MOLALLA WASTEWATER TREATMENT PLANT DISCHARGE MONITORING REPORT — RECEIVING WATERS: MOLALLA RIVER — MONTH: January 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	3.921	1.711	2760		56	63			11.3	6.3		1.9	97	27	0.3	99	4.3	15	0.00					1.80	
2	6.794	2.801	19300					7.1	11.2	6.5	13.9							50	0.06		<1	13.4	6.3	2.90	
3	3.811	3.209	7040						11.7	6.3								50	0.07					0.10	
4	2.896	3.126	4320						11.7	6.2								35	0.04					0.40	
5	2.870	3.240	3910	6.9			11.3		11.6	6.1								40	0.02			13.2	6.8	0.12	
6	2.457	3.202	4430		76	62	11.2	7.3	11.5	6.8	13.2	2.1	97	56	0.8	99	21.4	41	0.01		<1	12.7	7.5	0.10	
7	2.210	3.356	5200	7.0			11.2	7.2	11.2	7.7								50	0.01			12.5	7.9	0.50	
8	3.247	3.498	6530	6.9	48	53	11.1	7.3	11.2	7.9	13.0	2.7	94	79	0.8	98	23.3	48	0.02			12.3	7.2	0.30	
9	2.733	3.612	5720	6.9			11.5	7.3	11.4	7.7								59	0.01			13.5	6.2	0.05	
10	2.263	3.581	3950						11.6	7.5								44	0.01					0.10	
11	2.105	3.577	3160						11.5	7.7								50	0.00					0.05	
12	1.883	3.497	2790	6.9			11.6	7.2	11.4	8.0								46	0.01			12.3	7.9	0.00	
13	1.750	3.348	2650	7.0	85	81	11.0	7.1	11.3	8.0	12.5	5.6	93	156	1.6	98	44.7	44	0.01		<1	12.9	6.3	0.01	
14	1.614	3.418	2330	7.0			12.1	7.3	11.2	8.0								46	0.00			13.1	5.8	0.01	
15	1.515	3.635	2110	6.9	84	76	11.8	7.1	11.3	7.9	12.2	6.9	91	209	1.0	99	30.3	60	0.00		<1	12.2	5.5	0.01	
16	1.413	3.644	2060	7.2			12.1	7.1	11.4	7.7								60	0.01			11.6	5.1	0.00	
17	1.392	3.636	1990						11.5	7.6								58	0.00					0.00	
18	1.342	3.605	1810						11.5	7.5								52	0.00					0.00	
19	1.281	3.584	1600						11.6	7.0								53	0.00					0.00	
20	1.208	3.496	1470	7.3	110	138	12.2	7.3	11.7	6.9	11.2	7.0	94	204	1.2	99	35	63	0.06			11.1	4.9	0.00	
21	1.179	3.321	1320	7.2			12.1	7.1	11.1	6.5								53	0.06		<1	13.8	4.7	0.00	
22	1.136	3.182	1230	7.1	119	110	12.2	7.1	11.7	6.3	9.9	5.9	95	157	1.3	99	34.5	60	0.01			13.1	5.7	0.00	
23	1.089	3.210	1140	6.6			12.2	7.1	11.9	6.6								59	0.00			13.4	5.5	0.00	
24	1.091	3.256	1050						11.9	6.5								56	0.00					0.30	
25	1.326	3.226	1050						11.9	6.3								53	0.00					0.15	
26	1.192	3.157	950	6.9			11.7	7.0	11.8	6.2								61	0.01			14.6	4.1	0.00	
27	1.203	3.178	859	7.0	113	140	11.7	7.1	12.0	5.7	8.8	3.6	97	95	1.2	99	31.8	64	0.00		<1	15.4	3.3	0.12	
28	1.212	3.169	911	6.9			11.7	7.1	12.0	6.0								67	0.00			14.2	4.6	0.00	
29	1.136	3.177	866	7.0	133	153	11.6	7.1	12.1	5.9		3.2	98	85	1.4	94	37	57	0.01			14.2	4.7	0.00	
30	1.114	2.161	821	6.9			11.7	7.2	11.9	5.8	10.9							38	0.00			14.0	4.2	0.01	
31	1.110	1.260	821						11.8	5.7								24	0.01					0.00	
Total	61.493	99.073																1556						7.03	
MAX	6.794	3.644		7.3	133	153	12.2	7.3			13.9	7.0	98	209	1.6	99	45	67	0.07					2.90	
MIN	1.089	1.260		6.6	48	53	11.0	7.0			8.8	1.9	91	27	0.3	94	4	15	0.00					0.00	
AVG	1.984	3.196	3102	7.0	92	97	11.7	7.2	11.6	6.9	11.7	4.3	95	119	1.1	98	29	50	0.01		<1	13.2	5.7	0.23	
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