

MOLALLA WASTEWATER TREATMENT PLANT DISCHARGE MONITORING REPORT

RECEIVING WATERS: MOLALLA RIVER

MONTH: February 2009

CITY OF MOLALLA

CLACKAMAS COUNTY OREGON

PERMIT #101514

FILE #57613

TREATMENT SYS. CLASS III

REMARKS

POPULATION: 7605

TREATMENT PROCESS: PRE-AERATED LAGOONS WITH EFFLUENT FILTRATION

COLLECTION SYS. CLASS II

DAY	INF. MGD	EFF. MGD	Molalla River CFS	PLANT INFLUENT				PLANT EFFLUENT @DMS															RAIN inch	
				pH	BOD mg/L	TSS mg/L	Temp	pH	Min DO	Max Temp	NH3	BOD mg/L	BOD % Rem	BOD Disch. lbs	TSS mg/L	TSS % Rem	TSS Disch. Lbs	Chlorine Used lbs	Max Chlorine Hr. Avg	Total Colif	Ecoli	MOL 1400-DO		River 1800 Temp
1	1.094	1.270	777					11.7	6.0									25	0.01				0.00	
2	1.050	1.273	741	7.0			11.8	7.2	11.8	5.7								23	0.01			14.0	4.9	0.00
3	1.024	1.248	707	6.8	160	177	12.0	6.9	11.6	6.3	8.9	5.4	97	56	1.1	99	11.4	26	0.03	<1		14.1	5.2	0.00
4	1.005	1.246	687	7.5			13.6	7.1	11.5	6.3								25	0.05			13.9	5.9	0.00
5	0.980	1.233	687	7.2	152	154	12.0	7.2	11.3	6.6	10.2	5.2	97	53	0.8	99	8.2	26	0.05			14.2	5.8	0.20
6	1.057	1.221	721	7.1			11.8	7.6	11.4	6.3								28	0.04			13.2	6.6	0.20
7	1.076	1.205	828						11.4	6.6								27	0.03					0.00
8	1.076	1.185	762						11.2	7.0								25	0.02					0.01
9	0.996	1.144	721	7.2			11.9	7.3	10.6	6.9								27	0.03			13.5	5.5	0.16
10	1.042	1.162	680	7.1			11.9	7.3	10.8	6.5	10.3							28	0.03	<1		13.9	4.9	0.20
11	1.131	1.212	687	7.2	146	151	11.9	7.0	11.0	6.2		5.4	96	55	1.3	99	13.0	30	0.14			13.9	5.3	0.04
12	1.078	1.230	648	7.1	145	112	11.8	7.3	11.2	6.1	10.7	5.0	97	51	1.2	99	12.3	30	0.03			13.2	4.7	0.02
13	1.064	1.275	617	7.1			11.7	7.4	11.1	6.1								30	0.02			13.9	5.2	0.00
14	1.084	1.311	598						11.2	6.0								22	0.01					0.30
15	1.159	1.312	580						11.2	6.1								28	0.01					0.10
16	1.124	1.312	574						11.1	6.4								26	0.01					0.10
17	1.071	1.408	557	7.4		127	11.7	7.1	11.1	6.7	10.9			1.4	99	16.0	31	0.01	<1		13.0	6.0	0.10	
18	1.026	1.545	557	6.9			11.7	7.3	11.3	6.8								29	0.01			12.9	7.1	0.00
19				7.0			11.7	7.3			11.3													
20																								
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28																								
29																								
30																								
31																								
Total	19.137	22.792																486						1.43
MAX	1.159	1.545		7.5	160	177	13.6	7.6			11.3	5.4	97	56	1.4	99	16	31	0.14					0.30
MIN	0.980	1.144		6.8	145	112	11.7	6.9			8.9	5.0	96	51	0.8	99	8	22	0.01					0.00
AVG	1.063	1.266	674	7.1		144	12.0	7.2	11.2	6.4	10.4			1.2	99	12	27	0.03	<1		13.6	5.6	0.08	

PRINCIPAL OPERATOR NAME: Otis Phillips

SIGNATURE:

TREATMENT CERTIFICATION # AND GRADE: 10506 LEVEL 4

COLLECTIONS CERTIFICATION # AND GRADE: 7848 LEVEL 1