MOLALLA WASTEWATER TREATMENT PLANT DISCHARGE MONITORING REPORT — RECEIVING WATERS: MOLALLA RIVER — MONTH: April 2007

CITY OF MOLALLA — CLACKAMAS COUNTY OREGON — PERMIT #101514 — FILE #57613 — TREATMENT SYS. CLASS III — REMARKS

POPULATION 6830 — 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	1.420	1.477	1310						14.2	12.20								15	0.03					0.02	
2	1.305	1.512	1180	6.8			13.3	7.3	14.0	11.73								12	0.03			12.4	7.6	0.00	
3	1.225	1.658	1050	6.8	109	191	13.6	7.0	14.0	11.82	8.6	7.8	93	108	8.4	96	116	12	0.04		<2	12.8	6.9	0.00	
4	1.182	1.598	966	6.9			13.9	7.1	13.9	11.82								15	0.05			12.1	10.7	0.00	
5	1.158	1.542	874	6.6	123	120	13.8	6.8	14.0	11.95	8.0	9.0	93	116	8.5	93	109	16	0.07			11.9	11.2	0.00	
6	1.110	1.561	813	6.6			13.6	6.8	14.2	12.45								17	0.05			11.7	11.7	0.35	
7	1.416	1.518	828						14.3	12.48								14	0.10					0.01	
8	1.387	1.593	966						14.8	12.39								13	0.14					0.50	
9	1.652	1.613	1080	6.4			14.1	6.7	15.5	12.03								13	0.02			13.0	10.0	0.30	
10	1.538	1.549	1380	6.5	106	88	13.9	7.0	15.6	12.28	9.3	14.5	86	187	2.5	97	32	13	0.01		<1	12.3	8.7	0.00	Ecoli test now with IDEXX Quanti-Tray
11	1.434	1.643	1250	6.7			14.0	6.9	15.6	12.31								15	0.01			12.6	7.8	0.10	
12	1.326	1.617	1210	7.1	117	109	14.4	7.2	15.6	12.40	8.2	8.0	93	108	5.2	95	69	13	0.01		<1	12.0	7.8	0.00	
13	1.230	1.266	1100	7.2			13.9	7.0	14.8	12.82								13	0.01			11.4	9.5	0.20	
14	1.488	1.453	1060						14.9	12.95								16	0.01					0.20	
15	1.392	1.668	1180						15.1	13.14								14	0.01					0.00	
16	1.303	1.576	1090	6.9			14.2	7.1	15.0	12.78								16	0.01			12.7	7.7	0.02	
17	1.336	1.576	1090	7.2	128	102	14.2	7.3	15.0	12.84	9.5	7.8	94	103	6.8	93	89	13	0.01		<1	12.2	8.6	0.30	
18	1.317	1.603	1150	6.9			14.4	7.1	14.9	13.12								14	0.01			12.9	8.6	0.25	
19	1.366	1.477	1170	7.0	105	104	13.9	7.1	14.9	13.21	9.2	7.4	93	91	7.5	93	92	12	0.01		<1	12.7	8.8	0.00	
20	1.266	1.601	1110	6.9			13.9	7.1	14.8	13.47								16	0.05			13.1	9.0	0.00	
21	1.412	1.671	1020						14.8	13.53								12	0.06					0.30	
22	1.450	1.660	1180						14.9	13.71								11	0.00					0.05	
23	1.280	1.080	1080	6.9			14.2	7.0	15.2	12.06								9	0.00			11.5	11.1	0.00	plant shutdown 1600
24	1.213	0.627	974				14.6		15.4	12.00								7	0.00			11.5	10.1	0.00	plant startup river discharge 1230
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Total	32.206	36.139																321						2.60	
MAX	1.652	1.671		7.2	128	191	14.6	7.3			9.5	14.5	94	187	8.5	97	116	17	0.14					0.50	
MIN	1.110	0.627		6.4	105	88	13.3	6.7			8.0	7.4	86	91	2.5	93	32	7	0.00					0.00	
AVG	1.342	1.506	1088	6.8	115	119	14.0	7.0	14.8	12.56	8.8	9.1	92	119	6.5	95	85	13	0.03	#####	#NUM!	12.3	9.2	0.11	
PERMIT STAND								6-9				10mg/L	85%	160 lbs/day	10mg/L	85%	160 lbs/day		0.07mg/L Mo/Ave		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)?

During this reporting period were there unanticipated bypasses or upsets which exceeded any effluent limits (if "yes", explain)?

During this reporting period was there any collections system overflows (if "yes" explain)?