MOLALLA WASTEWATER TREATMENT PLANT DISCHARGE MONITORING REPORT — RECEIVING WATERS: MOLALLA RIVER — MONTH: April 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

				PLANT INFLUENT				PLANT EFFLUENT @DMS																	
DAY	INF. MGD	EFF. MGD	Molalla River CFS	Temp	pH	BOD mg/L	TSS mg/L	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	RAIN inch	
1	1.584	0.981	1830	11.4	6.8			7.2	10.3	10.2								26	0.00			11.7	5.9	0.35	
2	1.845	0.992	1850	11.3	6.9	95	72	7.3	10.4	9.7	7.2	7.1	93	59	1.0	99	8.3	30	0.00		<1	11.2	6.8	0.05	
3	1.616	1.268	2750	11.5	6.8			7.2	10.4	10.0								30	0.00			11.9	6.5	0.00	
4	1.513	1.399	2120						10.5	10.0								33	0.00					0.00	
5	1.428	1.398	1800						10.3	10.6								31	0.00					0.00	
6	1.328	1.610	1580	11.8	6.9			7.2	10.1	11.5								51	0.01			11.1	8.8	0.00	
7	1.267	1.736	1620	12.2		151	191	6.8	9.9	12.0		6.2	96	90	1.7	99	24.6	50	0.00		<1	10.6	9.2	0.00	
8	1.247	1.699	1790	12.0	6.9			7.1	9.8	12.6	9.6							53	0.00			12.7	8.1	0.05	
9	1.250	1.727	1660	11.9	7.2	132	139	7.2	9.8	12.7	7.9	6.1	95	88	1.0	99	14.4	57	0.00			12.8	8.3	0.45	
10	1.433	1.793	1810	12.1	6.9			7.0	9.8	12.8								53	0.00			10.5	8.0	0.00	
11	1.300	1.765	1470						9.7	13.2								30	0.00					0.10	
12	1.318	1.767	1300						9.7	13.4								40	0.00					0.40	
13	1.547	2.563	3140	12.3	7.1			7.3	9.7	13.0								69	0.00			12.2	6.9	0.30	
14	1.445	2.936	2390	11.9	7.1	103	80	7.5	9.7	12.7	7.9	6.0	94	147	0.6	99	14.7	47	0.09		<1	12.8	6.2	0.10	
15	1.318	2.966	1910	13.6	7.5			7.6	9.9	12.2								53	0.00			12.9	6.7	0.00	
16	1.238	3.081	1590	12.4	7.2	126	109	7.4	9.9	12.6	8.0	6.7	95	172	1.2	99	30.8	60	0.00			12.9	8.1	0.12	
17	1.399	3.076	1490	12.5				7.6	9.7	13.9								58	0.01			12.8	8.7	0.25	
18	1.328	3.018	1490						9.7	14.2								58	0.01					0.00	
19	1.251	3.068	1400						9.5	15.4								60	0.01					0.00	
20	1.164	2.996	1440	12.7	7.0			7.2	8.7	17.0								61	0.02			12.1	11.2	0.00	
21	1.118	2.846	1740	14.5	7.6	149	109	7.6	8.6	18.1	8.2	7.1	95	169	0.9	99	21.4	57	0.02		<1	12.0	11.9	0.00	
22	1.064	2.936	1680	14.7	7.5			7.6	8.5	18.4								68	0.01			12.5	9.1	0.00	
23	1.006	2.973	1430	14.6	7.3	162	132	7.5	8.9	17.0	8.0	7.3	95	181	1.6	99	39.7	62	0.02			12.9	8.2	0.00	
24	0.982	2.923	1170	14.5	7.6			7.6	9.3	16.1								62	0.02			12.6	8.7	0.00	
25	0.958	2.951	1000						9.2	16.5								64	0.02					0.00	
26	0.953	2.889	876						9.5	15.4								64	0.03					0.00	
27	0.933	2.903	783	14.4	7.2			7.6	9.2	15.4								52	0.05			10.7	8.3	0.50	
28	1.348	2.809	783	14.6	7.4	161	181	7.4	9.1	14.2	8.5	6.4	96	150	2.0	99	47	57	0.04		<1	12.7	8.7	0.30	
29	1.172	2.729	797	14.8	7.5			7.5	9.3	14.8								48	0.03			12.7	8.5	0.17	
30	1.090	1.110	742	13.4	7.0	130	114	7.0	9.3	14.7	9.4	5.8	96	54	4.7	96	43.5	15	0.00			12.5	10.2	0.00	Plant Shut Down: Stop Discharge To
31																									Molalla River @ 12:30 PM.
Total	38.443	68.908																1499						3.14	
MAX	1.845	3.081		14.8	7.6	162	191	7.6			9.6	7.3	96	181	4.7	99	47	69	0.09					0.50	
MIN	0.933	0.981		11.3	6.8	95	72	6.8			7.2	5.8	93	54	0.6	96	8	15	0.00					0.00	
AVG	1.281	2.297	1581	13.0	7.2	134	125	7.3	9.6	13.7	8.3	6.5	95	123	1.6	99	27	50	0.01		<1	12.1	8.3	0.10	
PERMIT STAND								6-9			11.5mg/L Mo/Avg	10mg/L Mo/Avg	80% Mo/Avg	160 lbs/day	10mg/L Mo/Avg	80% Mo/Avg	160 lbs/day		0.07mg/L Mo/Avg		126/ 100ml				

PRINCIPAL OPERATOR NAME: Otis Phillips — TREATMENT CERTIFICATION # AND GRADE: 10506 LEVEL 4

SIGNATURE: — COLLECTIONS CERTIFICATION # AND GRADE: 7848 LEVEL 1