MOLALLA WASTEWATER TREATMENT PLANT DISCHARGE MONITORING REPORT — RECEIVING WATERS: MOLALLA RIVER — MONTH: December 2008

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	Max Temp	Min DO	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	0.944	1.364	469	7.0			15.8		10.1	10.73								17	0.01			12.0	8.7	0.40	
2	1.066	1.325	480	7.1	202	148	15.5	7.3	10.3	10.69		3.6	98	39.8	0.6	99	6.6	15	0.01		<1	11.9	9.4	0.10	
3	0.973	1.348	770	7.0			15.5	7.4	10.4	10.70	14.8							18	0.02			12.3	8.8	0.00	
4	0.917	1.517	661	6.9	193	188	15.5		10.4	10.71		5.6	97	70.8	0.5	99	6.3	20	0.01			12.8	7.0	0.00	
5	0.875	1.454	586	7.2			15.3	7.4	10.0	10.83	14.5							15	0.01			13.3	6.0	0.00	
6	0.896	1.451	528						9.6	10.93								13	0.01					0.02	
7	0.965	1.457	485						9.3	10.96								15	0.00					0.30	
8	0.965	1.430	617	6.8			15.2	7.1	9.2	10.99								22	0.00			12.7	7.5	0.00	
9	0.887	1.429	557	7.4	182	215	16.7	7.2	9.1	11.10	15.3	7.6	96	90.6	0.6	99	7.2	18	0.01		<1	13.3	6.2	0.10	
10	0.870	1.484	523	7.4			16.6	7.1	8.7	11.22								19	0.02			13.2	6.7	0.00	
11	0.851	1.427	485	7.7	214	183	16.8	7.1	8.7	11.19	15.1	5.7	97	67.8	1.0	99	11.9	18	0.02			13.2	6.6	0.00	
12	0.956	1.394	469	7.1			16.5		8.7	11.05								26	0.02			13.1	5.8	0.35	
13	1.126	1.352	635						8.3	11.05								14	0.06					0.20	
14	1.141	1.344	574						7.6	11.28								24	0.00					0.02	
15	1.067	1.395	512	6.7			14.4		7.0	11.52								11	0.02			12.6	1.5	0.00	
16	0.960	1.296	405	6.8	163	155	14.3	7.1	6.0	10.31	16.4	2.5	98	27	0.6	99	7.6	23	0.03		<1	14.7	0.7	0.00	
17	1.004	1.307	405	7.7			14.9	7.5	5.3	11.62								18	0.00			15.1	0.9	0.04	
18	1.414	1.538	523	7.7	107	118	13.7	7.2	4.7	11.69	16.3	2.4	98	30.8	0.6	99	7.7	20	0.00			15.2	1.7	0.16	
19	1.228	1.522	490	7.2			13.7		4.6	11.82								24	0.00			15.5	2.5	0.04	
20	1.395	1.449	469						4.2	12.05								20	0.00					0.20	
21	2.180	1.544	557						4.2	12.05								20	0.00					0.04	
22	1.860	1.258	1080	7.2				7.5	3.9	12.05								11	0.01					0.23	Plant Shut Down 1900. End River Disch.
23	1.614				114	81	12.6															13.9	3.5	0.23	
24	2.079			7.1			12.6																	0.24	
25	2.664				60	71																		0.24	
26	2.336			7.2			12.7															13.2	4.2	0.40	
27	2.404																							0.20	
28	2.202																							0.40	
29	3.033			7.2			11.8															13.1	6.5	0.80	
30	2.456	0.260	4380	7.2	96	106	12.0		7.7	10.60								7	0.05			13.0	6.5	0.30	Plant Start 1200. Filling FM. River Disch 7PM
31	2.303	1.576	2990	7.1			11.5	7.5	6.0	11.27	15.8							23	0.02			13.1	6.8	0.20	
Total	45.631	32.921																431						5.21	
MAX	3.033	1.576		7.7	214	215	16.8	7.5			16.4	7.6	98	91	1.0	99	12	26	0.06					0.80	
MIN	0.851	0.260		6.7	60	71	11.5	7.1			14.5	2.4	96	27	0.5	99	6	7	0.00					0.00	
AVG	1.472	1.372	819	7.2	148	141	14.5	7.3	7.7	11.18	15.5	4.6	97	54	0.7	99	8	18	0.01		<1	13.4	5.4	0.17	
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

During this reporting period did all monitoring data & sampling frequencies meet permit requirments & limits (if "no", explain)? YES NO

During this reporting period were there unanticipated bypasses or upsets which exceeded any effluent limits (if "yes", explain)? NO YES

During this reporting period was there any collections system overflows (if "yes" explain)? NO YES