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

				PLANT INFLUENT				PLANT EFFLUENT @DMS																	
DAY	INF. MGD	EFF. MGD	Molalla River CFS	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	RAIN inch	
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	130	127	11.7	7.1	11.1	6.7	10.9	4.4	97	52	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	0.996	1.525	523	7.0	152	133	11.7	7.3	11.3	7.4	11.3	6.6	96	84	1.7	99	21.6	32	0.01			13.0	7.1	0.00	
20	0.969	1.520	517	7.1			11.7	7.2	11.2	7.5								36	0.02			12.9	7.3	0.00	
21	0.971	1.498	501						11.1	7.6								35	0.02					0.00	
22	1.071	1.524	501						10.9	8.0								29	0.02					0.30	
23	1.318	1.477	610	7.3			11.8	7.6	10.6	8.4								29	0.02			12.6	7.3	0.55	
24	1.635	1.544	1360	7.4	95	97	11.8	7.1	10.5	8.3	10.7	7.9	92	102	2.6	97	33.5	35	0.00		<1	12.8	7.2	0.40	
25	1.843	1.732	3500	7.1			11.9		10.5	8.5								37	0.04			13.5	7.5	0.80	
26	2.128	1.727	4200	7.2	60	60	11.7	7.2	10.5	8.6	9.5	5.4	91	78	2.0	97	29	37	0.03			13.8	6.2	0.08	
27	1.819	0.610	2740	7.2			11.0	7.3	10.8	8.0								7	0.03			13.1	5.8	0.00	Plant Shut Down: 0800.
28	1.646																							0.00	
29																									
30																									
31																									
Total	33.533	35.949																763						3.56	
MAX	2.128	1.732		7.5	160	177	13.6	7.6			11.3	7.9	97	102	2.6	99	34	37	0.14					0.80	
MIN	0.969	0.610		6.8	60	60	11.0	6.9			8.9	4.4	91	51	0.8	97	8	7	0.00					0.00	
AVG	1.198	1.331	984	7.2	130	126	11.9	7.2	11.1	6.9	10.3	5.7	95	66	1.5	99	18	28	0.03		<1	13.4	6.1	0.13	
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