	0.01	0.00	210.00	0.00
Average	0.00	0.00	0.00	0.00	27.75	0.017250000	84.25	0.28	0.002	0.00	200.00	0.00

December 2016
Humboldt Mill WTP Effluent Results - Outfall 002A

PARAMETER	Total Zinc	Acute Toxicity (ceriodaphnia dubia)	Acute Toxicity (fathead minnow)	Chronic Toxicity (fathead minnow)	Chronic Toxicity (ceriodaphnia dubia)	Sulfate	Sulfate	Temperature (F)	Total Hardness	Outfall Observations	pH Minimum	pH Maximum	Dissolved Oxygen
CODE	01092	61425	TS16C	TTK6C	03599	00945	00945	00011	00900	84130	00400	00400	00300
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	1	1	1	R	1	1	1	1	1	1
UNIT	lbs/day	TUA	TUA	TUC	TUC	mg/L	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L
1								42.2		yes	7.3	7.6	11.25
2								42.2		yes	7.3	7.5	11.33
3								41.7		yes	7.2	7.6	11.72
4								40.9		yes	7.6	7.2	11.63
5								41.5		yes	7.6	7.2	11.43
6								41		yes	7.3	7.5	11.44
7	<0.07					190	190	40.6	236	yes	7.2	7.5	11.02
8								39.6		yes	7.2	7.5	11.2
9								39.1		yes	7.2	7.6	10.8
10								37.8		yes	7.1	7.6	11.19
11								38.1		yes	7.0	7.5	12.06
12								40.4		yes	7.0	7.5	11.89
13								37.9		yes	7.1	7.5	11.2
14	<0.05					210	200	39.3	230	yes	7.3	7.5	11.63
15		0	0	0	0			38.4		yes	7.2	7.6	11
16								37.5		yes	7.3	7.6	11.94
17								38.8		yes	7.2	7.6	11.92
18								38.8		yes	7.3	7.6	11.57
19								36.3		yes	7.3	7.6	10.48
20								36.6		yes	7.2	7.6	11.84
21	<0.07					200	210	36.7		yes	7.2	7.5	11.17
22								36.1		yes	7.4	7.6	11.84
23								37.7		yes	7.3	7.7	11.84
24								36.7		yes	7.4	7.7	11.38
25								36.7		yes	7.2	7.6	11.54
26								37.5		yes	7.2	7.5	11.32
27								37.8		yes	7.2	7.4	10.74
28	<0.07					160	200	37.4		yes	7.2	7.3	11.52
29								37.8		yes	7.2	7.3	11.26
30								37.3		yes	7.1	7.3	11.17
31								36.7		yes	7.1	7.4	11.08

Min	0.00	0.00	0.00	0.00	0.00	160.00	190.00	36.10	230.00	0.00	6.98	7.21	10.48
Max	0.00	0.00	0.00	0.00	0.00	210.00	210.00	42.20	236.00	0.00	7.55	7.73	12.06
Average	0.000	0.00	0.00	0.00	0.00	190.00	200.00	38.62	233.00	0.00	7.25	7.50	11.40

December 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	Flow	Total Suspended Solids	Total Suspended Solids	Total Dissolved Solids	Total Dissolved Solids	Biochemical Oxygen Demand	Ammonia Nitrogen (as N)	Total Phosphorus (as P)	Total Phosphorus (as P)	Total Residual Chlorine	Available Cyanide	Available Cyanide	Total Antimony	Total Arsenic	Total Arsenic
CODE	50050	00530	00530	70295	70295	00310	00610	00665	00665	50060	01257	01257	01097	01002	01002
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	R	1	R	1	1	1	1	1	1	1	1	1	1
UNIT	MGD	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	lbs/day	µg/L	µg/L	lbs/day	ug/L	µg/L	lbs/day
1	0.00														
2	0.00														
3	0.00														
4	0.00														
5	0.00														
6	0.00														
7	0.00														
8	0.00														
9	0.00														
10	0.00														
11	0.00														
12	0.00														
13	0.00														
14	0.00														
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25	0.00														
26	0.00														
27	0.00														
28	0.00														
29	0.00														
30	0.00														
31	0.00														
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00

December 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	Total Barium	Total Boron	Total Cadmium	Total Cadmium	Total Chromium	Total Cobalt	Total Cobalt	Total Copper	Total Copper	Total Copper	Fluoride	Total Lead	Total Lead	Total Lithium	Total Manganese
CODE	01007	01022	01027	01027	01034	01037	01037	01042	01042	01042	00951	01051	01051	01132	01055
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	1	1	1	1	1	1	R	1	1	1	1	1
UNIT	ug/L	ug/L	µg/L	lbs/day	ug/L	ug/L	lbs/day	ug/L	lbs/day	ug/L	ug/L	ug/L	lbs/day	ug/L	ug/L
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30															
31															
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

December 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	Total Manganese	Total Mercury	Total Mercury	Total Mercury	Total Mercury	Mercury (uncorrected sample)	Mercury (uncorrected sample)	Mercury (uncorrected sample)	Mercury (uncorrected sample)	Mercury (field duplicate)	Mercury (field duplicate)	Mercury (field blank)	Mercury (field blank)	Mercury (laboratory method)	Mercury (laboratory method)
CODE	01055	71900	71900	71900	71900	7190a	7190a	7190a	7190a	7190b	7190b	7190c	7190c	7190d	7190d
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	R	R	1D	1D	RD	RD	1D	RD	1D	RD	1D	RD
UNIT	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
1															
2															
3															
4															
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29															
30															
31															
Min	0.000	0.00	0.00	0.00	0.000000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.000	0.00	0.00	0.00	0.000000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Avg	0.000	0.00	0.00	0.00	0.000000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

December 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	Total Molybdenum	Total Nickel	Total Nickel	Total Nickel	Total Selenium	Total Selenium	Total Selenium	Total Strontium	Total Zinc	Total Zinc	Acute Toxicity (ceriodaph)	Acute Toxicity (fathead)	Chronic Toxicity (fathead)	Chronic Toxicity (ceriodaph)	Sulfate
CODE	01062	01067	01067	01067	01147	01147	01147	01082	01092	01092	61425	TS16C	TTK6C	03599	00945
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	R	1	1	R	1	1	1	1	1	1	1	1
UNIT	ug/L	ug/L	lbs/day	ug/L	ug/L	lbs/day	ug/L	ug/L	ug/L	lbs/day	TUA	TUA	TUC	TUC	mg/L
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
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28															
29															
30															
31															
Min	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Avg	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

December 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	Sulfate	Temperature (F)	Total Hardness	Outfall Observations	pH Minimum	pH Maximum	Dissolved Oxygen						
CODE	00945	00011	00900	84130	00400	00400	00300						
Monitoring Point	002A	002A	002A	002A	002A	002A	002A						
STAGE	R	1	1	1	1	1	1						
UNIT	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L	flow					
1												441490	0.44
2												442350	0.44
3												417520	0.42
4												391300	0.39
5												426060	0.43
6												370250	0.37
7												407120	0.41
8												405510	0.41
9												396360	0.40
10												471830	0.47
11												479790	0.48
12												406270	0.41
13												222190	0.22
14												0	0.00
15												0	0.00
16												0	0.00
17												0	0.00
18												0	0.00
19												0	0.00
20												0	0.00
21												0	0.00
22												0	0.00
23												0	0.00
24												0	0.00
25												0	0.00
26												0	0.00
27												0	0.00
28												0	0.00
29												0	0.00
30												0	0.00
31												0	0.00
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00						