MOLALLA WASTEWATER TREATMENT PLANT DISCHARGE MONITORING REPORT — RECEIVING WATERS: MOLALLA RIVER — MONTH: December 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 | 1.822 | 2.114 | 799 | | | | | | 7.7 | 12.01 | | | | | | | | 10 | 0.02 | | | | | 0.24 |
| 2 | 2.482 | 2.127 | 911 | | | | | | 7.5 | 12.04 | | | | | | | | 10 | 0.02 | | | | | 1.10 |
| 3 | 4.297 | 2.557 | 5720 | | | | 13.2 | | 8.1 | 12.00 | | | | | | | | 14 | 0.01 | | | 12.2 | 8.9 | 1.30 |
| 4 | 3.678 | 2.783 | 9510 | 7.3 | 61 | 60 | 14.9 | 6.7 | 8.9 | 11.70 | 8.4 | 3.6 | 94 | 84 | 3.2 | 95 | 74 | 21 | 0.01 | | <1 | 11.8 | 9.4 | 0.30 |
| 5 | 2.785 | 2.919 | 6230 | 7.0 | | | 13.6 | 7.1 | 9.0 | 11.03 | 6.0 | | | | | | | 16 | 0.02 | | | 12.6 | 8.9 | 0.38 |
| 6 | 3.011 | 3.109 | 4350 | 7.1 | 60 | 60 | 13.5 | 7.0 | 9.1 | 10.13 | 7.0 | 4.7 | 92 | 122 | 2.9 | 95 | 75 | 19 | 0.02 | | <1 | 12.5 | 9.0 | 0.30 |
| 7 | 2.823 | 3.286 | 3530 | 7.3 | | | 13.5 | 7.1 | 9.2 | 10.16 | | | | | | | | 17 | 0.03 | | | 12.6 | 8.0 | 0.25 |
| 8 | 2.412 | 3.243 | 2630 | | | | | | 9.0 | 10.50 | | | | | | | | 14 | 0.02 | | | | | 0.00 |
| 9 | 2.074 | 3.262 | 2090 | | | | | | 8.7 | 10.60 | | | | | | | | 13 | 0.02 | | | | | 0.05 |
| 10 | 1.850 | 3.139 | 1720 | 7.5 | | | 13.9 | | 8.3 | 10.54 | | | | | | | | 15 | 0.01 | | | 12.9 | 6.6 | 0.02 |
| 11 | 1.698 | 1.281 | 1450 | 7.6 | | 113 | 13.8 | | 8.1 | 9.50 | | | | | 3.4 | 97 | 36 | 7 | 0.04 | | | 13.1 | 5.3 | 0.00 |
| 12 | 1.526 | 1.697 | 1250 | 7.5 | | | 14.0 | 7.0 | 8.7 | 9.10 | 6.7 | | | | | | | 10 | 0.04 | | | 13.5 | 6.7 | 0.00 |
| 13 | | | | 7.1 | | | 15.2 | 7.3 | | | 6.6 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | |
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| Total | 30.458 | 31.517 | | | | | | | | | | | | | | | | 166 | | | | | | 3.94 |
| MAX | 4.297 | 3.286 | | 7.6 | 61 | 113 | 15.2 | 7.3 | | | 8.4 | 4.7 | 94 | 122 | 3.4 | 97 | 75 | 21 | 0.04 | | | | | 1.30 |
| MIN | 1.526 | 1.281 | | 7.0 | 60 | 60 | 13.2 | 6.7 | | | 6.0 | 3.6 | 92 | 84 | 2.9 | 95 | 36 | 7 | 0.01 | | | | | 0.00 |
| AVG | 2.538 | 2.626 | 3349 | 7.3 | 61 | 78 | 14.0 | 7.0 | 8.5 | 10.78 | 6.9 | 4.2 | 93 | 103 | 3.2 | 96 | 62 | 14 | 0.02 | #DIV/0! | #NUM! | 12.7 | 7.9 | 0.33 |
| PERMIT STAND | | | | | | | | 6-9 | | | | 10mg/L Mo/Ave | 80% Mo/Ave | 160 lbs/day | 10mg/L Mo/Ave | 80% Mo/Ave | 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)? 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