

October 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									*F				
2	0									*F				
3	0									*F				
4	0									*F				
5	0									*F				
6	0	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
7	0									*F				
8	0									*F				
9	0									*F				
10	0									*F				
11	0									*F				
12	0	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
13	0									*F				
14	0									*F				
15	0									*F				
16	0									*F				
17	0									*F				
18	0									*F				
19	0	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
20	0									*F				
21	0									*F				
22	0									*F				
23	0									*F				
24	0									*F				
25	0.011									5				
26	0.006	<3.3	<3.3	400	430	*F	*F	<0.0100	<0.0005	9	<2.0	<0.0001	*F	<1.0
27	0.006									5				
28	0.006									3				
29	0.009									3				
30	0.009									0				
31	0.009									3				
Min	0.000000	0.00	0.00	400.00	430.00	0.00	0.00	0.000	0.000000	0.00	0.00	0.00	0.00	0.00
Max	0.01055	0.00	0.00	400.00	430.00	0.00	0.00	0.000	0.000000	9.00	0.00	0.00	0.00	0.00
Average	0.00811	0.00	0.00	400.00	430.00	0.00	0.00	0.0000	0.0000	4.00	0.00	0.0000	0.00	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	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	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
7														
8														
9														
10														
11														
12	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
13														
14														
15														
16														
17														
18														
19	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
20														
21														
22														
23														
24														
25														
26	<0.0001	*F	*F	<0.20	<0.00001		1.6	0.0001	<1.0	<0.0001	3.5	*F	<1.0	<0.0001
27														
28														
29														
30														
31														
Min	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.000	0.00	0.00	3.50	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.0001	0.00	0.00	3.50	0.00	0.00	0.00
Average	0.0000	0.00	0.00	0.00	0.0000	0.00	1.60	0.00003	0.00	0.0000	3.50	0.00	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	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	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
7														
8														
9														
10														
11														
12	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
13														
14														
15														
16														
17														
18														
19	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
20														
21														
22														
23														
24														
25														
26	*F	390	0.0195	<0.500	<0.00000003	<0.500	<0.00000003	<0.500	<0.00000003	<0.500	<0.00000003	<0.500	<0.500	<0.500
27														
28														
29														
30														
31														
Min	0.00	390.00	0.01950	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	390.00	0.01950	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	390.00	0.0195	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 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	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
7														
8														
9														
10														
11														
12	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
13														
14														
15														
16														
17														
18														
19	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
20														
21														
22														
23														
24														0
25														
26	<0.500	<0.500	<0.500	*F	4.8	0.0002	51	<1.0	<0.0001	<1.0	*F	<10	<0.0005	
27														
28														
29														
30														
31														
Min	0.00	0.00	0.00	0.00	4.80	0.000200	51.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	4.80	0.000200	51.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	4.80	0.000200000	51.00	0.00	0.000000000000	0.00	0.00	0.00	#####	0.00

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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						*F		*F	*E	*F	*F	0	0
2						*F		*F	*E	*F	*F	0	0
3						*F		*F	*E	*F	*F	0	0
4						*F		*F	*E	*F	*F	0	0
5						*F		*F	*E	*F	*F	0	0
6				*F	*F	*F	*F	*F	*E	*F	*F	0	0
7						*F		*F	*E	*F	*F	0	0
8						*F		*F	*E	*F	*F	0	0
9						*F		*F	*E	*F	*F	0	0
10						*F		*F	*E	*F	*F	0	0
11						*F		*F	*E	*F	*F	0	0
12				*F	*F	*F	*F	*F	*E	*F	*F	0	0
13						*F		*F	*E	*F	*F	0	0
14						*F		*F	*E	*F	*F	0	0
15						*F		*F	*E	*F	*F	0	0
16						*F		*F	*E	*F	*F	0	0
17						*F		*F	*E	*F	*F	0	0
18						*F		*F	*E	*F	*F	0	0
19				*F	*F	*F	*F	*F	*E	*F	*F	0	0
20						*F		*F	*E	*F	*F	0	0
21						*F		*F	*E	*F	*F	0	0
22						*F		*F	*E	*F	*F	0	0
23						*F		*F	*E	*F	*F	0	0
24	0	0	0			*F		*F	*E	*F	*F	0	0
25						50.6		Yes	*E	7.88	10.27	10550	0.011
26				170	170	50.2	*F	Yes	*E	7.73	10.48	6300	0.006
27						49.7		Yes	*E	7.75	10.4	6300	0.006
28						48.4		Yes	*E	7.71	9.8	6300	0.006
29						48.1		Yes	*E	7.67	10.18	8560	0.009
30						47.8		Yes	*E	7.66	10.3	9350	0.009
31						48		Yes	*E	7.67	10.4	9440	0.009
Min	0.00	0.00	0.00	170.00	170.00	47.80	0.00	0.00	0.00	7.66	9.80		
Max	0.00	0.00	0.00	170.00	170.00	50.60	0.00	0.00	0.00	7.88	10.48		
Average	0.00	0.00	0.00	170.00	170.00	48.97	0.00	0.00	0.00	7.72	10.26		

October 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	Total Arsenic	Total Barium	Total Boron
CODE	50050	00530	00530	70295	70295	00310	00610	00665	00665	50060	01257	01257	01097	01002	01002	01007	01022
Monitoring Point	002A	002A	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	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	ug/L	ug/L
1	0.65									8							
2	0.70									7							
3	0.65									4							
4	0.64									9							
5	0.66									8							
6	0.70	<3.3	<3.3	420	310	<2.0	0.097	<0.0100	<0.058	4	<2.0	<0.012	3.1	<1.0	<0.006	9.4	96
7	0.70									4							
8	0.67									6							
9	0.68									6							
10	0.61									6							
11	0.53									4							
12	0.70	<3.3	<3.3	470	470	<2.0	0.20	<0.0100	<0.058	1	<2.0	<0.012	2.9	<1.0	<0.006	8.4	97
13	0.86									1							
14	1.10									4							
15	1.08									5							
16	1.08									9							
17	1.09									8							
18	1.12									4							
19	1.06	<3.3	<3.3	360	380			<0.0100	<0.088	7	<2.0	<0.018		<1.0	<0.009		
20	1.09									6							
21	1.09									7							
22	1.07									6							
23	1.11									6							
24	1.11									1							
25	1.08									5							
26	1.11	<3.3	<3.3	400	430			<0.0100	<0.09	9	<2.0	<0.09		<1.0	<0.009		
27	1.09									5							
28	1.14									3							
29	1.14									3							
30	1.05									0							
31	1.12									3							
Min	0.533280	0.00	0.00	360.00	310.00	0.00	0.10	0.000	0.000000	0.00	0.00	0.00	2.90	0.00	0.00	8.40	96.00
Max	1.14467	0.00	0.00	470.00	470.00	0.00	0.20	0.000	0.000000	9.00	0.00	0.00	3.10	0.00	0.00	9.40	97.00
Average	0.91900	0.00	0.00	412.50	397.50	0.00	0.15	0.0000	0.0000	5.13	0.00	0.0000	3.00	0.00	0.0000	8.90	96.50

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Humboldt Mill WTP Effluent Results - Outfall 002A

PARAMETER	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	Total Manganese	Total Mercury	Total Mercury	Total Mercury	Total Mercury
CODE	01027	01027	01034	01037	01037	01042	01042	01042	00951	01051	01051	01132	01055	01055	71900	71900	71900	71900
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1	1	1	1	1	1	1	R	1	1	1	1	1	1	1	1	R	R
UNIT	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	lbs/day	ng/L	lbs/day	ng/L	lbs/day
1																		
2																		
3																		
4																		
5																		
6	<0.20	<0.001	<1.0	1.7	0.01	<1.0	<0.006	1.8	160	<1.0	<0.006	<8.0	330	1.93	<0.500	<0.000003	<0.500	<0.000003
7																		
8																		
9																		
10																		
11																		
12	<0.20	<0.001	<1.0	1.7	0.01	<1.0	<0.006	2.1	140	<1.0	<0.006	<8.0	300	1.75	<0.500	<0.000003	<0.500	<0.000003
13																		
14																		
15																		
16																		
17																		
18																		
19	<0.20	<0.002		1.7	0.015	<1.0	<0.009	2.5		<1.0	<0.009		410	3.62	<0.500	<0.000004	<0.500	<0.000004
20																		
21																		
22																		
23																		
24																		
25																		
26	<0.20	<0.002		1.6	0.015	<1.0	<0.009	3.5		<1.0	<0.009		390	3.61	<0.500	<0.000005	<0.500	<0.000005
27																		
28																		
29																		
30																		
31																		
Min	0.00	0.00	0.00	1.60	0.010	0.00	0.00	1.80	140.00	0.00	0.00	0.00	300.00	1.75000	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	1.70	0.015	0.00	0.00	3.50	160.00	0.00	0.00	0.00	410.00	3.62000	0.00	0.00	0.00	0.00
Average	0.00	0.00000	0.00	1.68	0.0125	0.00	0.00000	2.48	150.00	0.00	0.00000	0.00	357.50	2.7275	0.00	#####	0.00	#####

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PARAMETER	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)	Mercury (laboratory method blank)	Total Molybdenum	Total Nickel	Total Nickel	Total Nickel	Total Selenium	Total Selenium	Total Selenium
CODE	7190a	7190a	7190a	7190a	7190b	7190b	7190c	7190c	7190d	7190d	01062	01067	01067	01067	01147	01147	01147
Monitoring Point	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A	002A
STAGE	1D	1D	RD	RD	1D	RD	1D	RD	1D	RD	1	1	1	R	1	1	R
UNIT	ng/L	lbs/day	ng/L	lbs/day	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ug/L	ug/L	lbs/day	ug/L	ug/L	lbs/day	ug/L
1																	
2																	
3																	
4																	
5																	
6	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<25	3.2	0.019	57	<1.0	<0.006	<1.0
7																	
8																	
9																	
10																	
11																	
12	<0.500	<0.000003	<0.500	<0.000003	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<25	3.2	0.019	56	<1.0	<0.006	<1.0
13																	
14																	
15																	
16																	
17																	
18																	
19	<0.500	<0.000004	<0.500	<0.000004	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500		5.5	0.049	55	<1.0	<0.009	1.2
20																	
21																	
22																	
23																	
24																	
25																	
26	<0.500	<0.000005	<0.500	<0.000005	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500		4.8	0.044	51	<1.0	<0.009	<1.0
27																	
28																	
29																	
30																	
31																	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20	0.019000	51.00	0.00	0.00	1.20
Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.049000	57.00	0.00	0.00	1.20
Average	0.00	#####	0.00	#####	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.18	0.032750000	54.75	0.00	#####	0.30

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PARAMETER	Total Strontium	Total Zinc	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		flow
CODE	01082	01092	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	002A	002A		
STAGE	1	1	1	1	1	1	1	1	R	1	1	1	1	1	1		
UNIT	ug/L	ug/L	lbs/day	TUA	TUA	TUC	TUC	mg/L	mg/L	F	mg/L	yes/no	S.U.	S.U.	mg/L		
1										58.6		Yes	*E	7.8	9.41	654630	0.65463
2										58.6		Yes	*E	7.8	9.40	695520	0.69552
3										59.1		Yes	*E	7.8	9.43	648290	0.64829
4										60.8		Yes	*E	7.7	9.52	635190	0.63519
5										61.2		Yes	*E	7.7	9.23	655450	0.65545
6	200	<10	<0.06					160	160	60.1	224	Yes	*E	7.8	9.32	697180	0.69718
7										59.1		Yes	*E	7.8	9.51	701220	0.70122
8										55.9		Yes	*E	8.0	9.82	674500	0.6745
9										57.4		Yes	*E	7.7	9.45	683670	0.68367
10										56.1		Yes	*E	7.8	9.83	608550	0.60855
11										56.2		Yes	*E	7.7	9.11	533280	0.53328
12	180	<10	<0.06					170	160	55.5	226	Yes	*E	7.8	9.61	700720	0.70072
13										54.5		Yes	*E	7.7	9.89	857890	0.85789
14										53.3		Yes	*E	7.7	9.95	1099840	1.09984
15										53		Yes	*E	7.7	9.70	1083700	1.0837
16										53.2		Yes	*E	7.8	9.95	1084450	1.08445
17										53.2		Yes	*E	7.8	11.62	1085940	1.09
18										52.4		Yes	*E	7.8	11.39	1116710	1.12
19		<10	<0.09					170	160	53.3		Yes	*E	7.7	11.41	1061030	1.06
20										52.8		Yes	*E	7.8	11.32	1088340	1.088
21										52.1		Yes	*E	7.7	11.57	1094500	1.095
22										51.1		Yes	*E	7.6	11.41	1070270	1.07
23										51.1		Yes	*E	7.6	11.41	1110200	1.11
24				0	0	0	0			50.9		Yes	*E	7.6	10.57	1113640	1.11
25										50.6		Yes	*E	7.9	10.27	1081780	1.08
26		<10	<0.019					170	170	50.2		Yes	*E	7.7	10.48	1111790	1.11
27										49.7		Yes	*E	7.8	10.40	1085880	1.09
28										48.4		Yes	*E	7.7	9.80	1144670	1.14
29										48.1		Yes	*E	7.7	10.18	1142420	1.14
30										47.8		Yes	*E	7.7	10.30	1048660	1.05
31										48.0		Yes	*E	7.7	10.40	1119110	1.12
Min	180.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00	160.00	47.80	224.00	0.00	0.00	7.59	9.11		
Max	200.00	0.00	0.00	0.00	0.00	0.00	0.00	170.00	170.00	61.20	226.00	0.00	0.00	7.98	11.62		
Average	190.00	0.00	#####	0.00	0.00	0.00	0.00	167.50	162.50	53.95	225.00	0.00	0.00	7.73	10.18		

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PARAMETER	CODE	Monitoring Point	STAGE	UNIT
				cl2
1	0.008	8		
2	0.007	7		
3	0.004	4		
4	0.009	9		
5	0.008	8		
6	0.004	4		
7	0.004	4		
8	0.006	6		
9	0.006	6		
10	0.006	6		
11	0.004	4		
12	0.001	1		
13	0.001	1		
14	0.004	4		
15	0.005	5		
16	0.009	9		
17	0.008	8		
18	0.004	4		
19	0.007	7		
20	0.006	6		
21	0.007	7		
22	0.006	6		
23	0.006	6		
24	0.001	1		
25	0.005	5		
26	0.009	9		
27	0.005	5		
28	0.003	3		
29	0.003	3		
30	0.000	0		
31	0.003	3		

Min
Max
Average

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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	0.44									8					
2	0.44									7					
3	0.42									4					
4	0.39									9					
5	0.43									8					
6	0.37	<3.3	<3.3	420	310	<2.0	0.097	<0.0100	<0.031	4	<2.0	<0.006	3.1	<1.0	<0.003
7	0.41									4					
8	0.41									6					
9	0.40									6					
10	0.47									6					
11	0.48									4					
12	0.41	<3.3	<3.3	470	470	<2.0	0.20	<0.0100	<0.034	1	<2.0	<0.007	2.9	<1.0	<0.003
13	0.22									1					
14	0									*F					
15	0									*F					
16	0									*F					
17	0									*F					
18	0									*F					
19	0	*F	*F	*F	*F			*F	*F	*F	*F	*F		*F	*F
20	0									*F					
21	0									*F					
22	0									*F					
23	0									*F					
24	0									*F					
25	0									*F					
26	0	*F	*F	*F	*F			*F	*F	*F	*F	*F		*F	*F
27	0									*F					
28	0									*F					
29	0									*F					
30	0									*F					
31	0									*F					
Min	0.00	0.00	0.00	420.00	310.00	0.00	0.10	0.000	0.000	1.00	0.00	0.00	2.90	0.00	0.00
Max	0.48	0.00	0.00	470.00	470.00	0.00	0.20	0.000	0.000	9.00	0.00	0.00	3.10	0.00	0.00
Avg	0.41	0.00	0.00	445.00	390.00	0.00	0.15	0.000	0.000	5.23	0.00	0.00	3.00	0.00	0.00

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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	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
1															
2															
3															
4															
5															
6	9.4	96	<0.20	<0.0006	<1.0	1.7	0.0052	<1.0	<0.003	1.8	160	<1.0	<0.003	<8.0	330
7															
8															
9															
10															
11															
12	8.4	97	<0.20	<0.0007	<1.0	1.7	0.0058	<1.0	<0.003	2.1	140	<1.0	<0.003	<8.0	300
13															
14															
15															
16															
17															
18															
19			*F	*F		*F	*F	*F	*F	*F		*F	*F		*F
20															
21															
22															
23															
24															
25															
26			*F	*F		*F	*F	*F	*F	*F		*F	*F		*F
27															
28															
29															
30															
31															
Min	8.40	96.00	0.00	0.00	0.00	1.70	0.0052	0.00	0.00	1.80	140.00	0.00	0.00	0.00	300.00
Max	9.40	97.00	0.00	0.00	0.00	1.70	0.0058	0.00	0.00	2.10	160.00	0.00	0.00	0.00	330.00
Avg	8.90	96.50	0.00	0.00	0.00	1.70	0.0055	0.00	0.00	1.95	150.00	0.00	0.00	0.00	315.00

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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															
5															
6	1.02	<0.500	<0.000002	<0.500	<0.000002	<0.500	<0.000002	<0.500	<0.000002	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
7															
8															
9															
10															
11															
12	1.03	<0.500	<0.000002	<0.500	<0.000002	<0.500	<0.000002	<0.500	<0.000002	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
13															
14															
15															
16															
17															
18															
19	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
20															
21															
22															
23															
24															
25															
26	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F	*F
27															
28															
29															
30															
31															
Min	1.020	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	1.030	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	1.025	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

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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	<25	3.2	0.01	57	<1.0	<0.003	<1.0	200	<10	<0.031					160
7															
8															
9															
10															
11															
12	<25	3.2	0.011	56	<1.0	<0.003	<1.0	180	<10	<0.034					170
13															
14															
15															
16															
17															
18															
19		*F	*F	*F	*F	*F	*F		*F	*F					*F
20															
21															
22															
23															
24											0	0	0	0	
25															
26		*F	*F	*F	*F	*F	*F		*F	*F					*F
27															
28															
29															
30															
31															
Min	0.00	3.20	0.0100	56.00	0.00	0.00	0.00	180.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00
Max	0.00	3.20	0.0110	57.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	170.00
Avg	0.00	3.20	0.011	56.50	0.00	0.00	0.00	190.00	0.00	0.00	0.00	0.00	0.00	0.00	165.00

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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		59		Yes	*E	7.8	9.41					441490	0.44
2		59		Yes	*E	7.8	9.40					442350	0.44
3		59		Yes	*E	7.8	9.43					417520	0.42
4		61		Yes	*E	7.7	9.52					391300	0.39
5		61		Yes	*E	7.7	9.23					426060	0.43
6	160	60.1	224	Yes	*E	7.8	9.32					370250	0.37
7		59.1		Yes	*E	7.8	9.51					407120	0.41
8		55.9		Yes	*E	8.0	9.82					405510	0.41
9		57.4		Yes	*E	7.7	9.45					396360	0.40
10		56.1		Yes	*E	7.8	9.83					471830	0.47
11		56.2		Yes	*E	7.7	9.11					479790	0.48
12	160	55.5	226	Yes	*E	7.8	9.61					406270	0.41
13		54.5		Yes	*E	7.7	9.89					222190	0.22
14		*F		*F	*E	*F	*F					0	0.00
15		*F		*F	*E	*F	*F					0	0.00
16		*F		*F	*E	*F	*F					0	0.00
17		*F		*F	*E	*F	*F					0	0.00
18		*F		*F	*E	*F	*F					0	0.00
19	*F	*F		*F	*E	*F	*F					0	0.00
20		*F		*F	*E	*F	*F					0	0.00
21		*F		*F	*E	*F	*F					0	0.00
22		*F		*F	*E	*F	*F					0	0.00
23		*F		*F	*E	*F	*F					0	0.00
24		*F		*F	*E	*F	*F					0	0.00
25		*F		*F	*E	*F	*F					0	0.00
26	*F	*F		*F	*E	*F	*F					0	0.00
27		*F		*F	*E	*F	*F					0	0.00
28		*F		*F	*E	*F	*F					0	0.00
29		*F		*F	*E	*F	*F					0	0.00
30		*F		*F	*E	*F	*F					0	0.00
31		*F		*F	*E	*F	*F					0	0.00
Min	160.00	54.50	224.00	0.00	0.00	7.65	9.11						
Max	160.00	61.20	226.00	0.00	0.00	7.98	9.89						
Avg	160.00	57.93	225.00	0.00	0.00	7.76	9.50						