

April 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
CODE	50050	00530	00530	70295	70295	00310	00610	00665	00665	50060	01257	01257	01097	01002
Monitoring Point	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
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	0.00									n/a				
2	0.00									n/a				
3	0.00									n/a				
4	0.00									n/a				
5	0.00									n/a				
6	0.00									n/a				
7	0.00									n/a				
8	0.00									n/a				
9	0.00									n/a				
10	0.00									n/a				
11	0.00									n/a				
12	0.00									n/a				
13	0.00									n/a				
14	0.00									n/a				
15	0.00									n/a				
16	0.00									n/a				
17	0.00									n/a				
18	0.00									n/a				
19	0.00									n/a				
20	0.00									n/a				
21	0.00									n/a				
22	0.00									n/a				
23	0.00									n/a				
24	0.00									n/a				
25	0.00									n/a				
26	0.42									5				
27	0.46	<3.3	<3.3	440	450			<0.0100	<0.0384	0	<2.0	<0.0077		<1.0
28	0.48									3				
29	0.49									3				
30	0.49									0				
Min	0.00	0.00	0.00	440.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.49	0.00	0.00	440.00	450.00	0.00	0.00	0.000	0.00	5.00	0.00	0.00	0.00	0.00
	0.47	#DIV/0!	#DIV/0!	440.00	450.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2.20	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

April 2016
Humboldt Mill WTP Effluent Results - Outfall 001A

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	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
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	µg/L	lbs/day	ug/L	ug/L	ug/L	lbs/day
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27	<0.0038			<0.20	<0.00077		2.7	0.0104	<1.0	<0.0038	2.6		<1.0	<0.0038
28														
29														
30														
Min	0.00	0.00	0.00	0.00	0.00	0.00	2.70	0.01	0.00	0.00	2.60	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00	2.70	0.01	0.00	0.00	2.60	0.00	0.00	0.00
	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2.70	0.01	#DIV/0!	#DIV/0!	2.60	#DIV/0!	#DIV/0!	#DIV/0!

April 2016
Humboldt Mill WTP Effluent Results - Outfall 001A

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	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE	1	1	1	1	1	R	R	1	1	R	R	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														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27		840	3.2226	<0.500	<0.0000019	<0.500	<0.0000019	<0.500	<0.0000019	<0.500	<0.0000019	<0.500	<0.500	<0.500
28														
29														
30														
Min	0.00	840.00	3.22	0.00	0.00000000	0.00	0.00000000	0.00	0.00000000	0.00	0.00000000	0.00	0.00	0.00
Max	0.00	840.00	3.22	0.00	0.00000000	0.00	0.00000000	0.00	0.00000000	0.00	0.00000000	0.00	0.00	0.00
	#DIV/0!	0.00	3.22	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

April 2016
Humboldt Mill WTP Effluent Results - Outfall 001A

PARAMETER	Mercury (field blank)	Mercury (laboratory method blank)	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)
CODE	7190c	7190d	7190d	01062	01067	01067	01067	01147	01147	01147	01082	01092	01092	61425
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE	RD	1D	RD	1	1	1	R	1	1	R	1	1	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	lbs/day	TUA
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27	<0.500	<0.500	<0.500		22	0.0844	71	<1.0	<0.0038	<1.0		<10	<0.0384	
28														
29														
30														
Min	0.00	0.00	0.00	0.00	22.00	0.08	71.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	22.00	0.08	71.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	22.00	0.08	71.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

April 2016
Humboldt Mill WTP Effluent Results - Outfall 001A

PARAMETER	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	TS16C	TTK6C	03599	00945	00945	00011	00900	84130	00400	00400	00300		
Monitoring Point	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A		
STAGE	1	1	1	1	R	1	1	1	1	1	1		
UNIT	TUA	TUC	TUC	mg/L	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L		
1						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
2						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
3						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
4						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
5						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
6						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
7						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
8						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
9						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
10						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
11						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
12						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
13						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
14						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
15						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
16						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
17						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
18						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
19						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
20						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
21						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
22						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
23						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
24						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
25						n/a	n/a	n/a	n/a	n/a	n/a	0.00	
26						39		yes	*E	7.6	11.22	421570	0.42
27					180	180		yes	*E	7.5	11.16	459025	0.46
28						41		yes	*E	7.6	10.77	479225	0.48
29						40		yes	*E	7.5	11.02	493850	0.49
30						41		yes	*E	7.6	11.13	493485	0.49
Min	0.00	0.00	0.00	180.00	180.00	39.40	0.00	0.00	0.00	7.51	10.77		
Max	0.00	0.00	0.00	180.00	180.00	40.70	0.00	0.00	0.00	7.58	11.22		
	#DIV/0!	#DIV/0!	#DIV/0!	180.00	180.00	40.20	#DIV/0!	#DIV/0!	#DIV/0!	7.55	11.06		

April 2016
Humboldt Mill WTP Effluent Results - Outfall 002A

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	0.50									1				
2	0.51									1				
3	0.51									12				
4	0.51									1				
5	0.50									1				
6	0.51	<3.3	<3.3	360	370	5.5	0.35	0.0141	0.06	6	<2.0	<0.0085	3.9	1.0
7	0.53									8				
8	0.53									8				
9	0.56									2				
10	0.56									6				
11	0.57									1				
12	0.56									4				
13	0.50	<3.3	<3.3	420	410	4.9	0.31	<0.0100	<0.0417	5	<2.0	<0.0083	4.0	<1.0
14	0.56									1				
15	0.56									5				
16	0.56									4				
17	0.56									3				
18	0.56									1				
19	0.50									0				
20	0.30	<3.3	<3.3	380	390			<0.0100	<0.025	6	<2.0	<0.005		<1.0
21	0.08									3				
22	0.04									4				
23	0.04									1				
24	0.04									3				
25	0.05									4				
26	0.00									5				
27	0.02	<3.3	<3.3	440	450			<0.0100	<0.0017	0	<2.0	<0.003		<1.0
28	0.02									3				
29	0.03									3				
30	0.03									0				
Min	0.00	0.00	0.00	360.00	370.00	4.90	0.31	0.01	0.06	0.00	0.00	0.00	3.90	1.00
Max	0.57	0.00	0.00	440.00	450.00	5.50	0.35	0.014	0.06	12.00	0.00	0.00	4.00	1.00
Average	0.36	0.00	0.00	400.00	405.00	5.20	0.33	0.0035	0.02	3.40	0.00	0.00	3.95	0.25

April 2016
Humboldt Mill WTP Effluent Results - Outfall 002A

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	0.0043	11	83	<0.20	<0.00085	<1.0	3.0	0.0128	<1.0	<0.0043	2.6	140	<1.0	<0.0043
7														
8														
9														
10														
11														
12														
13	<0.0042	11	96	<0.20	<0.00083	<1.0	2.7	0.0113	<1.0	<0.0042	1.7	130	<1.0	<0.0042
14														
15														
16														
17														
18														
19														
20	<0.0025			<0.20	<0.0005		2.8	0.007	<1.0	<0.0025	2.4		<1.0	<0.0025
21														
22														
23														
24														
25														
26														
27	<0.0002			<0.20	<0.00003		2.7	0.0005	<1.0	<0.0002	2.6		<1.0	<0.0002
28														
29														
30														
Min	0.0043	11.00	83.00	0.00	0.00	0.00	2.70	0.0005	0.00	0.00	1.70	130.00	0.00	0.00
Max	0.0043	11.00	96.00	0.00	0.00	0.00	3.00	0.0128	0.00	0.00	2.60	140.00	0.00	0.00
Average	0.0011	11.00	89.50	0.00	0.00	0.00	2.80	0.0079	0.00	0.00	2.33	135.00	0.00	0.00

April 2016
Humboldt Mill WTP Effluent Results - Outfall 002A

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	<8.0	800	3.4027	<0.500	<0.0000021	0.659	0.000003	<0.500	<0.0000021	<0.500	<0.0000021	<0.500	<0.500	<0.500
7														
8														
9														
10														
11														
12														
13	8.0	800	3.336	<0.500	<0.0000021	<0.500	<0.0000021	<0.500	<0.0000021	<0.500	<0.0000021	<0.500	<0.500	<0.500
14														
15														
16														
17														
18														
19														
20		790	1.9766	<0.500	<0.0000013	<0.500	<0.0000013	<0.500	<0.0000013	<0.500	<0.0000013	<0.500	<0.500	<0.500
21														
22														
23														
24														
25														
26														
27		840	0.1401	<0.500	<0.0000001	<0.500	<0.0000001	<0.500	<0.0000001	<0.500	<0.0000001	<0.500	<0.500	<0.500
28														
29														
30														
Min	8.00	790.00	0.14	0.00	0.00	0.65900	0.000003	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	8.00	840.00	3.40	0.00	0.00	0.65900	0.000003	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	4.00	807.50	2.21	0.00	0.00	0.16475	0.000001	0.00	0.00	0.00	0.00	0.00	0.00	0.00

April 2016
Humboldt Mill WTP Effluent Results - Outfall 002A

PARAMETER	Mercury (field blank)	Mercury (laboratory method blank)	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)
CODE	7190c	7190d	7190d	01062	01067	01067	01067	01147	01147	01147	01082	01092	01092	61425
Monitoring Point	002A	002A	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	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	lbs/day	TUA
1														
2														
3														
4														
5														
6	<0.500	<0.500	<0.500	<25	22	0.0936	63	<1.0	<0.0043	<1.0	220	<10	<0.0425	
7														
8														
9														
10														
11														
12														
13	<0.500	<0.500	<0.500	<25	17	0.0709	61	2.3	0.0096	1.9	220	<10	<0.0417	
14														
15														
16														
17														
18														0
19														
20	<0.500	<0.500	<0.500		18	0.045	64	<1.0	<0.0025	<1.0		<10	<0.0025	
21														
22														
23														
24														
25														
26														
27	<0.500	<0.500	<0.500		22	0.0037	71	<1.0	<0.0002	<1.0		<10	<0.0017	
28														
29														
30														
Min	0.00	0.00	0.00	0.00	17.00	0.004	61.00	2.30	0.010	1.90	220.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	22.00	0.094	71.00	2.30	0.010	1.90	220.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	19.75	0.053	64.75	0.58	0.002	0.48	220.00	0.00	0.00	

April 2016
Humboldt Mill WTP Effluent Results - Outfall 002A

PARAMETER	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	TS16C	TTK6C	03599	00945	00945	00011	00900	84130	00400	00400	00300		
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A		
STAGE	1	1	1	1	R	1	1	1	1	1	1		
UNIT	TUA	TUC	TUC	mg/L	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L		
1						38		yes	*E	7.6	11.3	498630	0.50
2						38		yes	*E	7.5	11.0	505960	0.51
3						38		yes	*E	7.6	11.5	506070	0.51
4						38		yes	*E	7.5	11.3	507460	0.51
5						38		yes	*E	7.5	11.8	498880	0.50
6				170	170	38	226	yes	*E	7.5	11.9	505620	0.51
7						38		yes	*E	7.6	11.9	528080	0.53
8						38		yes	*E	7.6	11.7	531930	0.53
9						38		yes	*E	7.6	12.0	560690	0.56
10						38		yes	*E	7.6	11.8	563540	0.56
11						38		yes	*E	7.5	11.2	565070	0.57
12						38		yes	*E	7.5	10.6	562450	0.56
13				170	170	38	226	yes	*E	7.5	11.4	498490	0.50
14						38		yes	*E	7.5	11.4	560310	0.56
15						38		yes	*E	7.6	11.6	560710	0.56
16						38		yes	*E	7.6	11.7	559490	0.56
17						39		yes	*E	7.5	12.0	564600	0.56
18	0	0	0			40		yes	*E	7.6	11.8	563300	0.56
19						40		yes	*E	7.6	11.2	496200	0.50
20				170	170	39		yes	*E	7.7	11.2	295740	0.30
21						43		yes	*E	7.6	11.1	84790	0.08
22						39		yes	*E	7.6	11.1	37990	0.04
23						42		yes	*E	7.6	11.3	37710	0.04
24						42		yes	*E	7.6	11.2	39200	0.04
25						40		yes	*E	7.6	11.5	52270	0.05
26						40		yes	*E	7.6	11.2	0	0.00
27				180	180	40		yes	*E	7.5	11.2	19420	0.02
28						41		yes	*E	7.6	10.8	24300	0.02
29						41		yes	*E	7.5	11.0	26700	0.03
30						41		yes	*E	7.6	11.1	27840	0.03
Min	0.00	0.00	0.00	170.00	170.00	37.50	226.00	0.00	0.00	7.46	10.61		
Max	0.00	0.00	0.00	180.00	180.00	42.70	226.00	0.00	0.00	7.68	11.97		
Average				172.50	172.50	39.19	226.00						

April 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 (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	0.43									1				
2	0.43									1				
3	0.43									12				
4	0.43									1				
5	0.43									1				
6	0.43	<3.3	<3.3	360	370	5.5	0.35	0.0141	0.0506	6	<2.0	<0.0072	3.9	1.0
7	0.41									8				
8	0.41									8				
9	0.44									2				
10	0.45									6				
11	0.45									1				
12	0.44									4				
13	0.40	<3.3	<3.3	420	410	4.9	0.31	<0.0100	<0.0334	5	<2.0	<0.0067	4.0	<1.0
14	0.44									1				
15	0.44									5				
16	0.44									4				
17	0.45									3				
18	0.45									1				
19	0.52									0				
20	0.62	<3.3	<3.3	380	390			<0.0100	<0.0517	6	<2.0	<0.0103		<1.0
21	0.77									3				
22	0.83									4				
23	0.84									1				
24	0.90									3				
25	0.90									4				
26	0.42									5				
27	0.46	<3.3	<3.3	440	450			<0.0100	<0.0384	0	<2.0	<0.0077		<1.0
28	0.48									3				
29	0.49									3				
30	0.49									0				
Min	0.40	0.00	0.00	360.00	370.00	4.90	0.31	0.0141	0.0506	0.00	0.00	0.00	3.90	1.00
Max	0.90	0.00	0.00	440.00	450.00	5.50	0.35	0.0141	0.0506	12.00	0.00	0.00	4.00	1.00
Avg	0.52	0.00	0.00	400.00	405.00	5.20	0.33	0.0035	0.0127	3.40	0.00	0.00	3.95	0.25

April 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

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	0.0036	11	83	<0.20	<0.00072	<1.0	3.0	0.0108	<1.0	<0.0036	2.6	140	<1.0	<0.0036
7														
8														
9														
10														
11														
12														
13	<0.0033	11	96	<0.20	<0.00067	<1.0	2.7	0.009	<1.0	<0.0033	1.7	130	<1.0	<0.0033
14														
15														
16														
17														
18														
19														
20	<0.0052			<0.20	<0.001		2.8	0.0145	<1.0	<0.0052	2.4		<1.0	<0.0052
21														
22														
23														
24														
25														
26														
27	<0.0038			<0.20	<0.00077		2.7	0.0104	<1.0	<0.0038	2.6		<1.0	<0.0038
28														
29														
30														
Min	0.0036	11.00	83.00	0.00	0.00	0.00	2.70	0.0090	0.00	0.00	1.70	130.00	0.00	0.00
Max	0.0036	11.00	96.00	0.00	0.00	0.00	3.00	0.0145	0.00	0.00	2.60	140.00	0.00	0.00
Avg	0.0009	5.50	89.50	0.00	0.00	0.00	2.80	0.0112	0.00	0.00	2.33	67.50	0.00	0.00

April 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

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	<8.0	800	2.869	<0.500	<0.0000018	0.659	0.0000024	<0.500	<0.0000018	<0.500	<0.0000018	<0.500	<0.500	<0.500
7														
8														
9														
10														
11														
12														
13	8.0	800	2.6688	<0.500	<0.0000017	<0.500	<0.0000017	<0.500	<0.0000017	<0.500	<0.0000017	<0.500	<0.500	<0.500
14														
15														
16														
17														
18														
19														
20		790	4.0849	<0.500	<0.0000026	<0.500	<0.0000026	<0.500	<0.0000026	<0.500	<0.0000026	<0.500	<0.500	<0.500
21														
22														
23														
24														
25														
26														
27		840	3.2226	<0.500	<0.0000019	<0.500	<0.0000019	<0.500	<0.0000019	<0.500	<0.0000019	<0.500	<0.500	<0.500
28														
29														
30														
Min	8.00	790.00	2.67	0.00	0.00	0.66	0.0000024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	8.00	840.00	4.08	0.00	0.00	0.66	0.0000024	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Avg	4.00	807.50	3.21	0.00	0.00	0.16	0.0000006	0.00	0.00	0.00	0.00	0.00	0.00	0.00

April 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	Mercury (field blank)	Mercury (laboratory method blank)	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)
CODE	7190c	7190d	7190d	01062	01067	01067	01067	01147	01147	01147	01082	01092	01092	61425
Monitoring Point	002A	002A	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	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	lbs/day	TUA
1														
2														
3														
4														
5														
6	<0.500	<0.500	<0.500	<25	22	0.0789	63	<1.0	<0.0036	<1.0	220	<10	<0.0359	
7														
8														
9														
10														
11														
12														
13	<0.500	<0.500	<0.500	<25	17	0.0567	61	2.3	0.0077	1.9	220	<10	<0.0334	
14														
15														
16														
17														
18														0
19														
20	<0.500	<0.500	<0.500		18	0.0931	64	<1.0	<0.0052	<1.0		<10	<0.0517	
21														
22														
23														
24														
25														
26														
27	<0.500	<0.500	<0.500		22	0.0844	71	<1.0	<0.0038	<1.0		<10	<0.0384	
28														
29														
30														
Min	0.00	0.00	0.00	0.00	17.00	0.06	61.00	2.30	0.0077	1.90	220.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	22.00	0.09	71.00	2.30	0.0077	1.90	220.00	0.00	0.00	0.00
Avg	0.00	0.00	0.00	0.00	19.75	0.08	64.75	0.58	0.0019	0.48	220.00	0.00	0.00	0.00

April 2016
Humboldt Mill WTP Effluent Results - Outfall 003A

PARAMETER	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	TS16C	TTK6C	03599	00945	00945	00011	00900	84130	00400	00400	00300		
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A		
STAGE	1	1	1	1	R	1	1	1	1	1	1		
UNIT	TUA	TUC	TUC	mg/L	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L		
1						38		yes	*E	7.6	11.3	430790	0.43
2						38		yes	*E	7.5	11.0	431670	0.43
3						38		yes	*E	7.6	11.5	429540	0.43
4						38		yes	*E	7.5	11.3	433430	0.43
5						38		yes	*E	7.5	11.8	425960	0.43
6				170	170	38	226	yes	*E	7.5	11.9	429010	0.43
7						38		yes	*E	7.6	11.9	411230	0.41
8						38		yes	*E	7.6	11.7	414470	0.41
9						38		yes	*E	7.6	12.0	442960	0.44
10						38		yes	*E	7.6	11.8	446810	0.45
11						38		yes	*E	7.5	11.2	448390	0.45
12						38		yes	*E	7.5	10.6	444480	0.44
13				170	170	38	226	yes	*E	7.5	11.4	400440	0.40
14						38		yes	*E	7.5	11.4	442180	0.44
15						38		yes	*E	7.6	11.6	442110	0.44
16						38		yes	*E	7.6	11.7	442730	0.44
17						39		yes	*E	7.5	12.0	449580	0.45
18	0	0	0			40		yes	*E	7.6	11.8	449180	0.45
19						40		yes	*E	7.6	11.2	519270	0.52
20				170	170	39		yes	*E	7.7	11.2	617030	0.62
21						43		yes	*E	7.6	11.1	769170	0.77
22						39		yes	*E	7.6	11.1	827290	0.83
23						42		yes	*E	7.6	11.3	838000	0.84
24						42		yes	*E	7.6	11.2	897460	0.90
25						40		yes	*E	7.6	11.5	899570	0.90
26						40		yes	*E	7.6	11.2	421570	0.42
27				180	180	40		yes	*E	7.5	11.2	459025	0.46
28						41		yes	*E	7.6	10.8	479225	0.48
29						41		yes	*E	7.5	11.0	493850	0.49
30						41		yes	*E	7.6	11.1	493485	0.49
Min	0.00	0.00	0.00	170.00	170.00	37.50	226.00	0.00	0.00	7.46	10.61		
Max	0.00	0.00	0.00	180.00	180.00	42.70	226.00	0.00	0.00	7.68	11.97		
Avg	0.00	0.00	0.00	172.50	172.50	39.19	113.00	0.00	0.00	7.55	11.39		