

APPENDIX D

**WWTP DISCHARGE MONITORING
REPORTS FROM 2009-2013**

CITY OF WOODLAND WWTPL MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | FECAL #/100ml | FECAL GEN:7 | FECAL #/100ml | FECAL GEN:7 | AMMONIA NITR. LBS/DAY | COMMENTS |
|----------|----------------|----------|-------------|---------------|----------------|----------|-------------|--------------|---------------|-------------|---------------|-------------|-----------------------|----------|
| | BOD MG/L | TSS MG/L | TSS LBS/DAY | % BOD REMOVAL | BOD MG/L | TSS MG/L | TSS LBS/DAY | % TSS REMOVE | | | | | | |
| 01/01/09 | 0.776 | 0.590 | 0.534 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/02/09 | 0.590 | 0.534 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/03/09 | 0.534 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/04/09 | 0.618 | 0.517 | 0.653 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/05/09 | 0.801 | 0.653 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/06/09 | 0.601 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/07/09 | 0.694 | 0.517 | 0.653 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/08/09 | 0.596 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/09/09 | 0.533 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/10/09 | 0.564 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/11/09 | 0.605 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/12/09 | 0.562 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/13/09 | 0.540 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/14/09 | 0.516 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/15/09 | 0.509 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/16/09 | 0.442 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/17/09 | 0.520 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/18/09 | 0.526 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/19/09 | 0.512 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/20/09 | 0.498 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/21/09 | 0.498 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/22/09 | 0.513 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/23/09 | 0.499 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/24/09 | 0.501 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/25/09 | 0.507 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/26/09 | 0.467 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/27/09 | 0.558 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/28/09 | 0.526 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/29/09 | 0.512 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/30/09 | 0.479 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| 01/31/09 | 0.504 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| TOTAL | 16.879 | 16.264 | 16.264 | 324 | 324 | 324 | 198 | 198 | 198 | 198 | 198 | 198 | 0.63 | |
| MIN | 0.442 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| AVG | 0.544 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| MAX | 0.776 | 0.590 | 0.534 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | 0.481 | |
| AVG | 2.0 MOD | 3.107 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | |
| PERMIT | AVG | 3.107 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | 3.160 | |
| LIMITS | AVG | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN

CERTIFICATION IV

SIGNATURE



CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|---------|---------|-------------|---------|---------|--------------|----------------|----------------|---------|----------------|--------------|----------------|----------------|-------|--------------|-------------|-------------|-----------------|--|----------|
| | INF MGD | BOO MGL | TSS MGL | TSS LBS/DAY | EFF MGD | BOO MGL | % BOO REMOV. | LBS BOO/DISCH. | LBS BOO/DISCH. | TSS MGL | TSS MGL | % TSS REMOVE | LBS TSS/DISCH. | LBS TSS/DISCH. | PH | FEDAL #100ml | FEDAL GEN#7 | AMMONIA MGL | AMMONIA LBS/DAY | | |
| 02/01/08 | 0.519 | | | | 0.478 | | | | | | | | | | 7.1 | | | | | | |
| 02/02/08 | 0.524 | | | | 0.496 | | | | | | | | | | 7.0 | | | | | | |
| 02/03/08 | 0.516 | 400 | 670 | 2883 | 0.488 | 9.3 | 98% | 38 | 5.0 | 4.2 | 99% | 20 | 20 | 7.0 | 40.0 | | 0.03 | 0.12 | | | |
| 02/04/08 | 0.507 | 333 | 1408 | 1522 | 0.483 | 4.9 | 89% | 20 | 2.0 | 4.2 | 99% | 8 | 17 | 7.0 | 29.0 | 34 | | | | | |
| 02/05/08 | 0.522 | 284 | 1148 | 125 | 0.490 | 5.6 | 98% | 23 | 5.5 | | 95% | 22 | | 7.1 | | | | | | | |
| 02/06/08 | 0.494 | | | | 0.502 | | | | | | | | | 7.1 | | | | | | | |
| 02/07/08 | 0.459 | | | | 0.446 | | | | | | | | | 7.1 | | | | | | | |
| 02/08/08 | 0.518 | | | | 0.457 | | | | | | | | | 7.1 | | | | | | | |
| 02/09/08 | 0.509 | | | | 0.473 | | | | | | | | | 7.1 | | | | | | | |
| 02/10/08 | 0.537 | 455 | 2038 | 845 | 0.501 | 10.4 | 98% | 43 | 5.5 | | 99% | 23 | | 7.0 | 40.0 | | 0.03 | 0.13 | | | |
| 02/11/08 | 0.510 | 214 | 910 | 165 | 0.485 | 7.1 | 97% | 29 | 2.5 | 4.1 | 98% | 10 | 18 | 7.0 | 61.0 | 49 | | | | | |
| 02/12/08 | 0.510 | 422 | 1795 | 330 | 0.524 | 8.4 | 98% | 37 | 4.5 | | 99% | 20 | | 7.1 | | | | | | | |
| 02/13/08 | 0.484 | | | | 0.430 | | | | | | | | | 7.1 | | | | | | | |
| 02/14/08 | 0.478 | | | | 0.457 | | | | | | | | | 7.2 | | | | | | | |
| 02/15/08 | 0.497 | | | | 0.481 | | | | | | | | | 7.2 | | | | | | | |
| 02/16/08 | 0.517 | | | | 0.483 | | | | | | | | | 7.2 | | | | | | | |
| 02/17/08 | 0.482 | 355 | 1457 | 475 | 0.498 | 9.0 | 97% | 36 | 7 | | 98% | 28 | | 7.1 | 40 | | 0.04 | 0.16 | | | |
| 02/18/08 | 0.483 | 432 | 1740 | 660 | 0.451 | 7.7 | 98% | 28 | 4 | 4.7 | 99% | 15 | 18 | 7.2 | 29 | 34 | | | | | |
| 02/19/08 | 0.487 | 524 | 2128 | 705 | 0.484 | 8.2 | 98% | 32 | 3 | | 99% | 12 | | 7.2 | | | | | | | |
| 02/20/08 | 0.458 | | | | 0.461 | | | | | | | | | 7.2 | | | | | | | |
| 02/21/08 | 0.462 | | | | 0.448 | | | | | | | | | 7.1 | | | | | | | |
| 02/22/08 | 0.502 | | | | 0.452 | | | | | | | | | 7.2 | | | | | | | |
| 02/23/08 | 0.528 | | | | 0.488 | | | | | | | | | 7.2 | | | | | | | |
| 02/24/08 | 0.501 | 594 | 2231 | 500 | 0.490 | 6.7 | 99% | 27 | 3 | | 99% | 12 | | 7.2 | 40 | | 0.03 | 0.12 | | | |
| 02/25/08 | 0.511 | 323 | 1377 | 695 | 0.478 | 6.0 | 99% | 24 | 3 | 3.5 | 99% | 12 | 14 | 7.2 | 37 | 39 | | | | | |
| 02/26/08 | 0.545 | 270 | 1227 | 180 | 0.451 | 7.3 | 97% | 27 | 5 | | 97% | 17 | | 7.2 | | | | | | | |
| 02/27/08 | 0.423 | | | | 0.490 | | | | | | | | | 7.2 | | | | | | | |
| 02/28/08 | 0.437 | | | | 0.431 | | | | | | | | | 7.2 | | | | | | | |
| TOTAL | 13.941 | | | | 13.248 | | | 366 | | | | 200 | | | | | | 0.53 | | | |
| MIN | 0.423 | | | | | | | | | | | | | | 7.0 | | | | | | |
| AVG | 0.488 | 377 | 1658 | 460 | 0.473 | 7.8 | 98.0% | 30 | 4.1 | | 99.1% | 17 | 18.0 | 7.2 | 39 | 49 | 0.03 | 0.13 | | | |
| MAX | 0.545 | 634 | 2231 | 705 | 0.624 | 8.6 | | 36 | 6 | | | | | AVG | GEN#7 | 49 | 0.04 | 0.16 | | | |
| PERMIT | 2.000 | | | | 2.000 | 30 | 98% | 400 | 30 | | 98% | 478 | 790 | 6 | 200 | 400 | | 3.68 | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 6 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 51,335 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | TSS LBS #100M | PH | FECAL #100M | FECAL #100M GENL. | MARCH LIBRARY | COMMENTS |
|----------|----------------|------------|------------|----------------|----------------|------------|------------|----------------|---------------------|-------|----------------|-------------------------|------------------|----------|
| | BOO MGL | TSS MGL | % REMOV | LIBRARY MGL | BOO MGL | TSS MGL | % REMOV | LIBRARY MGL | | | | | | |
| 03/01/09 | 0.518 | | | | 0.481 | | | | 7.2 | | | | | |
| 03/02/09 | 0.488 | | | | 0.467 | | | | 7.2 | | | | | |
| 03/03/09 | 0.468 | 536 | 2231 | 620 | 2580 | | | | 7.1 | 35.0 | | 0.03 | 0.12 | |
| 03/04/09 | 0.478 | 213 | 849 | 370 | 1475 | 4.9 | 9.3 | 96% | 13 | 19 | 7.2 | 36.0 | 37 | |
| 03/05/09 | 0.464 | 343 | 1385 | 335 | 1352 | 4.65 | 18.4 | 97% | 39 | | | | | |
| 03/06/09 | 0.452 | | | | 0.458 | | | | 7.1 | | | | | |
| 03/07/09 | 0.464 | | | | 0.409 | | | | 7.4 | | | | | |
| 03/08/09 | 0.511 | | | | 0.478 | | | | 7.1 | | | | | |
| 03/09/09 | 0.525 | | | | 0.480 | | | | 7.2 | | | | | |
| 03/10/09 | 0.467 | 534 | 2169 | 350 | 1422 | 0.467 | 6.4 | 96% | 12 | 7.2 | 38.0 | | 0.03 | 0.12 |
| 03/11/09 | 0.480 | 215 | 870 | 165 | 674 | 0.469 | 6.1 | 97% | 24 | 7.2 | 84.0 | 47 | | |
| 03/12/09 | 0.485 | 398 | 1610 | 690 | 2348 | 0.467 | 5.8 | 96% | 22 | 7.2 | | | | |
| 03/13/09 | 0.477 | | | | 0.448 | | | | 7.1 | | | | | |
| 03/14/09 | 0.495 | | | | 0.439 | | | | 7.1 | | | | | |
| 03/15/09 | 0.501 | | | | 0.455 | | | | 7.0 | | | | | |
| 03/16/09 | 0.504 | | | | 0.448 | | | | 7.0 | | | | | |
| 03/17/09 | 0.507 | 167 | 708 | 105 | 444 | 0.481 | 11.8 | 93% | 47 | 7.0 | 43 | | 0.03 | 0.12 |
| 03/18/09 | 0.490 | 429 | 1793 | 650 | 2658 | 0.462 | 10.0 | 10.2 | 96% | 27 | 32 | 7.1 | 33 | 38 |
| 03/19/09 | 0.509 | 258 | 1085 | 470 | 1885 | 0.480 | 8.8 | 97% | 35 | 7.1 | | | | |
| 03/20/09 | 0.467 | | | | 0.468 | | | | 7.0 | | | | | |
| 03/21/09 | 0.481 | | | | 0.448 | | | | 7.0 | | | | | |
| 03/22/09 | 0.467 | | | | 0.450 | | | | 7.0 | | | | | |
| 03/23/09 | 0.561 | | | | 0.488 | | | | 7.0 | | | | | |
| 03/24/09 | 0.515 | 424 | 1821 | 655 | 2813 | 0.471 | 10.5 | 96% | 41 | 7.0 | 28 | | 0.04 | 0.18 |
| 03/25/09 | 0.629 | 182 | 803 | 136 | 598 | 0.481 | 9.7 | 8.0 | 96% | 20 | 19 | 7.0 | 36 | 32 |
| 03/26/09 | 0.462 | 163 | 655 | 180 | 764 | 0.444 | 8.9 | 96% | 25 | 7.1 | | | | |
| 03/27/09 | 0.475 | | | | 0.469 | | | | 7.1 | | | | | |
| 03/28/09 | 0.535 | | | | 0.502 | | | | 7.4 | | | | | |
| 03/29/09 | 0.511 | | | | 0.488 | | | | 7.2 | | | | | |
| 03/30/09 | 0.462 | | | | 0.416 | | | | 7.2 | | | | | |
| 03/31/09 | 0.471 | | | | 0.438 | | | | 7.2 | | | | | |
| TOTAL | 16,288 | | | | 14,339 | | | | 487 | | 249 | | | 0.82 |
| MIN | 0.417 | | | | | | | | | | | | | |
| AVG | 0.483 | 322 | 1330 | 385 | 1693 | 0.482 | 8.7 | 97.3% | 34 | | 39 | | 0.05 | 0.13 |
| MAX | 0.661 | 638 | 2251 | 663 | 2513 | 0.602 | | | | | 47 | | 0.04 | 0.18 |
| PERCENT | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 | 3.107 |
| LIMITS | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 6 years.)

MARK MORGAN

CERTIFICATION IV

SIGNATURE



CITY OF WOODLAND WMTWP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | POINT INCIDENT | | | | POINT EFFLUENT | | | | | | | | | | | | COMMENTS | | | |
|----------|----------------|------------|---------------|---------------|----------------|-------------------|-----------------------|---------------------|-------------------|------------|------------|----------------|---------------------|-------------------|------|------------------|----------|----------------|----------------|-------------------|
| | BOD MGL | TSS MGL | TSS LBRDAY | TSS LBRDAY | BOD AVG | % BOD REMOV | BOD REMOV DISCH | LBS BOD DISCH | LBS BOD AVG | TSS MGL | TSS MGL | % TSS REMOV | LBS TSS DISCH | LBS TSS AVG | PH | FECAL #/100ml | | FECAL GEN.7 | AMMONIA MGL | AMMONIA LBRDAY |
| 04/01/09 | 0.548 | 534 | 2441 | 675 | 3085 | 0.500 | 99% | 15 | 2.0 | 2.0 | 100% | 8 | 8 | 7.2 | 35.0 | 0.03 | 0.13 | | | |
| 04/02/09 | 0.532 | 148 | 657 | 140 | 621 | 0.501 | 98% | 12 | 13 | 2.0 | 98% | 8 | 8 | 7.0 | 74.0 | 51 | | | | |
| 04/03/09 | 0.496 | | | | | 0.464 | | | | | | | | 7.0 | | | | | | |
| 04/04/09 | 0.480 | | | | | 0.465 | | | | | | | | 7.1 | | | | | | |
| 04/05/09 | 0.490 | | | | | 0.439 | | | | | | | | 7.0 | | | | | | |
| 04/06/09 | 0.483 | | | | | 0.444 | | | | | | | | 7.1 | | | | | | |
| 04/07/09 | 0.489 | 252 | 986 | 540 | 2112 | 0.445 | 98% | 10 | 1.5 | 1.5 | 100% | 6 | 6 | 7.1 | 40.0 | 0.04 | 0.15 | | | |
| 04/08/09 | 0.489 | 354 | 1306 | 595 | 2327 | 0.444 | 99% | 12 | 11 | 1.0 | 100% | 4 | 6 | 7.1 | 31.0 | 35 | | | | |
| 04/09/09 | 0.482 | 535 | 2151 | 850 | 2813 | 0.451 | 98% | 11 | 2.5 | 2.5 | 100% | 9 | 9 | 7.1 | | | | | | |
| 04/10/09 | 0.412 | | | | | 0.430 | | | | | | | | 7.1 | | | | | | |
| 04/11/09 | 0.428 | | | | | 0.417 | | | | | | | | 7.1 | | | | | | |
| 04/12/09 | 0.521 | | | | | 0.488 | | | | | | | | 7.1 | | | | | | |
| 04/13/09 | 0.486 | | | | | 0.474 | | | | | | | | 7.0 | | | | | | |
| 04/14/09 | 0.478 | 211 | 838 | 110 | 437 | 0.458 | 98% | 13 | 4.0 | 4.0 | 98% | 15 | 15 | 7.1 | 41 | 0.03 | 0.11 | | | |
| 04/15/09 | 0.459 | 265 | 1014 | 170 | 651 | 0.452 | 98% | 18 | 15 | 3.0 | 98% | 11 | 11 | 7.1 | 78 | 80 | | | | |
| 04/16/09 | 0.474 | 380 | 1423 | 420 | 1680 | 0.435 | 98% | 13 | 2.0 | 2.0 | 100% | 7 | 7 | 7.0 | | | | | | |
| 04/17/09 | 0.467 | | | | | 0.478 | | | | | | | | 7.0 | | | | | | |
| 04/18/09 | 0.431 | | | | | 0.427 | | | | | | | | 7.1 | | | | | | |
| 04/19/09 | 0.477 | | | | | 0.436 | | | | | | | | 6.9 | | | | | | |
| 04/20/09 | 0.483 | | | | | 0.451 | | | | | | | | 7.0 | | | | | | |
| 04/21/09 | 0.471 | 349 | 1371 | 585 | 2296 | 0.467 | 98% | 19 | 4.5 | 5.1 | 98% | 17 | 20 | 7.0 | 40 | 0.03 | 0.11 | | | |
| 04/22/09 | 0.475 | 453 | 1785 | 690 | 2783 | 0.460 | 98% | 19 | 19 | 4.0 | 98% | 15 | 20 | 7.0 | 35 | 37 | | | | |
| 04/23/09 | 0.515 | 247 | 1061 | 260 | 1117 | 0.475 | 98% | 20 | 7.0 | 7.0 | 97% | 26 | 26 | 7.1 | | | | | | |
| 04/24/09 | 0.454 | | | | | 0.448 | | | | | | | | 7.1 | | | | | | |
| 04/25/09 | 0.448 | | | | | 0.430 | | | | | | | | 7.0 | | | | | | |
| 04/26/09 | 0.495 | | | | | 0.441 | | | | | | | | 7.0 | | | | | | |
| 04/27/09 | 0.475 | | | | | 0.442 | | | | | | | | 7.1 | | | | | | |
| 04/28/09 | 0.501 | 267 | 1139 | 480 | 2006 | 0.481 | 97% | 37 | 8.5 | 7.1 | 98% | 28 | 28 | 7.2 | 31 | 0.04 | 0.16 | | | |
| 04/29/09 | 0.474 | 205 | 810 | 170 | 672 | 0.466 | 98% | 30 | 31 | 7.5 | 98% | 29 | 28 | 7.2 | 36 | 33 | | | | |
| 04/30/09 | 0.449 | 215 | 805 | 185 | 853 | 0.448 | 87% | 28 | 7.5 | 7.5 | 98% | 28 | 28 | 7.2 | | | | | | |
| TOTAL | 14.340 | | | | | 13.623 | | 266 | | | | 213 | | | | | | | 0.88 | |
| MIN | 0.412 | | | | | | | | | | | | | 6.9 | | | | | | |
| AVG | 0.478 | 314 | 1276 | 408 | 1645 | 0.454 | 98.5% | 18 | 3.9 | 3.9 | 98.0% | 16 | | | 42 | | 0.03 | 0.13 | | |
| MAX | 0.648 | 535 | 2441 | 690 | 3086 | 0.501 | | 31 | 7 | 7 | | 23.0 | 23.0 | 7.2 | 60 | 60 | 0.04 | 0.16 | | |
| AVG. | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.0 MGD | | | | | 3.0 MGD | | | | | | | | | | | | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | | |
|----------|----------------|-------------|-------------|----------------|----------------|-------------|------------|------------|--------------|------------|------------|-------------|-------------|------------|----------|--------------|------------|------------|-----|------------------|----------------|-----------------|
| | INF MG/L | BOD MG/L | TSS MG/L | TSS LIBRARY | EFF MG/L | BOD MG/L | BOD AVG | % REMOV | BOD DISCH | LBS BOD | LBS BOD | TSS MG/L | TSS MG/L | % REMOV | | TSS DISCH | LBS TSS | LBS TSS | PH | FECAL #/100ml | FECAL GEN/7 | AMMONIA MG/L |
| 05/01/09 | 0.451 | | | | 0.444 | | | | | | | | | | | | | 7.2 | | | | |
| 05/02/09 | 0.476 | | | | 0.470 | | | | | | | | | | | | | 7.1 | | | | |
| 05/03/09 | 0.463 | | | | 0.449 | | | | | | | | | | | | | 7.2 | | | | |
| 05/04/09 | 0.527 | | | | 0.505 | | | | | | | | | | | | | 7.1 | | | | |
| 05/05/09 | 0.490 | 253 | 1034 | 255 | 0.460 | 7.4 | 97% | 28 | 28 | 28 | 7.5 | 7.5 | 97% | 29 | 29 | 29 | 7.0 | 64.0 | | 0.03 | 0.12 | |
| 05/06/09 | 0.318 | 287 | 1240 | 585 | 0.481 | 5.3 | 98% | 22 | 25 | 25 | 7.5 | 7.2 | 99% | 31 | 29 | 29 | 7.0 | 58.0 | 61 | | | |
| 05/07/09 | 0.499 | 372 | 1548 | 615 | 0.472 | 6.3 | 98% | 25 | 25 | 25 | 6.5 | 6.5 | 99% | 28 | 28 | 28 | 7.1 | | | | | |
| 05/08/09 | 0.444 | | | | 0.454 | | | | | | | | | | | | | 7.1 | | | | |
| 05/09/09 | 0.440 | | | | 0.434 | | | | | | | | | | | | | 7.2 | | | | |
| 05/10/09 | 0.477 | | | | 0.433 | | | | | | | | | | | | | 7.4 | | | | |
| 05/11/09 | 0.493 | | | | 0.474 | | | | | | | | | | | | | 7.1 | | | | |
| 05/12/09 | 0.466 | 498 | 2060 | 775 | 0.472 | 12.2 | 98% | 48 | 48 | 48 | 8.0 | 8.0 | 99% | 31 | 31 | 31 | 7.2 | 74.0 | | 0.04 | 0.18 | |
| 05/13/09 | 0.525 | 336 | 1471 | 535 | 0.488 | 10.8 | 97% | 45 | 52 | 52 | 11.5 | 11.5 | 98% | 48 | 48 | 48 | 7.1 | 86 | 80 | | | |
| 05/14/09 | 0.468 | 315 | 1308 | 465 | 0.471 | 15.9 | 95% | 62 | 62 | 62 | 15.0 | 15.0 | 97% | 59 | 59 | 59 | 7.1 | | | | | |
| 05/15/09 | 0.444 | | | | 0.448 | | | | | | | | | | | | | 7.2 | | | | |
| 05/16/09 | 0.412 | | | | 0.401 | | | | | | | | | | | | | 7.0 | | | | |
| 05/17/09 | 0.462 | | | | 0.401 | | | | | | | | | | | | | 7.1 | | | | |
| 05/18/09 | 0.502 | | | | 0.444 | | | | | | | | | | | | | 7.2 | | | | |
| 05/19/09 | 0.541 | 321 | 1448 | 595 | 0.498 | 29.7 | 91% | 123 | 123 | 123 | 30.0 | 30.0 | 95% | 125 | 125 | 125 | 7.2 | 94 | | 0.03 | 0.12 | |
| 05/20/09 | 0.497 | 348 | 1434 | 700 | 0.447 | 7.7 | 14.5 | 98% | 29 | 59 | 19.0 | 19.1 | 98% | 71 | 77 | 72 | 7.2 | 108 | 100 | | | |
| 05/21/09 | 0.507 | 208 | 880 | 200 | 0.480 | 8.1 | 97% | 24 | 24 | 24 | 8.5 | 8.5 | 98% | 34 | 34 | 34 | 7.2 | | | | | |
| 05/22/09 | 0.456 | | | | 0.451 | | | | | | | | | | | | | 7.2 | | | | |
| 05/23/09 | 0.414 | | | | 0.412 | | | | | | | | | | | | | 7.2 | | | | |
| 05/24/09 | 0.481 | | | | 0.383 | | | | | | | | | | | | | 7.2 | | | | |
| 05/25/09 | 0.463 | | | | 0.425 | | | | | | | | | | | | | 7.2 | | | | |
| 05/26/09 | 0.463 | 371 | 1433 | 750 | 0.451 | 3.9 | 99% | 15 | 15 | 15 | 2.0 | 2.0 | 100% | 8 | 8 | 8 | 7.1 | 84 | | 0.03 | 0.11 | |
| 05/27/09 | 0.456 | 315 | 1188 | 210 | 0.446 | 10.6 | 97% | 39 | 22 | 39 | 3.0 | 2.3 | 99% | 11 | 9 | 9 | 7.2 | 90 | 87 | | | |
| 05/28/09 | 0.461 | 357 | 1373 | 410 | 0.453 | 3.1 | 98% | 12 | 12 | 12 | 2.0 | 2.0 | 100% | 8 | 8 | 8 | 7.2 | | | | | |
| 05/29/09 | 0.456 | | | | 0.460 | | | | | | | | | | | | | 7.1 | | | | |
| 05/30/09 | 0.452 | | | | 0.436 | | | | | | | | | | | | | 6.9 | | | | |
| 05/31/09 | 0.512 | | | | 0.477 | | | | | | | | | | | | | 7.1 | | | | |
| TOTAL | 14,826 | | | | 14,941 | | | | 473 | 473 | | | | 473 | 473 | 473 | | 7.1 | | | 0.51 | |
| MIN | 0.412 | | | | | | | | | | | | | | | | | 6.9 | | | | |
| AVG | 0.478 | 332 | 1369 | 616 | 0.463 | 9.9 | 97.0% | 39 | 39 | 39 | 10.0 | 9.8 | 98.1% | 40 | 40 | 40 | 7.1 | 81 | | 0.03 | 0.13 | |
| MAX | 0.541 | 498 | 2060 | 780 | 0.505 | | | | 59 | 59 | | 19 | | | 77.0 | 74 | 7.4 | 100 | 100 | 0.04 | 0.18 | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| PERMIT | 20 mg/l | 3107 | | | 30 | 30 | 85% | 468 | 700 | 700 | 30 | 30 | 85% | 473 | 700 | 700 | 6 | 200 | 400 | 366 | lbs | |
| LIMITS | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |

I certify under penalty of law that I have personally examined the information submitted herein, and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 RI

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|--------------|-----------|----------|----------|-------------------------|--|
| | PH | DO | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 05/01/09 | 6.8 | 0.8 | 7.0 | 1.0 | | | 7.1 | 0.9 | 19 | | | | 0.00 | 72 | 41 | 54000 | |
| 05/02/09 | 6.8 | 1.0 | 7.0 | 1.2 | | | 7.0 | 4.8 | 13 | | | | 0.46 | 64 | 48 | 0 | |
| 05/03/09 | 6.8 | 0.9 | 7.0 | 1.0 | | | 7.0 | 1.9 | 15 | | | | 0.02 | 63 | 42 | 0 | |
| 05/04/09 | 6.7 | 0.6 | 7.1 | 0.8 | | | 6.8 | 1.0 | 16 | 0.68 | | | 0.69 | 57 | 46 | 0 | |
| 05/05/09 | 6.7 | 0.6 | 7.1 | 0.9 | | | 6.8 | 0.7 | 17 | | | | 0.05 | 62 | 50 | 0 | |
| 05/06/09 | 6.8 | 0.5 | 7.1 | 1.2 | | | 6.8 | 0.7 | 17 | | | | 0.34 | 62 | 49 | 0 | |
| 05/07/09 | 6.8 | 0.6 | 7.1 | 0.8 | | | 6.8 | 0.6 | 17 | | | | 0.19 | 58 | 43 | 0 | |
| 05/08/09 | 6.8 | 0.6 | 7.0 | 0.8 | | | 7.0 | 0.5 | 18 | | | | 0.01 | 60 | 38 | 0 | |
| 05/09/09 | 6.8 | 0.6 | 7.4 | 0.8 | | | 7.0 | 1.4 | 18 | | | | 0.00 | 69 | 38 | 0 | |
| 05/10/09 | 6.8 | 1.4 | 7.5 | 1.0 | | | 7.2 | 1.1 | 19 | | | | 0.02 | 61 | 41 | 0 | |
| 05/11/09 | 6.8 | 0.8 | 7.2 | 0.9 | | | 7.1 | 1.0 | 19 | | | | 0.01 | 64 | 46 | 0 | |
| 05/12/09 | 6.8 | 0.7 | 7.2 | 1.2 | | | 7.1 | 1.1 | 19 | | | | 0.24 | 56 | 41 | 0 | |
| 05/13/09 | 6.7 | 0.8 | 7.1 | 1.0 | | | 7.0 | 0.9 | 19 | | | | 0.32 | 52 | 38 | 0 | |
| 05/14/09 | 7.0 | 0.7 | 7.2 | 1.0 | | | 7.0 | 0.7 | 19 | | | | 0.00 | 61 | 48 | 0 | |
| 05/15/09 | 7.0 | 0.8 | 7.2 | 1.2 | | | 7.0 | 0.8 | 21 | | | | 0.00 | 72 | 41 | 0 | |
| 05/16/09 | 7.0 | 0.7 | 7.1 | 0.9 | | | 7.0 | 0.7 | 21 | | | | 0.00 | 84 | 45 | 0 | |
| 05/17/09 | 7.0 | 0.9 | 7.2 | 0.9 | | | 7.0 | 0.4 | 21 | 1.03 | | | 0.00 | 83 | 47 | 0 | |
| 05/18/09 | 7.0 | 0.6 | 7.2 | 0.9 | | | 7.0 | 0.4 | 21 | | | | 0.18 | 75 | 50 | 0 | |
| 05/19/09 | 6.9 | 0.8 | 7.2 | 0.9 | | | 7.0 | 0.5 | 21 | | | | 0.21 | 58 | 43 | 0 | |
| 05/20/09 | 7.0 | 0.6 | 7.3 | 0.9 | | | 7.0 | 0.4 | 21 | | | | 0.00 | 64 | 43 | 0 | |
| 05/21/09 | 7.0 | 0.6 | 7.4 | 1.0 | | | 7.1 | 0.5 | 22 | | | | 0.00 | 73 | 41 | 0 | |
| 05/22/09 | 7.0 | 0.7 | 7.4 | 0.9 | | | 7.1 | 0.6 | 22 | | | | 0.00 | 73 | 49 | 0 | |
| 05/23/09 | 7.0 | 0.9 | 7.3 | 1.4 | | | 7.1 | 0.5 | 22 | | | | 0.00 | 72 | 47 | 0 | |
| 05/24/09 | 7.0 | 0.9 | 7.3 | 1.0 | | | 7.1 | 0.6 | 23 | | | | 0.00 | 72 | 47 | 0 | |
| 05/25/09 | 7.0 | 1.2 | 7.3 | 1.5 | | | 7.0 | 0.6 | 23 | 1.26 | | | 0.00 | 72 | 45 | 0 | |
| 05/26/09 | 7.0 | 0.4 | 7.4 | 1.6 | | | 7.2 | 0.4 | 22 | | | | 0.00 | 72 | 47 | 0 | |
| 05/27/09 | 6.9 | 0.6 | 7.4 | 1.5 | | | 7.3 | 0.4 | 22 | | | | 0.00 | 76 | 49 | 0 | |
| 05/28/09 | 6.9 | 0.4 | 7.2 | 2.1 | | | 7.2 | 0.4 | 22 | | | | 0.00 | 86 | 47 | 0 | |
| 05/29/09 | 7.0 | 1.4 | 7.2 | 1.5 | | | 7.2 | 0.4 | 22 | | | | 0.00 | 85 | 53 | 0 | |
| 05/30/09 | 7.0 | 2.7 | 7.1 | 0.3 | | | 7.4 | 0.4 | 23 | | | | 0.00 | 86 | 50 | 0 | |
| 05/31/09 | 7.1 | 0.5 | 7.0 | 0.7 | | | 7.3 | 0.5 | 23 | | | | 0.00 | 83 | 52 | 0 | |
| TOTAL | | | | | | | | | | | | | 3 | | | 54000 | |
| MIN | 6.7 | 0.4 | 7.0 | 0.3 | 0.0 | 0.0 | 6.8 | 0.4 | 13 | 0.68 | 0.00 | 0.00 | 0.00 | 52 | 38 | 0 | |
| AVG | 6.9 | 0.8 | 7.2 | 1.1 | ## | ## | 7.1 | 0.8 | 20 | 0.89 | 0.09 | 0.09 | 0.09 | 69 | 45 | 1742 | |
| MAX | 7.1 | 2.7 | 7.5 | 2.1 | 0.0 | 0.0 | 7.4 | 4.8 | 23 | 1.25 | 0.69 | 0.69 | 0.69 | 86 | 53 | 54000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|-------------|---------------|------------|-------------|------------|------------|---------------------|-------------------|-------------|----------------|------------|---------------------|-------------------|-------|--------------------|----------------|-----------------|-------------------|--|----------|
| | BOD MG/L | TSS MG/L | TSS LB/DAY | EFF MGD | BOD MG/L | BOD AVG | % REMOV | LBS BOD DISCH | LBS BOD AVG | TSS MG/L | TSS MG/L | % REMOV | LBS TSS DISCH | LBS TSS AVG | PH | FECAL GEN/100ml | FECAL GEN/7 | AMMONIA MG/L | AMMONIA LB/DAY | | |
| 08/01/09 | 0.477 | | | 0.448 | | | | | | | | | | | | | | | | | |
| 08/02/09 | 0.490 | 525 | 2145 | 0.468 | 6.2 | 99% | 24 | 24 | 10 | 10.0 | 99% | 38 | 38 | 7.1 | | | | | | | |
| 08/03/09 | 0.470 | 351 | 1378 | 0.447 | 4.9 | 99% | 18 | 18 | 8.0 | 10.0 | 99% | 30 | 30 | 7.1 | 95.0 | 0.03 | 0.11 | | | | |
| 08/04/09 | 0.511 | 584 | 2404 | 0.481 | 7.9 | 99% | 32 | 32 | 12.0 | 12.0 | 99% | 48 | 48 | 7.0 | 101.0 | 98 | | | | | |
| 08/05/09 | 0.486 | | | 0.471 | | | | | | | | | | 7.0 | | | | | | | |
| 08/06/09 | 0.429 | | | 0.431 | | | | | | | | | | 7.1 | | | | | | | |
| 08/07/09 | 0.508 | | | 0.453 | | | | | | | | | | 7.1 | | | | | | | |
| 08/08/09 | 0.487 | | | 0.458 | | | | | | | | | | 7.0 | | | | | | | |
| 08/09/09 | 0.464 | 513 | 1985 | 0.464 | 5.2 | 99% | 19 | 19 | 6.0 | 4.3 | 99% | 22 | 22 | 7.0 | | | | | | | |
| 08/10/09 | 0.481 | 273 | 1085 | 0.454 | 3.8 | 99% | 14 | 14 | 4.0 | 4.0 | 99% | 15 | 15 | 7.0 | 94.0 | 0.04 | 0.15 | | | | |
| 08/11/09 | 0.518 | 375 | 1614 | 0.485 | 3.8 | 99% | 15 | 15 | 3.0 | 3.0 | 99% | 12 | 12 | 7.1 | 80.0 | 75 | | | | | |
| 08/12/09 | 0.445 | | | 0.484 | | | | | | | | | | 7.0 | | | | | | | |
| 08/13/09 | 0.419 | | | 0.402 | | | | | | | | | | 7.0 | | | | | | | |
| 08/14/09 | 0.450 | | | 0.413 | | | | | | | | | | 7.0 | | | | | | | |
| 08/15/09 | 0.484 | | | 0.431 | | | | | | | | | | 7.0 | | | | | | | |
| 08/16/09 | 0.425 | 313 | 1109 | 0.418 | 4.3 | 99% | 15 | 15 | 2.5 | 2.5 | 99% | 9 | 9 | 7.0 | | | | | | | |
| 08/17/09 | 0.454 | 246 | 831 | 0.420 | 3.2 | 99% | 11 | 11 | 2.0 | 1.8 | 99% | 7 | 7 | 7.1 | 93 | 0.03 | 0.11 | | | | |
| 08/18/09 | 0.440 | 357 | 1310 | 0.412 | 2.7 | 99% | 9 | 9 | 1.0 | 1.0 | 100% | 3 | 3 | 7.1 | 90 | 81 | | | | | |
| 08/19/09 | 0.475 | | | 0.459 | | | | | | | | | | 7.1 | | | | | | | |
| 08/20/09 | 0.426 | | | 0.417 | | | | | | | | | | 7.1 | | | | | | | |
| 08/21/09 | 0.445 | | | 0.409 | | | | | | | | | | 7.1 | | | | | | | |
| 08/22/09 | 0.449 | | | 0.427 | | | | | | | | | | 7.0 | | | | | | | |
| 08/23/09 | 0.441 | 428 | 1574 | 0.428 | 2.7 | 99% | 10 | 10 | 1.0 | 1.0 | 100% | 4 | 4 | 7.1 | | | | | | | |
| 08/24/09 | 0.439 | 383 | 1402 | 0.418 | 2.2 | 99% | 8 | 8 | 2.0 | 1.3 | 100% | 7 | 7 | 7.0 | 45 | 0.03 | 0.10 | | | | |
| 08/25/09 | 0.478 | 385 | 1535 | 0.432 | 2.5 | 99% | 9 | 9 | 1.0 | 1.0 | 100% | 4 | 4 | 7.0 | 39 | 42 | | | | | |
| 08/26/09 | 0.462 | | | 0.454 | | | | | | | | | | 7.0 | | | | | | | |
| 08/27/09 | 0.394 | | | 0.404 | | | | | | | | | | 7.0 | | | | | | | |
| 08/28/09 | 0.443 | | | 0.399 | | | | | | | | | | 7.0 | | | | | | | |
| 08/29/09 | 0.455 | | | 0.423 | | | | | | | | | | 7.0 | | | | | | | |
| 08/30/09 | 0.473 | | | 0.451 | | | | | | | | | | 7.0 | | 0.03 | 0.11 | | | | |
| TOTAL | 13,798 | | | 13,137 | | | 185 | | | | | 280 | | 7 | | | | 0.88 | | | |
| MIN | 0.394 | | | | | | | | | | | | | 7.0 | | | | | | | |
| AVG | 0.460 | 393 | 1640 | 0.438 | 4.1 | 99.0% | 15 | | 4.4 | | 99.1% | 17 | | 7.0 | 73 | 0.03 | 0.12 | | | | |
| MAX | 0.518 | 684 | 2404 | 0.485 | 6.3 | | 32 | 32 | 10 | 10 | | 48 | 48 | 7.1 | 98 | 0.04 | 0.18 | | | | |
| AVG | | | | | | | | | | | | | | AVG | GM7 | | | | | | |
| PERMIT | 2.0 mgd | | | | 30 | 88% | 488 | 700 | 30 | | 86% | 478 | 700 | 6 | 200 | 400 | | 388 | | | |
| AVG | | | | | | | | | | | | | | AVG | AVW | | | lbs | | | |
| LIMITS | | | | | | | | | | | | | | AVG | MAX | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein, and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN CERTIFICATION IV SIGNATURE 

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | AMMONIA/NITROGEN | | COMMENTS | |
|----------------|---------|---------|-------------|---------|---------|---------|---------------|---------------|---------------|----------------|---------|--------------|---------------|---------------|-----|---------------|-------------|-------------------|---------------------|------------------|-----|----------|--|
| DATE | INF MGD | BOD MGD | TSS LBS/DAY | EFF MGD | BOD MGD | BOD MGD | % BOD REMOVAL | LBS BOD DISCH | LBS BOD DISCH | TSS MGD | TSS MGD | % TSS REMOVE | LBS TSS DISCH | LBS TSS DISCH | PH | FECAL #/100ML | FECAL GEN/7 | FECAL AMMONIA/NO3 | AMMONIA/NO3 LBS/DAY | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 07/01/09 | 0.457 | 272 | 1037 | 4.15 | 1582 | 2.4 | 99% | 9 | 8 | 2.5 | 2.5 | 99% | 9 | 10 | 7.0 | 77.0 | | 0.03 | 0.11 | | | | |
| 07/02/09 | 0.463 | 480 | 1853 | 355 | 1371 | 1.9 | 100% | 7 | 8 | 3.0 | 2.7 | 99% | 11 | 10 | 7.0 | 40.0 | 55 | | | | | | |
| 07/03/09 | 0.412 | | | | 0.395 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/04/09 | 0.379 | | | | 0.378 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/05/09 | 0.406 | | | | 0.387 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/06/09 | 0.461 | | | | 0.444 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/07/09 | 0.430 | 554 | 1987 | 595 | 2134 | 3.7 | 99% | 13 | 13 | 2.0 | | 100% | 7 | 7 | 7.0 | 37.0 | | 0.03 | 0.11 | | | | |
| 07/08/09 | 0.440 | 372 | 1365 | 345 | 1266 | 2.4 | 99% | 9 | 11 | 2.5 | 2.7 | 99% | 9 | 10 | 7.0 | 35.0 | 36 | | | | | | |
| 07/09/09 | 0.471 | 319 | 1253 | 390 | 1532 | 3.0 | 99% | 12 | 12 | 3.5 | | 99% | 14 | 14 | 7.0 | | | | | | | | |
| 07/10/09 | 0.429 | | | | 0.403 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/11/09 | 0.426 | | | | 0.404 | | | | | | | | | | 7.1 | | | | | | | | |
| 07/12/09 | 0.491 | | | | 0.442 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/13/09 | 0.476 | | | | 0.456 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/14/09 | 0.464 | 301 | 1165 | 350 | 1354 | 3.5 | 99% | 13 | 13 | 2.0 | | 99% | 7 | 7 | 7.0 | 43 | | 0.03 | 0.11 | | | | |
| 07/15/09 | 0.431 | 354 | 1272 | 340 | 1222 | 2.8 | 99% | 10 | 11 | 3.5 | 2.8 | 99% | 12 | 10 | 7.0 | 40 | 41 | | | | | | |
| 07/16/09 | 0.452 | 315 | 1187 | 165 | 622 | 3.0 | 99% | 10 | 10 | 3.0 | | 99% | 10 | 10 | 7.0 | | | | | | | | |
| 07/17/09 | 0.442 | | | | 0.426 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/18/09 | 0.461 | | | | 0.435 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/19/09 | 0.490 | | | | 0.449 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/20/09 | 0.442 | | | | 0.451 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/21/09 | 0.470 | 366 | 1435 | 540 | 2117 | 2.3 | 99% | 9 | 9 | 2.0 | | 100% | 7 | 7 | 7.0 | 58 | | 0.03 | 0.11 | | | | |
| 07/22/09 | 0.457 | 461 | 1757 | 555 | 2115 | 2.2 | 100% | 8 | 8 | 1.0 | 2.0 | 100% | 4 | 7 | 7.0 | 74 | 66 | | | | | | |
| 07/23/09 | 0.462 | 371 | 1428 | 430 | 1657 | 1.8 | 100% | 7 | 7 | 3.0 | | 99% | 11 | 11 | 7.0 | | | | | | | | |
| 07/24/09 | 0.447 | | | | 0.444 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/25/09 | 0.427 | | | | 0.417 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/26/09 | 0.457 | | | | 0.424 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/27/09 | 0.436 | | | | 0.433 | | | | | | | | | | 7.0 | | | | | | | | |
| 07/28/09 | 0.442 | 272 | 1003 | 330 | 1216 | 2.9 | 99% | 9 | 9 | 1.0 | | 100% | 3 | 3 | 7.0 | 78 | | 0.04 | 0.13 | | | | |
| 07/29/09 | 0.456 | 346 | 1322 | 525 | 2005 | 1.9 | 99% | 6 | 7 | 2.0 | 1.3 | 100% | 7 | 5 | 7.0 | 86 | 82 | | | | | | |
| 07/30/09 | 0.457 | 322 | 1227 | 340 | 1296 | 2.0 | 99% | 7 | 7 | 1.0 | | 100% | 4 | 4 | 7.0 | | | | | | | | |
| 07/31/09 | 0.439 | | | | 0.439 | | | | | | | | | | 7.0 | | | | | | | | |
| TOTAL | 13.875 | | | | 13.273 | | | 129 | | | | | 116 | | | | | | | 0.57 | | | |
| MIN | 0.379 | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| AVG | 0.448 | 365 | 1378 | 405 | 1535 | 2.6 | 95.3% | 9 | 11 | 2.3 | | 99.4% | 8 | 10.0 | 7.1 | 54 | 82 | 0.03 | 0.11 | | | | |
| MAX | 0.491 | 554 | 1987 | 595 | 2134 | 3.1 | | | | 3 | | | | | 7.1 | 82 | 82 | 0.04 | 0.13 | | | | |
| AVG | | | | | | | | | | | | | | | AVG | AVG | AVG | AVG | | | | | |
| PERMIT | | 2.0 MGD | | | 3.0 MGD | | | | | | | | | | 6 | 200 | 400 | | | 356 | lbs | | |
| AVG | | | | | | | | | | | | | | | AVG | AVG | AVG | AVG | | | | | |
| LIMITS | | | | | | | | | | | | | | | 9 | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein, and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 07/01/09 | 7.0 | 2.1 | 7.0 | 1.8 | | | 6.9 | 0.7 | 22 | | 0.00 | 86 | 48 | 78000 | |
| 07/02/09 | 7.0 | 1.5 | 7.0 | 1.6 | | | 6.9 | 0.7 | 22 | | 0.00 | 93 | 51 | 0 | |
| 07/03/09 | 7.0 | 1.4 | 7.0 | 1.5 | | | 6.9 | 0.7 | 22 | | 0.00 | 91 | 53 | 0 | |
| 07/04/09 | 7.0 | 1.9 | 7.0 | 1.8 | | | 6.9 | 0.7 | 22 | | 0.00 | 91 | 54 | 0 | |
| 07/05/09 | 7.0 | 1.8 | 7.0 | 1.5 | | | 6.9 | 0.6 | 22 | | 0.00 | 83 | 55 | 0 | |
| 07/06/09 | 7.0 | 2.5 | 7.1 | 0.5 | | | 6.8 | 0.5 | 23 | 0.59 | 0.00 | 65 | 56 | 0 | |
| 07/07/09 | 6.9 | 2.7 | 7.0 | 1.1 | | | 6.8 | 0.6 | 24 | | 0.00 | 70 | 57 | 0 | |
| 07/08/09 | 7.0 | 2.4 | 7.0 | 1.2 | | | 6.9 | 0.6 | 24 | | 0.00 | 68 | 56 | 0 | |
| 07/09/09 | 7.0 | 3.1 | 7.0 | 1.3 | | | 6.9 | 0.7 | 25 | | 0.00 | 74 | 51 | 0 | |
| 07/10/09 | 7.0 | 1.7 | 7.0 | 1.4 | | | 7.0 | 0.8 | 25 | | 0.00 | 86 | 52 | 0 | |
| 07/11/09 | 7.0 | 1.9 | 7.1 | 1.1 | | | 5.6 | 0.9 | 26 | | 0.00 | 80 | 52 | 0 | |
| 07/12/09 | 7.0 | 2.5 | 7.0 | 1.1 | | | 6.3 | 0.9 | 26 | | 0.00 | 62 | 57 | 0 | |
| 07/13/09 | 7.1 | 1.7 | 7.0 | 1.5 | | | 6.7 | 0.5 | 26 | | 0.04 | 67 | 57 | 0 | |
| 07/14/09 | 7.1 | 1.3 | 7.0 | 1.4 | | | 6.6 | 0.5 | 26 | 0.72 | 0.00 | 78 | 55 | 0 | |
| 07/15/09 | 7.0 | 2.5 | 7.0 | 1.4 | | | 6.7 | 0.5 | 26 | | 0.00 | 87 | 51 | 0 | |
| 07/16/09 | 7.0 | 2.0 | 7.0 | 1.6 | | | 6.7 | 0.5 | 26 | | 0.00 | 90 | 55 | 0 | |
| 07/17/09 | 7.0 | 2.5 | 7.0 | 1.5 | | | 6.8 | 0.5 | 26 | | 0.00 | 92 | 59 | 0 | |
| 07/18/09 | 7.0 | 1.6 | 7.1 | 0.8 | | | 6.8 | 0.6 | 27 | | 0.00 | 81 | 59 | 0 | |
| 07/19/09 | 7.0 | 0.2 | 7.1 | 0.2 | | | 6.8 | 0.5 | 27 | | 0.00 | 80 | 55 | 0 | |
| 07/20/09 | 7.0 | 2.6 | 7.1 | 0.1 | | | 5.9 | 0.5 | 28 | 0.87 | 0.00 | 88 | 53 | 0 | |
| 07/21/09 | 7.0 | 2.0 | 7.1 | 0.1 | | | 7.0 | 0.5 | 28 | | 0.00 | 87 | 59 | 0 | |
| 07/22/09 | 7.0 | 2.3 | 7.1 | 0.3 | | | 7.0 | 0.5 | 28 | | 0.00 | 76 | 58 | 0 | |
| 07/23/09 | 7.0 | 0.6 | 7.0 | 1.0 | | | 7.0 | 0.6 | 28 | | 0.00 | 73 | 57 | 0 | |
| 07/24/09 | 7.0 | 2.8 | 7.0 | 2.4 | | | 7.0 | 0.5 | 28 | | 0.00 | 83 | 58 | 0 | |
| 07/25/09 | 7.0 | 1.5 | 7.0 | 2.0 | | | 7.0 | 0.5 | 28 | | 0.00 | 87 | 59 | 0 | |
| 07/26/09 | 7.0 | 2.0 | 7.0 | 2.3 | | | 7.0 | 0.5 | 28 | | 0.00 | 91 | 60 | 0 | |
| 07/27/09 | 7.0 | 2.0 | 7.0 | 1.6 | | | 7.0 | 0.5 | 29 | | 0.00 | 98 | 62 | 0 | |
| 07/28/09 | 7.0 | 0.4 | 7.0 | 0.8 | | | 7.0 | 0.5 | 29 | | 0.00 | 106 | 68 | 0 | |
| 07/29/09 | 7.0 | 2.5 | 7.0 | 0.8 | | | 7.0 | 0.6 | 29 | | 0.00 | 107 | 68 | 0 | |
| 07/30/09 | 7.0 | 1.4 | 7.0 | 1.2 | | | 6.8 | 0.6 | 30 | 1.05 | 0.00 | 90 | 68 | 0 | |
| 07/31/09 | 7.0 | 1.2 | 7.0 | 1.0 | | | 6.8 | 0.6 | 30 | | 0.00 | 90 | 61 | 0 | |
| TOTAL | | | | | | | | | | | 0.16 | | | 78000 | |
| MIN | 6.9 | 0.2 | 7.0 | 0.1 | 0.0 | 0.0 | 5.6 | 0.5 | 22 | 0.59 | 0.00 | 62 | 48 | 0 | |
| AVG | 7.0 | 1.9 | 7.0 | 1.2 | ### | ### | 6.8 | 0.6 | 26 | 0.81 | 0.00 | 84 | 57 | 2516 | |
| MAX | 7.1 | 3.1 | 7.1 | 2.4 | 0.0 | 0.0 | 7.0 | 0.9 | 30 | 1.05 | 0.04 | 107 | 68 | 78000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT INFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | | | |
|----------|----------------|---------|---------|-------------|----------------|-------------|---------------|---------|---------|---------|-------------|---------------|---------|-------------|------------|----------------|----------|-----|---------------|-----------|-------------|-----------------|
| | INF MGD | BOD MGD | TSS MGD | TSS LBS/DAY | BOD MGD | BOD LBS/DAY | % BOD REMOVAL | BOD AVG | BOD MGD | TSS MGD | TSS LBS/DAY | % TSS REMOVAL | TSS MGD | TSS LBS/DAY | TSS DISCH. | LBS TSS DISCH. | | PH | FECAL #/100ml | FECAL GWT | AMMONIA MCL | AMMONIA LBS/DAY |
| 08/01/09 | 0.410 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/02/09 | 0.437 | | | | | | | | | | | | | | | | 6.9 | | | | | |
| 08/03/09 | 0.463 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/04/09 | 0.449 | 250 | 936 | 200 | 749 | 99% | 1.8 | 0.413 | 1.5 | 1.5 | 97% | 5 | 7.0 | 58 | 5 | 7.0 | 74 | 66 | 0.03 | 0.10 | | |
| 08/05/09 | 0.463 | 395 | 1294 | 365 | 1409 | 99% | 2.5 | 0.429 | 2.2 | 2.2 | 98% | 9 | 7.0 | 74 | 9 | 7.0 | 74 | 66 | | | | |
| 08/06/09 | 0.464 | 382 | 1478 | 595 | 2303 | 99% | 2.9 | 0.432 | 2.5 | 2.5 | 98% | 9 | 7.0 | | 9 | 7.0 | | | | | | |
| 08/07/09 | 0.478 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/08/09 | 0.416 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/09/09 | 0.454 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/10/09 | 0.473 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/11/09 | 0.553 | 271 | 1250 | 380 | 1753 | 99% | 3.3 | 0.495 | 1.0 | 1.0 | 96% | 4 | 7.1 | 80 | 4 | 7.1 | 80 | 77 | 0.03 | 0.12 | | |
| 08/12/09 | 0.487 | 280 | 1178 | 265 | 1078 | 99% | 2.1 | 0.475 | 3.0 | 1.6 | 97% | 12 | 7.1 | 75 | 12 | 7.1 | 75 | 77 | | | | |
| 08/13/09 | 0.462 | 318 | 1225 | 380 | 1464 | 99% | 1.7 | 0.441 | 1.0 | 1.0 | 98% | 4 | 7.1 | | 4 | 7.1 | | | | | | |
| 08/14/09 | 0.468 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/15/09 | 0.452 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/16/09 | 0.460 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/17/09 | 0.486 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/18/09 | 0.457 | 397 | 1513 | 450 | 1715 | 99% | 2.0 | 0.428 | 1.0 | 1.0 | 98% | 4 | 7.0 | 40 | 4 | 7.0 | 40 | 37 | 0.04 | 0.14 | | |
| 08/19/09 | 0.462 | 410 | 1590 | 505 | 1946 | 100% | 1.9 | 0.426 | 1.0 | 1.0 | 99% | 4 | 7.0 | 33 | 4 | 7.0 | 33 | 37 | | | | |
| 08/20/09 | 0.453 | 230 | 869 | 405 | 1530 | 99% | 2.1 | 0.444 | 1.0 | 1.0 | 98% | 4 | 7.0 | | 4 | 7.0 | | | | | | |
| 08/21/09 | 0.467 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/22/09 | 0.445 | | | | | | | | | | | | | | | | 7.2 | | | | | |
| 08/23/09 | 0.463 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/24/09 | 0.468 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/25/09 | 0.473 | 486 | 1917 | 595 | 2347 | 100% | 2.3 | 0.445 | 1.5 | 1.5 | 99% | 5 | 7.0 | 23 | 5 | 7.0 | 23 | 28 | 0.03 | 0.11 | | |
| 08/26/09 | 0.465 | 473 | 1834 | 655 | 2540 | 100% | 2.0 | 0.461 | 1.0 | 1.5 | 99% | 4 | 7.1 | 32 | 4 | 7.1 | 32 | 28 | | | | |
| 08/27/09 | 0.471 | 334 | 1312 | 460 | 1807 | 99% | 1.8 | 0.439 | 2.0 | 2.0 | 99% | 7 | 7.1 | | 7 | 7.1 | | | | | | |
| 08/28/09 | 0.431 | | | | | | | | | | | | | | | | 7.1 | | | | | |
| 08/29/09 | 0.442 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/30/09 | 0.475 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| 08/31/09 | 0.475 | | | | | | | | | | | | | | | | 7.0 | | | | | |
| TOTAL | 14.302 | | | | | | | | | | | | | | 70 | | | | | | | 0.47 |
| MIN | 0.410 | | | | | | | | | | | | | | | | 6.9 | | | | | |
| AVG | 0.461 | 348 | 1366 | 438 | 1720 | 99.4% | 2.2 | 0.433 | 1.6 | 1.6 | 99.6% | 3 | 7.0 | 47 | 3 | 7.0 | 47 | 77 | 0.03 | 0.12 | | |
| MAX | 0.553 | 486 | 1917 | 655 | 2540 | | 2.4 | 0.495 | 2 | 2 | | 8 | 7.2 | 77 | 8 | 7.2 | 77 | 77 | 0.04 | 0.14 | | |
| PERMIT | 2.0 MGD | | | | | | | | | | | | | | | | AVG | AVG | AVG | AVG | AVG | AVG |
| LIMITS | | | | | | | | | | | | | | | | | AVG | AVG | AVG | AVG | AVG | AVG |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | | INF MGD | | TSS LBS/DAY | | BOD LBS/DAY | | EFF MGD | | BOD MGL | | ROD MGL | | TSS MGL | | BOD REMOV. % | | LBS BOD DISCH. | | TSS MGL | | % TSS REMOVE | | LBS TSS DISCH. | | TSS LBS AVG | | PH | | FECAL GEN./TSS | | FECAL GEN./TSS | | AMMONIA N/AMMONIA | | COMMENTS | | |
|---------------|---------------|-------------|-------------|-------------|---------------|-------------|------------|--------------|----------------|------------|--------------|----------------|-------------|------------|----------------|----------------|-------------------|-------------------|--|---------|--|--------------|--|----------------|--|-------------|--|----|--|----------------|--|----------------|--|-------------------|--|------------|------------|--|
| DATE | INF MGD | TSS LBS/DAY | BOD LBS/DAY | EFF MGD | BOD MGL | ROD MGL | TSS MGL | BOD REMOV. % | LBS BOD DISCH. | TSS MGL | % TSS REMOVE | LBS TSS DISCH. | TSS LBS AVG | PH | FECAL GEN./TSS | FECAL GEN./TSS | AMMONIA N/AMMONIA | AMMONIA N/AMMONIA | | | | | | | | | | | | | | | | | | | | |
| 09/01/09 | 0.459 | 412 | 1577 | 570 | 2182 | 1.8 | 1.0 | 100% | 6 | 1.0 | 100% | 7 | 5 | 7.0 | 62.0 | 55 | 0.03 | 0.1 | | | | | | | | | | | | | | | | | | | | |
| 09/02/09 | 0.463 | 247 | 954 | 345 | 1332 | 1.8 | 2.0 | 99% | 7 | 1.5 | 100% | 6 | 7.0 | 48.0 | 7.1 | | | | | | | | | | | | | | | | | | | | | | | |
| 09/03/09 | 0.474 | 234 | 825 | 385 | 1522 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/04/09 | 0.462 | | | | 0.458 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/05/09 | 0.464 | | | | 0.431 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/06/09 | 0.438 | | | | 0.417 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/07/09 | 0.505 | | | | 0.431 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/08/09 | 0.478 | 447 | 1786 | 450 | 1798 | 1.6 | 1.0 | 100% | 8 | 1.0 | 100% | 4 | 7.0 | 46.0 | | 0.04 | 0.2 | | | | | | | | | | | | | | | | | | | | | |
| 09/09/09 | 0.479 | 275 | 1096 | 250 | 997 | 1.6 | 2.0 | 99% | 6 | 1.3 | 100% | 8 | 5 | 7.1 | 39.0 | 43 | | | | | | | | | | | | | | | | | | | | | | |
| 09/10/09 | 0.482 | 238 | 957 | 330 | 1327 | 1.4 | 1.0 | 100% | 5 | 1.0 | 100% | 4 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/11/09 | 0.438 | | | | 0.436 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/12/09 | 0.412 | | | | 0.411 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/13/09 | 0.455 | | | | 0.414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/14/09 | 0.480 | | | | 0.434 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/15/09 | 0.469 | 352 | 1377 | 330 | 1291 | 2.9 | 1.0 | 99% | 11 | 1.0 | 100% | 4 | 7.0 | 39 | | 0.03 | 0.1 | | | | | | | | | | | | | | | | | | | | | |
| 09/16/09 | 0.494 | 308 | 1269 | 290 | 1195 | 1.5 | 1.0 | 100% | 6 | 1.0 | 100% | 4 | 4 | 7.0 | 36 | 38 | | | | | | | | | | | | | | | | | | | | | | |
| 09/17/09 | 0.460 | 460 | 1765 | 440 | 1688 | 1.5 | 1.0 | 100% | 6 | 1.0 | 100% | 4 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/18/09 | 0.456 | | | | 0.457 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/19/09 | 0.476 | | | | 0.468 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/20/09 | 0.453 | | | | 0.430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/21/09 | 0.480 | | | | 0.428 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/22/09 | 0.445 | | | | 0.430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/23/09 | 0.462 | 550 | 2119 | 525 | 2023 | 2.4 | 1.0 | 100% | 9 | 1.0 | 100% | 4 | 7.0 | 58 | | 0.04 | 0.1 | | | | | | | | | | | | | | | | | | | | | |
| 09/24/09 | 0.443 | 460 | 1700 | 465 | 1718 | 3.0 | 2.5 | 99% | 11 | 1.1 | 100% | 4 | 4 | 40 | 49 | | | | | | | | | | | | | | | | | | | | | | | |
| 09/25/09 | 0.423 | 321 | 1132 | 525 | 1852 | 2.2 | 1.5 | 99% | 8 | 1.5 | 100% | 5 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/26/09 | 0.425 | | | | 0.420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/27/09 | 0.452 | | | | 0.406 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/28/09 | 0.465 | | | | 0.419 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/29/09 | 0.481 | 288 | 1075 | 395 | 1344 | 2.5 | 1.0 | 99% | 9 | 1.0 | 100% | 4 | 7.1 | 78 | | 0.03 | 0.1 | | | | | | | | | | | | | | | | | | | | | |
| 09/30/09 | 0.485 | 257 | 1040 | 410 | 1658 | 2.0 | 1.5 | 99% | 7 | 1.3 | 100% | 6 | 5 | 7.0 | 32 | 55 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 13.868 | | | | 13.109 | | | | 106 | | | 66 | | | | | | | | | | | | | | | | | | | | | | | | 0.6 | | |
| MIN | 0.412 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.462 | 345 | 1341 | 484 | 1666 | 2.0 | 1.3 | 99.4% | 8 | 2 | 99.7% | 6 | 5.0 | 7.1 | 46 | 55 | 0.03 | 0.12 | | | | | | | | | | | | | | | | | | | | |
| MAX | 0.505 | 550 | 2119 | 570 | 2182 | 3.0 | 2.5 | 99% | 11 | 2 | 100% | 5 | 7.1 | 78 | 55 | 400 | 0.04 | 0.15 | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.0 | 3107 | | | 3160 | 30 | 30 | 85% | 466 | 700 | 85% | 475 | 700 | 6 | 200 | 400 | | | | | | | | | | | | | | | | | | | | | 356 | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK MORGAN CERTIFICATION IV

SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 09/01/09 | 6.9 | 2.5 | 7.0 | 0.8 | | | 6.6 | 0.5 | 26 | 0.67 | 0.00 | 74 | 51 | 0 | | | |
| 09/02/09 | 6.9 | 2.3 | 7.0 | 0.8 | | | 6.6 | 0.5 | 26 | | 0.07 | 85 | 56 | 0 | | | |
| 09/03/09 | 7.0 | 0.8 | 7.0 | 1.6 | | | 6.6 | 0.4 | 26 | | 0.00 | 77 | 56 | 0 | | | |
| 09/04/09 | 6.9 | 2.9 | 7.0 | 0.3 | | | 6.7 | 0.5 | 26 | | 0.00 | 77 | 56 | 0 | | | |
| 09/05/09 | 7.0 | 1.5 | 7.0 | 0.8 | | | 6.7 | 0.5 | 26 | | 0.62 | 75 | 56 | 0 | | | |
| 09/06/09 | 7.0 | 1.0 | 7.0 | 1.2 | | | 6.7 | 0.5 | 26 | | 0.64 | 68 | 56 | 0 | | | |
| 09/07/09 | 7.0 | 0.9 | 7.0 | 1.0 | | | 6.7 | 0.5 | 26 | | 0.05 | 67 | 53 | 0 | | | |
| 09/08/09 | 7.0 | 3.0 | 7.0 | 0.9 | | | 6.7 | 0.4 | 26 | | 0.00 | 69 | 45 | 0 | | | |
| 09/09/09 | 7.0 | 2.2 | 7.0 | 1.5 | | | 6.8 | 0.3 | 26 | 0.87 | 0.00 | 75 | 55 | 0 | | | |
| 09/10/09 | 7.1 | 1.5 | 7.0 | 1.6 | | | 6.8 | 0.4 | 26 | | 0.00 | 76 | 56 | 0 | | | |
| 09/11/09 | 7.0 | 1.4 | 7.0 | 1.4 | | | 6.8 | 0.4 | 26 | | 0.00 | 80 | 54 | 0 | | | |
| 09/12/09 | 7.0 | 2.6 | 6.8 | 1.4 | | | 7.0 | 0.5 | 26 | | 0.00 | 95 | 54 | 0 | | | |
| 09/13/09 | 7.0 | 0.5 | 6.8 | 1.7 | | | 7.0 | 0.6 | 26 | | 0.00 | 86 | 61 | 0 | | | |
| 09/14/09 | 7.0 | 1.2 | 6.8 | 1.3 | | | 7.0 | 0.6 | 26 | 1.02 | 0.00 | 71 | 59 | 0 | | | |
| 09/15/09 | 7.0 | 0.1 | 6.9 | 0.1 | | | 7.0 | 0.5 | 26 | | 0.00 | 78 | 56 | 0 | | | |
| 09/16/09 | 6.9 | 2.2 | 7.0 | 0.5 | | | 7.0 | 0.6 | 26 | | 0.00 | 83 | 57 | 0 | | | |
| 09/17/09 | 7.0 | 2.0 | 7.0 | 0.2 | | | 7.0 | 0.5 | 26 | | 0.18 | 75 | 55 | 0 | | | |
| 09/18/09 | 7.0 | 1.3 | 7.0 | 0.2 | | | 7.0 | 0.5 | 27 | | 0.00 | 73 | 48 | 0 | | | |
| 09/19/09 | 6.9 | 1.9 | 6.9 | 2.8 | | | 7.0 | 0.5 | 27 | | 0.19 | 85 | 57 | 0 | | | |
| 09/20/09 | 6.9 | 1.5 | 7.0 | 0.8 | | | 6.9 | 0.3 | 26 | | 0.00 | 70 | 45 | 0 | | | |
| 09/21/09 | 6.9 | 2.2 | 6.9 | 1.5 | | | 6.9 | 0.4 | 26 | 1.15 | 0.00 | 75 | 48 | 0 | | | |
| 09/22/09 | 7.0 | 2.0 | 7.0 | 0.1 | | | 6.9 | 0.4 | 26 | | 0.00 | 87 | 52 | 0 | | | |
| 09/23/09 | 6.9 | 2.4 | 6.9 | 0.1 | | | 6.9 | 0.6 | 26 | | 0.00 | 92 | 50 | 78000 | | | |
| 09/24/09 | 7.0 | 1.6 | 7.0 | 1.7 | | | 7.0 | 0.6 | 26 | | 0.00 | 83 | 58 | 78000 | | | |
| 09/25/09 | 7.0 | 1.5 | 7.0 | 1.0 | | | 7.0 | 0.6 | 26 | | 0.00 | 71 | 51 | 78000 | | | |
| 09/26/09 | 7.0 | 2.0 | 7.0 | 1.5 | | | 7.0 | 0.6 | 26 | | 0.00 | 77 | 52 | 0 | | | |
| 09/27/09 | 7.0 | 1.8 | 7.0 | 1.4 | | | 7.0 | 0.6 | 26 | | 0.00 | 72 | 44 | 0 | | | |
| 09/28/09 | 7.0 | 1.6 | 7.0 | 1.0 | | | 7.0 | 0.6 | 26 | | 0.00 | 75 | 45 | 0 | | | |
| 09/29/09 | 7.0 | 1.9 | 7.0 | 1.4 | | | 7.0 | 0.5 | 26 | | 0.12 | 67 | 47 | 0 | | | |
| 09/30/09 | 7.0 | 2.2 | 7.0 | 0.7 | | | 7.0 | 0.5 | 26 | | 0.06 | 61 | 42 | 0 | | | |
| TOTAL | | | | | | | | | | | 2 | | | 234000 | | | |
| MIN | 6.9 | 0.1 | 6.8 | 0.1 | 0.0 | 0.0 | 6.6 | 0.3 | 26 | 0.67 | 0.00 | 61 | 42 | 0 | | | |
| AVG | 7.0 | 1.8 | 7.0 | 1.0 | ### | ### | 6.9 | 0.5 | 26 | 0.93 | 0.06 | 77 | 53 | 7800 | | | |
| MAX | 7.1 | 3.0 | 7.0 | 2.8 | 0.0 | 0.0 | 7.0 | 0.6 | 27 | 1.15 | 0.64 | 95 | 61 | 78000 | | | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|-------------|-------------|----------------|------------|-------------|-------------|------------|------------|------------|----------------|-------------|-------------|------------|------------|------------|------|------------------|----------------|-----------------|----------|
| | INF MGD | BOD MG/L | TSS MG/L | TSS LIBRARY | EFF MGD | BOD MG/L | % REMOV. | LBS BOD | LBS BOD | LBS BOD | TSS MG/L | TSS MG/L | % REMOV. | LBS TSS | LBS TSS | LBS TSS | PH | FECAL #/100ML | FECAL GEN#7 | AMMONIA MG/L | |
| 10/01/09 | 0.466 | | | | 0.447 | | | | | | | | | | | 7.0 | | | | | |
| 10/02/09 | 0.448 | | | | 0.446 | | | | | | | | | | | 7.0 | | | | | |
| 10/03/09 | 0.455 | | | | 0.439 | | | | | | | | | | | 7.1 | | | | | |
| 10/04/09 | 0.483 | | | | 0.435 | | | | | | | | | | | 7.1 | | | | | |
| 10/05/09 | 0.504 | | | | 0.460 | | | | | | | | | | | 7.0 | | | | | |
| 10/06/09 | 0.479 | 227 | 907 | 240 | 959 | 98% | 6 | 1.0 | 1.0 | 100% | 4 | 4 | 100% | 4 | 7.1 | 58.0 | | 0.04 | 0.15 | | |
| 10/07/09 | 0.509 | 339 | 1015 | 230 | 976 | 99% | 9 | 2.0 | 1.3 | 99% | 8 | 5 | 99% | 8 | 7.1 | 92.0 | 75 | | | | |
| 10/08/09 | 0.464 | 386 | 1494 | 700 | 2709 | 100% | 4 | 1.0 | 1.0 | 100% | 4 | 4 | 100% | 4 | 7.1 | | | | | | |
| 10/09/09 | 0.449 | | | | 0.437 | | | | | | | | | | | 7.1 | | | | | |
| 10/10/09 | 0.437 | | | | 0.420 | | | | | | | | | | | 7.1 | | | | | |
| 10/11/09 | 0.480 | | | | 0.420 | | | | | | | | | | | 7.1 | | | | | |
| 10/12/09 | 0.497 | | | | 0.467 | | | | | | | | | | | 7.1 | | | | | |
| 10/13/09 | 0.504 | 348 | 1463 | 675 | 2837 | 99% | 13 | 1.0 | 1.0 | 100% | 4 | 4 | 100% | 4 | 7.0 | 11.0 | | 0.03 | 0.11 | | |
| 10/14/09 | 0.504 | 377 | 1585 | 730 | 3068 | 99% | 11 | 3.0 | 1.7 | 100% | 12 | 7 | 100% | 12 | 7.1 | 26 | 19 | | | | |
| 10/15/09 | 0.475 | 259 | 1026 | 345 | 1367 | 99% | 10 | 1.0 | 1.0 | 100% | 4 | 4 | 100% | 4 | 7.1 | | | | | | |
| 10/16/09 | 0.470 | | | | 0.445 | | | | | | | | | | | 7.1 | | | | | |
| 10/17/09 | 0.471 | | | | 0.436 | | | | | | | | | | | 7.0 | | | | | |
| 10/18/09 | 0.487 | | | | 0.430 | | | | | | | | | | | 7.1 | | | | | |
| 10/19/09 | 0.484 | | | | 0.452 | | | | | | | | | | | 7.1 | | | | | |
| 10/20/09 | 0.470 | 355 | 1392 | 860 | 3371 | 99% | 11 | 3.0 | 1.0 | 100% | 11 | 6 | 99% | 11 | 7.1 | 33 | | 0.04 | 0.14 | | |
| 10/21/09 | 0.499 | 198 | 824 | 190 | 791 | 99% | 8 | 1.0 | 1.7 | 99% | 4 | 4 | 99% | 4 | 7.1 | 82 | 58 | | | | |
| 10/22/09 | 0.469 | 192 | 751 | 145 | 567 | 99% | 7 | 1.0 | 1.0 | 99% | 4 | 4 | 99% | 4 | 7.1 | | | | | | |
| 10/23/09 | 0.510 | | | | 0.481 | | | | | | | | | | | 7.2 | | | | | |
| 10/24/09 | 0.431 | | | | 0.427 | | | | | | | | | | | 7.1 | | | | | |
| 10/25/09 | 0.480 | | | | 0.410 | | | | | | | | | | | 7.0 | | | | | |
| 10/26/09 | 0.520 | | | | 0.472 | | | | | | | | | | | 7.0 | | | | | |
| 10/27/09 | 0.495 | 365 | 1507 | 440 | 1816 | 99% | 7 | 1.0 | 1.0 | 100% | 4 | 4 | 100% | 4 | 7.0 | 33 | | 0.03 | 0.11 | | |
| 10/28/09 | 0.525 | 354 | 1550 | 525 | 2299 | 100% | 7 | 1.0 | 1.0 | 100% | 4 | 4 | 100% | 4 | 7.1 | 39 | 36 | | | | |
| 10/29/09 | 0.484 | | | | 0.434 | | | | | | | | | | | 7.0 | | | | | |
| 10/30/09 | 0.475 | | | | 0.460 | | | | | | | | | | | 7.0 | | | | | |
| 10/31/09 | 0.493 | | | | 0.459 | | | | | | | | | | | 7.0 | | | | | |
| TOTAL | 14.917 | | | | 13.899 | | 93 | | | | 61 | | | | | 7.0 | | | | 0.51 | |
| MIN | 0.431 | | | | | | | | | | | | | | | 7.0 | | | | | |
| AVG | 0.481 | 300 | 1228 | 462 | 1897 | 99.3% | 8 | 1.5 | 1.5 | 99.7% | 6 | | | | | 7.0 | 39 | | 0.04 | 0.13 | |
| MAX | 0.525 | 386 | 1585 | 860 | 3371 | | 11 | 1.7 | 1.7 | | | | | | | 7.2 | 75 | 75 | 0.04 | 0.15 | |
| AVG. | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | |
| PERMIT | 2.5 | 30 | 3107 | 3160 | 2.9 | 85% | 466 | 700 | 30 | 30 | 475 | 700 | 6 | 200 | 400 | 6 | 200 | 400 | | 356 | |
| LIMITS | | | | | | | AVG. | MAX | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | | lbs | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE: 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 10/01/09 | 6.9 | 1.6 | 7.0 | 0.8 | | | 7.0 | 0.5 | 26 | | 0.10 | 59 | 51 | 0 | |
| 10/02/09 | 6.9 | 1.5 | 7.0 | 1.2 | | | 6.8 | 0.6 | 27 | 1.49 | 0.02 | 63 | 51 | 0 | |
| 10/03/09 | 7.2 | 2.6 | 7.1 | 1.0 | | | 6.8 | 0.4 | 27 | | 0.00 | 62 | 39 | 0 | |
| 10/04/09 | 7.0 | 0.5 | 6.9 | 1.5 | | | 6.8 | 0.4 | 27 | | 0.00 | 60 | 45 | 0 | |
| 10/05/09 | 7.0 | 0.3 | 7.0 | 0.8 | | | 6.8 | 0.9 | 20 | | 0.00 | 67 | 40 | 0 | |
| 10/06/09 | 6.9 | 2.4 | 6.9 | 0.8 | | | 6.8 | 0.6 | 21 | 0.51 | 0.00 | 66 | 39 | 0 | |
| 10/07/09 | 6.9 | 2.4 | 7.0 | 0.2 | | | 6.8 | 0.5 | 21 | | 0.00 | 71 | 43 | 0 | |
| 10/08/09 | 6.9 | 2.0 | 6.9 | 1.2 | | | 6.8 | 0.5 | 21 | | 0.00 | 67 | 41 | 0 | |
| 10/09/09 | 6.9 | 0.8 | 6.9 | 0.6 | | | 6.9 | 0.6 | 22 | | 0.00 | 70 | 47 | 0 | |
| 10/10/09 | 6.9 | 1.2 | 6.9 | 1.4 | | | 6.9 | 0.6 | 22 | | 0.00 | 66 | 42 | 0 | |
| 10/11/09 | 6.9 | 0.9 | 6.9 | 1.0 | | | 6.9 | 0.6 | 22 | | 0.00 | 63 | 38 | 0 | |
| 10/12/09 | 6.9 | 1.0 | 6.9 | 1.2 | | | 6.9 | 0.6 | 22 | | 0.00 | 57 | 46 | 0 | |
| 10/13/09 | 6.9 | 2.8 | 6.8 | 0.4 | | | 6.9 | 0.5 | 21 | 0.79 | 0.08 | 60 | 42 | 0 | |
| 10/14/09 | 7.1 | 0.9 | 7.0 | 0.1 | | | 6.9 | 0.5 | 21 | | 0.66 | 58 | 45 | 0 | |
| 10/15/09 | 7.0 | 1.5 | 7.0 | 0.5 | | | 6.9 | 0.6 | 21 | | 0.02 | 63 | 51 | 0 | |
| 10/16/09 | 7.0 | 0.4 | 7.0 | 0.3 | | | 6.9 | 0.5 | 21 | | 0.07 | 62 | 53 | 0 | |
| 10/17/09 | 7.0 | 0.9 | 6.8 | 0.3 | | | 6.9 | 0.5 | 21 | | 0.26 | 63 | 55 | 0 | |
| 10/18/09 | 7.0 | 0.4 | 7.0 | 1.1 | | | 7.0 | 0.4 | 21 | | 0.03 | 67 | 55 | 0 | |
| 10/19/09 | 7.0 | 1.0 | 7.0 | 0.3 | | | 6.9 | 0.6 | 21 | | 0.10 | 64 | 53 | 0 | |
| 10/20/09 | 7.1 | 1.3 | 7.0 | 0.2 | | | 6.9 | 0.5 | 22 | 1.00 | 0.00 | 63 | 46 | 0 | |
| 10/21/09 | 7.1 | 0.8 | 7.2 | 0.4 | | | 6.9 | 0.6 | 22 | | 0.14 | 59 | 51 | 0 | |
| 10/22/09 | 7.0 | 1.1 | 7.0 | 0.4 | | | 6.9 | 0.5 | 22 | | 0.01 | 63 | 46 | 0 | |
| 10/23/09 | 6.9 | 0.6 | 7.2 | 0.4 | | | 6.9 | 0.4 | 22 | | 0.52 | 58 | 52 | 0 | |
| 10/24/09 | 7.1 | 0.4 | 7.1 | 1.6 | | | 7.1 | 0.7 | 23 | | 0.00 | 60 | 42 | 0 | |
| 10/25/09 | 6.9 | 0.4 | 7.0 | 2.6 | | | 7.0 | 0.9 | 23 | | 0.01 | 58 | 40 | 0 | |
| 10/26/09 | 6.9 | 2.9 | 7.0 | 0.1 | | | 7.0 | 0.6 | 23 | | 0.44 | 58 | 47 | 0 | |
| 10/27/09 | 6.9 | 1.1 | 6.9 | 0.6 | | | 7.0 | 0.7 | 23 | | 0.25 | 54 | 41 | 0 | |
| 10/28/09 | 7.0 | 1.1 | 7.0 | 0.4 | | | 6.9 | 0.4 | 23 | | 0.00 | 56 | 39 | 0 | |
| 10/29/09 | 7.0 | 0.9 | 6.9 | 0.6 | | | 6.9 | 0.5 | 23 | | 0.33 | 51 | 43 | 0 | |
| 10/30/09 | 7.0 | 1.0 | 7.0 | 0.6 | | | 7.0 | 0.5 | 23 | | 0.11 | 58 | 47 | 0 | |
| 10/31/09 | 6.9 | 0.6 | 7.0 | 0.9 | | | 6.9 | 0.6 | 23 | | 0.21 | 61 | 53 | 0 | |
| TOTAL | | | | | | | | | | | 3 | | | 0 | |
| MIN | 6.9 | 0.3 | 6.8 | 0.1 | 0.0 | 0.0 | 6.8 | 0.4 | 20 | 0.51 | 0.00 | 51 | 38 | 0 | |
| AVG | 7.0 | 1.2 | 7.0 | 0.8 | ### | ### | 6.9 | 0.6 | 22 | 0.95 | 0.11 | 62 | 46 | 0 | |
| MAX | 7.2 | 2.9 | 7.2 | 2.6 | 0.0 | 0.0 | 7.1 | 0.9 | 27 | 1.49 | 0.66 | 71 | 55 | 0 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| PLANT INFLUENT | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | | | | | | |
|----------------|------------|----------------|-------------|---------------|------------|-------------|------------|------------|---------------|------------|-------------|-------------|------------|---------------|------------|----------------|------------|-----|------------------|---------------|-----------------|------------|
| DATE | INF MGD | BOD MG/L | TSS MG/L | TSS LB/DAY | EFF MGD | BOD MG/L | BOD AVG | % REMOV | BOD LB/DAY | BOD AVG | TSS MG/L | TSS MG/L | % REMOV | TSS LB/DAY | TSS AVG | LBS REMOVED | TSS AVG | PH | FECAL #/100ml | FECAL MG/L | AMMONIA MG/L | LABORATORY |
| 11/01/09 | 0.498 | | | | 0.448 | | | | | | | | | | | | | 7.1 | | | | |
| 11/02/09 | 0.483 | | | | 0.460 | | | | | | | | | | | | | 7.0 | | | | |
| 11/03/09 | 0.472 | 478 | 1882 | 615 | 2421 | 0.445 | 2.1 | 100% | 8 | | 1.0 | | 100% | 4 | | | 7.0 | 42 | | 0.04 | 0.15 | |
| 11/04/09 | 0.455 | 404 | 1533 | 575 | 2182 | 0.429 | 2.4 | 99% | 9 | 8 | 1.0 | 1.5 | 100% | 4 | 6 | | 7.1 | 58 | 50 | | | |
| 11/05/09 | 0.492 | 351 | 1440 | 450 | 1846 | 0.443 | 2.2 | 99% | 8 | | 2.5 | | 99% | 9 | | | 7.1 | | | | | |
| 11/06/09 | 0.486 | | | | 0.452 | | | | | | | | | | | | | 7.0 | | | | |
| 11/07/09 | 0.478 | | | | 0.457 | | | | | | | | | | | | | 7.0 | | | | |
| 11/08/09 | 0.508 | | | | 0.463 | | | | | | | | | | | | | 7.1 | | | | |
| 11/09/09 | 0.531 | | | | 0.482 | | | | | | | | | | | | | 7.0 | | | | |
| 11/10/09 | 0.488 | 488 | 1960 | 595 | 2422 | 0.472 | 2.3 | 100% | 9 | | 1.0 | | 100% | 4 | | | 7.1 | 84 | | 0.03 | 0.12 | |
| 11/11/09 | 0.495 | 296 | 1222 | 210 | 867 | 0.447 | 1.9 | 99% | 7 | 7 | 1.5 | 1.3 | 99% | 6 | 5 | | 7.1 | 41 | 52 | | | |
| 11/12/09 | 0.497 | 464 | 1923 | 650 | 2694 | 0.455 | 1.6 | 100% | 6 | | 1.5 | | 100% | 6 | | | 7.0 | | | | | |
| 11/13/09 | 0.480 | | | | 0.473 | | | | | | | | | | | | | 7.0 | | | | |
| 11/14/09 | 0.472 | | | | 0.437 | | | | | | | | | | | | | 7.0 | | | | |
| 11/15/09 | 0.515 | | | | 0.460 | | | | | | | | | | | | | 6.9 | | | | |
| 11/16/09 | 0.505 | | | | 0.466 | | | | | | | | | | | | | 7.0 | | | | |
| 11/17/09 | 0.500 | 479 | 1997 | 555 | 2314 | 0.467 | 3.9 | 99% | 15 | | 3.0 | | 99% | 12 | | | 7.0 | 35 | | 0.03 | 0.12 | |
| 11/18/09 | 0.519 | 404 | 1749 | 610 | 2640 | 0.460 | 3.6 | 99% | 14 | 15 | 1.5 | 1.8 | 100% | 6 | 7 | | 6.9 | 64 | 50 | | | |
| 11/19/09 | 0.520 | 275 | 1193 | 340 | 1475 | 0.482 | 4.2 | 98% | 17 | | 1.0 | | 100% | 4 | | | 6.9 | | | | | |
| 11/20/09 | 0.482 | | | | 0.464 | | | | | | | | | | | | | 7.0 | | | | |
| 11/21/09 | 0.559 | | | | 0.487 | | | | | | | | | | | | | 7.0 | | | | |
| 11/22/09 | 0.529 | | | | 0.505 | | | | | | | | | | | | | 6.9 | | | | |
| 11/23/09 | 0.481 | | | | 0.457 | | | | | | | | | | | | | 6.9 | | | | |
| 11/24/09 | 0.453 | 470 | 1776 | 560 | 2116 | 0.435 | 2.8 | 99% | 10 | | 1.5 | | 100% | 5 | | | 7.0 | 82 | | 0.03 | 0.11 | |
| 11/25/09 | 0.470 | 419 | 1642 | 410 | 1607 | 0.458 | 2.9 | 99% | 11 | 12 | 2.0 | 1.8 | 100% | 8 | 7 | | 7.0 | 31 | 57 | | | |
| 11/26/09 | 0.521 | 480 | 2086 | 540 | 2346 | 0.492 | 3.7 | 99% | 15 | | 2.0 | | 100% | 8 | | | 6.9 | | | | | |
| 11/27/09 | 0.447 | | | | 0.436 | | | | | | | | | | | | | 6.9 | | | | |
| 11/28/09 | 0.460 | | | | 0.443 | | | | | | | | | | | | | 7.0 | | | | |
| 11/29/09 | 0.508 | | | | 0.452 | | | | | | | | | | | | | 7.0 | | | | |
| 11/30/09 | 0.493 | | | | 0.469 | | | | | | | | | | | | | 6.9 | | | | |
| TOTAL | 14.917 | | | | 13.786 | | | | 129 | | | | | 74 | | | | 6.9 | | | | 0.5 |
| MIN | 0.447 | | | | | | | | | | | | | | | | | 6.9 | | | | |
| AVG | 0.494 | 417 | 1703 | 509 | 2078 | 0.460 | 2.8 | 99.3% | 11 | | 1.6 | | 99.7% | 6 | | | 7.0 | 50 | | 0.03 | 0.12 | |
| MAX | 0.559 | 499 | 2086 | 650 | 2694 | 0.505 | 3.8 | | | 15 | 1.8 | | | | | | 7.1 | 57 | | 0.04 | 0.15 | |
| AVG | | | | | | | | | | | | | | | | | | AVG | DET. | | | |
| PERMIT | 2.9 MGD | | | | 3160 | | | | | | | | | | | | | AVG | DET. | | | |
| AVG | | | | | | | | | | | | | | | | | | AVG | DET. | | | |
| LIMITS | | | | | | | | | | | | | | | | | | AVG | DET. | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK MORGAN SIGNATURE CERTIFICATION IV

CITY OF WOODLAND WWTPL MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 11/01/09 | 6.9 | 0.6 | 7.0 | 0.9 | | | 7.0 | 0.5 | 23 | | | 0.01 | 59 | 41 | 0 |
| 11/02/09 | 6.9 | 0.7 | 7.0 | 1.4 | | | 7.0 | 0.6 | 23 | | | 0.00 | 56 | 36 | 0 |
| 11/03/09 | 7.0 | 0.7 | 6.9 | 0.8 | | | 7.0 | 0.4 | 23 | | | 0.00 | 57 | 40 | 0 |
| 11/04/09 | 7.0 | 0.7 | 7.0 | 0.9 | | | 7.0 | 0.5 | 23 | | | 0.00 | 59 | 45 | 0 |
| 11/05/09 | 7.0 | 0.7 | 7.0 | 0.5 | | | 6.9 | 0.5 | 23 | 1.62 | | 0.00 | 63 | 43 | 78000 |
| 11/06/09 | 6.9 | 1.1 | 6.9 | 0.8 | | | 6.9 | 0.7 | 23 | | | 0.43 | 61 | 45 | 78000 |
| 11/07/09 | 6.9 | 1.5 | 6.9 | 1.0 | | | 6.9 | 0.6 | 23 | | | 0.65 | 52 | 47 | 0 |
| 11/08/09 | 6.9 | 1.8 | 7.0 | 0.5 | | | 6.9 | 0.7 | 23 | | | 0.09 | 50 | 43 | 0 |
| 11/09/09 | 6.9 | 0.8 | 6.8 | 0.7 | | | 6.9 | 0.7 | 23 | | | 0.24 | 51 | 44 | 78000 |
| 11/10/09 | 6.9 | 0.8 | 7.0 | 0.6 | | | 6.9 | 0.6 | 23 | | | 0.32 | 55 | 46 | 0 |
| 11/11/09 | 6.9 | 1.6 | 7.0 | 0.4 | | | 6.9 | 0.6 | 23 | | | 0.24 | 56 | 42 | 0 |
| 11/12/09 | 6.9 | 1.6 | 7.0 | 1.6 | | | 6.9 | 0.4 | 23 | 1.77 | | 0.12 | 49 | 41 | 0 |
| 11/13/09 | 6.9 | 0.9 | 7.0 | 0.4 | | | 6.9 | 0.4 | 22 | | | 0.25 | 46 | 41 | 0 |
| 11/14/09 | 7.0 | 1.2 | 7.1 | 1.1 | | | 6.8 | 0.4 | 22 | | | 0.15 | 46 | 34 | 0 |
| 11/15/09 | 6.8 | 2.0 | 6.8 | 1.0 | | | 6.8 | 0.8 | 22 | | | 0.12 | 46 | 42 | 0 |
| 11/16/09 | 6.8 | 1.1 | 6.8 | 0.6 | | | 6.9 | 0.6 | 22 | | | 0.04 | 58 | 45 | 0 |
| 11/17/09 | 6.9 | 0.9 | 6.9 | 1.0 | | | 6.9 | 0.4 | 22 | | | 0.33 | 63 | 46 | 0 |
| 11/18/09 | 6.9 | 1.1 | 6.9 | 0.6 | | | 6.8 | 0.5 | 22 | | | 0.20 | 52 | 41 | 0 |
| 11/19/09 | 6.9 | 0.8 | 6.9 | 1.8 | | | 6.9 | 0.6 | 22 | | | 0.44 | 56 | 45 | 0 |
| 11/20/09 | 6.9 | 1.0 | 6.9 | 1.5 | | | 6.9 | 0.5 | 22 | | | 0.42 | 59 | 46 | 0 |
| 11/21/09 | 6.9 | 1.2 | 6.9 | 1.0 | | | 6.9 | 0.5 | 22 | | | 0.17 | 47 | 39 | 0 |
| 11/22/09 | 6.9 | 0.9 | 6.9 | 0.8 | | | 6.9 | 0.5 | 22 | | | 1.14 | 50 | 42 | 0 |
| 11/23/09 | 6.8 | 1.1 | 6.9 | 0.4 | | | 6.9 | 0.5 | 22 | | | 0.05 | 51 | 39 | 0 |
| 11/24/09 | 6.8 | 1.2 | 6.9 | 0.5 | | | 6.9 | 0.6 | 22 | | | 0.00 | 54 | 45 | 0 |
| 11/25/09 | 6.8 | 1.5 | 6.9 | 1.3 | | | 6.8 | 0.5 | 22 | | | 0.00 | 59 | 37 | 0 |
| 11/26/09 | 7.0 | 1.4 | 6.9 | 3.1 | | | 6.9 | 0.4 | 22 | | | 0.32 | 54 | 40 | 0 |
| 11/27/09 | 6.8 | 2.4 | 7.0 | 0.2 | | | 6.9 | 0.5 | 22 | | | 0.69 | 50 | 45 | 0 |
| 11/28/09 | 6.8 | 2.8 | 6.9 | 0.5 | | | 6.9 | 0.4 | 22 | | | 0.00 | 52 | 40 | 0 |
| 11/29/09 | 7.0 | 0.8 | 6.9 | 1.8 | | | 6.9 | 0.6 | 22 | | | 0.00 | 50 | 44 | 0 |
| 11/30/09 | 6.8 | 1.5 | 6.8 | 3.2 | | | 6.8 | 0.4 | 21 | | | 0.00 | 52 | 41 | 0 |
| TOTAL | | | | | | | | | | | | 6 | | | 234000 |
| MIN | 6.8 | 0.6 | 6.8 | 0.2 | 0.0 | 0.0 | 6.8 | 0.4 | 21 | 1.62 | | 0.00 | 46 | 34 | 0 |
| AVG | 6.9 | 1.2 | 6.9 | 1.0 | ### | ### | 6.9 | 0.5 | 22 | 1.70 | | 0.21 | 54 | 42 | 7800 |
| MAX | 7.0 | 2.8 | 7.1 | 3.2 | 0.0 | 0.0 | 7.0 | 0.8 | 23 | 1.77 | | 1.14 | 63 | 47 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|---------|---------|---------|----------------|---------|---------|---------------|---------|---------|------|------------|-----------|-------------|----------|
| | INF MGD | BOD MGD | TSS MGD | TSS LBS | % BOD REMOVAL | BOD MGD | BOD LBS | % TSS REMOVAL | TSS MGD | TSS LBS | PH | FECAL GEM7 | FECAL MGD | AMMONIA MGD | |
| 12/01/09 | 0.493 | 192 | 789 | 130 | 535 | 0.462 | 2.1 | 99% | 1.5 | 4 | 7.0 | 78.0 | 0.04 | 0.15 | |
| 12/02/09 | 0.539 | 316 | 1420 | 475 | 2135 | 0.500 | 8 | 99% | 1.0 | 4 | 7.0 | 35.0 | | | |
| 12/03/09 | 0.440 | 409 | 1501 | 515 | 1890 | 0.414 | 2.3 | 99% | 1.0 | 3 | 6.9 | | | | |
| 12/04/09 | 0.479 | | | | | 0.452 | | | | | 6.9 | | | | |
| 12/05/09 | 0.475 | | | | | 0.449 | | | | | 6.8 | | | | |
| 12/06/09 | 0.516 | | | | | 0.448 | | | | | 6.8 | | | | |
| 12/07/09 | 0.528 | | | | | 0.475 | | | | | 6.9 | | | | |
| 12/08/09 | 0.516 | 300 | 1291 | 470 | 2023 | 0.468 | 2.4 | 99% | 1.5 | 3 | 7.0 | 33.0 | 0.03 | 0.12 | |
| 12/09/09 | 0.504 | 394 | 1656 | 690 | 2900 | 0.477 | 2.1 | 99% | 1.3 | 4 | 7.0 | 70.0 | 52 | | |
| 12/10/09 | 0.524 | 224 | 979 | 190 | 830 | 0.484 | 4.7 | 98% | 1.5 | 5 | 6.9 | | | | |
| 12/11/09 | 0.491 | | | | | 0.473 | | | | | 6.9 | | | | |
| 12/12/09 | 0.470 | | | | | 0.463 | | | | | 6.8 | | | | |
| 12/13/09 | 0.498 | | | | | 0.436 | | | | | 6.9 | | | | |
| 12/14/09 | 0.537 | | | | | 0.492 | | | | | 6.9 | | | | |
| 12/15/09 | 0.563 | 261 | 1269 | 365 | 1775 | 0.529 | 3.9 | 99% | 4.0 | 18 | 7.0 | 68 | 0.03 | 0.13 | |
| 12/16/09 | 0.537 | 277 | 1241 | 580 | 2598 | 0.513 | 3.3 | 99% | 2.7 | 9 | 6.9 | 29 | 49 | | |
| 12/17/09 | 0.482 | 224 | 919 | 455 | 1867 | 0.480 | 3.1 | 99% | 2.0 | 8 | 6.9 | | | | |
| 12/18/09 | 0.457 | | | | | 0.458 | | | | | 7.0 | | | | |
| 12/19/09 | 0.475 | | | | | 0.458 | | | | | 7.0 | | | | |
| 12/20/09 | 0.512 | | | | | 0.472 | | | | | 7.0 | | | | |
| 12/21/09 | 0.549 | | | | | 0.524 | | | | | 6.9 | | | | |
| 12/22/09 | 0.485 | 322 | 1302 | 480 | 1942 | 0.465 | 2.5 | 98% | 1.0 | 4 | 7.0 | 74 | 0.03 | 0.12 | |
| 12/23/09 | 0.482 | 294 | 1206 | 515 | 2113 | 0.469 | 1.7 | 99% | 2.0 | 8 | 7.0 | 32 | 53 | | |
| 12/24/09 | 0.471 | 211 | 829 | 625 | 2455 | 0.448 | 2.4 | 98% | 1.0 | 4 | 6.9 | | | | |
| 12/25/09 | 0.422 | | | | | 0.400 | | | | | 6.9 | | | | |
| 12/26/09 | 0.461 | | | | | 0.431 | | | | | 6.9 | | | | |
| 12/27/09 | 0.513 | | | | | 0.457 | | | | | 6.9 | | | | |
| 12/28/09 | 0.478 | | | | | 0.442 | | | | | 7.0 | | | | |
| 12/29/09 | 0.486 | 306 | 1266 | 555 | 2709 | 0.444 | 2.5 | 99% | 1.0 | 4 | 7.0 | 33 | 0.04 | 0.15 | |
| 12/30/09 | 0.521 | 285 | 1238 | 475 | 2064 | 0.474 | 2.5 | 99% | 3.0 | 10 | 7.0 | 32 | 33 | | |
| 12/31/09 | 0.584 | 290 | 1405 | 475 | 2302 | 0.527 | 2.4 | 99% | 3.5 | 11 | 7.0 | | | | |
| TOTAL | 15.535 | | | | | 0.474 | | 159 | | 110 | | | | 0.67 | |
| MIN | 0.422 | | | | | 1 | | | | | 6.8 | | | | |
| AVG | 0.501 | 287 | 1221 | 473 | 2009 | 0.467 | 2.6 | 99.1% | 1.8 | 7 | 7.0 | 45 | 0.03 | 0.13 | |
| MAX | 0.593 | 409 | 1656 | 690 | 2900 | 0.529 | 3.4 | | 2.7 | 11 | 7.0 | 57 | 0.04 | 0.15 | |
| AVG. | | | | | | | | | | | AVG. | FECAL GEM7 | | | |
| PERMIT | 2.0 MGD | | | | | 3107 | 30 | 85% | 30 | 475 | 700 | 6 | 200 | 400 | 356 |
| AVG. | | | | | | | | | | | AVG. | AVG. | | | lbs |
| LIMITS | | | | | | | | | | | AVG. | MAX | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK MORGAN CERTIFICATION IV SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA002401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 12/01/09 | 6.8 | 1.1 | 6.8 | 2.3 | | | 6.7 | 0.4 | 21 | | 0.00 | 49 | 42 | 0 |
| 12/02/09 | 6.8 | 1.5 | 6.8 | 3.1 | | | 6.5 | 5.6 | 17 | 0.78 | 0.00 | 54 | 33 | 0 |
| 12/03/09 | 6.6 | 1.4 | 6.7 | 1.7 | | | 6.4 | 3.2 | 17 | | 0.00 | 54 | 35 | 0 |
| 12/04/09 | 6.6 | 1.7 | 6.7 | 1.7 | | | 6.5 | 1.7 | 17 | | 0.00 | 49 | 28 | 0 |
| 12/05/09 | 6.8 | 1.4 | 6.9 | 0.9 | | | 6.4 | 1.3 | 17 | | 0.01 | 41 | 27 | 0 |
| 12/06/09 | 6.8 | 2.9 | 7.0 | 0.7 | | | 6.4 | 0.5 | 17 | | 0.00 | 45 | 32 | 0 |
| 12/07/09 | 6.8 | 0.5 | 6.7 | 0.3 | | | 6.5 | 0.5 | 17 | | 0.00 | 38 | 26 | 0 |
| 12/08/09 | 6.8 | 0.5 | 7.0 | 1.4 | | | 6.5 | 0.5 | 17 | | 0.00 | 33 | 17 | 0 |
| 12/09/09 | 6.8 | 0.5 | 7.0 | 0.5 | | | 6.5 | 0.6 | 17 | | 0.00 | 34 | 15 | 0 |
| 12/10/09 | 6.5 | 2.0 | 6.8 | 0.3 | | | 6.4 | 0.6 | 17 | | 0.00 | 33 | 15 | 0 |
| 12/11/09 | 6.8 | 0.5 | 6.8 | 1.6 | | | 6.5 | 0.6 | 17 | | 0.00 | 36 | 16 | 0 |
| 12/12/09 | 6.6 | 0.4 | 6.8 | 0.8 | | | 6.4 | 0.5 | 17 | | 0.00 | 36 | 25 | 0 |
| 12/13/09 | 7.0 | 0.5 | 7.0 | 0.3 | | | 6.5 | 0.6 | 18 | | 0.07 | 34 | 25 | 0 |
| 12/14/09 | 6.9 | 2.6 | 6.7 | 1.7 | | | 6.8 | 0.8 | 17 | 1.35 | 0.12 | 44 | 33 | 0 |
| 12/15/09 | 6.6 | 2.3 | 6.8 | 0.6 | | | 6.8 | 0.9 | 17 | | 1.01 | 44 | 37 | 0 |
| 12/16/09 | 6.7 | 3.3 | 6.9 | 0.5 | | | 6.8 | 0.7 | 17 | | 0.55 | 53 | 39 | 0 |
| 12/17/09 | 6.8 | 1.5 | 6.7 | 1.6 | | | 6.8 | 1.0 | 17 | | 0.15 | 52 | 44 | 0 |
| 12/18/09 | 6.7 | 1.9 | 6.8 | 0.5 | | | 6.9 | 0.9 | 17 | | 0.06 | 49 | 43 | 0 |
| 12/19/09 | 6.8 | 1.2 | 6.8 | 0.9 | | | 6.9 | 0.9 | 17 | | 0.07 | 49 | 43 | 0 |
| 12/20/09 | 6.7 | 1.5 | 6.8 | 0.6 | | | 6.9 | 0.9 | 17 | | 0.07 | 46 | 45 | 0 |
| 12/21/09 | 6.6 | 0.3 | 6.9 | 0.2 | | | 6.8 | 1.0 | 17 | | 0.48 | 54 | 44 | 0 |
| 12/22/09 | 7.0 | 0.1 | 7.0 | 1.0 | | | 6.9 | 0.6 | 18 | 1.61 | 0.07 | 45 | 35 | 0 |
| 12/23/09 | 6.9 | 0.4 | 7.0 | 1.1 | | | 6.9 | 0.5 | 18 | | 0.01 | 43 | 31 | 0 |
| 12/24/09 | 6.9 | 0.7 | 6.9 | 0.8 | | | 7.0 | 0.4 | 18 | | 0.00 | 36 | 30 | 0 |
| 12/25/09 | 6.7 | 0.6 | 6.7 | 0.3 | | | 6.9 | 0.6 | 18 | | 0.00 | 38 | 26 | 0 |
| 12/26/09 | 6.9 | 0.8 | 6.9 | 1.8 | | | 6.7 | 0.8 | 18 | | 0.00 | 47 | 37 | 0 |
| 12/27/09 | 6.9 | 0.7 | 6.7 | 1.3 | | | 6.7 | 0.4 | 17 | | 0.00 | 46 | 31 | 0 |
| 12/28/09 | 6.9 | 2.5 | 6.7 | 1.9 | | | 7.0 | 0.5 | 17 | 1.70 | 0.00 | 42 | 31 | 78000 |
| 12/29/09 | 6.9 | 0.7 | 6.8 | 1.3 | | | 7.0 | 0.6 | 17 | | 0.00 | 46 | 27 | 78000 |
| 12/30/09 | 6.7 | 0.9 | 6.8 | 0.6 | | | 6.9 | 0.7 | 17 | | 0.17 | 37 | 33 | 78000 |
| 12/31/09 | 6.7 | 2.7 | 6.9 | 0.3 | | | 6.9 | 0.5 | 17 | | 0.63 | 40 | 36 | 0 |
| TOTAL | | | | | | | | | | | 3.47 | | | 234000 |
| MIN | 6.5 | 0.1 | 6.7 | 0.2 | 0.0 | 0.0 | 6.4 | 0.4 | 17 | 0.78 | 0.00 | 33 | 15 | 0 |
| AVG | 6.8 | 1.3 | 6.8 | 1.1 | ### | ### | 6.7 | 0.9 | 17 | 1.36 | 0.11 | 43 | 32 | 7548 |
| MAX | 7.0 | 3.3 | 7.0 | 3.1 | 0.0 | 0.0 | 7.0 | 5.6 | 21 | 1.70 | 1.01 | 54 | 45 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | |
|----------------|---------|---------|---------|-------------|---------|---------|---------|---------------|---------|----------------|---------|---------|---------|---------|--------------|---------|---------|---------|------|---------------|------------|-------------|-----------------|
| DATE | INF MGD | BOD MGD | TSS MGD | TSS LBS/DAY | EFF MGD | BOD MGD | BOD AVG | % BOD REMOVAL | LBS BOD | LBS BOD | LBS BOD | TSS MGD | TSS MGD | TSS MGD | % TSS REMOVE | LBS TSS | LBS TSS | LBS TSS | PH | FECAL #/100ml | FECAL GEM7 | AMMONIA MGD | AMMONIA LBS/DAY |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 01/01/10 | 0.480 | | | | 0.446 | | | | | | | | | | | | | | 7.0 | | | | |
| 01/02/10 | 0.478 | | | | 0.439 | | | | | | | | | | | | | | 6.9 | | | | |
| 01/03/10 | 0.537 | | | | 0.452 | | | | | | | | | | | | | | 6.9 | | | | |
| 01/04/10 | 0.584 | | | | 0.525 | | | | | | | | | | | | | | 7.0 | | | | |
| 01/05/10 | 0.575 | 244 | 1170 | 425 | 2038 | 0.502 | 3.3 | 98% | 14 | | | 3.0 | | | 13 | | | 7.0 | 33 | | 0.03 | 0.13 | |
| 01/06/10 | 0.503 | 248 | 1040 | 340 | 1426 | 0.481 | 3.4 | 99% | 14 | 14 | | 2.0 | 2.3 | 99% | 3 | 10 | | 7.0 | 12 | 22 | | | |
| 01/07/10 | 0.526 | 248 | 1088 | 365 | 1601 | 0.469 | 3.6 | 99% | 14 | | | 2 | | 99% | 3 | | | 7.0 | | | | | |
| 01/08/10 | 0.455 | | | | 0.416 | | | | | | | | | | | | | 6.9 | | | | | |
| 01/09/10 | 0.491 | | | | 0.456 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/10/10 | 0.517 | | | | 0.448 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/11/10 | 0.534 | | | | 0.487 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/12/10 | 0.539 | 205 | 922 | 790 | 3551 | 0.504 | 4.6 | 98% | 19 | | | 4.5 | | 99% | 19 | | | 6.9 | 18 | | 0.03 | 0.13 | |
| 01/13/10 | 0.533 | 250 | 1111 | 700 | 3112 | 0.494 | 4.2 | 98% | 17 | 17 | | 1.0 | 2.5 | 100% | 4 | 10 | | 6.9 | 30 | 24 | | | |
| 01/14/10 | 0.488 | 283 | 1152 | 520 | 2116 | 0.461 | 3.9 | 99% | 15 | | | 2.0 | | 100% | 8 | | | 6.9 | | | | | |
| 01/15/10 | 0.501 | | | | 0.494 | | | | | | | | | | | | | 6.9 | | | | | |
| 01/16/10 | 0.474 | | | | 0.453 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/17/10 | 0.538 | | | | 0.497 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/18/10 | 0.482 | | | | 0.452 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/19/10 | 0.460 | 252 | 967 | 310 | 1189 | 0.444 | 4.5 | 98% | 17 | | | 3.0 | | 99% | 11 | | | 7.0 | 18 | | 0.04 | 0.15 | |
| 01/20/10 | 0.440 | 274 | 1005 | 300 | 1101 | 0.438 | 4.0 | 3.6 | 99% | 15 | 19 | 2.0 | 2.5 | 99% | 7 | 9 | | 7.0 | 18 | 18 | | | |
| 01/21/10 | 0.439 | 227 | 831 | 215 | 787 | 0.430 | 7.0 | 97% | 25 | | | 2.5 | | 99% | 9 | | | 7.0 | | | | | |
| 01/22/10 | 0.419 | | | | 0.441 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/23/10 | 0.440 | | | | 0.431 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/24/10 | 0.537 | | | | 0.492 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/25/10 | 0.472 | | | | 0.463 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/26/10 | 0.453 | 233 | 880 | 290 | 1096 | 0.444 | 3.5 | 98% | 13 | | | 1.5 | | 99% | 6 | | | 6.9 | | | | | |
| 01/27/10 | 0.459 | 332 | 1271 | 350 | 1340 | 0.440 | 4.0 | 3.8 | 99% | 15 | 14 | 3.0 | 2.3 | 99% | 11 | 9 | | 7.0 | 38 | | 0.03 | 0.11 | |
| 01/28/10 | 0.440 | 242 | 888 | 265 | 972 | 0.439 | 4.1 | 98% | 15 | | | 2.5 | | 99% | 9 | | | 7.0 | | | | | |
| 01/29/10 | 0.435 | | | | 0.441 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/30/10 | 0.442 | | | | 0.427 | | | | | | | | | | | | | 7.0 | | | | | |
| 01/31/10 | 0.495 | | | | 0.496 | | | | | | | | | | | | | | | | | | |
| TOTAL | 15.166 | | | | 14.242 | | | | 192 | | | | | | 112 | | | | | | | | 0.52 |
| MIN | 0.419 | | | | | | | | | | | | | | | | | | 6.9 | | | | |
| AVG | 0.489 | 253 | 1027 | 406 | 1694 | 0.459 | 4.2 | 98.4% | 16 | | | 2.4 | | 99.4% | 9 | 10.0 | | 7.0 | 22 | | 0.03 | 0.13 | |
| MAX | 0.584 | 332 | 1271 | 790 | 3551 | 0.525 | 4.2 | | 19 | | | 2.5 | | | | | | 7.0 | 26 | | 0.04 | 0.15 | |
| AVG. | | AVG. | | | AVG. | | | | | | | | | | | | | AVG. | AVG. | AVG. | AVG. | | |
| PERMIT | 24 MGD | | | | 3107 | 30 | mg/l | 85% | 466 | 700 | 30 | mg/l | 45 | 45 | 475 | 700 | 6 | 200 | 400 | | | 356 | lbs |
| AVG. | | | | | | | | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | DO | PH | DO | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 01/01/10 | 6.8 | 1.0 | 6.9 | 0.8 | | | 6.9 | 1.8 | 13 | | | | 0.51 | 53 | 37 | 0 | |
| 01/02/10 | 6.8 | 0.3 | 6.8 | 1.3 | | | 6.8 | 1.1 | 13 | | | | 0.11 | 51 | 47 | 0 | |
| 01/03/10 | 6.7 | 0.2 | 6.8 | 0.7 | | | 6.8 | 0.7 | 14 | | 0.81 | | 0.05 | 51 | 42 | 0 | |
| 01/04/10 | 6.5 | 2.4 | 6.9 | 0.3 | | | 6.8 | 0.7 | 14 | | | | 0.41 | 47 | 42 | 0 | |
| 01/05/10 | 6.7 | 3.0 | 6.8 | 0.9 | | | 6.8 | 0.6 | 14 | | | | 0.20 | 49 | 43 | 0 | |
| 01/06/10 | 6.7 | 0.8 | 6.9 | 0.5 | | | 6.9 | 0.7 | 14 | | | | 0.36 | 50 | 45 | 0 | |
| 01/07/10 | 6.7 | 0.4 | 6.9 | 1.3 | | | 6.9 | 0.5 | 14 | | | | 0.00 | 50 | 43 | 0 | |
| 01/08/10 | 6.8 | 2.6 | 6.9 | 1.5 | | | 7.0 | 0.6 | 14 | | | | 0.25 | 49 | 38 | 0 | |
| 01/09/10 | 6.8 | 1.0 | 6.9 | 1.4 | | | 7.0 | 0.5 | 14 | | | | 0.35 | 47 | 38 | 0 | |
| 01/10/10 | 6.8 | 1.4 | 6.9 | 1.6 | | | 7.0 | 0.6 | 14 | | | | 0.00 | 45 | 36 | 0 | |
| 01/11/10 | 6.8 | 0.4 | 6.9 | 2.1 | | | 6.9 | 0.7 | 15 | | 1.06 | | 0.07 | 46 | 40 | 0 | |
| 01/12/10 | 6.7 | 3.9 | 6.8 | 0.6 | | | 6.9 | 0.8 | 15 | | | | 0.41 | 45 | 41 | 0 | |
| 01/13/10 | 6.8 | 0.4 | 6.9 | 1.0 | | | 6.9 | 0.6 | 15 | | | | 0.26 | 53 | 44 | 0 | |
| 01/14/10 | 6.7 | 1.7 | 6.7 | 1.4 | | | 6.9 | 0.5 | 15 | | | | 0.18 | 51 | 45 | 0 | |
| 01/15/10 | 6.8 | 1.0 | 6.8 | 1.0 | | | 6.9 | 0.5 | 15 | | | | 0.05 | 55 | 43 | 0 | |
| 01/16/10 | 6.9 | 0.6 | 6.7 | 0.5 | | | 6.9 | 0.5 | 15 | | | | 0.68 | 50 | 44 | 0 | |
| 01/17/10 | 6.8 | 0.3 | 6.7 | 0.5 | | | 6.9 | 0.7 | 15 | | | | 0.11 | 52 | 47 | 0 | |
| 01/18/10 | 6.8 | 0.5 | 6.7 | 0.6 | | | 6.9 | 0.6 | 15 | | | | 0.24 | 56 | 45 | 0 | |
| 01/19/10 | 6.9 | 0.6 | 6.7 | 0.5 | | | 6.9 | 0.7 | 15 | | | | 0.01 | 60 | 49 | 0 | |
| 01/20/10 | 6.9 | 0.5 | 6.7 | 0.5 | | | 6.9 | 0.6 | 15 | | | | 0.13 | 60 | 41 | 0 | |
| 01/21/10 | 6.8 | 0.9 | 6.8 | 0.2 | | | 6.7 | 0.4 | 16 | | 1.71 | | 0.01 | 54 | 42 | 0 | |
| 01/22/10 | 6.8 | 0.8 | 6.8 | 0.5 | | | 6.7 | 0.5 | 16 | | | | 0.00 | 59 | 39 | 0 | |
| 01/23/10 | 6.8 | 0.8 | 6.8 | 1.4 | | | 6.7 | 0.5 | 16 | | | | 0.24 | 50 | 41 | 0 | |
| 01/24/10 | 6.9 | 0.3 | 6.8 | 0.8 | | | 6.7 | 0.7 | 16 | | | | 0.13 | 52 | 38 | 0 | |
| 01/25/10 | 6.7 | 2.3 | 6.7 | 0.2 | | | 6.8 | 0.6 | 16 | | | | 0.66 | 48 | 41 | 82666 | |
| 01/26/10 | 6.8 | 1.0 | 6.8 | 0.8 | | | 6.8 | 0.5 | 17 | | | | 0.00 | 51 | 41 | 82666 | |
| 01/27/10 | 6.8 | 1.2 | 6.9 | 0.5 | | | 6.8 | 0.6 | 17 | | | | 0.07 | 50 | 37 | 82666 | |
| 01/28/10 | 6.8 | 1.0 | 6.9 | 0.5 | | | 6.9 | 7.8 | 12 | | | | 0.00 | 53 | 42 | 0 | |
| 01/29/10 | 6.8 | 1.0 | 6.9 | 0.5 | | | 6.9 | 7.6 | 12 | | | | 0.00 | 54 | 45 | 0 | |
| 01/30/10 | 6.8 | 1.0 | 6.9 | 0.5 | | | 6.8 | 7.0 | 13 | | | | 0.06 | 54 | 43 | 0 | |
| 01/31/10 | 6.8 | 1.1 | 6.9 | 0.5 | | | 6.8 | 7.2 | 13 | | | | 0.09 | 48 | 44 | 0 | |
| TOTAL | | | | | | | | | | | | | 5.6 | | | 247988 | |
| MIN | 6.6 | 0.2 | 6.7 | 0.2 | 0.0 | 0.0 | 6.7 | 0.4 | 12 | 0.81 | 0.00 | 0.81 | 0.00 | 45 | 36 | 0 | |
| AVG | 6.8 | 1.1 | 6.8 | 0.8 | ### | ### | 6.9 | 1.5 | 15 | 1.19 | 0.18 | 1.19 | 0.18 | 51 | 42 | 8000 | |
| MAX | 6.9 | 3.9 | 6.9 | 2.1 | 0.0 | 0.0 | 7.0 | 7.8 | 17 | 1.71 | 0.68 | 1.71 | 0.68 | 60 | 49 | 82666 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | POINT EFFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | |
|----------|----------------|------------|----------------|------------|----------------|--------------|---------------|------------|------------|------------|------------|--------------|------------|------------|-----|----------------|----------|----------------|----------------|--------------------|
| | BOD MGL | TSS MGL | THP LIBRARY | EFF MGD | BOD AVG | % REMOVED | BOD DIBCHL | LBS BOD | LBS BOD | TSS MGL | TSS MGL | % REMOVED | LBS TSS | LBS TSS | PH | FECAL GEN 7 | | FECAL GEN 7 | AMMONIA MGL | AMMONIA LIBRARY |
| 02/01/10 | 0.523 | | | 0.508 | | | | | | | | | | | 7.0 | | | | | |
| 02/02/10 | 0.481 | 192 | 770 | 210 | 842 | 0.451 | 4.0 | 96% | 16 | 1.0 | 100% | 4 | 6.9 | 28 | 6.9 | 32 | 30 | 0.03 | 0.11 | |
| 02/03/10 | 0.530 | 185 | 818 | 190 | 840 | 0.489 | 4.1 | 96% | 17 | 2.0 | 99% | 8 | 6.9 | 32 | 6.9 | 32 | | | | |
| 02/04/10 | 0.528 | 205 | 903 | 205 | 903 | 0.495 | 3.2 | 96% | 13 | 1.5 | 99% | 6 | 7.0 | | | | | | | |
| 02/05/10 | 0.482 | | | 0.477 | | | | | | | | | | | 7.0 | | | | | |
| 02/06/10 | 0.436 | | | 0.428 | | | | | | | | | | | 7.0 | | | | | |
| 02/07/10 | 0.477 | | | 0.436 | | | | | | | | | | | 7.0 | | | | | |
| 02/08/10 | 0.516 | | | 0.473 | | | | | | | | | | | 7.0 | | | | | |
| 02/09/10 | 0.497 | 226 | 937 | 305 | 1264 | 0.469 | 3.1 | 96% | 12 | 3.0 | 99% | 12 | 7.0 | 40 | 7.0 | 40 | 0.03 | 0.12 | | |
| 02/10/10 | 0.540 | 245 | 1103 | 265 | 1193 | 0.496 | 3.9 | 96% | 16 | 1.5 | 99% | 6 | 7.0 | 33 | 7.0 | 33 | 96 | | | |
| 02/11/10 | 0.544 | 238 | 1080 | 265 | 1202 | 0.511 | 3.0 | 96% | 13 | 3.0 | 99% | 13 | 6.9 | | | | | | | |
| 02/12/10 | 0.556 | | | 0.534 | | | | | | | | | | | 7.0 | | | | | |
| 02/13/10 | 0.521 | | | 0.482 | | | | | | | | | | | 7.0 | | | | | |
| 02/14/10 | 0.513 | | | 0.465 | | | | | | | | | | | 6.9 | | | | | |
| 02/15/10 | 0.576 | | | 0.510 | | | | | | | | | | | 7.0 | | | | | |
| 02/16/10 | 0.516 | 231 | 994 | 310 | 1334 | 0.496 | 3.5 | 96% | 14 | 1.0 | 100% | 4 | 7.0 | 38 | 7.0 | 38 | 0.04 | 0.17 | | |
| 02/17/10 | 0.442 | 221 | 815 | 190 | 700 | 0.461 | 3.3 | 96% | 13 | 2.0 | 99% | 8 | 7.0 | 78 | 7.0 | 78 | 98 | | | |
| 02/18/10 | 0.479 | 193 | 771 | 300 | 1198 | 0.468 | 3.8 | 96% | 15 | 2.0 | 99% | 8 | 7.0 | | | | | | | |
| 02/19/10 | 0.456 | | | 0.476 | | | | | | | | | | | 7.0 | | | | | |
| 02/20/10 | 0.467 | | | 0.462 | | | | | | | | | | | 7.0 | | | | | |
| 02/21/10 | 0.485 | | | 0.480 | | | | | | | | | | | 7.0 | | | | | |
| 02/22/10 | 0.479 | | | 0.458 | | | | | | | | | | | 7.0 | | | | | |
| 02/23/10 | 0.506 | 256 | 1080 | 315 | 1329 | 0.477 | 3.3 | 96% | 13 | 1.5 | 100% | 6 | 7.0 | 36 | 7.0 | 36 | 0.03 | 0.12 | | |
| 02/24/10 | 0.488 | 210 | 855 | 215 | 875 | 0.486 | 3.5 | 96% | 14 | 2.5 | 99% | 10 | 8 | 7.0 | 30 | 33 | | | | |
| 02/25/10 | 0.539 | 183 | 823 | 210 | 944 | 0.478 | 2.6 | 96% | 10 | 2.0 | 99% | 8 | 6.9 | | | | | | | |
| 02/26/10 | 0.511 | | | 0.516 | | | | | | | | | | | 6.7 | | | | | |
| 02/27/10 | 0.467 | | | 0.451 | | | | | | | | | | | 6.8 | | | | | |
| 02/28/10 | 0.510 | | | 0.455 | | | | | | | | | | | 6.9 | | | | | |
| TOTAL | 14.065 | | | 13.368 | | | | | 187 | | | 83 | | | | | | | 0.52 | |
| MIN | 0.436 | | | | | | | | | | | | | | 6.7 | | | | | |
| AVG | 0.502 | 215 | 912 | 248 | 1052 | 0.477 | 3.4 | 96.7% | 14 | 1.9 | 99.2% | 8 | 10.0 | 7.0 | 37 | 37 | 0.03 | 0.13 | | |
| MAX | 0.576 | 256 | 1103 | 315 | 1334 | 0.534 | 3.7 | | | 2.5 | | | 10.0 | 7.0 | 58 | 58 | 0.04 | 0.17 | | |
| AVG | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 0.510 | 3107 | | 3160 | | 30 | 30 | 95% | 466 | 30 | 30 | 415 | 700 | 6 | 200 | 400 | | 366 | lbs | |
| LIMITS | | | | | | | | | | | | | | | | | | | | lbs |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK WORGAN CERTIFICATION IV

SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 02/01/10 | 6.8 | 0.7 | 6.8 | 1.8 | | | 6.7 | 2.3 | 13 | | 0.02 | 53 | 36 | 0 |
| 02/02/10 | 6.8 | 0.5 | 6.8 | 1.0 | | | 6.6 | 1.7 | 15 | 0.90 | 0.20 | 50 | 42 | 0 |
| 02/03/10 | 6.8 | 0.9 | 6.7 | 0.7 | | | 6.6 | 1.1 | 16 | | 0.14 | 54 | 42 | 0 |
| 02/04/10 | 6.8 | 0.7 | 6.8 | 0.6 | | | 6.7 | 0.8 | 16 | | 0.18 | 51 | 42 | 0 |
| 02/05/10 | 6.7 | 0.6 | 6.7 | 0.8 | | | 6.7 | 0.8 | 16 | | 0.28 | 53 | 44 | 0 |
| 02/06/10 | 7.0 | 1.6 | 6.6 | 0.8 | | | 6.7 | 0.6 | 17 | | 0.00 | 60 | 42 | 0 |
| 02/07/10 | 6.9 | 2.7 | 6.7 | 1.8 | | | 6.7 | 0.4 | 17 | | 0.02 | 56 | 44 | 0 |
| 02/08/10 | 5.8 | 2.0 | 6.7 | 2.9 | | | 6.6 | 0.5 | 18 | | 0.00 | 55 | 36 | 0 |
| 02/09/10 | 6.8 | 0.6 | 6.8 | 0.6 | | | 6.6 | 0.5 | 18 | 1.09 | 0.00 | 53 | 33 | 0 |
| 02/10/10 | 7.0 | 2.0 | 6.8 | 0.8 | | | 6.6 | 0.5 | 18 | | 0.14 | 59 | 33 | 0 |
| 02/11/10 | 7.0 | 0.6 | 6.9 | 0.8 | | | 6.7 | 0.6 | 19 | | 0.14 | 52 | 41 | 0 |
| 02/12/10 | 6.8 | 1.5 | 6.8 | 0.6 | | | 6.7 | 0.6 | 19 | | 0.50 | 52 | 43 | 0 |
| 02/13/10 | 6.9 | 1.2 | 6.8 | 1.4 | | | 6.8 | 0.5 | 19 | | 0.28 | 54 | 44 | 0 |
| 02/14/10 | 7.0 | 0.9 | 6.7 | 2.0 | | | 6.7 | 0.6 | 19 | | 0.23 | 52 | 47 | 0 |
| 02/15/10 | 7.0 | 1.0 | 6.7 | 1.5 | | | 6.7 | 0.6 | 19 | | 0.15 | 57 | 36 | 0 |
| 02/16/10 | 6.9 | 1.7 | 6.7 | 1.4 | | | 6.7 | 0.4 | 19 | 1.18 | 0.28 | 55 | 48 | 0 |
| 02/17/10 | 6.9 | 0.6 | 6.8 | 2.0 | | | 6.7 | 0.4 | 19 | | 0.00 | 58 | 34 | 0 |
| 02/18/10 | 7.0 | 1.5 | 6.8 | 2.1 | | | 6.7 | 0.5 | 19 | | 0.00 | 59 | 34 | 0 |
| 02/19/10 | 7.0 | 0.4 | 6.8 | 2.5 | | | 6.8 | 0.4 | 19 | | 0.00 | 62 | 32 | 0 |
| 02/20/10 | 7.0 | 0.5 | 6.8 | 2.5 | | | 6.8 | 0.5 | 19 | | 0.00 | 60 | 31 | 0 |
| 02/21/10 | 7.0 | 1.0 | 6.8 | 2.0 | | | 6.8 | 0.4 | 19 | | 0.00 | 59 | 29 | 0 |
| 02/22/10 | 7.0 | 0.8 | 6.8 | 1.8 | | | 6.8 | 0.5 | 19 | | 0.00 | 57 | 30 | 82686 |
| 02/23/10 | 7.0 | 0.4 | 6.8 | 0.3 | | | 6.7 | 0.7 | 19 | 1.32 | 0.02 | 58 | 34 | 82686 |
| 02/24/10 | 7.0 | 1.2 | 6.8 | 1.6 | | | 6.7 | 0.6 | 19 | | 0.29 | 52 | 42 | 82686 |
| 02/25/10 | 6.8 | 1.1 | 6.7 | 2.8 | | | 6.8 | 0.7 | 19 | | 0.11 | 54 | 43 | 0 |
| 02/26/10 | 7.0 | 1.0 | 6.6 | 1.5 | | | 6.8 | 0.5 | 19 | | 0.58 | 58 | 47 | 0 |
| 02/27/10 | 7.0 | 0.8 | 6.9 | 1.9 | | | 6.9 | 0.6 | 19 | | 0.11 | 57 | 48 | 0 |
| 02/28/10 | 6.9 | 0.4 | 6.7 | 1.1 | | | 7.0 | 0.6 | 19 | | 0.05 | 58 | 44 | 0 |
| TOTAL | | | | | | | | | | | 4 | | | 247998 |
| MIN | 6.7 | 0.4 | 6.6 | 0.3 | 0.0 | 0.0 | 6.6 | 0.4 | 13 | 0.90 | 0.00 | 50 | 29 | 0 |
| AVG | 6.9 | 1.0 | 6.8 | 1.5 | ### | ### | 6.7 | 0.7 | 18 | 1.12 | 0.13 | 56 | 39 | 8857 |
| MAX | 7.0 | 2.7 | 6.9 | 2.9 | 0.0 | 0.0 | 7.0 | 2.3 | 19 | 1.32 | 0.58 | 62 | 48 | 82686 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | | | |
|----------|----------------|---------|---------|-------------|----------------|---------|---------------|---------------|---------------|---------------|---------|---------|--------------|---------------|---------------|---------------|----------|------|---------------|------------|-------------|-----------------|
| | INF MGD | BOD MGL | TSS MGL | TSS LBS/DAY | EFF MGD | BOD MGL | % BOD REMOVAL | LBS BOD/DISCH | LBS BOD/DISCH | LBS BOD/DISCH | TSS MGL | TSS MGL | % TSS REMOVE | LBS TSS/DISCH | LBS TSS/DISCH | LBS TSS/DISCH | | PH | FECAL #/100ml | FECAL GEN7 | AMMONIA MGL | AMMONIA LBS/DAY |
| 03/01/10 | 0.506 | | | | 0.469 | | | | | | | | | | | | 6.9 | 7.0 | 34 | 0.03 | 0.11 | |
| 03/02/10 | 0.485 | 230 | 180 | 743 | 0.467 | 2.8 | 99% | 11 | 1.0 | 1.0 | 1.0 | 100% | 4 | 4 | 4 | 7.0 | 33 | 34 | | | | |
| 03/03/10 | 0.486 | 209 | 847 | 240 | 0.459 | 2.5 | 99% | 10 | 1.0 | 1.0 | 1.0 | 100% | 4 | 4 | 4 | 7.0 | 33 | 34 | | | | |
| 03/04/10 | 0.501 | 156 | 652 | 100 | 0.481 | 4.0 | 97% | 15 | 1.0 | 1.0 | 1.0 | 99% | 4 | 4 | 4 | 6.9 | | | | | | |
| 03/05/10 | 0.481 | | | | 0.482 | | | | | | | | | | | 7.0 | | | | | | |
| 03/06/10 | 0.455 | | | | 0.443 | | | | | | | | | | | 7.0 | | | | | | |
| 03/07/10 | 0.534 | | | | 0.452 | | | | | | | | | | | 7.0 | | | | | | |
| 03/08/10 | 0.484 | | | | 0.449 | | | | | | | | | | | 7.0 | | | | | | |
| 03/09/10 | 0.514 | 257 | 1102 | 330 | 0.466 | 3.9 | 98% | 15 | 1.5 | 2.3 | 100% | 6 | 6 | 6 | 7.0 | 30.0 | 30 | 0.03 | 0.12 | | | |
| 03/10/10 | 0.488 | 216 | 897 | 230 | 0.457 | 3.8 | 98% | 15 | 2.0 | 2.3 | 99% | 8 | 10 | 10 | 7.0 | 37.0 | 33 | | | | | |
| 03/11/10 | 0.585 | 226 | 1103 | 190 | 0.510 | 3.6 | 98% | 15 | 3.5 | 3.5 | 98% | 15 | 15 | 15 | 7.0 | | | | | | | |
| 03/12/10 | 0.521 | | | | 0.505 | | | | | | | | | | | 7.0 | | | | | | |
| 03/13/10 | 0.472 | | | | 0.429 | | | | | | | | | | | 7.0 | | | | | | |
| 03/14/10 | 0.476 | | | | 0.472 | | | | | | | | | | | 7.0 | | | | | | |
| 03/15/10 | 0.460 | | | | 0.456 | | | | | | | | | | | 7.0 | | | | | | |
| 03/16/10 | 0.449 | 202 | 756 | 180 | 0.451 | 4.9 | 98% | 18 | 3.0 | 3.1 | 98% | 11 | 11 | 11 | 7.0 | 38 | 38 | 0.04 | 0.15 | | | |
| 03/17/10 | 0.446 | 242 | 900 | 190 | 0.435 | 3.3 | 99% | 12 | 1.4 | 3.0 | 100% | 4 | 6 | 6 | 7.0 | 82 | 73 | | | | | |
| 03/18/10 | 0.469 | 182 | 712 | 190 | 0.458 | 3.3 | 98% | 13 | 3.5 | 3.5 | 98% | 13 | 13 | 13 | 7.0 | | | | | | | |
| 03/19/10 | 0.427 | | | | 0.441 | | | | | | | | | | | 7.0 | | | | | | |
| 03/20/10 | 0.430 | | | | 0.411 | | | | | | | | | | | 7.1 | | | | | | |
| 03/21/10 | 0.486 | | | | 0.428 | | | | | | | | | | | 7.1 | | | | | | |
| 03/22/10 | 0.491 | | | | 0.457 | | | | | | | | | | | 7.0 | | | | | | |
| 03/23/10 | 0.476 | 208 | 826 | 230 | 0.451 | 3.2 | 98% | 12 | 1.5 | 1.5 | 99% | 6 | 6 | 6 | 7.0 | 84 | | 0.03 | 0.11 | | | |
| 03/24/10 | 0.459 | 292 | 1118 | 330 | 0.448 | 3.2 | 99% | 12 | 1.0 | 1.5 | 100% | 4 | 6 | 6 | 7.0 | 82 | 73 | | | | | |
| 03/25/10 | 0.457 | 155 | 591 | 240 | 0.448 | 3.0 | 98% | 11 | 2.0 | 2.0 | 99% | 7 | 7 | 7 | 7.0 | | | | | | | |
| 03/26/10 | 0.416 | | | | 0.444 | | | | | | | | | | | 6.9 | | | | | | |
| 03/27/10 | 0.422 | | | | 0.402 | | | | | | | | | | | 7.1 | | | | | | |
| 03/28/10 | 0.474 | | | | 0.425 | | | | | | | | | | | 7.0 | | | | | | |
| 03/29/10 | 0.507 | | | | 0.487 | | | | | | | | | | | 7.0 | | | | | | |
| 03/30/10 | 0.465 | 308 | 1194 | 430 | 0.445 | 3.0 | 99% | 11 | 2.5 | 3.0 | 99% | 9 | 11 | 11 | 7.0 | 40 | | 0.03 | 0.11 | | | |
| 03/31/10 | 0.434 | 291 | 1053 | 265 | 0.408 | 3.3 | 99% | 11 | 3.5 | 3.0 | 99% | 12 | 11 | 11 | 7.0 | 30 | 35 | | | | | |
| TOTAL | 14.786 | | | | 13.986 | | | 182 | | | | | 114 | | | | | | | | 0.60 | |
| MIN | 0.416 | | | | | | | | | | | | | | | 6.9 | | | | | | |
| AVG | 0.477 | 227 | 807 | 238 | 0.451 | 3.4 | 98.5% | 13 | 2.1 | 3.1 | 99.1% | 8 | | | 40 | | | 0.03 | 0.12 | | | |
| MAX | 0.585 | 308 | 1194 | 430 | 0.510 | 3.8 | | | | | | | | | 12.0 | 7.1 | 73 | 0.04 | 0.15 | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.1 mg/l | 3107 | 3160 | 3160 | 30 | 30 | 85% | 486 | 700 | 30 | 30 | 85% | 475 | 700 | 6 | 200 | 400 | | | 368 | lbs | |
| AVG. | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment for knowing violations.

MARK MORGAN CERTIFICATION IV SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|--------------|-----------|----------|----------|-------------------------|---|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 03/01/10 | 6.6 | 1.5 | 6.9 | 0.6 | | | 6.9 | 0.3 | 19 | 1.40 | 0.00 | 56 | 39 | 0 |
| 03/02/10 | 6.8 | 0.9 | 7.0 | 0.3 | | | 6.9 | 0.4 | 19 | | 0.00 | 59 | 43 | 0 |
| 03/03/10 | 6.7 | 0.2 | 7.0 | 0.2 | | | 6.9 | 0.4 | 19 | | 0.05 | 55 | 40 | 0 |
| 03/04/10 | 6.8 | 1.1 | 6.8 | 0.6 | | | 7.0 | 0.5 | 19 | | 0.00 | 56 | 39 | 0 |
| 03/05/10 | 6.8 | 1.3 | 6.8 | 0.2 | | | 6.9 | 0.6 | 19 | | 0.00 | 56 | 38 | 0 |
| 03/06/10 | 6.8 | 1.0 | 6.9 | 0.6 | | | 6.9 | 0.5 | 19 | | 0.00 | 60 | 37 | 0 |
| 03/07/10 | 6.9 | 0.5 | 6.9 | 0.2 | | | 7.0 | 0.6 | 19 | | 0.00 | 66 | 36 | 0 |
| 03/08/10 | 6.8 | 2.2 | 6.9 | 0.3 | | | 6.8 | 0.4 | 19 | 1.63 | 0.19 | 56 | 38 | 0 |
| 03/09/10 | 6.8 | 2.7 | 6.9 | 0.2 | | | 6.8 | 0.4 | 19 | | 0.05 | 52 | 32 | 0 |
| 03/10/10 | 7.0 | 1.0 | 7.0 | 0.9 | | | 6.8 | 0.5 | 19 | | 0.25 | 48 | 37 | 0 |
| 03/11/10 | 6.9 | 1.8 | 7.0 | 1.0 | | | 6.8 | 0.5 | 19 | | 0.23 | 50 | 44 | 0 |
| 03/12/10 | 7.0 | 1.5 | 7.0 | 1.0 | | | 6.8 | 0.5 | 19 | | 0.68 | 51 | 44 | 0 |
| 03/13/10 | 7.0 | 1.2 | 7.0 | 0.9 | | | 6.8 | 0.5 | 19 | | 0.26 | 48 | 40 | 0 |
| 03/14/10 | 7.0 | 1.4 | 7.0 | 1.2 | | | 6.8 | 0.5 | 19 | | 0.01 | 51 | 33 | 0 |
| 03/15/10 | 6.8 | 0.2 | 7.0 | 0.4 | | | 6.8 | 0.6 | 19 | | 0.00 | 56 | 42 | 0 |
| 03/16/10 | 6.9 | 0.5 | 7.0 | 0.3 | | | 6.9 | 0.5 | 18 | 1.72 | 0.00 | 68 | 43 | 0 |
| 03/17/10 | 6.8 | 1.6 | 6.8 | 0.2 | | | 6.7 | 5.8 | 15 | 0.51 | 0.05 | 58 | 41 | 0 |
| 03/18/10 | 6.9 | 0.8 | 6.8 | 1.0 | | | 6.7 | 4.3 | 15 | | 0.00 | 56 | 31 | 0 |
| 03/19/10 | 6.9 | 1.0 | 6.8 | 1.1 | | | 6.7 | 4.0 | 15 | | 0.00 | 62 | 35 | 0 |
| 03/20/10 | 7.2 | 2.4 | 6.8 | 1.5 | | | 6.7 | 1.2 | 17 | | 0.00 | 67 | 41 | 0 |
| 03/21/10 | 7.0 | 0.6 | 6.8 | 0.8 | | | 6.6 | 1.3 | 17 | | 0.06 | 70 | 49 | 0 |
| 03/22/10 | 7.0 | 0.2 | 6.8 | 0.5 | | | 6.5 | 0.7 | 17 | 0.81 | 0.11 | 55 | 43 | 0 |
| 03/23/10 | 6.9 | 2.4 | 6.8 | 1.1 | | | 6.8 | 0.6 | 18 | | 0.02 | 55 | 37 | 0 |
| 03/24/10 | 6.9 | 2.5 | 6.8 | 0.3 | | | 6.8 | 0.6 | 18 | | 0.00 | 61 | 40 | 0 |
| 03/25/10 | 6.8 | 2.7 | 6.8 | 0.8 | | | 6.8 | 0.5 | 18 | | 0.36 | 70 | 47 | 0 |
| 03/26/10 | 6.8 | 3.1 | 6.9 | 1.0 | | | 6.9 | 0.5 | 18 | | 0.35 | 54 | 41 | 0 |
| 03/27/10 | 7.0 | 0.3 | 7.0 | 0.7 | | | 6.8 | 0.6 | 18 | | 0.02 | 55 | 42 | 0 |
| 03/28/10 | 6.9 | 0.5 | 6.8 | 2.6 | | | 6.9 | 0.4 | 18 | | 0.27 | 67 | 48 | 0 |
| 03/29/10 | 7.0 | 0.7 | 6.8 | 0.8 | | | 6.8 | 0.6 | 19 | 1.06 | 0.56 | 54 | 47 | 0 |
| 03/30/10 | 7.0 | 0.4 | 6.8 | 1.2 | | | 6.8 | 0.6 | 19 | | 0.48 | 50 | 42 | 0 |
| 03/31/10 | 6.9 | 1.1 | 6.8 | 3.1 | | | 6.8 | 0.5 | 19 | | 0.17 | 48 | 41 | 0 |
| TOTAL | | | | | | | | | | | 4 | | | 0 |
| MIN | 6.6 | 0.2 | 6.8 | 0.2 | 0.0 | 0.0 | 6.5 | 0.3 | 15 | 0.51 | 0.00 | 48 | 31 | 0 |
| AVG | 6.9 | 1.3 | 6.9 | 0.8 | ### | ### | 6.8 | 1.0 | 18 | 1.19 | 0.13 | 57 | 40 | 0 |
| MAX | 7.2 | 3.1 | 7.0 | 3.1 | 0.0 | 0.0 | 7.0 | 5.6 | 19 | 1.72 | 0.68 | 70 | 49 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|---------|-------------|---------|---------|---------|---------------|----------------|---------|---------|----------------|--------------|----------------|---------|-----|---------------|------------|-------------|-----------------|--|----------|
| | INF MGD | BOD MGD | TSS LBS/DAY | EFF MGD | BOD MGL | BOD AVG | % BOD REMOVAL | LBS BOD DISCH. | LBS BOD | TSS MGL | TSS MGL | % TSS REMOVE | LBS TSS DISCH. | TSS LBS | PH | FECAL #/100ml | FECAL GEA7 | AMMONIA MGL | AMMONIA LBS/DAY | | |
| 04/01/10 | 0.461 | | | 0.411 | | | | | | | | | | 7.0 | | | | | | | |
| 04/02/10 | 0.450 | | | 0.477 | | | | | | | | | | 7.0 | | | | | | | |
| 04/03/10 | 0.483 | | | 0.433 | | | | | | | | | | 7.0 | | | | | | | |
| 04/04/10 | 0.487 | | | 0.447 | | | | | | | | | | 7.0 | | | | | | | |
| 04/05/10 | 0.534 | | | 0.491 | | | | | | | | | | 6.9 | | | | | | | |
| 04/06/10 | 0.507 | 290 | 1226 | 0.489 | 3.9 | 4.2 | 99% | 16 | 1.0 | 1.0 | 100% | 4 | 4 | 6.9 | 37 | 0.03 | 0.12 | | | | |
| 04/07/10 | 0.487 | 179 | 727 | 0.459 | 5.1 | 4.2 | 97% | 20 | 1.0 | 1.6 | 100% | 4 | 7 | 7.0 | 74 | 55 | | | | | |
| 04/08/10 | 0.513 | 286 | 1224 | 0.481 | 3.8 | 3.0 | 99% | 15 | 3.0 | | 99% | 2 | | 7.0 | | | | | | | |
| 04/09/10 | 0.486 | | | 0.472 | | | | | | | | | | 7.0 | | | | | | | |
| 04/10/10 | 0.465 | | | 0.443 | | | | | | | | | | 7.1 | | | | | | | |
| 04/11/10 | 0.541 | | | 0.487 | | | | | | | | | | 7.0 | | | | | | | |
| 04/12/10 | 0.494 | | | 0.447 | | | | | | | | | | 7.0 | | | | | | | |
| 04/13/10 | 0.505 | 309 | 1301 | 0.468 | 4.3 | 4.0 | 99% | 17 | 3.0 | 3.8 | 99% | 12 | 12 | 7.0 | 30 | 0.03 | 0.12 | | | | |
| 04/14/10 | 0.488 | 280 | 1140 | 0.460 | 3.8 | 3.8 | 99% | 15 | 3.5 | 3.8 | 99% | 13 | 15 | 7.0 | 74 | 52 | | | | | |
| 04/15/10 | 0.482 | 192 | 772 | 0.461 | 4.0 | 5.0 | 98% | 15 | 5.0 | | 98% | 19 | | 7.1 | | | | | | | |
| 04/16/10 | 0.440 | | | 0.464 | | | | | | | | | | 7.0 | | | | | | | |
| 04/17/10 | 0.441 | | | 0.437 | | | | | | | | | | 7.0 | | | | | | | |
| 04/18/10 | 0.482 | | | 0.457 | | | | | | | | | | 7.0 | | | | | | | |
| 04/19/10 | 0.483 | | | 0.476 | | | | | | | | | | 7.1 | | | | | | | |
| 04/20/10 | 0.458 | 165 | 630 | 0.462 | 3.2 | 2.9 | 98% | 12 | 2.0 | 2.8 | 99% | 8 | 8 | 7.0 | 29 | 0.03 | 0.12 | | | | |
| 04/21/10 | 0.461 | 200 | 769 | 0.458 | 2.6 | 2.9 | 99% | 10 | 2.0 | 2.8 | 99% | 8 | 11 | 7.1 | 33 | 31 | | | | | |
| 04/22/10 | 0.453 | 219 | 827 | 0.438 | 2.9 | 3.0 | 98% | 11 | 4.5 | | 98% | 16 | | 7.0 | | | | | | | |
| 04/23/10 | 0.445 | | | 0.462 | | | | | | | | | | 7.0 | | | | | | | |
| 04/24/10 | 0.436 | | | 0.423 | | | | | | | | | | 7.0 | | | | | | | |
| 04/25/10 | 0.458 | | | 0.400 | | | | | | | | | | 7.0 | | | | | | | |
| 04/26/10 | 0.524 | | | 0.491 | | | | | | | | | | 7.0 | | | | | | | |
| 04/27/10 | 0.485 | 230 | 930 | 0.469 | 2.8 | 2.6 | 99% | 11 | 3.5 | 3.3 | 99% | 14 | 14 | 7.0 | 34 | 0.03 | 0.12 | | | | |
| 04/28/10 | 0.499 | 187 | 778 | 0.475 | 2.8 | 2.4 | 99% | 11 | 3.0 | 3.3 | 98% | 14 | 13 | 7.0 | 32 | 33 | | | | | |
| 04/29/10 | 0.445 | 340 | 1262 | 0.445 | 2.4 | 3.0 | 99% | 9 | 3.0 | | 99% | 11 | | 6.9 | | | | | | | |
| 04/30/10 | 0.466 | | | 0.450 | | | | | | | | | | 7.0 | | | | | | | |
| TOTAL | 14.359 | | | 13.723 | | | | 161 | | | | 135 | | | | | | | 0.48 | | |
| MIN | 0.436 | | | | | | | | | | | | | 6.9 | | | | | | | |
| AVG | 0.479 | 240 | 966 | 0.457 | 3.5 | 4.2 | 98.6% | 13 | 2.9 | 4 | 98.9% | 11 | 15.0 | 7.1 | 40 | 55 | 0.03 | 0.12 | | | |
| MAX | 0.541 | 340 | 1301 | 0.481 | 4.2 | 5.0 | | 17 | | | | | 15.0 | 7.1 | 55 | 0.03 | 0.12 | | | | |
| AVG. | 2.9600 | | | 3.180 | | | | 466 | 30 | | 85% | 415 | 700 | 6 | 200 | 400 | | | 356 | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 53 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
SIGNATURE

CERTIFICATION IV

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 04/01/10 | 7.0 | 0.5 | 6.8 | 2.1 | | | 6.8 | 0.5 | 19 | | | | 0.00 | 53 | 36 | 0 | |
| 04/02/10 | 6.9 | 0.5 | 6.8 | 1.6 | | | 6.8 | 0.6 | 19 | | | | 0.68 | 54 | 39 | 0 | |
| 04/03/10 | 7.0 | 0.5 | 6.8 | 1.2 | | | 6.8 | 0.6 | 19 | | | | 0.46 | 51 | 38 | 0 | |
| 04/04/10 | 7.0 | 0.5 | 6.8 | 1.0 | | | 6.8 | 0.6 | 19 | | | | 0.03 | 49 | 40 | 0 | |
| 04/05/10 | 6.9 | 0.9 | 6.9 | 3.2 | | | 6.9 | 0.5 | 19 | | | | 0.32 | 52 | 42 | 0 | |
| 04/06/10 | 7.0 | 0.5 | 6.8 | 2.8 | | | 6.8 | 0.4 | 18 | 1.24 | | | 0.58 | 51 | 41 | 0 | |
| 04/07/10 | 6.9 | 2.1 | 6.8 | 3.1 | | | 6.8 | 0.5 | 18 | | | | 0.01 | 54 | 43 | 0 | |
| 04/08/10 | 6.9 | 2.1 | 6.9 | 0.9 | | | 6.8 | 0.4 | 18 | | | | 0.24 | 54 | 37 | 0 | |
| 04/09/10 | 6.8 | 2.1 | 6.8 | 2.9 | | | 6.8 | 0.5 | 18 | | | | 0.04 | 51 | 37 | 0 | |
| 04/10/10 | 7.0 | 1.1 | 6.8 | 0.6 | | | 6.9 | 0.5 | 18 | | | | 0.00 | 58 | 34 | 0 | |
| 04/11/10 | 7.0 | 0.5 | 6.8 | 2.8 | | | 7.1 | 0.4 | 18 | | | | 0.00 | 63 | 45 | 0 | |
| 04/12/10 | 7.0 | 1.0 | 6.8 | 1.2 | | | 7.1 | 0.5 | 18 | | | | 0.25 | 64 | 47 | 62000 | |
| 04/13/10 | 7.0 | 0.7 | 6.8 | 2.9 | | | 6.9 | 0.5 | 18 | | | | 0.08 | 60 | 45 | 62000 | |
| 04/14/10 | 7.0 | 1.6 | 6.7 | 2.1 | | | 6.8 | 0.4 | 19 | 1.42 | | | 0.00 | 59 | 34 | 62000 | |
| 04/15/10 | 6.9 | 2.4 | 6.8 | 2.0 | | | 6.8 | 0.4 | 19 | | | | 0.19 | 64 | 46 | 62000 | |
| 04/16/10 | 6.8 | 1.3 | 6.8 | 2.0 | | | 6.8 | 0.5 | 19 | | | | 0.00 | 65 | 41 | 0 | |
| 04/17/10 | 7.0 | 0.5 | 6.9 | 0.5 | | | 6.9 | 0.5 | 19 | | | | 0.00 | 67 | 47 | 0 | |
| 04/18/10 | 7.0 | 1.8 | 6.8 | 2.2 | | | 6.8 | 0.4 | 19 | | | | 0.00 | 65 | 43 | 0 | |
| 04/19/10 | 6.9 | 2.3 | 6.9 | 0.7 | | | 6.8 | 0.4 | 19 | 1.47 | | | 0.00 | 73 | 48 | 0 | |
| 04/20/10 | 6.9 | 1.3 | 6.8 | 1.8 | | | 6.8 | 0.4 | 19 | | | | 0.06 | 68 | 51 | 0 | |
| 04/21/10 | 7.0 | 2.1 | 6.9 | 0.6 | | | 6.8 | 0.5 | 19 | | | | 0.00 | 56 | 48 | 0 | |
| 04/22/10 | 6.9 | 0.5 | 6.8 | 2.7 | | | 6.9 | 0.4 | 19 | | | | 0.00 | 57 | 41 | 0 | |
| 04/23/10 | 6.9 | 1.9 | 6.8 | 2.1 | | | 6.8 | 0.4 | 19 | | | | 0.00 | 62 | 38 | 0 | |
| 04/24/10 | 6.8 | 1.0 | 6.9 | 1.8 | | | 6.8 | 0.5 | 19 | | | | 0.04 | 61 | 41 | 0 | |
| 04/25/10 | 6.9 | 1.2 | 6.9 | 1.5 | | | 6.8 | 7.9 | 17 | | | | 0.01 | 57 | 38 | 0 | |
| 04/26/10 | 6.9 | 0.8 | 6.8 | 1.8 | | | 6.3 | 6.7 | 18 | 0.50 | | | 0.00 | 67 | 46 | 0 | |
| 04/27/10 | 6.9 | 1.5 | 6.8 | 2.6 | | | 6.5 | 5.3 | 18 | | | | 0.70 | 62 | 47 | 0 | |
| 04/28/10 | 6.9 | 1.4 | 6.8 | 2.0 | | | 6.5 | 5.0 | 18 | | | | 0.24 | 56 | 44 | 0 | |
| 04/29/10 | 6.8 | 2.1 | 6.8 | 2.1 | | | 6.6 | 4.3 | 18 | | | | 0.27 | 53 | 42 | 0 | |
| 04/30/10 | 6.9 | 1.0 | 6.9 | 0.3 | | | 6.8 | 1.6 | 18 | | | | 0.09 | 58 | 43 | 0 | |
| TOTAL | | | | | | | | | | | | | 4 | | | 248000 | |
| MIN | 6.8 | 0.5 | 6.7 | 0.3 | 0.0 | 0.0 | 6.3 | 0.4 | 17 | 0.50 | | | 0.00 | 49 | 34 | 0 | |
| AVG | 6.9 | 1.3 | 6.8 | 1.8 | ### | ### | 6.8 | 1.4 | 19 | 1.16 | | | 0.14 | 59 | 42 | 8267 | |
| MAX | 7.0 | 2.4 | 6.9 | 3.2 | 0.0 | 0.0 | 7.1 | 7.9 | 19 | 1.47 | | | 0.70 | 73 | 51 | 62000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| PLANT EFFLUENT | | | | | | | | | | PLANT INFLUENT | | | | | | | | | | COMMENTS |
|----------------|---------|---------|---------|-------------|---------|---------|---------------|---------------|---------|----------------|---------|---------|--------------|---------------|---------|------|----------------|----------------|------------------|----------|
| DATE | INF MGD | BOD MGD | TSS MGD | TSS LBS/DAY | EFF MGD | BOD MGD | % BOD REMOVAL | LBS BOD DISCH | LBS BOD | TSS MGD | TSS MGD | LBS BOD | % TSS REMOVE | LBS TSS DISCH | LBS TSS | PH | FECAL COLIFORM | FECAL COLIFORM | AMMONIA NITROGEN | |
| | | | | | | | | | | | | | | | | | | | | |
| 05/01/10 | 0.452 | | | | 0.441 | | | | | | | | | | | 7.1 | | | | |
| 05/02/10 | 0.477 | | | | 0.417 | | | | | | | | | | | 7.0 | | | | |
| 05/03/10 | 0.488 | | | | 0.467 | | | | | | | | | | | 7.0 | | | | |
| 05/04/10 | 0.462 | 210 | 844 | 320 | 1286 | 0.453 | 3.5 | 98% | 13 | 3.0 | 3.0 | 99% | 11 | 7.0 | 28.0 | | | 0.03 | 0.11 | |
| 05/05/10 | 0.477 | 243 | 967 | 270 | 1074 | 0.435 | 3.7 | 98% | 13 | 3.5 | 2.6 | 99% | 13 | 10 | 7.0 | 34.0 | 31 | | | |
| 05/06/10 | 0.487 | 316 | 1310 | 445 | 1845 | 0.470 | 3.0 | 99% | 12 | 1.5 | | 100% | 5 | | 7.0 | | | | | |
| 05/07/10 | 0.426 | | | | 0.434 | | | | | | | | | | | 7.1 | | | | |
| 05/08/10 | 0.405 | | | | 0.392 | | | | | | | | | | | 7.1 | | | | |
| 05/09/10 | 0.435 | | | | 0.403 | | | | | | | | | | | 7.0 | | | | |
| 05/10/10 | 0.458 | | | | 0.422 | | | | | | | | | | | 7.0 | | | | |
| 05/11/10 | 0.434 | 260 | 941 | 215 | 778 | 0.417 | 3.0 | 99% | 10 | 2.0 | | 99% | 7 | 7.0 | 28.0 | 10 | 0.04 | 0.14 | | |
| 05/12/10 | 0.418 | 273 | 952 | 320 | 1116 | 0.411 | 2.1 | 99% | 7 | 3.0 | 2.6 | 99% | 10 | 9 | 7.0 | 4.0 | | | | |
| 05/13/10 | 0.428 | 223 | 796 | 175 | 625 | 0.413 | 2.2 | 99% | 8 | 3.0 | | 98% | 10 | | 7.0 | | | | | |
| 05/14/10 | 0.423 | | | | 0.417 | | | | | | | | | | | 7.0 | | | | |
| 05/15/10 | 0.411 | | | | 0.397 | | | | | | | | | | | 7.0 | | | | |
| 05/16/10 | 0.464 | | | | 0.410 | | | | | | | | | | | 7.0 | | | | |
| 05/17/10 | 0.470 | | | | 0.434 | | | | | | | | | | | 7.0 | | | | |
| 05/18/10 | 0.453 | 286 | 1081 | 315 | 1190 | 0.419 | 2.6 | 99% | 9 | 2.5 | | 99% | 9 | 7.0 | 28 | | 0.03 | 0.10 | | |
| 05/19/10 | 0.475 | 270 | 1070 | 225 | 891 | 0.435 | 2.0 | 99% | 7 | 2.5 | 2.0 | 99% | 9 | 7 | 7.0 | 20 | 24 | | | |
| 05/20/10 | 0.483 | 236 | 951 | 300 | 1208 | 0.440 | 2.1 | 99% | 8 | 1.0 | | 100% | 4 | | 7.0 | | | | | |
| 05/21/10 | 0.496 | | | | 0.475 | | | | | | | | | | | 7.0 | | | | |
| 05/22/10 | 0.457 | | | | 0.418 | | | | | | | | | | | 7.1 | | | | |
| 05/23/10 | 0.517 | | | | 0.454 | | | | | | | | | | | 7.1 | | | | |
| 05/24/10 | 0.486 | | | | 0.449 | | | | | | | | | | | 7.0 | | | | |
| 05/25/10 | 0.484 | 260 | 1071 | 245 | 1008 | 0.454 | 2.3 | 99% | 9 | 1.0 | | 100% | 4 | 4 | 7.0 | 33 | 0.03 | 0.11 | | |
| 05/26/10 | 0.533 | 220 | 978 | 205 | 911 | 0.486 | 2.0 | 99% | 8 | 2.5 | 1.5 | 99% | 10 | 6 | 7.1 | 37 | 35 | | | |
| 05/27/10 | 0.450 | 274 | 1028 | 275 | 1032 | 0.449 | 2.0 | 99% | 7 | 1.0 | | 100% | 4 | | 7.0 | | | | | |
| 05/28/10 | 0.513 | | | | 0.486 | | | | | | | | | | | 7.0 | | | | |
| 05/29/10 | 0.446 | | | | 0.430 | | | | | | | | | | | 7.0 | | | | |
| 05/30/10 | 0.444 | | | | 0.405 | | | | | | | | | | | 7.1 | | | | |
| 05/31/10 | 0.477 | | | | 0.439 | | | | | | | | | | | 7.1 | | | | |
| TOTAL | 14.369 | | | | 13.472 | | | 112 | | | | | | 87 | | | | | 0.46 | |
| MIN | 0.405 | | | | | | | | | | | | | | | 7.0 | | | | |
| AVG | 0.464 | 256 | 989 | 276 | 1081 | 0.435 | 2.5 | 99.0% | 9 | 2.2 | | 99.2% | 8 | 10.0 | 7.1 | 23 | 0.03 | 0.12 | | |
| MAX | 0.533 | 316 | 1310 | 445 | 1845 | 0.486 | 3.4 | | 13 | 3 | | | | | 7.1 | | 35 | 0.04 | 0.14 | |
| AVG | | | | | | | | | | | | | | | | AVG | 35 | 0.04 | | |
| PERMIT | | | | | | | | | | | | | | | | AVG | 35 | 0.04 | | |
| LIMITS | | | | | | | | | | | | | | | | AVG | 35 | 0.04 | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statute 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | WEATHER | | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|---------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 05/01/10 | 6.9 | 1.2 | 6.7 | 2.9 | | | 6.3 | 2.2 | 19 | | 0.04 | 58 | 45 | 0 |
| 05/02/10 | 6.9 | 1.0 | 6.7 | 0.7 | | | 6.1 | 1.3 | 19 | | 0.01 | 59 | 46 | 0 |
| 05/03/10 | 7.0 | 1.5 | 6.7 | 1.2 | | | 6.3 | 0.7 | 20 | 0.93 | 0.30 | 59 | 45 | 0 |
| 05/04/10 | 6.8 | 0.4 | 6.7 | 0.2 | | | 5.3 | 0.6 | 20 | | 0.09 | 54 | 40 | 0 |
| 05/05/10 | 6.7 | 0.3 | 6.7 | 2.4 | | | 6.4 | 0.6 | 20 | | 0.31 | 50 | 39 | 0 |
| 05/06/10 | 6.8 | 0.5 | 6.8 | 0.6 | | | 5.8 | 0.4 | 20 | | 0.00 | 55 | 40 | 0 |
| 05/07/10 | 6.7 | 1.4 | 6.8 | 0.2 | | | 5.8 | 0.4 | 21 | | 0.00 | 61 | 39 | 0 |
| 05/08/10 | 6.7 | 1.6 | 6.8 | 1.5 | | | 6.8 | 0.4 | 21 | | 0.02 | 70 | 39 | 0 |
| 05/09/10 | 6.8 | 1.0 | 6.7 | 0.5 | | | 6.8 | 0.5 | 21 | | 0.00 | 70 | 39 | 0 |
| 05/10/10 | 6.8 | 1.2 | 6.7 | 1.5 | | | 6.8 | 0.5 | 21 | | 0.28 | 71 | 47 | 0 |
| 05/11/10 | 6.8 | 0.8 | 6.8 | 0.3 | | | 6.8 | 0.6 | 21 | | 0.00 | 58 | 46 | 0 |
| 05/12/10 | 6.7 | 0.8 | 6.7 | 1.2 | | | 6.9 | 0.5 | 22 | 1.03 | 0.00 | 59 | 44 | 0 |
| 05/13/10 | 6.8 | 1.0 | 6.8 | 0.8 | | | 6.9 | 0.5 | 22 | | 0.00 | 84 | 43 | 0 |
| 05/14/10 | 6.8 | 0.9 | 6.8 | 1.0 | | | 6.9 | 0.5 | 22 | | 0.00 | 74 | 45 | 0 |
| 05/15/10 | 6.8 | 0.8 | 6.8 | 0.9 | | | 6.9 | 0.5 | 22 | | 0.00 | 77 | 48 | 0 |
| 05/16/10 | 6.8 | 1.0 | 6.8 | 1.2 | | | 6.9 | 0.5 | 22 | | 0.00 | 72 | 52 | 0 |
| 05/17/10 | 6.8 | 1.5 | 6.8 | 1.8 | | | 6.8 | 0.4 | 22 | | 0.05 | 75 | 53 | 0 |
| 05/18/10 | 6.7 | 1.1 | 6.7 | 1.0 | | | 6.8 | 0.5 | 22 | | 0.26 | 72 | 53 | 0 |
| 05/19/10 | 6.7 | 3.0 | 6.9 | 1.1 | | | 7.0 | 0.4 | 23 | 1.12 | 0.06 | 69 | 50 | 0 |
| 05/20/10 | 6.7 | 1.7 | 6.8 | 0.3 | | | 7.0 | 0.4 | 23 | | 0.98 | 54 | 45 | 0 |
| 05/21/10 | 6.8 | 1.8 | 6.8 | 0.3 | | | 7.0 | 0.5 | 23 | | 0.60 | 52 | 45 | 0 |
| 05/22/10 | 7.1 | 0.3 | 6.7 | 1.9 | | | 7.2 | 0.9 | 23 | | 0.09 | 57 | 44 | 0 |
| 05/23/10 | 7.0 | 0.2 | 6.8 | 0.2 | | | 7.1 | 0.4 | 23 | | 0.25 | 56 | 41 | 0 |
| 05/24/10 | 6.8 | 2.2 | 6.8 | 2.0 | | | 7.0 | 0.5 | 23 | | 0.00 | 61 | 43 | 0 |
| 05/25/10 | 6.9 | 1.1 | 6.8 | 0.2 | | | 7.0 | 0.5 | 23 | | 0.15 | 64 | 49 | 0 |
| 05/26/10 | 6.9 | 0.8 | 6.8 | 0.1 | | | 6.9 | 0.4 | 23 | 1.29 | 0.33 | 58 | 48 | 0 |
| 05/27/10 | 6.9 | 1.1 | 6.8 | 0.3 | | | 6.9 | 0.4 | 23 | | 0.00 | 65 | 43 | 0 |
| 05/28/10 | 6.9 | 1.3 | 6.7 | 0.9 | | | 6.9 | 0.5 | 23 | | 0.56 | 55 | 49 | 0 |
| 05/29/10 | 6.8 | 1.4 | 6.8 | 1.6 | | | 7.0 | 0.5 | 23 | | 0.11 | 63 | 49 | 0 |
| 05/30/10 | 6.8 | 0.7 | 6.8 | 1.7 | | | 6.9 | 0.4 | 23 | | 0.09 | 65 | 30 | 0 |
| 05/31/10 | 6.8 | 1.0 | 6.8 | 1.4 | | | 6.9 | 0.4 | 23 | | 0.20 | 68 | 54 | 0 |
| TOTAL | | | | | | | | | | | 4.78 | | | 0 |
| NIN | 6.7 | 0.2 | 6.7 | 0.1 | 0.0 | 0.0 | 5.8 | 0.4 | 19 | 0.93 | 0.00 | 50 | 30 | 0 |
| AVG | 6.8 | 1.1 | 6.8 | 1.0 | ### | ### | 6.8 | 0.6 | 22 | 1.09 | 0.15 | 63 | 45 | 0 |
| MAX | 7.1 | 3.0 | 6.9 | 2.9 | 0.0 | 0.0 | 7.2 | 2.2 | 23 | 1.29 | 0.98 | 77 | 54 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | |
|----------|----------------|---------|---------|---------|---------------|---------------|---------|---------|---------|---------|----------------|---------------|---------|---------|---------|---------|------|-----------------|-----------------|--------------|----------|--------------|
| | INF MGD | BOD MGD | TSS MGD | TSS LBS | % BOD REMOVED | % TSS REMOVED | BOD MGD | BOD LBS | TSS MGD | TSS LBS | % BOD REMOVED | % TSS REMOVED | BOD MGD | BOD LBS | TSS MGD | TSS LBS | PH | FECAL COLIFORMS | FECAL COLIFORMS | AMMONIA NITR | | AMMONIA NITR |
| 06/01/10 | 0.501 | 240 | 1003 | 350 | 1452 | 0.481 | 2.4 | 2.5 | 99% | 1.0 | 1.5 | 99% | 4 | 6 | 7.0 | 34.0 | 0.03 | 0.12 | | | | |
| 06/02/10 | 0.507 | 207 | 875 | 185 | 782 | 0.491 | 1.9 | 2.0 | 99% | 8 | 8 | 99% | 6 | 6 | 7.0 | 28.0 | 31 | | | | | |
| 06/03/10 | 0.483 | 262 | 1055 | 435 | 1752 | 0.470 | 1.6 | 1.0 | 99% | 6 | 1.0 | 100% | | | 7.0 | | | | | | | |
| 06/04/10 | 0.507 | | | | | 0.493 | | | | | | | | | 7.0 | | | | | | | |
| 06/05/10 | 0.438 | | | | | 0.443 | | | | | | | | | 7.0 | | | | | | | |
| 06/06/10 | 0.575 | | | | | 0.538 | | | | | | | | | 7.0 | | | | | | | |
| 06/07/10 | 0.506 | | | | | 0.492 | | | | | | | | | 7.0 | | | | | | | |
| 06/08/10 | 0.505 | 260 | 1065 | 440 | 1853 | 0.473 | 2.6 | 2.5 | 99% | 10 | 10 | 99% | 10 | 10 | 7.1 | 5.0 | 0.03 | 0.12 | | | | |
| 06/09/10 | 0.528 | 228 | 1004 | 280 | 1233 | 0.499 | 3.4 | 3.1 | 99% | 14 | 13 | 100% | 4 | 8 | 7.0 | 16.0 | 10 | | | | | |
| 06/10/10 | 0.565 | 200 | 942 | 230 | 1084 | 0.530 | 3.4 | 2.5 | 99% | 15 | 2.5 | 99% | 11 | 11 | 7.0 | | | | | | | |
| 06/11/10 | 0.511 | | | | | 0.506 | | | | | | | | | 7.1 | | | | | | | |
| 06/12/10 | 0.473 | | | | | 0.451 | | | | | | | | | 7.0 | | | | | | | |
| 06/13/10 | 0.513 | | | | | 0.457 | | | | | | | | | 7.0 | | | | | | | |
| 06/14/10 | 0.487 | | | | | 0.455 | | | | | | | | | 6.9 | | | | | | | |
| 06/15/10 | 0.540 | 258 | 1182 | 400 | 1801 | 0.486 | 3.4 | 3.0 | 99% | 14 | 12 | 99% | 12 | 12 | 7.0 | 28 | 0.04 | 0.16 | | | | |
| 06/16/10 | 0.544 | 282 | 1279 | 555 | 2518 | 0.495 | 3.5 | 3.5 | 99% | 14 | 14 | 99% | 12 | 11 | 7.0 | 28 | 28 | | | | | |
| 06/17/10 | 0.523 | 162 | 707 | 185 | 807 | 0.488 | 3.5 | 2.0 | 99% | 14 | 2.0 | 99% | 8 | 8 | 7.0 | | | | | | | |
| 06/18/10 | 0.542 | | | | | 0.502 | | | | | | | | | 7.0 | | | | | | | |
| 06/19/10 | 0.487 | | | | | 0.466 | | | | | | | | | 7.0 | | | | | | | |
| 06/20/10 | 0.520 | | | | | 0.455 | | | | | | | | | 7.0 | | | | | | | |
| 06/21/10 | 0.502 | | | | | 0.483 | | | | | | | | | 7.1 | | | | | | | |
| 06/22/10 | 0.483 | 322 | 1297 | 366 | 1555 | 0.457 | 2.2 | 2.0 | 99% | 8 | 8 | 99% | 8 | 7.1 | 21 | 0.03 | 0.11 | | | | | |
| 06/23/10 | 0.498 | 284 | 1096 | 470 | 1952 | 0.463 | 2.1 | 2.1 | 99% | 8 | 1.3 | 100% | 4 | 5 | 7.0 | 32 | 26 | | | | | |
| 06/24/10 | 0.483 | 277 | 1116 | 465 | 1954 | 0.456 | 2.1 | 1.0 | 99% | 8 | 1.0 | 100% | 4 | 4 | 7.0 | | | | | | | |
| 06/25/10 | 0.482 | | | | | 0.450 | | | | | | | | | 7.0 | | | | | | | |
| 06/26/10 | 0.442 | | | | | 0.426 | | | | | | | | | 7.0 | | | | | | | |
| 06/27/10 | 0.447 | | | | | 0.406 | | | | | | | | | 7.0 | | | | | | | |
| 06/28/10 | 0.463 | | | | | 0.446 | | | | | | | | | 7.1 | | | | | | | |
| 06/29/10 | 0.473 | 271 | 1069 | 300 | 1183 | 0.444 | 2.1 | 1.0 | 99% | 8 | 1.0 | 100% | 4 | 4 | 7.0 | 9 | 0.03 | 0.11 | | | | |
| 06/30/10 | 0.472 | 243 | 957 | 265 | 1043 | 0.449 | 2.1 | 2.1 | 99% | 8 | 1.5 | 99% | 7 | 6 | 7.0 | 22 | 16 | | | | | |
| TOTAL | 15.010 | | | | | 14.151 | | | | 146 | | | 102 | | | | | | | | 0.62 | |
| MIN | 0.438 | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.500 | 248 | 1047 | 355 | 1489 | 0.472 | 2.6 | 1.8 | 99.5% | 10 | 3 | 99.5% | 7 | 11.0 | 7.1 | 19 | 0.03 | 0.13 | | | | |
| MAX | 0.575 | 322 | 1297 | 555 | 2518 | 0.538 | 3.5 | 3.5 | | 14 | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN

CERTIFICATION IV

SIGNATURE



CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPCSED GALLONS |
| 06/01/10 | 6.8 | 0.8 | 6.8 | 0.9 | | | 6.9 | 0.4 | 23 | | 0.14 | 62 | 50 | 58500 |
| 06/02/10 | 6.8 | 1.0 | 6.8 | 1.4 | | | 6.9 | 0.4 | 23 | | 0.24 | 64 | 49 | 58500 |
| 06/03/10 | 6.8 | 0.9 | 6.8 | 1.0 | | | 6.9 | 0.5 | 23 | | 0.15 | 62 | 44 | 58500 |
| 06/04/10 | 6.8 | 0.7 | 6.8 | 0.8 | | | 6.9 | 0.5 | 23 | | 0.31 | 62 | 48 | 58500 |
| 06/05/10 | 6.8 | 1.0 | 6.8 | 1.2 | | | 6.9 | 0.5 | 23 | | 0.00 | 73 | 43 | 0 |
| 06/06/10 | 6.8 | 1.2 | 6.8 | 0.9 | | | 6.9 | 0.5 | 23 | | 1.09 | 65 | 56 | 0 |
| 06/07/10 | 6.8 | 0.7 | 6.8 | 0.2 | | | 7.0 | 0.5 | 24 | | 0.01 | 70 | 53 | 0 |
| 06/08/10 | 6.8 | 0.4 | 6.9 | 1.0 | | | 7.0 | 0.4 | 24 | 1.48 | 0.13 | 70 | 47 | 0 |
| 06/09/10 | 6.8 | 0.7 | 6.8 | 0.1 | | | 7.0 | 0.4 | 24 | | 0.21 | 64 | 51 | 0 |
| 06/10/10 | 6.7 | 0.8 | 6.8 | 0.1 | | | 7.0 | 0.5 | 24 | | 0.42 | 58 | 51 | 0 |
| 06/11/10 | 6.8 | 0.8 | 6.7 | 0.1 | | | 7.0 | 0.4 | 24 | | 0.00 | 64 | 51 | 0 |
| 06/12/10 | 6.7 | 1.1 | 6.7 | 2.5 | | | 7.0 | 0.6 | 24 | | 0.00 | 81 | 47 | 0 |
| 06/13/10 | 6.7 | 0.4 | 6.6 | 0.5 | | | 6.8 | 0.7 | 24 | | 0.00 | 67 | 51 | 0 |
| 06/14/10 | 6.7 | 3.2 | 6.7 | 1.4 | | | 6.2 | 3.2 | 20 | 0.52 | 0.00 | 64 | 47 | 0 |
| 06/15/10 | 6.7 | 1.0 | 6.7 | 1.2 | | | 6.2 | 2.5 | 20 | | 0.28 | 58 | 48 | 0 |
| 06/16/10 | 6.7 | 0.9 | 6.9 | 1.5 | | | 6.7 | 0.6 | 21 | | 0.04 | 58 | 46 | 0 |
| 06/17/10 | 6.7 | 1.4 | 6.8 | 0.1 | | | 6.7 | 0.5 | 21 | | 0.05 | 61 | 51 | 0 |
| 06/18/10 | 6.8 | 1.2 | 6.8 | 1.1 | | | 6.8 | 0.5 | 21 | | 0.04 | 70 | 45 | 0 |
| 06/19/10 | 6.7 | 1.0 | 6.8 | 0.8 | | | 6.8 | 0.6 | 21 | | 0.18 | 64 | 52 | 0 |
| 06/20/10 | 6.8 | 0.5 | 6.7 | 1.6 | | | 6.8 | 0.5 | 21 | | 0.15 | 58 | 52 | 0 |
| 06/21/10 | 6.6 | 1.0 | 6.7 | 0.1 | | | 7.0 | 0.4 | 21 | 0.84 | 0.00 | 68 | 53 | 0 |
| 06/22/10 | 6.7 | 2.2 | 6.7 | 1.4 | | | 7.0 | 0.4 | 21 | | 0.00 | 75 | 50 | 0 |
| 06/23/10 | 6.9 | 1.4 | 7.0 | 0.1 | | | 7.0 | 0.5 | 21 | | 0.00 | 82 | 56 | 0 |
| 06/24/10 | 6.8 | 2.6 | 7.0 | 1.3 | | | 7.0 | 0.4 | 22 | | 0.00 | 79 | 54 | 0 |
| 06/25/10 | 6.8 | 2.7 | 6.9 | 0.3 | | | 6.9 | 0.4 | 22 | | 0.00 | 68 | 56 | 0 |
| 06/26/10 | 6.8 | 2.5 | 6.9 | 1.0 | | | 6.9 | 0.4 | 22 | | 0.00 | 76 | 50 | 0 |
| 06/27/10 | 6.9 | 1.4 | 7.0 | 1.3 | | | 6.9 | 0.4 | 23 | | 0.00 | 79 | 53 | 0 |
| 06/28/10 | 6.8 | 2.7 | 7.0 | 1.9 | | | 7.0 | 0.5 | 23 | | 0.00 | 73 | 55 | 0 |
| 06/29/10 | 6.8 | 3.2 | 6.9 | 0.7 | | | 6.9 | 0.6 | 23 | 0.99 | 0.00 | 69 | 52 | 0 |
| 06/30/10 | 6.8 | 2.8 | 6.9 | 2.5 | | | 6.9 | 0.5 | 23 | | 0.00 | 70 | 47 | 0 |
| TOTAL | | | | | | | | | | | 3 | | | 234000 |
| MIN | 6.6 | 0.4 | 6.6 | 0.1 | 0.0 | 0.0 | 6.2 | 0.4 | 20 | 0.52 | 0.00 | 58 | 43 | 0 |
| AVG | 6.8 | 1.4 | 6.8 | 1.0 | ### | ### | 6.9 | 0.6 | 22 | 0.96 | 0.12 | 68 | 50 | 7800 |
| MAX | 6.9 | 3.2 | 7.0 | 2.5 | 0.0 | 0.0 | 7.0 | 3.2 | 24 | 1.48 | 1.09 | 82 | 56 | 58500 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT EFFLUENT | | | | | | | | | | PLANT INFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|---------|---------|-------------|---------|---------|---------------|---------------|---------------|---------|----------------|-----------|---------------|---------------|------|----------------|----------------|------------------|--|--|----------|
| | INF MGD | BOD MGD | TSS MGD | TSS LBS/DAY | EFF MGD | BOD MGD | BOD % REMOVAL | LBS BOD DISCH | LBS BOD % TSS | TSS MGD | TSS LBS/DAY | TSS % TSS | LBS TSS DISCH | LBS TSS % TSS | PH | FECAL COLIFORM | FECAL COLIFORM | AMMONIA NITROGEN | | | |
| 07/01/10 | 0.486 | | | | 0.451 | | | | | | | | | 7.0 | | | | | | | |
| 07/02/10 | 0.470 | | | | 0.442 | | | | | | | | | 7.0 | | | | | | | |
| 07/03/10 | 0.438 | | | | 0.440 | | | | | | | | | 7.1 | | | | | | | |
| 07/04/10 | 0.392 | | | | 0.382 | | | | | | | | | 7.0 | | | | | | | |
| 07/05/10 | 0.473 | | | | 0.421 | | | | | | | | | 7.0 | | | | | | | |
| 07/06/10 | 0.454 | 238 | 901 | 285 | 1079 | 99% | 10 | 99% | 2.5 | 2.5 | 10 | 10 | 10 | 7.0 | 28.0 | 0.03 | 0.11 | | | | |
| 07/07/10 | 0.442 | 295 | 1087 | 530 | 1954 | 99% | 10 | 100% | 2.0 | 2.0 | 10 | 10 | 10 | 7.1 | 32.0 | 30 | | | | | |
| 07/08/10 | 0.446 | 304 | 1131 | 625 | 2325 | 99% | 9 | 100% | 1.5 | 1.5 | 9 | 5 | 5 | 7.0 | | | | | | | |
| 07/09/10 | 0.417 | | | | 0.391 | | | | | | | | | 7.0 | | | | | | | |
| 07/10/10 | 0.411 | | | | 0.408 | | | | | | | | | 7.0 | | | | | | | |
| 07/11/10 | 0.461 | | | | 0.402 | | | | | | | | | 7.0 | | | | | | | |
| 07/12/10 | 0.444 | | | | 0.411 | | | | | | | | | 7.1 | | | | | | | |
| 07/13/10 | 0.434 | 418 | 1513 | 440 | 1593 | 99% | 12 | 100% | 2.0 | 2.0 | 12 | 7 | 7 | 7.1 | 25.0 | 0.03 | 0.10 | | | | |
| 07/14/10 | 0.416 | 308 | 1069 | 305 | 1058 | 99% | 12 | 99% | 2.2 | 2.2 | 12 | 7 | 7 | 7.0 | 28.0 | 27 | | | | | |
| 07/15/10 | 0.416 | 372 | 1291 | 475 | 1648 | 99% | 13 | 99% | 2.5 | 2.5 | 13 | 8 | 8 | 7.0 | | | | | | | |
| 07/16/10 | 0.407 | | | | 0.411 | | | | | | | | | 7.0 | | | | | | | |
| 07/17/10 | 0.413 | | | | 0.392 | | | | | | | | | 7.0 | | | | | | | |
| 07/18/10 | 0.433 | | | | 0.402 | | | | | | | | | 7.0 | | | | | | | |
| 07/19/10 | 0.457 | | | | 0.434 | | | | | | | | | 7.0 | | | | | | | |
| 07/20/10 | 0.429 | 239 | 855 | 115 | 411 | 99% | 9 | 99% | 1.5 | 1.5 | 9 | 5 | 5 | 7.0 | 20 | 0.03 | 0.10 | | | | |
| 07/21/10 | 0.442 | 237 | 874 | 155 | 571 | 99% | 7 | 98% | 2.5 | 1.6 | 7 | 6 | 6 | 7.1 | 24 | 22 | | | | | |
| 07/22/10 | 0.446 | 235 | 874 | 240 | 893 | 99% | 6 | 100% | 1.0 | 1.0 | 6 | 3 | 3 | 7.1 | | | | | | | |
| 07/23/10 | 0.426 | | | | 0.404 | | | | | | | | | 7.1 | | | | | | | |
| 07/24/10 | 0.403 | | | | 0.380 | | | | | | | | | 7.0 | | | | | | | |
| 07/25/10 | 0.434 | | | | 0.389 | | | | | | | | | 7.0 | | | | | | | |
| 07/26/10 | 0.442 | | | | 0.414 | | | | | | | | | 7.0 | | | | | | | |
| 07/27/10 | 0.424 | 309 | 1093 | 360 | 1273 | 99% | 11 | 100% | 1.0 | 1.0 | 11 | 3 | 3 | 7.0 | 16 | 0.03 | 0.10 | | | | |
| 07/28/10 | 0.431 | 292 | 1050 | 340 | 1222 | 99% | 6 | 100% | 1.0 | 1.0 | 6 | 3 | 3 | 7.0 | 25 | 20 | | | | | |
| 07/29/10 | 0.443 | 260 | 951 | 480 | 1773 | 99% | 6 | 100% | 1.0 | 1.0 | 6 | 4 | 4 | 7.0 | | | | | | | |
| 07/30/10 | 0.420 | | | | 0.411 | | | | | | | | | 7.0 | | | | | | | |
| 07/31/10 | 0.419 | | | | 0.393 | | | | | | | | | 7.0 | | | | | | | |
| TOTAL | 13.489 | | | | 12.757 | | 110 | | | | | 71 | | | | | | 0.41 | | | |
| MIN | 0.392 | | | | | | | | | | | | | 7.0 | | | | | | | |
| AVG | 0.434 | 292 | 1058 | 363 | 1317 | 99.1% | 9 | | 1.7 | 1.7 | 99.5% | 6 | | 7.0 | 24 | | 0.03 | 0.11 | | | |
| MAX | 0.486 | 418 | 1513 | 625 | 2325 | | 12 | | 2 | | | 7 | | 7.1 | 30 | | 0.03 | 0.11 | | | |
| AVG. | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | | | |
| PERMIT | | 3107 | 3160 | 3160 | 3160 | 95% | 466 | 700 | 30 | 30 | 85% | 475 | 700 | 6 | 200 | 400 | | 356 | | | |
| LIMITS | | | | | | | AVG. | MAX | AVG. | MAX | | AVG. | MAX | | | | | lbs | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 07/01/10 | 6.7 | 2.8 | 6.8 | 0.1 | | | 6.9 | 0.5 | 23 | | 0.18 | 63 | 52 | 0 |
| 07/02/10 | 6.7 | 2.0 | 6.8 | 1.0 | | | 6.9 | 0.5 | 23 | | 0.03 | 64 | 54 | 0 |
| 07/03/10 | 7.1 | 2.0 | 6.9 | 1.8 | | | 7.1 | 0.6 | 23 | | 0.00 | 69 | 53 | 0 |
| 07/04/10 | 6.8 | 1.6 | 6.9 | 1.9 | | | 7.0 | 0.7 | 23 | | 0.00 | 66 | 53 | 0 |
| 07/05/10 | 6.9 | 1.5 | 6.9 | 1.4 | | | 7.0 | 0.6 | 23 | | 0.00 | 65 | 51 | 0 |
| 07/06/10 | 6.9 | 1.0 | 6.9 | 0.8 | | | 7.0 | 0.6 | 23 | | 0.00 | 85 | 48 | 0 |
| 07/07/10 | 6.8 | 2.8 | 6.7 | 1.3 | | | 7.0 | 0.6 | 23 | | 0.00 | 97 | 53 | 0 |
| 07/08/10 | 6.9 | 1.4 | 6.8 | 1.0 | | | 6.9 | 0.4 | 24 | 1.15 | 0.00 | 95 | 58 | 0 |
| 07/09/10 | 6.9 | 1.4 | 7.0 | 0.4 | | | 6.9 | 0.4 | 24 | | 0.00 | 93 | 58 | 0 |
| 07/10/10 | 6.8 | 1.0 | 6.9 | 0.5 | | | 6.9 | 0.4 | 24 | | 0.00 | 81 | 62 | 0 |
| 07/11/10 | 7.0 | 0.6 | 6.8 | 0.9 | | | 6.9 | 0.5 | 24 | | 0.00 | 76 | 61 | 0 |
| 07/12/10 | 6.8 | 3.1 | 6.9 | 0.3 | | | 7.0 | 0.4 | 24 | | 0.00 | 67 | 55 | 0 |
| 07/13/10 | 6.8 | 2.8 | 6.9 | 1.3 | | | 6.9 | 0.5 | 24 | | 0.00 | 70 | 51 | 0 |
| 07/14/10 | 6.8 | 2.5 | 7.0 | 0.2 | | | 6.8 | 0.5 | 25 | 1.18 | 0.00 | 84 | 49 | 0 |
| 07/15/10 | 6.8 | 2.9 | 6.9 | 0.5 | | | 6.9 | 0.5 | 25 | | 0.00 | 80 | 57 | 0 |
| 07/16/10 | 6.8 | 2.7 | 6.9 | 0.7 | | | 6.9 | 0.5 | 25 | | 0.00 | 73 | 54 | 0 |
| 07/17/10 | 6.8 | 2.5 | 6.9 | 0.6 | | | 6.9 | 0.5 | 25 | | 0.00 | 73 | 54 | 0 |
| 07/18/10 | 6.8 | 1.6 | 6.9 | 1.0 | | | 6.9 | 0.5 | 25 | | 0.00 | 68 | 56 | 0 |
| 07/19/10 | 6.8 | 2.8 | 6.9 | 0.4 | | | 6.9 | 0.6 | 25 | 1.29 | 0.00 | 72 | 56 | 0 |
| 07/20/10 | 6.9 | 1.3 | 6.8 | 0.4 | | | 6.8 | 0.4 | 25 | | 0.00 | 73 | 54 | 0 |
| 07/21/10 | 6.9 | 2.9 | 6.9 | 0.7 | | | 6.8 | 0.4 | 25 | | 0.00 | 80 | 55 | 0 |
| 07/22/10 | 6.9 | 2.1 | 6.8 | 0.2 | | | 6.9 | 0.5 | 25 | | 0.00 | 69 | 55 | 0 |
| 07/23/10 | 6.9 | 2.0 | 6.8 | 0.5 | | | 6.5 | 0.5 | 25 | | 0.00 | 76 | 56 | 0 |
| 07/24/10 | 6.8 | 1.8 | 6.8 | 1.6 | | | 6.9 | 0.6 | 25 | | 0.00 | 91 | 62 | 0 |
| 07/25/10 | 6.7 | 2.9 | 6.8 | 2.2 | | | 6.7 | 0.5 | 26 | | 0.00 | 87 | 57 | 0 |
| 07/26/10 | 6.8 | 3.0 | 6.8 | 0.3 | | | 6.9 | 0.5 | 26 | 1.40 | 0.00 | 85 | 56 | 82666 |
| 07/27/10 | 6.9 | 1.3 | 6.9 | 1.1 | | | 6.9 | 0.6 | 26 | | 0.00 | 75 | 55 | 82666 |
| 07/28/10 | 6.8 | 2.6 | 6.8 | 0.4 | | | 6.9 | 0.5 | 26 | | 0.00 | 77 | 56 | 82666 |
| 07/29/10 | 6.8 | 2.3 | 6.9 | 0.4 | | | 7.0 | 0.5 | 27 | | 0.00 | 77 | 55 | 0 |
| 07/30/10 | 6.9 | 2.1 | 6.9 | 0.5 | | | 6.9 | 4.9 | 21 | 0.56 | 0.00 | 75 | 56 | 0 |
| 07/31/10 | 6.8 | 2.2 | 6.8 | 0.3 | | | 6.9 | 3.6 | 21 | | 0.00 | 68 | 56 | 0 |
| TOTAL | | | | | | | | | | | 0 | | | 247998 |
| MIN | 6.7 | 0.6 | 6.7 | 0.1 | 0.0 | 0.0 | 6.5 | 0.4 | 21 | 0.56 | 0.01 | 63 | 48 | 0 |
| AVG | 6.8 | 2.1 | 6.9 | 0.8 | ### | ### | 6.9 | 0.8 | 24 | 1.12 | 0.01 | 77 | 55 | 8000 |
| MAX | 7.1 | 3.1 | 7.0 | 2.2 | 0.0 | 0.0 | 7.1 | 4.9 | 27 | 1.40 | 0.18 | 97 | 62 | 82666 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | | PLANT EFFLUENT | | | |
|----------------|---------|---------|---------|----------------|---------|---------|---------|----------------|---------|---------|---------------|----------------|---------------|---------------|--------------|----------------|---------------|-----|---------------|----------------|-----------------|---------------------|----------|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|
| DATE | INF MGD | ROD MGD | TSS LBS | TSS MGD | TSS LBS | BOD LBS | BOD MGD | EFF MGD | ROD MGD | BOD MGD | % BOD REMOVAL | % BOD REMOVAL | LBS BOD DISCH | LBS BOD DISCH | % TSS REMOVE | TSS MGD | TSS LBS DISCH | PH | FECAL #/100ML | FECAL GEN/L | AMPHIPHILIC MCL | AMPHIPHILIC LBS/DAY | COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/01/10 | 0.440 | | | 0.404 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/02/10 | 0.459 | | | 0.424 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/03/10 | 0.442 | 263 | 989 | 315 | 1161 | 1161 | 0.415 | 2.3 | 2.3 | 99% | 99% | 8 | 5 | 100% | 1.5 | 8 | 7.0 | 16 | | 0.03 | 0.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/04/10 | 0.428 | 303 | 1082 | 345 | 1231 | 1231 | 1.9 | 2.0 | 2.0 | 95% | 99% | 7 | 7 | 99% | 2.0 | 7 | 7.1 | 16 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/05/10 | 0.433 | 288 | 932 | 320 | 1156 | 1156 | 1.9 | 1.9 | 1.9 | 99% | 99% | 7 | 4 | 100% | 1.0 | 4 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/06/10 | 0.425 | | | 0.429 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/07/10 | 0.426 | | | 0.426 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/08/10 | 0.437 | | | 0.394 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/09/10 | 0.449 | | | 0.429 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/10/10 | 0.448 | 285 | 1065 | 370 | 1382 | 1382 | 3.5 | 3.5 | 3.5 | 99% | 99% | 12 | 11 | 99% | 3 | 11 | 7.0 | 18 | | 0.03 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/11/10 | 0.423 | 322 | 1136 | 465 | 1640 | 1640 | 2.1 | 2.6 | 2.6 | 99% | 100% | 7 | 3 | 100% | 1.0 | 3 | 7.0 | 25 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/12/10 | 0.439 | 233 | 853 | 250 | 915 | 915 | 2.1 | 2.1 | 2.1 | 99% | 99% | 7 | 10 | 99% | 3.0 | 10 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/13/10 | 0.426 | | | 0.409 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/14/10 | 0.421 | | | 0.389 | | | | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/15/10 | 0.455 | | | 0.403 | | | | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/16/10 | 0.453 | | | 0.425 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/17/10 | 0.441 | 338 | 1243 | 440 | 1618 | 1618 | 2.6 | 2.6 | 2.6 | 99% | 100% | 9 | 3 | 100% | 1.0 | 9 | 7.1 | 32 | | 0.03 | 0.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/18/10 | 0.454 | 302 | 1143 | 315 | 1193 | 1193 | 2.6 | 2.5 | 2.5 | 99% | 99% | 9 | 9 | 99% | 1.5 | 9 | 7.1 | 20 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/19/10 | 0.446 | 219 | 815 | 120 | 446 | 446 | 2.4 | 2.4 | 2.4 | 88% | 88% | 8 | 4 | 88% | 1.0 | 4 | 7.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/20/10 | 0.439 | | | 0.438 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/21/10 | 0.422 | | | 0.406 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/22/10 | 0.452 | | | 0.426 | | | | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/23/10 | 0.465 | | | 0.435 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/24/10 | 0.452 | 309 | 1165 | 340 | 1282 | 1282 | 2.6 | 2.6 | 2.6 | 99% | 100% | 9 | 5 | 100% | 1.5 | 9 | 7.1 | 26 | | 0.03 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/25/10 | 0.443 | 343 | 1267 | 310 | 1145 | 1145 | 2.2 | 2.2 | 2.2 | 99% | 100% | 8 | 4 | 100% | 1.2 | 4 | 7.0 | 22 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/26/10 | 0.474 | 289 | 1142 | 465 | 1838 | 1838 | 2.3 | 2.3 | 2.3 | 99% | 100% | 9 | 4 | 100% | 1.0 | 4 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/27/10 | 0.433 | | | 0.449 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/28/10 | 0.429 | | | 0.418 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/29/10 | 0.472 | | | 0.453 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/30/10 | 0.467 | | | 0.460 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/31/10 | 0.531 | | | 0.501 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 13.924 | | | 13.188 | | | | | | | | 100 | 68 | | | | | | | | | | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN | 0.421 | | | 0.425 | 2.4 | 2.4 | 2.6 | 2.6 | 2.6 | 99.2% | 99.5% | 8 | 5 | 99.5% | 1.6 | 5 | 7.0 | 21 | | 0.03 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.446 | 289 | 1068 | 338 | 1251 | 1251 | 2.6 | 2.6 | 2.6 | 99.2% | 99.5% | 8 | 6 | 99.5% | 1.6 | 6 | 7.1 | 25 | 25 | 0.03 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX | 0.531 | 343 | 1267 | 465 | 1838 | 1838 | 2.6 | 2.6 | 2.6 | 99.2% | 99.5% | 9 | 9 | 99.5% | 1.6 | 9 | 7.1 | 25 | 25 | 0.03 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.0 MGD | 3107 | 3107 | 3107 | 3160 | 3160 | 3.0 MGD | 3.0 | 3.0 | 85% | 85% | 468 | 475 | 85% | 3.0 | 475 | 6 | 200 | 400 | 0 | 200 | 3.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | AVG | | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein, and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
CERTIFICATION IV
SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 08/01/10 | 6.9 | 0.2 | 7.0 | 0.5 | | | 6.9 | 2.7 | 21 | 0.00 | 77 | 58 | 0 |
| 08/02/10 | 6.8 | 1.4 | 6.9 | 0.5 | | | 6.9 | 2.6 | 22 | 0.00 | 75 | 57 | 0 |
| 08/03/10 | 6.8 | 2.1 | 7.0 | 0.2 | | | 6.9 | 2.1 | 22 | 0.00 | 76 | 57 | 0 |
| 08/04/10 | 6.8 | 0.9 | 6.9 | 0.4 | | | 6.8 | 1.6 | 23 | 0.00 | 81 | 57 | 0 |
| 08/05/10 | 6.8 | 1.3 | 6.9 | 0.2 | | | 6.8 | 0.7 | 24 | 0.73 | 83 | 59 | 0 |
| 08/06/10 | 7.0 | 0.2 | 7.0 | 1.6 | | | 6.7 | 0.6 | 24 | 0.00 | 74 | 57 | 0 |
| 08/07/10 | 7.0 | 0.8 | 7.0 | 0.9 | | | 6.7 | 0.6 | 24 | 0.00 | 74 | 59 | 0 |
| 08/08/10 | 7.0 | 1.2 | 7.0 | 1.0 | | | 6.7 | 0.6 | 24 | 0.01 | 73 | 60 | 0 |
| 08/09/10 | 6.9 | 1.4 | 7.0 | 1.5 | | | 6.7 | 0.5 | 24 | 0.00 | 67 | 57 | 0 |
| 08/10/10 | 6.9 | 1.5 | 6.9 | 1.4 | | | 6.7 | 0.5 | 25 | 0.00 | 71 | 57 | 0 |
| 08/11/10 | 7.0 | 2.3 | 7.0 | 1.5 | | | 6.7 | 0.6 | 25 | 0.80 | 78 | 51 | 0 |
| 08/12/10 | 6.9 | 2.0 | 6.9 | 1.4 | | | 6.7 | 0.5 | 25 | 0.00 | 83 | 53 | 0 |
| 08/13/10 | 6.9 | 2.1 | 7.0 | 1.2 | | | 6.7 | 0.5 | 25 | 0.00 | 92 | 55 | 0 |
| 08/14/10 | 6.8 | 0.4 | 6.9 | 1.8 | | | 6.8 | 0.6 | 26 | 0.00 | 98 | 55 | 0 |
| 08/15/10 | 6.7 | 0.2 | 6.9 | 1.8 | | | 6.7 | 0.6 | 26 | 0.00 | 93 | 57 | 0 |
| 08/16/10 | 6.8 | 1.0 | 6.9 | 1.2 | | | 6.8 | 0.5 | 26 | 0.00 | 95 | 57 | 0 |
| 08/17/10 | 6.9 | 1.2 | 7.0 | 2.0 | | | 6.7 | 0.4 | 27 | 0.97 | 87 | 58 | 0 |
| 08/18/10 | 6.8 | 2.5 | 6.9 | 1.7 | | | 6.7 | 0.6 | 27 | 0.00 | 75 | 55 | 0 |
| 08/19/10 | 6.8 | 0.8 | 6.8 | 1.4 | | | 6.7 | 0.5 | 27 | 0.00 | 73 | 56 | 0 |
| 08/20/10 | 6.8 | 2.4 | 6.8 | 1.5 | | | 6.7 | 0.5 | 27 | 0.00 | 72 | 48 | 0 |
| 08/21/10 | 7.0 | 0.3 | 6.8 | 1.6 | | | 6.7 | 0.4 | 27 | 0.00 | 70 | 54 | 0 |
| 08/22/10 | 6.9 | 0.7 | 6.9 | 0.4 | | | 6.8 | 0.5 | 28 | 0.00 | 70 | 57 | 0 |
| 08/23/10 | 7.0 | 1.8 | 6.9 | 1.4 | | | 6.7 | 0.5 | 28 | 0.00 | 78 | 47 | 0 |
| 08/24/10 | 6.8 | 2.3 | 6.9 | 1.3 | | | 6.7 | 0.4 | 27 | 1.10 | 81 | 53 | 0 |
| 08/25/10 | 6.9 | 1.3 | 6.9 | 1.7 | | | 6.7 | 0.5 | 27 | 0.00 | 92 | 52 | 0 |
| 08/26/10 | 6.8 | 2.3 | 6.8 | 1.8 | | | 6.7 | 0.5 | 27 | 0.00 | 70 | 53 | 0 |
| 08/27/10 | 6.9 | 2.4 | 6.9 | 1.7 | | | 6.8 | 0.5 | 28 | 0.00 | 72 | 50 | 0 |
| 08/28/10 | 6.8 | 2.2 | 6.9 | 1.0 | | | 6.8 | 0.5 | 28 | 0.00 | 73 | 52 | 0 |
| 08/29/10 | 6.9 | 2.0 | 6.9 | 1.5 | | | 6.8 | 0.5 | 28 | 0.00 | 66 | 50 | 0 |
| 08/30/10 | 6.8 | 2.4 | 6.9 | 1.5 | | | 6.8 | 0.5 | 28 | 0.03 | 72 | 53 | 0 |
| 08/31/10 | 6.8 | 2.1 | 6.9 | 1.7 | | | 6.8 | 0.4 | 27 | 0.44 | 60 | 52 | 0 |
| TOTAL | | | | | | | | | | 0.48 | | | 0 |
| MIN | 6.7 | 0.2 | 6.8 | 0.2 | 0.0 | 0.0 | 6.7 | 0.4 | 21 | 0.73 | 60 | 47 | 0 |
| AVG | 6.9 | 1.5 | 6.9 | 1.3 | ## | ## | 6.8 | 0.7 | 26 | 0.90 | 78 | 55 | 0 |
| MAX | 7.0 | 2.5 | 7.0 | 2.0 | 0.0 | 0.0 | 6.9 | 2.7 | 28 | 1.10 | 98 | 60 | 0 |

CITY OF WOODLAND WWTPL MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | |
|----------|----------------|-------------|-------------|---------------|----------------|-------------|-------------|---------------------|----------------------|-----------------------|--------------------|---------------------|----------------------|-----------------------|------|---------------|----------|---------------|-----------------|-----|
| | INF MGD | BOD MG/L | TSS MG/L | TBA LB/DAY | EFF MGD | BOD MG/L | TSS MG/L | % BOD REMOVED | LBS BOD DISCH. | LBS BOD REMOVED | TSS MG/L AVG | % TSS REMOVED | LBS TSS DISCH. | LBS TSS REMOVED | PH | FECAL MG/L | | FECAL MG/L | AMMONIA MG/L | |
| 09/01/10 | 0.475 | 332 | 1315 | 400 | 1585 | 0.455 | 1.8 | 99% | 7 | 2.0 | 100% | 8 | 7.0 | 34 | 31 | 0.03 | 0.11 | | | |
| 09/02/10 | 0.456 | 267 | 1015 | 215 | 817 | 0.453 | 2.1 | 99% | 8 | 1.0 | 100% | 4 | 6 | 7.0 | 34 | | | | | |
| 09/03/10 | 0.402 | | | | 0.405 | | | | | | | | | 7.0 | | | | | | |
| 09/04/10 | 0.421 | | | | 0.411 | | | | | | | | | 7.2 | | | | | | |
| 09/05/10 | 0.388 | | | | 0.390 | | | | | | | | | 7.1 | | | | | | |
| 09/06/10 | 0.453 | | | | 0.421 | | | | | | | | | 7.0 | | | | | | |
| 09/07/10 | 0.465 | 287 | 1113 | 320 | 1241 | 0.470 | 2.5 | 99% | 10 | 1.0 | 100% | 4 | 7.0 | 26 | 0.04 | 0.16 | | | | |
| 09/08/10 | 0.446 | 280 | 1041 | 285 | 1080 | 0.444 | 2.6 | 99% | 10 | 1.0 | 100% | 4 | 5 | 7.0 | 38 | 32 | | | | |
| 09/09/10 | 0.431 | 285 | 1060 | 325 | 1168 | 0.428 | 2.6 | 99% | 9 | 2.0 | 99% | 7 | 7.0 | | | | | | | |
| 09/10/10 | 0.410 | | | | 0.425 | | | | | | | | | 7.0 | | | | | | |
| 09/11/10 | 0.407 | | | | 0.388 | | | | | | | | | 7.0 | | | | | | |
| 09/12/10 | 0.457 | | | | 0.435 | | | | | | | | | 7.0 | | | | | | |
| 09/13/10 | 0.457 | | | | 0.447 | | | | | | | | | 7.1 | | | | | | |
| 09/14/10 | 0.454 | 286 | 1083 | 320 | 1212 | 0.427 | 2.9 | 99% | 10 | 1.5 | 100% | 5 | 7.0 | 33 | 0.03 | 0.11 | | | | |
| 09/15/10 | 0.473 | 286 | 1128 | 315 | 1243 | 0.452 | 2.6 | 99% | 10 | 2.0 | 99% | 8 | 8 | 7.0 | 28 | 31 | | | | |
| 09/16/10 | 0.484 | 285 | 1150 | 350 | 1413 | 0.485 | 2.5 | 99% | 10 | 2.5 | 99% | 10 | 7.0 | | | | | | | |
| 09/17/10 | 0.471 | | | | 0.478 | | | | | | | | | 7.0 | | | | | | |
| 09/18/10 | 0.473 | | | | 0.465 | | | | | | | | | 7.0 | | | | | | |
| 09/19/10 | 0.497 | | | | 0.438 | | | | | | | | | 7.1 | | | | | | |
| 09/20/10 | 0.497 | | | | 0.485 | | | | | | | | | 7.0 | | | | | | |
| 09/21/10 | 0.461 | 299 | 1150 | 355 | 1365 | 0.441 | 4.3 | 99% | 16 | 6.5 | 98% | 24 | 24 | 7.1 | 34 | 0.03 | 0.11 | | | |
| 09/22/10 | 0.472 | 280 | 1102 | 340 | 1338 | 0.444 | 4.1 | 99% | 15 | 6.5 | 98% | 24 | 24 | 7.0 | 30 | 32 | | | | |
| 09/23/10 | 0.486 | 260 | 1054 | 295 | 1196 | 0.450 | 4.0 | 98% | 15 | 6.5 | 98% | 24 | 24 | 7.0 | | | | | | |
| 09/24/10 | 0.461 | | | | 0.444 | | | | | | | | | 7.0 | | | | | | |
| 09/25/10 | 0.500 | | | | 0.430 | | | | | | | | | 7.2 | | | | | | |
| 09/26/10 | 0.448 | | | | 0.407 | | | | | | | | | 7.0 | | | | | | |
| 09/27/10 | 0.484 | | | | 0.442 | | | | | | | | | 7.1 | | | | | | |
| 09/28/10 | 0.463 | 351 | 1355 | 445 | 1718 | 0.447 | 3.4 | 99% | 13 | 3.0 | 99% | 11 | 11 | 7.0 | 28 | 0.03 | 0.11 | | | |
| 09/29/10 | 0.482 | 332 | 1335 | 350 | 1407 | 0.459 | 2.9 | 99% | 11 | 2.5 | 99% | 10 | 10 | 7.0 | 32 | 30 | | | | |
| 09/30/10 | 0.467 | 338 | 1316 | 340 | 1324 | 0.456 | 3.1 | 99% | 12 | 2.0 | 99% | 8 | 8 | 7.1 | | | | | | |
| TOTAL | 13.791 | | | | 13.202 | | | | 165 | | | 150 | | | | | | 0.60 | | |
| MIN | 0.388 | | | | | | | | | | | | | 7.0 | | | | | | |
| AVG | 0.458 | 298 | 1188 | 333 | 1292 | 0.440 | 3.0 | 99% | 11 | 2.9 | 99% | 11 | 24.0 | 7.2 | 31 | 0.03 | 0.12 | | | |
| MAX | 0.500 | 351 | 1355 | 445 | 1718 | 0.485 | 4.1 | | 15 | 7 | | 24.0 | 7.2 | 32 | 0.04 | 0.16 | | | | |
| PERMIT | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| LIMITS | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 


CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | PH | DO | PH | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 09/01/10 | 6.8 | 1.2 | 6.8 | 1.8 | | | 6.8 | 0.5 | 27 | 1.17 | 0.07 | 72 | 59 | 82666 | | | |
| 09/02/10 | 7.0 | 0.6 | 7.0 | 1.7 | | | 6.8 | 0.6 | 27 | | 0.01 | 83 | 49 | 82666 | | | |
| 09/03/10 | 7.0 | 0.8 | 7.0 | 1.5 | | | 6.8 | 0.6 | 27 | | 0.00 | 87 | 53 | 82666 | | | |
| 09/04/10 | 7.1 | 0.6 | 6.8 | 1.5 | | | 7.1 | 9.0 | 18 | | 0.00 | 69 | 57 | 0 | | | |
| 09/05/10 | 6.9 | 2.8 | 6.7 | 1.8 | | | 6.7 | 5.7 | 21 | | 0.00 | 67 | 51 | 0 | | | |
| 09/06/10 | 7.0 | 2.0 | 6.8 | 1.5 | | | 6.7 | 5.6 | 21 | | 0.03 | 71 | 47 | 0 | | | |
| 09/07/10 | 6.8 | 0.5 | 6.8 | 1.2 | | | 6.7 | 5.0 | 21 | | 0.90 | 63 | 56 | 0 | | | |
| 09/08/10 | 6.8 | 0.5 | 6.9 | 1.9 | | | 6.6 | 0.9 | 22 | 0.55 | 0.01 | 64 | 54 | 0 | | | |
| 09/09/10 | 6.9 | 0.9 | 6.9 | 1.3 | | | 6.6 | 0.8 | 23 | | 0.00 | 66 | 55 | 0 | | | |
| 09/10/10 | 6.9 | 0.8 | 6.9 | 1.4 | | | 6.8 | 0.8 | 23 | | 0.00 | 65 | 53 | 0 | | | |
| 09/11/10 | 6.9 | 1.0 | 6.9 | 1.2 | | | 6.6 | 0.8 | 23 | | 0.00 | 72 | 49 | 0 | | | |
| 09/12/10 | 6.9 | 0.8 | 6.9 | 1.4 | | | 6.6 | 0.8 | 23 | | 0.00 | 76 | 48 | 0 | | | |
| 09/13/10 | 6.8 | 0.8 | 6.9 | 1.3 | | | 6.7 | 0.6 | 24 | | 0.00 | 74 | 53 | 0 | | | |
| 09/14/10 | 6.9 | 0.5 | 6.8 | 1.5 | | | 6.6 | 0.6 | 24 | 0.72 | 0.00 | 73 | 54 | 0 | | | |
| 09/15/10 | 6.8 | 0.7 | 6.8 | 1.3 | | | 6.6 | 0.6 | 24 | | 0.19 | 71 | 55 | 0 | | | |
| 09/16/10 | 6.9 | 0.4 | 6.9 | 0.1 | | | 6.6 | 0.5 | 24 | | 0.11 | 70 | 62 | 0 | | | |
| 09/17/10 | 6.8 | 0.6 | 6.9 | 0.5 | | | 6.6 | 0.5 | 24 | | 0.16 | 69 | 61 | 0 | | | |
| 09/18/10 | 6.9 | 0.7 | 6.8 | 0.4 | | | 6.5 | 0.4 | 24 | | 0.45 | 67 | 60 | 0 | | | |
| 09/19/10 | 6.9 | 0.4 | 6.9 | 0.3 | | | 6.5 | 0.4 | 24 | | 0.21 | 71 | 59 | 0 | | | |
| 09/20/10 | 6.8 | 0.5 | 6.8 | 0.3 | | | 6.5 | 0.5 | 24 | | 0.21 | 64 | 54 | 0 | | | |
| 09/21/10 | 6.9 | 0.5 | 6.9 | 0.2 | | | 6.8 | 0.5 | 25 | 0.83 | 0.00 | 67 | 50 | 0 | | | |
| 09/22/10 | 7.0 | 0.5 | 7.0 | 0.5 | | | 6.6 | 0.5 | 25 | | 0.00 | 70 | 51 | 0 | | | |
| 09/23/10 | 6.9 | 0.5 | 7.0 | 0.2 | | | 6.6 | 0.5 | 25 | | 0.15 | 57 | 49 | 0 | | | |
| 09/24/10 | 6.8 | 2.0 | 6.9 | 0.5 | | | 6.6 | 0.5 | 25 | | 0.00 | 73 | 51 | 0 | | | |
| 09/25/10 | 7.0 | 3.8 | 6.6 | 1.4 | | | 6.8 | 0.8 | 25 | | 0.00 | 79 | 50 | 0 | | | |
| 09/26/10 | 7.0 | 3.5 | 6.8 | 0.4 | | | 6.8 | 0.8 | 25 | | 0.01 | 68 | 58 | 0 | | | |
| 09/27/10 | 6.9 | 2.0 | 6.9 | 0.8 | | | 6.7 | 0.8 | 25 | | 0.01 | 85 | 60 | 0 | | | |
| 09/28/10 | 7.0 | 2.1 | 6.9 | 1.0 | | | 6.8 | 0.6 | 25 | 0.95 | 0.00 | 75 | 63 | 0 | | | |
| 09/29/10 | 6.9 | 0.8 | 6.9 | 0.6 | | | 6.7 | 0.5 | 25 | | 0.00 | 73 | 57 | 0 | | | |
| 09/30/10 | 7.0 | 0.5 | 7.0 | 1.1 | | | 6.7 | 0.5 | 25 | | 0.00 | 78 | 54 | 0 | | | |
| TOTAL | | | | | | | | | | | | | | | | | 247898 |
| MIN | 6.8 | 0.4 | 6.6 | 0.1 | 0.0 | 0.0 | 6.5 | 0.4 | 18 | 0.55 | 0.00 | 57 | 47 | 0 | | | |
| AVG | 6.9 | 1.1 | 6.9 | 1.0 | ### | ### | 6.7 | 1.4 | 24 | 0.84 | 0.08 | 71 | 54 | 8267 | | | |
| MAX | 7.1 | 3.6 | 7.0 | 1.9 | 0.0 | 0.0 | 7.1 | 9.0 | 27 | 1.17 | 0.90 | 87 | 63 | 82666 | | | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | |
|----------------|---------|---------|---------|-------------|---------|---------|---------|---------------|-----------------|----------------|---------|---------|---------|---------|---------------|-----------------|---------------|---------|-----|----------------|-------------|-----------------|-------------|-------------|-------------|----------|--|--|--|----------------|--|--|--|--|--|--|--|--|--|
| DATE | INF MGD | BOD MGD | TSS MGD | TSS LIBRARY | EFF MGD | BOD MGD | BOD MGD | % BOD REMOVAL | LBS BOD REMOVED | LBS BOD DISCH | BOD AVE | TSS MGD | TSS MGD | TSS MGD | % TSS REMOVAL | LBS TSS REMOVED | LBS TSS DISCH | TSS AVE | PH | FECAL #/1000L | FECAL GEM 7 | AMMONIA LIBRARY | AMMONIA MGD | AMMONIA MGD | AMMONIA MGD | COMMENTS | | | | | | | | | | | | | |
| 10/01/10 | 0.435 | | | | 0.461 | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | | |
| 10/02/10 | 0.451 | | | | 0.422 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/03/10 | 0.454 | | | | 0.392 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/04/10 | 0.488 | | | | 0.447 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/05/10 | 0.481 | 252 | 1011 | 245 | 983 | | | 99% | 10 | | | | | | | | | | | 7.0 | 34 | | 0.03 | 0.11 | | | | | | | | | | | | | | | |
| 10/06/10 | 0.459 | 238 | 911 | 340 | 1302 | | | 99% | 10 | 9 | 2.5 | 2.1 | | | | | | | | 7.1 | 30 | 32 | | | | | | | | | | | | | | | | | |
| 10/07/10 | 0.471 | 248 | 974 | 320 | 1257 | | | 99% | 8 | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/08/10 | 0.477 | | | | 0.435 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/09/10 | 0.456 | | | | 0.425 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/10/10 | 0.476 | | | | 0.413 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/11/10 | 0.482 | | | | 0.443 | | | | | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | |
| 10/12/10 | 0.455 | 297 | 1127 | 250 | 949 | | | 99% | 10 | | | | | | | | | | | 7.0 | 32 | | 0.04 | 0.14 | | | | | | | | | | | | | | | |
| 10/13/10 | 0.464 | 400 | 1548 | 410 | 1587 | | | 99% | 13 | 11 | 2.5 | 1.8 | | | | | | | | 7.1 | 74 | 53 | | | | | | | | | | | | | | | | | |
| 10/14/10 | 0.467 | 317 | 1235 | 280 | 1091 | | | 99% | 11 | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/15/10 | 0.434 | | | | 0.429 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/16/10 | 0.421 | | | | 0.395 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/17/10 | 0.456 | | | | 0.422 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/18/10 | 0.460 | | | | 0.415 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/19/10 | 0.451 | 218 | 820 | 315 | 1185 | | | 99% | 10 | | | | | | | | | | | 7.0 | 30 | | 0.03 | 0.11 | | | | | | | | | | | | | | | |
| 10/20/10 | 0.458 | 350 | 1337 | 455 | 1738 | | | 99% | 8 | 9 | 2.5 | 1.5 | | | | | | | | 7.1 | 34 | 32 | | | | | | | | | | | | | | | | | |
| 10/21/10 | 0.460 | 304 | 1166 | 365 | 1400 | | | 99% | 10 | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | |
| 10/22/10 | 0.455 | | | | 0.440 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/23/10 | 0.467 | | | | 0.444 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/24/10 | 0.480 | | | | 0.435 | | | | | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | |
| 10/25/10 | 0.549 | 240 | 1099 | 320 | 1465 | | | 99% | 8 | | | | | | | | | | | 7.1 | | | | | | | | | | | | | | | | | | | |
| 10/26/10 | 0.511 | 263 | 1121 | 370 | 1577 | | | 99% | 8 | 9 | 1.0 | 1.0 | | | | | | | | 7.0 | 26 | | 0.03 | 0.12 | | | | | | | | | | | | | | | |
| 10/27/10 | 0.474 | 256 | 1012 | 305 | 1206 | | | 99% | 10 | | | | | | | | | | | 7.0 | 28 | 27 | | | | | | | | | | | | | | | | | |
| 10/28/10 | 0.492 | | | | 0.462 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/29/10 | 0.408 | | | | 0.420 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/30/10 | 0.486 | | | | 0.504 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| 10/31/10 | 0.468 | | | | 0.443 | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14.446 | | | | 13.510 | | | | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN | 0.408 | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | | | | | | | | | | | | |
| AVG | 0.468 | 282 | 1113 | 331 | 1311 | | | 99.5% | 6 | | | | | | | | | | | | 34 | | 0.03 | 0.12 | | | | | | | | | | | | | | | |
| MAX | 0.549 | 400 | 1548 | 455 | 1738 | | | | | | | | | | | | | | | | | 53 | 0.04 | 0.14 | | | | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA002401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | PH | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 10/01/10 | 7.0 | 0.5 | 7.0 | 0.6 | | | 6.8 | 0.6 | 25 | | 0.00 | 67 | 53 | 0 |
| 10/02/10 | 6.9 | 0.9 | 6.8 | 1.1 | | | 6.7 | 0.5 | 25 | | 0.00 | 69 | 58 | 0 |
| 10/03/10 | 6.9 | 0.9 | 7.0 | 0.5 | | | 6.8 | 0.5 | 25 | | 0.00 | 64 | 54 | 0 |
| 10/04/10 | 6.8 | 3.0 | 6.8 | 0.2 | | | 6.8 | 0.6 | 26 | | 0.00 | 63 | 44 | 62000 |
| 10/05/10 | 6.8 | 1.0 | 6.9 | 0.8 | | | 6.8 | 0.6 | 26 | | 0.00 | 68 | 49 | 62000 |
| 10/06/10 | 6.9 | 1.5 | 7.0 | 1.3 | | | 6.8 | 0.6 | 26 | | 0.00 | 75 | 44 | 62000 |
| 10/07/10 | 6.8 | 1.3 | 6.9 | 1.1 | | | 6.7 | 0.5 | 26 | | 0.00 | 63 | 52 | 62000 |
| 10/08/10 | 6.9 | 1.0 | 7.0 | 1.6 | | | 6.8 | 0.6 | 26 | | 0.02 | 66 | 54 | 0 |
| 10/09/10 | 6.9 | 1.2 | 7.0 | 1.0 | | | 6.8 | 0.5 | 26 | | 0.14 | 68 | 58 | 0 |
| 10/10/10 | 6.9 | 1.0 | 7.0 | 1.4 | | | 6.8 | 0.5 | 26 | | 0.19 | 68 | 48 | 0 |
| 10/11/10 | 6.8 | 1.9 | 6.8 | 0.1 | | | 6.7 | 0.5 | 25 | 1.27 | 0.00 | 63 | 45 | 0 |
| 10/12/10 | 6.9 | 1.0 | 6.9 | 1.7 | | | 6.7 | 0.6 | 25 | | 0.01 | 69 | 39 | 0 |
| 10/13/10 | 7.0 | 3.0 | 7.0 | 1.3 | | | 6.7 | 0.6 | 25 | | 0.01 | 73 | 38 | 0 |
| 10/14/10 | 7.0 | 1.2 | 6.9 | 0.8 | | | 6.7 | 0.6 | 25 | | 0.03 | 68 | 43 | 0 |
| 10/15/10 | 6.9 | 2.0 | 7.0 | 0.8 | | | 6.7 | 0.5 | 25 | | 0.00 | 60 | 43 | 0 |
| 10/16/10 | 7.0 | 2.0 | 6.9 | 2.6 | | | 6.7 | 0.8 | 25 | | 0.00 | 81 | 40 | 0 |
| 10/17/10 | 7.0 | 0.4 | 6.7 | 1.9 | | | 6.8 | 0.8 | 24 | | 0.01 | 60 | 35 | 0 |
| 10/18/10 | 6.9 | 0.9 | 6.8 | 1.8 | | | 6.7 | 0.7 | 25 | | 0.01 | 64 | 37 | 0 |
| 10/19/10 | 7.0 | 1.0 | 6.9 | 1.1 | | | 6.7 | 0.7 | 25 | | 0.01 | 68 | 40 | 0 |
| 10/20/10 | 6.9 | 0.8 | 7.0 | 0.7 | | | 6.8 | 0.5 | 25 | | 0.00 | 72 | 41 | 0 |
| 10/21/10 | 7.0 | 0.7 | 6.8 | 1.9 | | | 6.8 | 0.6 | 25 | | 0.01 | 59 | 44 | 0 |
| 10/22/10 | 7.0 | 0.9 | 6.9 | 2.6 | | | 6.8 | 0.7 | 25 | | 0.03 | 62 | 51 | 0 |
| 10/23/10 | 6.8 | 0.7 | 6.9 | 0.3 | | | 6.7 | 0.6 | 25 | | 0.58 | 61 | 51 | 0 |
| 10/24/10 | 7.0 | 0.4 | 7.0 | 0.9 | | | 6.8 | 0.7 | 25 | | 0.56 | 55 | 48 | 0 |
| 10/25/10 | 7.0 | 0.6 | 6.9 | 0.8 | | | 6.7 | 0.5 | 24 | 1.37 | 0.46 | 55 | 44 | 0 |
| 10/26/10 | 6.8 | 2.7 | 6.9 | 0.9 | | | 6.7 | 0.5 | 24 | | 0.38 | 50 | 44 | 0 |
| 10/27/10 | 7.0 | 1.5 | 7.0 | 0.7 | | | 5.9 | 7.2 | 20 | | 0.00 | 58 | 44 | 0 |
| 10/28/10 | 7.0 | 0.6 | 7.0 | 0.4 | | | 5.9 | 6.3 | 20 | | 0.31 | 55 | 50 | 0 |
| 10/29/10 | 6.8 | 2.0 | 7.0 | 0.2 | | | 6.2 | 5.2 | 20 | | 0.04 | 61 | 45 | 0 |
| 10/30/10 | 6.9 | 1.4 | 7.0 | 0.3 | | | 6.0 | 5.0 | 20 | | 0.35 | 55 | 42 | 0 |
| 10/31/10 | 6.8 | 1.0 | 7.0 | 0.7 | | | 6.0 | 5.0 | 20 | | 0.05 | 57 | 45 | 0 |
| TOTAL | | | | | | | | | | | 3 | | | 248000 |
| MIN | 6.8 | 0.4 | 6.7 | 0.1 | 0.0 | 0.0 | 5.9 | 0.5 | 20 | 1.27 | 0.00 | 50 | 35 | 0 |
| AVG | 6.9 | 1.5 | 6.9 | 1.0 | ### | ### | 6.6 | 1.4 | 24 | 1.32 | 0.10 | 63 | 46 | 8000 |
| MAX | 7.0 | 6.9 | 7.0 | 2.6 | 0.0 | 0.0 | 6.8 | 7.2 | 26 | 1.37 | 0.58 | 75 | 58 | 62000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PART EFFLUENT | | | | PART EFFLUENT | | | | PH | FECAL #/1000 | FECAL GEN./17 | AMMONIA MGL | AMMONIA LIBR | COMMENTS |
|----------|---------------|------------|------------|--------------|---------------|------------|------------|--------------|------|-----------------|------------------|----------------|-----------------|----------|
| | BOD MGL | TSS MGL | TSS LIB | % REMOVED | BOD MGL | TSS MGL | TSS LIB | % REMOVED | | | | | | |
| 11/01/10 | 0.554 | | | | 0.531 | | | | 7.0 | | | | | |
| 11/02/10 | 0.473 | 281 | 1108 | 245 | 0.443 | 2.5 | 9 | 99% | 7.0 | 20 | | 0.03 | 0.11 | |
| 11/03/10 | 0.447 | 298 | 1111 | 300 | 0.424 | 2.1 | 8 | 100% | 7.0 | 28 | 24 | | | |
| 11/04/10 | 0.467 | 340 | 1324 | 285 | 0.436 | 2.1 | 8 | 100% | 7.1 | | | | | |
| 11/05/10 | 0.442 | | | | 0.435 | | | | 7.0 | | | | | |
| 11/06/10 | 0.524 | | | | 0.475 | | | | 7.1 | | | | | |
| 11/07/10 | 0.507 | | | | 0.456 | | | | 7.1 | | | | | |
| 11/08/10 | 0.505 | | | | 0.472 | | | | 7.1 | | | | | |
| 11/09/10 | 0.539 | 455 | 2045 | 325 | 0.493 | 2.9 | 12 | 100% | 7.0 | 32 | | 0.03 | 0.12 | |
| 11/10/10 | 0.443 | 227 | 839 | 120 | 0.440 | 2.2 | 8 | 99% | 7.0 | 34 | 33 | | | |
| 11/11/10 | 0.467 | 372 | 1449 | 425 | 0.444 | 1.7 | 6 | 100% | 7.1 | | | | | |
| 11/12/10 | 0.445 | | | | 0.429 | | | | 7.1 | | | | | |
| 11/13/10 | 0.477 | | | | 0.446 | | | | 7.0 | | | | | |
| 11/14/10 | 0.477 | | | | 0.425 | | | | 7.1 | | | | | |
| 11/15/10 | 0.501 | | | | 0.449 | | | | 7.1 | | | | | |
| 11/16/10 | 0.460 | 228 | 875 | 330 | 0.434 | 1.5 | 5 | 100% | 7.0 | 35 | | 0.03 | 0.11 | |
| 11/17/10 | 0.635 | 332 | 1758 | 545 | 0.506 | 2.0 | 7 | 100% | 7.0 | 32 | 34 | | | |
| 11/18/10 | 0.539 | 229 | 1028 | 360 | 0.494 | 1.8 | 7 | 100% | 7.0 | | | | | |
| 11/19/10 | 0.494 | | | | 0.469 | | | | 7.0 | | | | | |
| 11/20/10 | 0.513 | | | | 0.483 | | | | 7.0 | | | | | |
| 11/21/10 | 0.528 | | | | 0.458 | | | | 7.0 | | | | | |
| 11/22/10 | 0.519 | | | | 0.480 | | | | 7.0 | | | | | |
| 11/23/10 | 0.490 | 346 | 1422 | 410 | 0.461 | 2.4 | 9 | 100% | 7.1 | 31 | | 0.03 | 0.12 | |
| 11/24/10 | 0.490 | 406 | 1659 | 415 | 0.458 | 1.6 | 7 | 100% | 7.1 | 32 | 32 | | | |
| 11/25/10 | 0.444 | 400 | 1481 | 620 | 0.414 | 1.7 | 6 | 100% | 7.0 | | | | | |
| 11/26/10 | 0.435 | | | | 0.399 | | | | 7.0 | | | | | |
| 11/27/10 | 0.465 | | | | 0.425 | | | | 6.9 | | | | | |
| 11/28/10 | 0.480 | | | | 0.406 | | | | 6.8 | | | | | |
| 11/29/10 | 0.511 | | | | 0.456 | | | | 6.9 | | | | | |
| 11/30/10 | 0.473 | | | | 0.460 | | | | 6.8 | | | | | |
| TOTAL | 14.744 | | | | 13.801 | | 93 | | | | | | 0.46 | |
| MIN | 0.435 | | | | | | | | 6.8 | | | | | |
| AVG | 0.491 | 326 | 1342 | 365 | 0.453 | 2.0 | 8 | 99.7% | 7.1 | 30 | 34 | 0.03 | 0.11 | |
| MAX | 0.635 | 455 | 2045 | 820 | 0.531 | | 9 | | 7.1 | | | 0.03 | 0.12 | |
| AVG. | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | |
| PERMIT | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN CERTIFICATION IV

SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|------|--------------|-----------|----------|----------|-------------------------|
| | PH | D.O | DO | PH | DO | DO | PH | DO | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 11/01/10 | 6.8 | 2.2 | 7.0 | 0.6 | | | | | | | | | | 0.74 | 62 | 52 | 0 |
| 11/02/10 | 6.9 | 2.8 | 6.9 | 0.3 | | | | | | | | | | 0.01 | 64 | 51 | 0 |
| 11/03/10 | 6.9 | 1.9 | 6.8 | 3.9 | | | | | | | | | | 0.00 | 74 | 47 | 0 |
| 11/04/10 | 7.0 | 0.3 | 6.8 | 1.0 | | | | | | | | | | 0.00 | 69 | 45 | 0 |
| 11/05/10 | 6.8 | 3.7 | 6.9 | 0.2 | | | | | | | | | | 0.00 | 60 | 47 | 0 |
| 11/06/10 | 6.9 | 0.4 | 6.7 | 1.6 | | | | | | | | | | 0.80 | 58 | 52 | 0 |
| 11/07/10 | 6.9 | 2.0 | 6.7 | 3.2 | | | | | | | | | | 0.33 | 55 | 43 | 0 |
| 11/08/10 | 6.9 | 0.5 | 6.8 | 1.6 | | | | | | | | | 0.88 | 0.16 | 51 | 43 | 0 |
| 11/09/10 | 6.8 | 0.5 | 6.8 | 1.6 | | | | | | | | | | 0.56 | 48 | 43 | 0 |
| 11/10/10 | 6.8 | 0.6 | 6.8 | 1.6 | | | | | | | | | | 0.10 | 54 | 39 | 0 |
| 11/11/10 | 6.8 | 0.6 | 6.9 | 2.1 | | | | | | | | | | 0.13 | 49 | 37 | 0 |
| 11/12/10 | 6.8 | 0.5 | 6.9 | 2.9 | | | | | | | | | | 0.01 | 49 | 42 | 0 |
| 11/13/10 | 6.9 | 1.0 | 6.9 | 2.5 | | | | | | | | | | 0.15 | 47 | 42 | 0 |
| 11/14/10 | 6.9 | 2.3 | 6.9 | 3.1 | | | | | | | | | | 0.27 | 53 | 47 | 0 |
| 11/15/10 | 6.8 | 3.1 | 6.9 | 3.0 | | | | | | | | | | 0.08 | 57 | 51 | 0 |
| 11/16/10 | 6.9 | 0.8 | 6.9 | 1.8 | | | | | | | | | | 0.03 | 56 | 46 | 0 |
| 11/17/10 | 6.9 | 1.2 | 6.9 | 2.7 | | | | | | | | | | 0.90 | 49 | 40 | 0 |
| 11/18/10 | 6.9 | 1.0 | 6.9 | 2.5 | | | | | | | | | | 0.41 | 47 | 39 | 0 |
| 11/19/10 | 6.8 | 3.0 | 6.9 | 2.5 | | | | | | | | | | 0.23 | 48 | 39 | 0 |
| 11/20/10 | 6.8 | 2.0 | 6.9 | 2.3 | | | | | | | | | | 0.25 | 45 | 35 | 0 |
| 11/21/10 | 6.8 | 1.8 | 6.9 | 2.4 | | | | | | | | | | 0.18 | 36 | 31 | 0 |
| 11/22/10 | 6.8 | 1.5 | 6.9 | 2.0 | | | | | | | | | | 0.26 | 38 | 25 | 0 |
| 11/23/10 | 6.9 | 0.4 | 6.8 | 2.2 | | | | | | | | | | 0.00 | 30 | 19 | 0 |
| 11/24/10 | 6.9 | 0.4 | 6.8 | 3.0 | | | | | | | | | | 0.03 | 36 | 28 | 0 |
| 11/25/10 | 6.8 | 2.2 | 6.9 | 2.4 | | | | | | | | | | 0.00 | 41 | 30 | 0 |
| 11/26/10 | 6.9 | 1.7 | 6.9 | 0.5 | | | | | | | | | | 0.15 | 47 | 35 | 0 |
| 11/27/10 | 6.7 | 0.5 | 6.6 | 2.3 | | | | | | | | | | 0.12 | 44 | 37 | 0 |
| 11/28/10 | 6.7 | 0.5 | 6.7 | 1.7 | | | | | | | | | | 0.05 | 43 | 37 | 0 |
| 11/29/10 | 6.8 | 2.4 | 6.8 | 0.4 | | | | | | | | | | 0.10 | 45 | 38 | 0 |
| 11/30/10 | 6.7 | 0.3 | 6.7 | 2.0 | | | | | | | | | | 0.40 | 49 | 41 | 0 |
| TOTAL | | | | | | | | | | | | | | 6.45 | | | 0 |
| MIN | 6.7 | 0.3 | 6.6 | 0.2 | 0.0 | 0.0 | 5.8 | 0.5 | 20 | 0.88 | 0.00 | 30 | 19 | 0 | 0 | 0 | 0 |
| AVG | 6.8 | 1.4 | 6.8 | 2.0 | ### | ### | 6.6 | 0.8 | 21 | 0.88 | 0.22 | 50 | 40 | 0 | 0 | 0 | 0 |
| MAX | 7.0 | 3.7 | 7.0 | 3.9 | 0.0 | 0.0 | 7.0 | 2.2 | 22 | 0.88 | 0.90 | 74 | 52 | 0 | 0 | 0 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5135 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT EFFLUENT | | | PLANT EFFLUENT | | | PLANT EFFLUENT | | | PLANT EFFLUENT | | | PLANT EFFLUENT | | | PLANT EFFLUENT | | | PLANT EFFLUENT | | | COMMENTS | | | | | | | | | | | | | | | | |
|----------|----------------|-------------|-------------|----------------|-------------|-------------|----------------|-------------|-------------|----------------|---------------|-------------|----------------|-------------|-------------|----------------|-------------|-------------|----------------|---------------|---------------|----------|-------------|---------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| | INF MGD | BOD MG/L | TSS MG/L | TSS MG/L | BOD MG/L | % REMOV. | BOD MG/L | % REMOV. | TSS MG/L | LBS DISCH. | LBS DISCH. | TSS MG/L | LBS DISCH. | % REMOV. | BOD MG/L | % REMOV. | BOD MG/L | % REMOV. | TSS MG/L | LBS DISCH. | LBS DISCH. | | TSS MG/L | LBS DISCH. | % REMOV. | FECAL MG/L | FECAL MG/L | FECAL MG/L | FECAL MG/L | FECAL MG/L | FECAL MG/L | FECAL MG/L | FECAL MG/L | FECAL MG/L | | | | |
| 12/01/10 | 0.456 | 259 | 415 | 1578 | 0.388 | 2.4 | 99% | 8 | 1.0 | 100% | 3 | 6.8 | 20 | 6.8 | 24 | 22 | 0.03 | 0.10 | | | | | | | | | | | | | | | | | | | | |
| 12/02/10 | 0.467 | 300 | 450 | 1752 | 0.415 | 2.0 | 99% | 7 | 1.5 | 100% | 4 | 6.8 | 24 | 6.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/03/10 | 0.416 | | | | 0.427 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/04/10 | 0.424 | | | | 0.410 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/05/10 | 0.446 | | | | 0.385 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/06/10 | 0.620 | | | | 0.527 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/07/10 | 0.504 | 320 | 1345 | 535 | 2248 | 0.513 | 1.7 | 99% | 7 | 1.5 | 100% | 6 | 6.8 | 26.0 | 0.03 | 0.13 | | | | | | | | | | | | | | | | | | | | | | |
| 12/08/10 | 0.540 | 234 | 1054 | 385 | 1734 | 0.490 | 2.1 | 99% | 9 | 2.0 | 95% | 8 | 6.7 | 20.0 | 23 | | | | | | | | | | | | | | | | | | | | | | | |
| 12/09/10 | 0.546 | 278 | 1266 | 295 | 1343 | 0.507 | 2.1 | 99% | 9 | 1.0 | 100% | 4 | 6.8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/10 | 0.488 | | | | 0.470 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/11/10 | 0.569 | | | | 0.520 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/12/10 | 0.523 | | | | 0.472 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/13/10 | 0.530 | | | | 0.468 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/14/10 | 0.548 | 321 | 1467 | 465 | 2125 | 0.494 | 2.0 | 98% | 8 | 1.0 | 100% | 4 | 7.0 | 25 | 0.04 | 0.16 | | | | | | | | | | | | | | | | | | | | | | |
| 12/15/10 | 0.518 | 264 | 1141 | 285 | 1231 | 0.479 | 1.4 | 99% | 6 | 7 | 1.0 | 1.0 | 4 | 6.9 | 32 | 29 | | | | | | | | | | | | | | | | | | | | | | |
| 12/16/10 | 0.496 | 229 | 947 | 220 | 910 | 0.455 | 1.6 | 98% | 6 | 1.0 | 100% | 4 | 6.9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/17/10 | 0.487 | | | | 0.459 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/18/10 | 0.489 | | | | 0.460 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/19/10 | 0.526 | | | | 0.448 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/20/10 | 0.573 | | | | 0.527 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/21/10 | 0.505 | 242 | 1019 | 565 | 2380 | 0.476 | 1.8 | 99% | 7 | 1.0 | 100% | 4 | 6.8 | 37 | 0.03 | 0.12 | | | | | | | | | | | | | | | | | | | | | | |
| 12/22/10 | 0.556 | 337 | 1563 | 385 | 1785 | 0.481 | 1.4 | 100% | 6 | 7 | 1.5 | 1.2 | 5 | 6.8 | 28 | 33 | | | | | | | | | | | | | | | | | | | | | | |
| 12/23/10 | 0.489 | 405 | 1652 | 465 | 1896 | 0.473 | 2.1 | 95% | 8 | 1.0 | 100% | 4 | 6.9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/24/10 | 0.475 | | | | 0.446 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/25/10 | 0.428 | | | | 0.384 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/26/10 | 0.498 | | | | 0.445 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/27/10 | 0.638 | | | | 0.584 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/28/10 | 0.619 | 241 | 1244 | 265 | 1368 | 0.563 | 1.5 | 99% | 7 | 1.5 | 99% | 7 | 6.9 | 24 | 0.03 | 0.15 | | | | | | | | | | | | | | | | | | | | | | |
| 12/29/10 | 0.536 | 227 | 1015 | 195 | 872 | 0.536 | 1.7 | 99% | 8 | 10 | 3.0 | 2.1 | 9 | 6.8 | 68 | 46 | | | | | | | | | | | | | | | | | | | | | | |
| 12/30/10 | 0.537 | 248 | 1111 | 290 | 1299 | 0.503 | 3.7 | 99% | 16 | 2.0 | 99% | 8 | 6.8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/31/10 | 0.536 | | | | 0.502 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 15.993 | | | | 14.737 | | | 111 | | | | | 61 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN | 0.416 | | | | 0.475 | 2.0 | 99.3% | 6 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.516 | 279 | 1273 | 373 | 1609 | 0.475 | 2.0 | 99.3% | 6 | 1.4 | 99.6% | 6 | 6.7 | 28 | 0.03 | 0.13 | | | | | | | | | | | | | | | | | | | | | | |
| MAX | 0.638 | 405 | 1652 | 565 | 2380 | 0.584 | 2.3 | | 10 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 20 mgd | 3107 | | | 3160 | 30 | 30 | 85% | 466 | 700 | 30 | 475 | 700 | 5 | 200 | 400 | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN

CERTIFICATION IV

SIGNATURE



CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA0020401 F

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 12/01/10 | 6.8 | 2.3 | 6.8 | 0.2 | | | 6.8 | 0.6 | 22 | | 0.09 | 48 | 44 | 82666 |
| 12/02/10 | 6.8 | 0.2 | 6.8 | 2.9 | | | 6.8 | 0.8 | 22 | | 0.02 | 46 | 42 | 82666 |
| 12/03/10 | 6.8 | 1.0 | 6.8 | 2.0 | | | 6.8 | 0.7 | 22 | | 0.01 | 52 | 41 | 82666 |
| 12/04/10 | 6.8 | 1.3 | 6.7 | 3.2 | | | 6.7 | 0.8 | 22 | | 0.00 | 49 | 42 | 0 |
| 12/05/10 | 6.7 | 0.5 | 6.6 | 1.2 | | | 6.7 | 0.7 | 22 | | 0.00 | 51 | 45 | 0 |
| 12/06/10 | 6.7 | 0.9 | 6.7 | 2.6 | | | 6.7 | 0.6 | 22 | | 0.40 | 48 | 39 | 0 |
| 12/07/10 | 6.7 | 2.0 | 6.6 | 0.2 | | | 6.7 | 0.6 | 22 | | 0.29 | 45 | 39 | 0 |
| 12/08/10 | 6.7 | 0.8 | 6.6 | 0.5 | | | 6.8 | 0.4 | 22 | | 0.81 | 53 | 40 | 0 |
| 12/09/10 | 6.7 | 1.0 | 6.6 | 0.4 | | | 6.8 | 0.4 | 22 | | 0.64 | 52 | 43 | 0 |
| 12/10/10 | 6.8 | 0.6 | 6.7 | 0.5 | | | 6.8 | 0.4 | 22 | | 0.16 | 48 | 41 | 0 |
| 12/11/10 | 6.8 | 0.9 | 6.7 | 0.4 | | | 6.8 | 0.4 | 22 | | 0.82 | 58 | 40 | 0 |
| 12/12/10 | 6.8 | 1.0 | 6.8 | 0.6 | | | 6.8 | 0.4 | 22 | | 0.18 | 60 | 50 | 0 |
| 12/13/10 | 6.7 | 2.6 | 6.7 | 3.2 | | | 6.6 | 3.1 | 16 | 0.62 | 0.24 | 57 | 51 | 0 |
| 12/14/10 | 6.8 | 2.2 | 6.8 | 0.4 | | | 6.6 | 2.2 | 16 | 0.62 | 0.41 | 54 | 39 | 0 |
| 12/15/10 | 6.8 | 1.5 | 6.8 | 0.8 | | | 6.7 | 1.8 | 16 | | 0.15 | 46 | 41 | 0 |
| 12/16/10 | 6.8 | 0.8 | 6.8 | 2.9 | | | 6.7 | 1.0 | 16 | | 0.00 | 47 | 37 | 0 |
| 12/17/10 | 6.8 | 1.0 | 6.7 | 1.7 | | | 6.7 | 0.8 | 17 | | 0.00 | 48 | 33 | 0 |
| 12/18/10 | 6.7 | 0.4 | 6.6 | 0.2 | | | 6.6 | 1.5 | 17 | | 0.43 | 47 | 37 | 0 |
| 12/19/10 | 6.7 | 0.6 | 6.8 | 0.6 | | | 6.5 | 1.6 | 17 | | 0.27 | 45 | 35 | 0 |
| 12/20/10 | 6.7 | 1.8 | 6.8 | 0.1 | | | 6.6 | 1.3 | 17 | | 0.56 | 46 | 37 | 0 |
| 12/21/10 | 6.7 | 2.5 | 6.7 | 0.8 | | | 6.7 | 1.1 | 17 | | 0.04 | 49 | 36 | 0 |
| 12/22/10 | 6.8 | 2.8 | 6.7 | 0.6 | | | 6.7 | 0.8 | 17 | | 0.04 | 48 | 39 | 0 |
| 12/23/10 | 6.8 | 1.0 | 6.9 | 0.7 | | | 6.7 | 0.6 | 17 | | 0.00 | 46 | 39 | 0 |
| 12/24/10 | 6.7 | 0.3 | 6.8 | 0.4 | | | 6.8 | 0.6 | 18 | | 0.12 | 44 | 41 | 0 |
| 12/25/10 | 6.7 | 0.7 | 6.7 | 0.9 | | | 6.7 | 0.8 | 17 | | 0.12 | 48 | 41 | 0 |
| 12/26/10 | 6.7 | 0.4 | 6.7 | 1.0 | | | 6.7 | 0.8 | 17 | | 0.33 | 48 | 40 | 0 |
| 12/27/10 | 6.7 | 3.6 | 6.8 | 1.4 | | | 6.7 | 0.6 | 17 | | 0.72 | 48 | 40 | 0 |
| 12/28/10 | 6.8 | 1.0 | 6.8 | 1.2 | | | 6.7 | 0.6 | 17 | | 0.82 | 48 | 39 | 0 |
| 12/29/10 | 6.8 | 1.5 | 6.8 | 1.0 | | | 6.7 | 0.8 | 17 | | 0.12 | 44 | 30 | 0 |
| 12/30/10 | 6.8 | 1.8 | 6.8 | 1.5 | | | 6.7 | 0.7 | 17 | | 0.00 | 36 | 27 | 0 |
| 12/31/10 | 6.8 | 1.2 | 6.8 | 1.4 | | | 6.7 | 0.6 | 17 | | 0.01 | 38 | 25 | 0 |
| TOTAL | | | | | | | | | | | 7.80 | | | 247998 |
| MIN | 6.7 | 0.2 | 6.6 | 0.1 | 0.0 | 0.0 | 6.5 | 0.4 | 16 | 0.62 | 0.00 | 36 | 25 | 0 |
| AVG | 6.8 | 1.3 | 6.7 | 1.1 | ### | ### | 6.7 | 0.9 | 19 | 0.62 | 0.25 | 48 | 39 | 8000 |
| MAX | 6.8 | 3.6 | 6.9 | 3.2 | 0.0 | 0.0 | 6.8 | 3.1 | 22 | 0.62 | 0.82 | 60 | 51 | 82666 |

WILLIAMS TOWNSHIP MONTHLY MONITORING REPORT POPULATION-5135 NPDES WA002401 F

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | | | | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|----|----|--------|
| | PH | D.O | DO | PH | DO | DO | PH | DO | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | | | |
| 01/01/11 | 8.8 | 1.2 | 6.8 | 1.2 | | | | | | | | 6.7 | 0.7 | 17 | | | 0.00 | 38 | 28 | 0 |
| 01/02/11 | 6.8 | 1.0 | 6.8 | 1.5 | | | | | | | | 6.7 | 0.7 | 17 | | | 0.00 | 39 | 26 | 0 |
| 01/03/11 | 6.7 | 0.8 | 6.7 | 2.7 | | | | | | | | 6.7 | 0.6 | 17 | | | 0.01 | 41 | 24 | 82686 |
| 01/04/11 | 6.8 | 1.2 | 6.8 | 0.2 | | | | | | | | 6.8 | 0.7 | 18 | | | 0.00 | 35 | 25 | 82686 |
| 01/05/11 | 6.9 | 0.6 | 6.9 | 2.5 | | | | | | | | 6.8 | 0.6 | 18 | | | 0.58 | 41 | 32 | 82696 |
| 01/06/11 | 6.7 | 0.6 | 6.8 | 0.8 | | | | | | | | 6.7 | 0.7 | 17 | | | 0.14 | 44 | 39 | 0 |
| 01/07/11 | 6.7 | 0.8 | 6.7 | 1.7 | | | | | | | | 6.6 | 0.7 | 17 | | | 0.06 | 45 | 34 | 0 |
| 01/08/11 | 5.8 | 1.8 | 6.8 | 3.5 | | | | | | | | 6.3 | 1.4 | 16 | | | 0.04 | 41 | 31 | 0 |
| 01/09/11 | 6.6 | 0.2 | 6.7 | 0.6 | | | | | | | | 6.3 | 1.5 | 16 | | | 0.15 | 39 | 34 | 0 |
| 01/10/11 | 6.7 | 2.5 | 6.7 | 2.7 | | | | | | | | 6.4 | 1.0 | 16 | | | 0.03 | 40 | 33 | 0 |
| 01/11/11 | 6.8 | 0.9 | 6.7 | 3.0 | | | | | | | | 6.4 | 0.9 | 16 | 1.25 | | 0.05 | 38 | 33 | 0 |
| 01/12/11 | 6.8 | 0.6 | 6.7 | 0.2 | | | | | | | | 6.5 | 0.7 | 16 | | | 0.60 | 53 | 32 | 0 |
| 01/13/11 | 6.8 | 2.2 | 6.8 | 0.3 | | | | | | | | 6.5 | 0.7 | 16 | | | 0.54 | 57 | 49 | 0 |
| 01/14/11 | 6.7 | 1.8 | 6.8 | 0.7 | | | | | | | | 6.5 | 0.7 | 16 | | | 0.05 | 58 | 49 | 0 |
| 01/15/11 | 6.7 | 0.3 | 6.7 | 0.4 | | | | | | | | 6.9 | 4.7 | 14 | | | 0.79 | 56 | 51 | 0 |
| 01/16/11 | 6.7 | 0.7 | 6.8 | 1.5 | | | | | | | | 6.8 | 3.2 | 14 | | | 0.63 | 57 | 54 | 0 |
| 01/17/11 | 6.7 | 0.6 | 6.8 | 1.0 | | | | | | | | 6.8 | 3.0 | 14 | | | 0.32 | 55 | 43 | 0 |
| 01/18/11 | 6.7 | 0.6 | 6.8 | 1.7 | | | | | | | | 6.8 | 3.3 | 15 | | | 0.27 | 44 | 39 | 0 |
| 01/19/11 | 6.7 | 1.8 | 6.7 | 2.6 | | | | | | | | 6.7 | 3.0 | 15 | | | 0.01 | 44 | 33 | 0 |
| 01/20/11 | 6.8 | 0.6 | 6.7 | 2.5 | | | | | | | | 6.7 | 2.6 | 15 | | | 0.00 | 40 | 33 | 0 |
| 01/21/11 | 6.7 | 1.9 | 6.8 | 2.0 | | | | | | | | 6.7 | 2.2 | 15 | | | 0.51 | 45 | 40 | 0 |
| 01/22/11 | 6.8 | 1.5 | 6.8 | 1.7 | | | | | | | | 6.7 | 2.0 | 15 | | | 0.01 | 50 | 37 | 0 |
| 01/23/11 | 6.7 | 1.8 | 6.8 | 1.5 | | | | | | | | 6.7 | 2.0 | 15 | | | 0.06 | 44 | 36 | 0 |
| 01/24/11 | 6.7 | 0.9 | 6.7 | 3.3 | | | | | | | | 6.7 | 0.9 | 15 | | | 0.02 | 50 | 40 | 0 |
| 01/25/11 | 6.8 | 1.0 | 6.8 | 1.4 | | | | | | | | 6.7 | 0.8 | 15 | | | 0.00 | 51 | 38 | 0 |
| 01/26/11 | 6.8 | 1.2 | 6.8 | 1.5 | | | | | | | | 6.7 | 0.9 | 15 | | | 0.01 | 50 | 34 | 0 |
| 01/27/11 | 6.8 | 0.8 | 6.8 | 1.0 | | | | | | | | 6.7 | 0.9 | 15 | | | 0.00 | 49 | 35 | 0 |
| 01/28/11 | 6.8 | 0.5 | 6.8 | 2.2 | | | | | | | | 6.6 | 1.3 | 15 | | | 0.01 | 52 | 35 | 0 |
| 01/29/11 | 6.9 | 0.2 | 6.8 | 0.3 | | | | | | | | 6.7 | 1.4 | 16 | | | 0.04 | 53 | 40 | 0 |
| 01/30/11 | 6.8 | 1.5 | 6.7 | 2.7 | | | | | | | | 6.6 | 1.3 | 16 | | | 0.05 | 48 | 38 | 0 |
| 01/31/11 | 6.8 | 2.1 | 6.7 | 1.5 | | | | | | | | 6.6 | 1.2 | 16 | | | 0.00 | 46 | 38 | 0 |
| TOTAL | | | | | | | | | | | | | | | | | 4.98 | | | 247988 |
| MIN | 6.6 | 0.2 | 6.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.3 | 0.6 | 14 | 1.25 | 0.00 | 35 | 24 | | | 0 |
| AVG | 6.8 | 1.1 | 6.8 | 1.6 | ## | ## | ## | ## | ## | ## | 6.6 | 1.5 | 16 | 1.26 | 0.16 | 47 | 37 | | | 8000 |
| MAX | 6.9 | 2.5 | 6.9 | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 4.7 | 18 | 1.25 | 0.79 | 58 | 54 | | | 82666 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | |
|----------------|---------|---------|---------|-------------|---------|---------|---------------|----------------|-----------------|----------------|---------------------|---------|---------|---------|--------------|----------------|-----------------|----------------|---------------------|----------------|-----------------|------------|-------------|-----------------|----------|-----|--|--|--|----------------|--|--|--|--|--|--|--|--|--|
| DATE | INF MGD | BOD MGD | TSS MGD | TRP LBS/DAY | EFF MGD | BOD MGD | BOD REMOVAL % | BOD DISCH. LBS | BOD DISCH. AVG. | LBS BOD DISCH. | LBS BOD DISCH. AVG. | TSS MGD | TSS MGD | TSS MGD | % TSS REMOVE | TSS DISCH. LBS | TSS DISCH. AVG. | LBS TSS DISCH. | LBS TSS DISCH. AVG. | PH | FECAL #/1000RIF | FECAL GEM7 | AMMONIA MGD | AMMONIA LBS/DAY | COMMENTS | | | | | | | | | | | | | | |
| 02/01/11 | 0.540 | 290 | 1306 | 405 | 1824 | 0.571 | 2.1 | 99% | 10 | 11 | 4.0 | 3.7 | 99% | 17 | 16 | 7.0 | 56 | 44 | 7.0 | 32 | 0.03 | 0.14 | | | | | | | | | | | | | | | | | |
| 02/02/11 | 0.542 | 250 | 1130 | 370 | 1672 | 0.521 | 2.4 | 99% | 10 | 11 | 4.0 | 3.7 | 99% | 17 | 16 | 7.0 | 56 | 44 | 7.0 | 32 | 0.03 | 0.14 | | | | | | | | | | | | | | | | | |
| 02/03/11 | 0.506 | 282 | 1190 | 420 | 1772 | 0.506 | 2.9 | 99% | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/04/11 | 0.506 | | | | 0.490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/05/11 | 0.517 | | | | 0.481 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/06/11 | 0.523 | | | | 0.467 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/07/11 | 0.535 | | | | 0.502 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/08/11 | 0.504 | 232 | 975 | 415 | 1744 | 0.474 | 2.6 | 99% | 10 | 10 | 2.0 | 3.0 | 100% | 3 | 12 | 7.0 | 36 | 40 | 7.0 | 36 | 0.03 | 0.12 | | | | | | | | | | | | | | | | | |
| 02/09/11 | 0.490 | 230 | 940 | 480 | 1880 | 0.456 | 2.6 | 99% | 10 | 10 | 2.0 | 3.0 | 100% | 8 | 12 | 7.0 | 44 | 40 | 7.0 | 44 | 0.03 | 0.12 | | | | | | | | | | | | | | | | | |
| 02/10/11 | 0.489 | 280 | 1142 | 425 | 1733 | 0.447 | 2.6 | 99% | 10 | 10 | 5.0 | 5.0 | 99% | 19 | 18 | 6.9 | | | 6.9 | | | | | | | | | | | | | | | | | | | | |
| 02/11/11 | 0.472 | | | | 0.462 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/12/11 | 0.498 | | | | 0.467 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/13/11 | 0.484 | | | | 0.434 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/14/11 | 0.572 | | | | 0.509 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/15/11 | 0.546 | 199 | 906 | 255 | 1161 | 0.519 | 2.0 | 99% | 9 | 9 | 4.0 | 4.0 | 98% | 17 | 15 | 7.0 | 37 | 35 | 7.0 | 37 | 0.03 | 0.13 | | | | | | | | | | | | | | | | | |
| 02/16/11 | 0.563 | 235 | 1103 | 380 | 1690 | 0.510 | 2.0 | 99% | 9 | 9 | 2.0 | 3.5 | 99% | 9 | 15 | 7.0 | 33 | 35 | 7.0 | 33 | 0.03 | 0.13 | | | | | | | | | | | | | | | | | |
| 02/17/11 | 0.511 | 183 | 780 | 150 | 639 | 0.482 | 2.4 | 99% | 10 | 10 | 4.5 | 4.5 | 97% | 18 | 18 | 7.0 | | | 7.0 | | | | | | | | | | | | | | | | | | | | |
| 02/18/11 | 0.532 | | | | 0.510 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/19/11 | 0.510 | | | | 0.511 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/20/11 | 0.470 | | | | 0.457 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/21/11 | 0.543 | | | | 0.482 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/22/11 | 0.503 | 206 | 864 | 300 | 1259 | 0.475 | 2.2 | 99% | 9 | 9 | 2.5 | 2.2 | 99% | 10 | 9 | 7.0 | 29 | 33 | 7.0 | 29 | 0.04 | 0.16 | | | | | | | | | | | | | | | | | |
| 02/23/11 | 0.516 | 220 | 947 | 380 | 1635 | 0.475 | 2.4 | 99% | 10 | 15 | 1.5 | 2.2 | 100% | 6 | 9 | 7.0 | 36 | 33 | 7.0 | 36 | 0.04 | 0.16 | | | | | | | | | | | | | | | | | |
| 02/24/11 | 0.530 | 241 | 1065 | 485 | 2144 | 0.475 | 6.4 | 97% | 25 | 25 | 2.5 | 2.5 | 99% | 10 | 10 | 7.0 | | | 7.0 | | | | | | | | | | | | | | | | | | | | |
| 02/25/11 | 0.487 | | | | 0.463 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/26/11 | 0.494 | | | | 0.452 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/27/11 | 0.546 | | | | 0.463 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/28/11 | 0.627 | | | | 0.598 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14.986 | | | | 13.649 | | | 132 | | | | | | 152 | | | | | | | | | | | 0.55 | | | | | | | | | | | | | | |
| MIN | 0.470 | | | | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | | | | | | | | | | | |
| AVG | 0.520 | 237 | 1029 | 389 | 1598 | 0.487 | 2.7 | 99% | 11 | 11 | 3.1 | 3.1 | 99% | 13 | 13 | 7.0 | 37 | 37 | 7.0 | 37 | 0.03 | 0.14 | | | | | | | | | | | | | | | | | |
| MAX | 0.627 | 280 | 1306 | 485 | 2144 | 0.598 | 3.6 | | | 15 | | 4 | | | 16 | 16 | 7.0 | 44 | 44 | 7.0 | 44 | 0.04 | 0.16 | | | | | | | | | | | | | | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.9 MGD | | | | 3107 | 3160 | | 95% | 488 | 700 | 30 | 30 | 95% | 475 | 700 | 6 | 200 | 400 | | | | | | | 366 | lbs | | | | | | | | | | | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein, and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 6 years.)

MARK MORGAN CERTIFICATION IV SIGNATURE

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA00204011

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 02/01/11 | 6.8 | 0.6 | 6.8 | 2.8 | | | 6.7 | 1.0 | 16 | | 0.00 | 46 | 33 | 0 |
| 02/02/11 | 6.8 | 0.7 | 6.8 | 2.0 | | | 6.7 | 0.9 | 16 | | 0.00 | 46 | 29 | 0 |
| 02/03/11 | 6.7 | 0.8 | 6.8 | 1.7 | | | 6.7 | 0.8 | 16 | | 0.00 | 48 | 32 | 0 |
| 02/04/11 | 6.8 | 0.7 | 6.7 | 0.3 | | | 6.7 | 0.7 | 17 | | 0.06 | 49 | 42 | 0 |
| 02/05/11 | 6.8 | 0.2 | 6.8 | 0.3 | | | 6.7 | 0.8 | 17 | | 0.09 | 48 | 45 | 0 |
| 02/06/11 | 6.8 | 0.4 | 6.8 | 0.2 | | | 6.7 | 0.7 | 17 | | 0.08 | 54 | 46 | 0 |
| 02/07/11 | 6.8 | 0.9 | 6.7 | 1.9 | | | 6.8 | 0.6 | 17 | | 0.20 | 48 | 42 | 0 |
| 02/08/11 | 6.8 | 1.0 | 6.9 | 0.9 | | | 6.7 | 0.5 | 17 | 1.12 | 0.03 | 50 | 34 | 0 |
| 02/09/11 | 6.8 | 2.0 | 7.0 | 3.0 | | | 6.7 | 0.6 | 17 | | 0.00 | 49 | 33 | 0 |
| 02/10/11 | 6.9 | 1.6 | 6.9 | 1.1 | | | 6.7 | 0.6 | 17 | | 0.01 | 47 | 31 | 0 |
| 02/11/11 | 6.8 | 1.8 | 7.0 | 1.4 | | | 6.7 | 0.6 | 17 | | 0.00 | 47 | 35 | 0 |
| 02/12/11 | 6.8 | 1.8 | 7.0 | 1.2 | | | 6.7 | 0.6 | 17 | | 0.34 | 56 | 40 | 0 |
| 02/13/11 | 6.8 | 2.0 | 7.0 | 1.5 | | | 6.7 | 0.5 | 17 | | 0.10 | 50 | 37 | 0 |
| 02/14/11 | 6.8 | 1.6 | 7.0 | 1.4 | | | 6.7 | 0.6 | 17 | | 0.50 | 56 | 42 | 0 |
| 02/15/11 | 6.8 | 2.9 | 6.9 | 2.2 | | | 6.7 | 0.6 | 17 | | 0.55 | 45 | 37 | 0 |
| 02/16/11 | 6.8 | 2.0 | 6.9 | 2.1 | | | 6.7 | 0.8 | 17 | | 0.25 | 42 | 34 | 0 |
| 02/17/11 | 6.8 | 2.6 | 6.9 | 3.0 | | | 6.8 | 0.5 | 18 | | 0.00 | 47 | 36 | 0 |
| 02/18/11 | 6.8 | 1.5 | 6.9 | 2.0 | | | 6.8 | 0.5 | 18 | | 0.27 | 41 | 33 | 0 |
| 02/19/11 | 6.9 | 0.7 | 6.9 | 3.0 | | | 6.8 | 0.7 | 17 | | 0.01 | 48 | 30 | 0 |
| 02/20/11 | 6.8 | 0.5 | 7.0 | 0.9 | | | 6.9 | 0.8 | 17 | | 0.01 | 46 | 28 | 0 |
| 02/21/11 | 6.8 | 0.5 | 6.9 | 1.0 | | | 6.9 | 0.7 | 17 | | 0.02 | 45 | 37 | 0 |
| 02/22/11 | 6.9 | 0.5 | 6.9 | 1.9 | | | 6.9 | 0.6 | 17 | | 0.07 | 40 | 34 | 0 |
| 02/23/11 | 6.8 | 2.1 | 6.9 | 0.2 | | | 6.9 | 0.5 | 17 | | 0.24 | 39 | 32 | 0 |
| 02/24/11 | 6.9 | 0.5 | 6.8 | 3.3 | | | 6.9 | 0.6 | 17 | | 0.12 | 38 | 30 | 0 |
| 02/25/11 | 6.8 | 0.7 | 6.8 | 1.5 | | | 6.8 | 0.5 | 17 | | 0.02 | 36 | 25 | 0 |
| 02/26/11 | 6.8 | 0.5 | 6.9 | 0.8 | | | 6.7 | 0.6 | 17 | | 0.00 | 32 | 20 | 0 |
| 02/27/11 | 6.9 | 1.8 | 6.8 | 0.9 | | | 6.7 | 0.5 | 17 | | 0.17 | 44 | 32 | 0 |
| 02/28/11 | 6.9 | 0.7 | 6.8 | 3.0 | | | 6.8 | 0.5 | 17 | | 1.31 | 43 | 33 | 0 |
| TOTAL | | | | | | | | | | | 4.45 | | | 0 |
| MIN | 6.7 | 0.2 | 6.7 | 0.2 | 0.0 | 0.0 | 6.7 | 0.5 | 16 | 1.12 | 0.00 | 32 | 20 | 0 |
| AVG | 6.8 | 1.2 | 6.9 | 1.6 | ### | ### | 6.8 | 0.6 | 17 | 1.12 | 0.16 | 46 | 34 | 0 |
| MAX | 6.9 | 2.9 | 7.0 | 3.3 | 0.0 | 0.0 | 6.9 | 1.0 | 18 | 1.12 | 1.31 | 56 | 46 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| PLANT EFFLUENT | | | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS |
|----------------|------------|-------------|-------------|---------------|-------------|---------------------|-------------|---------------|-------------|---------------------|-------------|----------------|-------------|---------------|------|------------------------------|------------------------------|------------------------------|--|--|--|--|--|----------|
| DATE | INF MGD | BOD MG/L | TSS MG/L | TSS LB/DAY | TSS MG/L | % BOD REMOVED | BOD MG/L | BOD LB/DAY | BOD MG/L | % TSS REMOVED | TSS MG/L | TSS LB/DAY | TSS MG/L | TSS LB/DAY | PH | FECAL COLIFORMS /100ML | FECAL COLIFORMS /100ML | FECAL COLIFORMS /100ML | | | | | | |
| 03/01/11 | 0.550 | 164 | 445 | 2412 | 0.586 | 2.2 | 2.0 | 2.2 | 99% | 11 | 11 | 11 | 11 | 7.0 | 33.0 | 34 | 0.03 | 0.15 | | | | | | |
| 03/02/11 | 0.546 | 203 | 924 | 340 | 0.532 | 2.4 | 2.3 | 98% | 9 | 10 | 9 | 10 | 7.0 | 38.0 | 34 | | | | | | | | | |
| 03/03/11 | 0.577 | 279 | 1343 | 445 | 0.523 | 2.5 | 2.5 | 98% | 11 | 11 | 11 | 11 | 6.9 | | | | | | | | | | | |
| 03/04/11 | 0.575 | | | | 0.562 | | | | | | | | | | | | | | | | | | | |
| 03/05/11 | 0.533 | | | | 0.507 | | | | | | | | | | | | | | | | | | | |
| 03/06/11 | 0.551 | | | | 0.474 | | | | | | | | | | | | | | | | | | | |
| 03/07/11 | 0.550 | | | | 0.505 | | | | | | | | | | | | | | | | | | | |
| 03/08/11 | 0.558 | 212 | 987 | 320 | 0.505 | 2.8 | 3.0 | 98% | 12 | 13 | 13 | 13 | 6.9 | 26.0 | 25 | 0.04 | 0.17 | | | | | | | |
| 03/09/11 | 0.635 | 189 | 1001 | 320 | 0.561 | 2.9 | 2.7 | 98% | 14 | 15 | 14 | 15 | 7.0 | 24.0 | 25 | | | | | | | | | |
| 03/10/11 | 0.604 | 190 | 957 | 255 | 0.596 | 2.6 | 3.0 | 98% | 13 | 15 | 15 | 15 | 7.0 | | | | | | | | | | | |
| 03/11/11 | 0.525 | | | | 0.514 | | | | | | | | | | | | | | | | | | | |
| 03/12/11 | 0.577 | | | | 0.487 | | | | | | | | | | | | | | | | | | | |
| 03/13/11 | 0.661 | | | | 0.604 | | | | | | | | | | | | | | | | | | | |
| 03/14/11 | 0.636 | | | | 0.618 | | | | | | | | | | | | | | | | | | | |
| 03/15/11 | 0.630 | 210 | 1103 | 325 | 0.567 | 3.0 | 4.0 | 98% | 15 | 20 | 20 | 20 | 7.0 | 31 | | 0.03 | 0.15 | | | | | | | |
| 03/16/11 | 0.620 | 192 | 983 | 280 | 0.567 | 3.1 | 2.9 | 98% | 15 | 19 | 19 | 19 | 7.0 | 37 | 34 | | | | | | | | | |
| 03/17/11 | 0.607 | 221 | 1119 | 370 | 0.564 | 2.6 | 4.0 | 99% | 12 | 19 | 19 | 19 | 6.9 | | | | | | | | | | | |
| 03/18/11 | 0.602 | | | | 0.569 | | | | | | | | | | | | | | | | | | | |
| 03/19/11 | 0.572 | | | | 0.534 | | | | | | | | | | | | | | | | | | | |
| 03/20/11 | 0.579 | | | | 0.515 | | | | | | | | | | | | | | | | | | | |
| 03/21/11 | 0.593 | | | | 0.541 | | | | | | | | | | | | | | | | | | | |
| 03/22/11 | 0.590 | 283 | 1393 | 365 | 0.529 | 2.3 | 3.5 | 98% | 10 | 15 | 15 | 15 | 6.9 | 32 | | 0.03 | 0.13 | | | | | | | |
| 03/23/11 | 0.584 | 238 | 1159 | 275 | 0.538 | 3.2 | 2.8 | 98% | 14 | 25 | 25 | 25 | 6.9 | 37 | 35 | | | | | | | | | |
| 03/24/11 | 0.613 | 207 | 1058 | 220 | 0.552 | 3.0 | 4.0 | 98% | 14 | 18 | 18 | 18 | 7.0 | | | | | | | | | | | |
| 03/25/11 | 0.581 | | | | 0.542 | | | | | | | | | | | | | | | | | | | |
| 03/26/11 | 0.617 | | | | 0.563 | | | | | | | | | | | | | | | | | | | |
| 03/27/11 | 0.630 | | | | 0.553 | | | | | | | | | | | | | | | | | | | |
| 03/28/11 | 0.617 | | | | 0.565 | | | | | | | | | | | | | | | | | | | |
| 03/29/11 | 0.680 | 163 | 924 | 300 | 0.597 | 2.0 | 3.5 | 98% | 10 | 17 | 17 | 17 | 6.9 | 37 | | 0.04 | 0.20 | | | | | | | |
| 03/30/11 | 0.618 | 181 | 933 | 175 | 0.582 | 2.8 | 2.6 | 98% | 14 | 19 | 19 | 19 | 6.9 | 44 | 40 | | | | | | | | | |
| 03/31/11 | 0.593 | 297 | 1469 | 190 | 0.554 | 3.0 | 3.5 | 98% | 14 | 16 | 16 | 16 | 7.0 | | | | | | | | | | | |
| TOTAL | 18.484 | | | | 17.018 | | | | 188 | | | | | | | | | 0.00 | | | | | | |
| MIN | 0.525 | | | | | | | | | | | | | 6.9 | | | | | | | | | | |
| AVG | 0.596 | 215 | 1033 | 310 | 0.549 | 2.7 | 3.5 | 98% | 13 | 16 | 16 | 16 | 19 | 7.1 | 33 | | 0.03 | 0.16 | | | | | | |
| MAX | 0.680 | 287 | 1469 | 445 | 0.618 | 3.2 | 4.3 | 98% | 14 | 25 | 25 | 25 | 19 | 40 | 40 | | 0.04 | 0.20 | | | | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN SIGNATURE  CERTIFICATION IV

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WAO0204011

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 03/01/11 | 6.8 | 0.8 | 6.8 | 0.7 | | | 6.8 | 0.5 | 17 | | | | 0.41 | 40 | 33 | 82666 | |
| 03/02/11 | 6.9 | 0.7 | 6.7 | 3.2 | | | 6.8 | 0.8 | 18 | | | | 0.20 | 51 | 37 | 82666 | |
| 03/03/11 | 6.8 | 0.9 | 6.8 | 2.8 | | | 6.7 | 0.7 | 18 | | | | 0.30 | 49 | 37 | 82666 | |
| 03/04/11 | 6.8 | 0.8 | 6.8 | 0.6 | | | 6.8 | 0.6 | 18 | | | | 0.38 | 48 | 35 | 0 | |
| 03/05/11 | 6.8 | 0.7 | 6.8 | 1.5 | | | 6.4 | 4.0 | 13 | | | | 0.05 | 54 | 39 | 0 | |
| 03/06/11 | 6.8 | 0.9 | 6.8 | 1.0 | | | 6.4 | 3.9 | 13 | | | | 0.00 | 47 | 33 | 0 | |
| 03/07/11 | 6.8 | 2.1 | 6.8 | 2.7 | | | 6.5 | 2.9 | 13 | | | | 0.01 | 51 | 30 | 0 | |
| 03/08/11 | 6.7 | 2.1 | 6.9 | 0.2 | | | 6.5 | 0.8 | 14 | 0.68 | | | 0.31 | 57 | 40 | 0 | |
| 03/09/11 | 6.7 | 1.8 | 6.8 | 2.2 | | | 6.5 | 0.8 | 14 | | | | 0.56 | 56 | 49 | 0 | |
| 03/10/11 | 6.7 | 1.5 | 6.8 | 1.2 | | | 6.5 | 0.7 | 14 | | | | 0.85 | 52 | 38 | 0 | |
| 03/11/11 | 6.7 | 3.6 | 6.7 | 2.6 | | | 6.5 | 0.5 | 14 | | | | 0.01 | 56 | 38 | 0 | |
| 03/12/11 | 6.9 | 0.5 | 7.0 | 2.9 | | | 7.0 | 1.1 | 15 | | | | 0.41 | 51 | 43 | 0 | |
| 03/13/11 | 6.9 | 1.9 | 6.7 | 2.2 | | | 6.9 | 1.6 | 15 | | | | 0.61 | 51 | 44 | 0 | |
| 03/14/11 | 6.8 | 0.3 | 6.8 | 2.6 | | | 6.8 | 1.3 | 15 | | | | 0.18 | 54 | 45 | 0 | |
| 03/15/11 | 6.9 | 0.4 | 6.8 | 1.5 | | | 6.9 | 0.8 | 15 | | | | 0.36 | 54 | 45 | 0 | |
| 03/16/11 | 6.9 | 1.0 | 6.9 | 0.8 | | | 6.9 | 0.9 | 15 | | | | 0.27 | 47 | 39 | 0 | |
| 03/17/11 | 6.9 | 2.0 | 6.8 | 0.2 | | | 6.9 | 0.7 | 15 | 0.80 | | | 0.22 | 49 | 39 | 0 | |
| 03/18/11 | 6.8 | 3.0 | 6.8 | 1.5 | | | 6.8 | 0.7 | 15 | | | | 0.21 | 48 | 41 | 0 | |
| 03/19/11 | 6.9 | 0.5 | 6.7 | 2.5 | | | 6.8 | 0.6 | 15 | | | | 0.03 | 54 | 37 | 0 | |
| 03/20/11 | 6.9 | 0.2 | 6.8 | 1.2 | | | 6.9 | 0.6 | 15 | | | | 0.02 | 54 | 34 | 0 | |
| 03/21/11 | 6.8 | 2.4 | 6.8 | 1.5 | | | 6.9 | 0.6 | 16 | | | | 0.13 | 52 | 40 | 0 | |
| 03/22/11 | 6.9 | 1.0 | 6.7 | 3.1 | | | 6.9 | 0.5 | 16 | | | | 0.08 | 48 | 37 | 0 | |
| 03/23/11 | 6.9 | 0.9 | 6.8 | 0.9 | | | 6.9 | 0.6 | 16 | | | | 0.11 | 59 | 34 | 0 | |
| 03/24/11 | 6.8 | 3.1 | 6.9 | 1.0 | | | 6.9 | 0.6 | 16 | | | | 0.27 | 56 | 39 | 0 | |
| 03/25/11 | 6.8 | 1.3 | 6.9 | 0.1 | | | 6.7 | 0.5 | 16 | | | | 0.03 | 51 | 35 | 0 | |
| 03/26/11 | 6.8 | 1.5 | 6.9 | 0.8 | | | 6.7 | 0.5 | 16 | | | | 0.44 | 52 | 43 | 0 | |
| 03/27/11 | 6.9 | 1.0 | 6.8 | 1.0 | | | 6.7 | 0.5 | 16 | | | | 0.39 | 50 | 42 | 0 | |
| 03/28/11 | 6.8 | 1.7 | 6.9 | 2.1 | | | 6.7 | 0.6 | 16 | | | | 0.19 | 54 | 42 | 0 | |
| 03/29/11 | 6.8 | 0.8 | 6.8 | 1.9 | | | 6.6 | 0.6 | 16 | 1.09 | | | 0.40 | 52 | 46 | 0 | |
| 03/30/11 | 6.8 | 1.0 | 6.7 | 1.6 | | | 6.6 | 0.7 | 16 | | | | 0.06 | 57 | 51 | 0 | |
| 03/31/11 | 6.8 | 0.9 | 6.8 | 1.2 | | | 6.6 | 0.7 | 16 | | | | 0.06 | 58 | 46 | 0 | |
| TOTAL | | | | | | | | | | | | | 7.35 | | | 247998 | |
| MIN | 6.7 | 0.2 | 6.7 | 0.1 | 0.0 | 0.0 | 6.4 | 0.5 | 13 | 0.68 | | | 0.00 | 40 | 30 | 0 | |
| AVG | 6.8 | 1.3 | 6.8 | 1.6 | ### | ### | 6.7 | 1.0 | 15 | 0.86 | | | 0.24 | 52 | 40 | 8000 | |
| MAX | 6.9 | 3.6 | 7.0 | 3.2 | 0.0 | 0.0 | 7.0 | 4.0 | 18 | 1.09 | | | 0.65 | 59 | 51 | 82666 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PORT EFFLUENT | | | | | | | | | | PORT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|---------------|-------------|----------------|-------------|-------------|-------------|------------|------------|------------|-------------|---------------|------------|------------|------------|----|-----------------|----------------|------------------|---------------------|--|----------|
| | BOD MG/L | TSS MG/L | TSS LIBRARY | EFF MG/L | BOD MG/L | % REMOV. | LBS BOD | LBS BOD | LBS BOD | TSS MG/L | % REMOV. | LBS TSS | LBS TSS | LBS TSS | PH | FECAL #/1000 | FECAL GEN/7 | AMPHIBIA MG/L | AMPHIBIA LIBRARY | | |
| 04/01/11 | 0.546 | | | 0.531 | | | | | | | | | | 7.0 | | | | | | | |
| 04/02/11 | 0.571 | | | 0.526 | | | | | | | | | | 7.0 | | | | | | | |
| 04/03/11 | 0.535 | | | 0.500 | | | | | | | | | | 7.1 | | | | | | | |
| 04/04/11 | 0.652 | | | 0.579 | | | | | | | | | | 7.0 | | | | | | | |
| 04/05/11 | 0.578 | 140 | 675 | 0.563 | 4.1 | 97% | 19 | 19 | 6.0 | 96% | 28 | 28 | 28 | 7.0 | 45 | | 0.04 | 0.19 | | | |
| 04/06/11 | 0.598 | 158 | 225 | 0.566 | 4.0 | 97% | 19 | 19 | 7.5 | 97% | 35 | 35 | 28 | 7.0 | 66 | 54 | | | | | |
| 04/07/11 | 0.572 | 180 | 858 | 0.541 | 4.4 | 98% | 20 | 20 | 5.0 | 98% | 23 | 23 | 23 | 7.0 | | | | | | | |
| 04/08/11 | 0.527 | | | 0.511 | | | | | | | | | | 7.0 | | | | | | | |
| 04/09/11 | 0.540 | | | 0.510 | | | | | | | | | | 7.0 | | | | | | | |
| 04/10/11 | 0.607 | | | 0.520 | | | | | | | | | | 6.9 | | | | | | | |
| 04/11/11 | 0.578 | | | 0.538 | | | | | | | | | | 6.9 | | | | | | | |
| 04/12/11 | 0.552 | 148 | 575 | 0.529 | 3.6 | 98% | 16 | 16 | 6.0 | 95% | 26 | 26 | 26 | 7.0 | 58 | | 0.04 | 0.18 | | | |
| 04/13/11 | 0.558 | 163 | 759 | 0.529 | 3.9 | 98% | 17 | 16 | 7.5 | 98% | 33 | 33 | 23 | 7.0 | 74 | 66 | | | | | |
| 04/14/11 | 0.618 | 150 | 773 | 0.577 | 3.3 | 98% | 16 | 16 | 2.5 | 99% | 12 | 12 | 12 | 7.0 | | | | | | | |
| 04/15/11 | 0.594 | | | 0.585 | | | | | | | | | | 6.9 | | | | | | | |
| 04/16/11 | 0.568 | | | 0.471 | | | | | | | | | | 7.0 | | | | | | | |
| 04/17/11 | 0.555 | | | 0.560 | | | | | | | | | | 7.0 | | | | | | | |
| 04/18/11 | 0.566 | | | 0.539 | | | | | | | | | | 7.0 | | | | | | | |
| 04/19/11 | 0.552 | 260 | 1197 | 0.523 | 2.9 | 99% | 13 | 13 | 5.0 | 99% | 22 | 22 | 22 | 6.9 | 72 | | 0.03 | 0.13 | | | |
| 04/20/11 | 0.541 | 238 | 1074 | 0.526 | 2.6 | 99% | 11 | 11 | 2.5 | 99% | 11 | 13 | 13 | 7.0 | 36 | 54 | | | | | |
| 04/21/11 | 0.557 | 286 | 1336 | 0.517 | 2.4 | 99% | 10 | 10 | 1.5 | 100% | 6 | 6 | 6 | 7.0 | | | | | | | |
| 04/22/11 | 0.509 | | | 0.466 | | | | | | | | | | 7.0 | | | | | | | |
| 04/23/11 | 0.514 | | | 0.466 | | | | | | | | | | 7.0 | | | | | | | |
| 04/24/11 | 0.560 | | | 0.493 | | | | | | | | | | 7.1 | | | | | | | |
| 04/25/11 | 0.586 | | | 0.544 | | | | | | | | | | 7.0 | | | | | | | |
| 04/26/11 | 0.568 | 160 | 758 | 0.528 | 3.4 | 98% | 15 | 15 | 3.5 | 98% | 15 | 15 | 15 | 7.0 | 66 | | 0.03 | 0.13 | | | |
| 04/27/11 | 0.567 | 246 | 1163 | 0.525 | 2.8 | 99% | 12 | 14 | 4.5 | 99% | 20 | 18 | 18 | 7.0 | 41 | 54 | | | | | |
| 04/28/11 | 0.577 | 314 | 1511 | 0.534 | 3.3 | 98% | 15 | 15 | 4.5 | 99% | 20 | 20 | 20 | 7.0 | | | | | | | |
| 04/29/11 | 0.516 | | | 0.501 | | | | | | | | | | 7.0 | | | | | | | |
| 04/30/11 | 0.497 | | | 0.477 | | | | | | | | | | 7.0 | | | | | | | |
| TOTAL | 16,861 | | | 16,822 | | | 183 | | | | 282 | | | | | | | | 0.83 | | |
| MIN | 0.487 | | | | | | | | | | | | | 6.9 | | | | | | | |
| AVG | 0.566 | 205 | 971 | 0.530 | 3.4 | 98% | 15 | 15 | 4.7 | 98% | 21 | 21 | 21 | 7.1 | 55 | | 0.04 | 0.16 | | | |
| MAX | 0.662 | 314 | 1511 | 0.585 | 4.1 | | 19 | 19 | 6.1 | | 28 | 28 | 28 | 7.1 | 66 | 66 | 0.04 | 0.19 | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN CERTIFICATION IV SIGNATURE

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 04/01/11 | 6.8 | 1.0 | 6.8 | 1.2 | | | 6.6 | 0.7 | 16 | | 0.03 | 64 | 43 | 0 |
| 04/02/11 | 6.9 | 1.7 | 6.8 | 0.4 | | | 6.9 | 1.4 | 16 | | 0.12 | 50 | 39 | 0 |
| 04/03/11 | 6.9 | 2.0 | 6.7 | 0.4 | | | 7.0 | 1.2 | 16 | | 0.01 | 52 | 39 | 0 |
| 04/04/11 | 6.9 | 1.6 | 6.8 | 1.0 | | | 7.0 | 1.2 | 16 | | 0.89 | 47 | 42 | 78000 |
| 04/05/11 | 6.9 | 1.2 | 6.8 | 0.8 | | | 7.0 | 1.0 | 16 | | 0.16 | 52 | 38 | 78000 |
| 04/06/11 | 6.9 | 1.4 | 6.8 | 0.9 | | | 7.0 | 1.0 | 16 | | 0.37 | 45 | 36 | 78000 |
| 04/07/11 | 6.9 | 1.0 | 6.8 | 1.0 | | | 7.0 | 1.1 | 16 | | 0.00 | 52 | 36 | 0 |
| 04/08/11 | 6.9 | 1.2 | 6.8 | 0.9 | | | 6.8 | 5.9 | 13 | | 0.00 | 60 | 32 | 0 |
| 04/09/11 | 7.0 | 2.2 | 6.8 | 0.3 | | | 6.8 | 5.7 | 13 | | 0.00 | 56 | 43 | 0 |
| 04/10/11 | 6.9 | 0.1 | 6.8 | 0.1 | | | 6.7 | 5.1 | 15 | | 0.19 | 54 | 44 | 0 |
| 04/11/11 | 6.7 | 1.0 | 6.7 | 0.4 | | | 6.7 | 4.8 | 15 | | 0.15 | 53 | 31 | 0 |
| 04/12/11 | 6.7 | 1.2 | 6.7 | 0.6 | | | 6.7 | 4.4 | 15 | | 0.00 | 55 | 33 | 0 |
| 04/13/11 | 6.8 | 1.0 | 6.8 | 0.3 | | | 6.7 | 4.4 | 15 | | 0.18 | 53 | 43 | 0 |
| 04/14/11 | 6.8 | 1.1 | 6.7 | 0.6 | | | 6.7 | 3.7 | 15 | | 0.64 | 49 | 41 | 0 |
| 04/15/11 | 6.8 | 1.1 | 6.8 | 1.5 | | | 6.7 | 3.1 | 15 | | 0.48 | 50 | 41 | 0 |
| 04/16/11 | 6.8 | 1.0 | 6.8 | 0.9 | | | 6.7 | 3.1 | 15 | | 0.00 | 41 | 32 | 0 |
| 04/17/11 | 6.8 | 1.2 | 6.8 | 1.0 | | | 6.7 | 3.1 | 15 | | 0.00 | 54 | 32 | 0 |
| 04/18/11 | 6.8 | 0.8 | 6.8 | 0.8 | | | 6.7 | 3.0 | 15 | | 0.07 | 54 | 33 | 0 |
| 04/19/11 | 6.9 | 1.1 | 6.8 | 0.1 | | | 6.6 | 2.7 | 16 | 0.79 | 0.02 | 57 | 34 | 0 |
| 04/20/11 | 6.9 | 0.7 | 6.9 | 0.9 | | | 6.8 | 0.5 | 16 | | 0.00 | 59 | 36 | 0 |
| 04/21/11 | 6.7 | 1.3 | 6.8 | 1.1 | | | 6.8 | 0.6 | 16 | | 0.07 | 52 | 39 | 0 |
| 04/22/11 | 6.7 | 0.7 | 6.8 | 1.3 | | | 6.6 | 0.5 | 16 | | 0.00 | 63 | 34 | 0 |
| 04/23/11 | 6.8 | 1.5 | 6.7 | 1.6 | | | 6.8 | 0.5 | 16 | | 0.00 | 71 | 37 | 0 |
| 04/24/11 | 7.0 | 0.8 | 6.6 | 0.9 | | | 6.9 | 0.4 | 16 | | 0.42 | 54 | 46 | 0 |
| 04/25/11 | 6.7 | 0.6 | 6.7 | 0.5 | | | 6.8 | 0.5 | 16 | | 0.52 | 56 | 45 | 0 |
| 04/26/11 | 6.8 | 0.7 | 6.7 | 0.3 | | | 6.8 | 0.4 | 16 | | 0.25 | 55 | 44 | 0 |
| 04/27/11 | 6.8 | 0.7 | 6.8 | 0.4 | | | 6.8 | 0.5 | 16 | 0.97 | 0.10 | 55 | 40 | 0 |
| 04/28/11 | 6.8 | 0.6 | 6.7 | 0.5 | | | 6.7 | 0.4 | 17 | | 0.31 | 52 | 40 | 0 |
| 04/29/11 | 6.8 | 0.6 | 6.8 | 0.1 | | | 6.7 | 0.5 | 17 | | 0.00 | 57 | 40 | 0 |
| 04/30/11 | 6.8 | 0.6 | 6.8 | 0.2 | | | 6.7 | 0.6 | 17 | | 0.00 | 59 | 39 | 0 |
| TOTAL | | | | | | | | | | | 4.88 | | | 234000 |
| MIN | 6.7 | 0.1 | 6.6 | 0.1 | 0.0 | 0.0 | 6.6 | 0.4 | 13 | 0.79 | 0.00 | 41 | 31 | 0 |
| AVG | 6.8 | 1.1 | 6.8 | 0.7 | ### | ### | 6.8 | 2.2 | 16 | 0.88 | 0.18 | 54 | 38 | 8357 |
| MAX | 7.0 | 2.2 | 6.9 | 1.6 | 0.0 | 0.0 | 7.0 | 5.9 | 17 | 0.97 | 0.89 | 71 | 46 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | INF MED | | BOD MGD | | TSS MGD | | TSS LBS | | BOD LBS | | BOD % | | BOD REMOVAL | | TSS MGD | | TSS LBS | | TSS % | | TSS REMOVAL | | PH | | FECAL COLIFORM | | FECAL COLIFORM | | AMMONIA NITROGEN | | COMMENTS |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|-------------|----------|----------|----------|----------------|----------|----------------|----------|------------------|----------|----------|
| | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | INFLUENT | EFFLUENT | |
| 05/01/11 | 0.509 | 0.455 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/02/11 | 0.545 | 0.503 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/03/11 | 0.517 | 0.477 | 331 | 1427 | 485 | 2091 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/04/11 | 0.482 | 0.459 | 286 | 1190 | 460 | 1849 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/05/11 | 0.515 | 0.483 | 261 | 1121 | 385 | 1654 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/06/11 | 0.491 | 0.486 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/07/11 | 0.496 | 0.468 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/08/11 | 0.477 | 0.436 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/09/11 | 0.475 | 0.479 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/10/11 | 0.455 | 0.446 | 264 | 1002 | 335 | 1271 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/11/11 | 0.522 | 0.514 | 212 | 923 | 225 | 980 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/12/11 | 0.463 | 0.457 | 245 | 946 | 380 | 1467 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/13/11 | 0.450 | 0.472 | | | | | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | |
| 05/14/11 | 0.496 | 0.467 | | | | | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | |
| 05/15/11 | 0.564 | 0.534 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/16/11 | 0.481 | 0.482 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/17/11 | 0.474 | 0.471 | 214 | 846 | 270 | 1067 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/18/11 | 0.465 | 0.477 | 264 | 1024 | 440 | 1706 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/19/11 | 0.473 | 0.469 | 181 | 714 | 100 | 394 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/20/11 | 0.452 | 0.465 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/21/11 | 0.466 | 0.460 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/22/11 | 0.477 | 0.460 | | | | | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | |
| 05/23/11 | 0.506 | 0.480 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/24/11 | 0.472 | 0.455 | 305 | 1201 | 415 | 1634 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/25/11 | 0.505 | 0.479 | 282 | 1188 | 315 | 1327 | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | |
| 05/26/11 | 0.512 | 0.476 | 265 | 1132 | 405 | 1729 | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | |
| 05/27/11 | 0.491 | 0.487 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/28/11 | 0.466 | 0.453 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/29/11 | 0.452 | 0.420 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/30/11 | 0.459 | 0.447 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| 05/31/11 | 0.568 | 0.490 | | | | | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| TOTAL | 15.178 | 14.599 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN | 0.450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.490 | 0.471 | 280 | 1059 | 351 | 1431 | | | | | | | | | | | | | | | | | 6.9 | | | | | | | | |
| MAX | 0.568 | 0.534 | 331 | 1427 | 485 | 2091 | | | | | | | | | | | | | | | | | 7.0 | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN SIGNATURE

CERTIFICATION IV

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA002401 I

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIESETER (AEROBIC) | | WEATHER | | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|---------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 05/01/11 | 6.8 | 1.3 | 6.7 | 0.1 | | | 6.7 | 0.5 | 17 | | 0.00 | 67 | 37 | 0 |
| 05/02/11 | 6.8 | 0.6 | 6.8 | 0.4 | | | 6.7 | 0.7 | 17 | | 0.04 | 56 | 46 | 0 |
| 05/03/11 | 6.9 | 0.5 | 6.8 | 1.0 | | | 6.7 | 0.6 | 17 | | 0.06 | 58 | 43 | 0 |
| 05/04/11 | 6.9 | 0.5 | 6.8 | 0.5 | | | 6.7 | 0.7 | 18 | | 0.00 | 70 | 36 | 0 |
| 05/05/11 | 6.8 | 0.5 | 6.8 | 0.3 | | | 6.7 | 0.8 | 18 | | 0.12 | 57 | 46 | 0 |
| 05/06/11 | 6.8 | 0.5 | 6.7 | 0.3 | | | 6.7 | 0.5 | 18 | | 0.30 | 56 | 47 | 0 |
| 05/07/11 | 6.8 | 0.5 | 6.8 | 0.4 | | | 6.7 | 0.5 | 18 | | 0.19 | 55 | 47 | 0 |
| 05/08/11 | 6.8 | 0.5 | 6.8 | 0.3 | | | 6.7 | 0.6 | 18 | | 0.12 | 58 | 45 | 0 |
| 05/09/11 | 6.8 | 0.6 | 6.8 | 2.5 | | | 6.7 | 0.7 | 19 | 1.21 | 0.00 | 59 | 48 | 82666 |
| 05/10/11 | 6.9 | 0.7 | 6.9 | 0.4 | | | 6.7 | 0.8 | 19 | | 0.00 | 65 | 49 | 82666 |
| 05/11/11 | 6.9 | 0.7 | 6.8 | 0.7 | | | 6.7 | 0.9 | 19 | | 0.51 | 56 | 43 | 82666 |
| 05/12/11 | 6.8 | 0.7 | 6.8 | 0.8 | | | 6.6 | 1.2 | 13 | | 0.01 | 62 | 40 | 0 |
| 05/13/11 | 6.8 | 0.6 | 6.7 | 1.4 | | | 6.8 | 8.0 | 15 | | 0.00 | 69 | 41 | 0 |
| 05/14/11 | 6.9 | 0.8 | 6.7 | 0.8 | | | 6.7 | 5.0 | 15 | | 0.13 | 63 | 50 | 0 |
| 05/15/11 | 6.9 | 0.6 | 6.7 | 0.8 | | | 6.7 | 4.0 | 15 | | 0.78 | 54 | 47 | 0 |
| 05/16/11 | 6.8 | 0.4 | 6.7 | 0.3 | | | 6.7 | 4.7 | 15 | | 0.04 | 61 | 46 | 0 |
| 05/17/11 | 6.9 | 0.6 | 6.8 | 0.9 | | | 6.7 | 0.5 | 16 | 0.47 | 0.00 | 65 | 38 | 0 |
| 05/18/11 | 6.8 | 0.7 | 6.7 | 0.6 | | | 6.6 | 0.5 | 16 | | 0.00 | 71 | 44 | 0 |
| 05/19/11 | 6.8 | 0.6 | 6.8 | 0.9 | | | 6.7 | 0.5 | 17 | | 0.00 | 72 | 43 | 0 |
| 05/20/11 | 6.8 | 0.5 | 6.8 | 0.7 | | | 6.7 | 0.8 | 17 | | 0.00 | 73 | 42 | 0 |
| 05/21/11 | 6.8 | 1.4 | 6.7 | 1.8 | | | 6.7 | 0.5 | 17 | | 0.05 | 58 | 49 | 0 |
| 05/22/11 | 6.8 | 0.6 | 6.8 | 0.8 | | | 6.7 | 0.4 | 17 | | 0.00 | 60 | 49 | 0 |
| 05/23/11 | 6.9 | 0.6 | 6.8 | 1.8 | | | 6.7 | 0.5 | 17 | | 0.06 | 59 | 47 | 0 |
| 05/24/11 | 6.7 | 0.7 | 6.6 | 1.3 | | | 6.7 | 0.5 | 17 | | 0.01 | 67 | 42 | 0 |
| 05/25/11 | 6.7 | 0.4 | 6.6 | 1.7 | | | 6.7 | 0.6 | 17 | | 0.16 | 57 | 44 | 0 |
| 05/26/11 | 6.7 | 0.6 | 6.7 | 0.2 | | | 6.7 | 0.6 | 18 | | 0.13 | 58 | 40 | 0 |
| 05/27/11 | 6.7 | 0.5 | 6.6 | 1.9 | | | 6.7 | 0.8 | 18 | | 0.31 | 58 | 46 | 0 |
| 05/28/11 | 6.8 | 0.7 | 6.6 | 1.5 | | | 6.7 | 0.6 | 18 | | 0.10 | 62 | 44 | 0 |
| 05/29/11 | 6.8 | 0.5 | 6.6 | 1.4 | | | 6.7 | 0.6 | 18 | | 0.00 | 58 | 45 | 0 |
| 05/30/11 | 6.8 | 0.5 | 6.8 | 1.0 | | | 6.7 | 0.6 | 18 | | 0.01 | 65 | 49 | 0 |
| 05/31/11 | 6.8 | 0.6 | 6.8 | 1.2 | | | 6.7 | 0.6 | 18 | | 0.11 | 59 | 49 | 0 |
| TOTAL | | | | | | | | | | | 3.24 | | | 247988 |
| MIN | 6.7 | 0.4 | 6.6 | 0.1 | 0.0 | 0.0 | 6.6 | 0.4 | 13 | 0.47 | 0.00 | 54 | 36 | 0 |
| AVG | 6.8 | 0.6 | 6.7 | 0.9 | ### | ### | 6.7 | 1.6 | 17 | 0.84 | 0.10 | 61 | 45 | 8000 |
| MAX | 6.9 | 1.4 | 6.9 | 2.5 | 0.0 | 0.0 | 6.8 | ### | 19 | 1.21 | 0.78 | 73 | 50 | 82666 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|---------|---------|-------------|-------------|---------|---------|--------------|---------------|---------|----------------|---------------|--------------|---------------|---------|-----|---------------|------------|-------------|-----------------|----------|
| | INF MGD | BOD MGL | TSS MGL | TSS LBS/DAY | TRB LBS/DAY | EFF MGD | BOD MGL | % BOD REMOVE | LBS BOD DISCH | LBS BOD | TSS MGL | TSS LBS/DISCH | % TSS REMOVE | LBS TSS DISCH | LBS TSS | PH | FECAL #/100ml | FECAL GEM7 | AMMONIA MGL | AMMONIA LBS/DAY | |
| 06/01/11 | 0.508 | 347 | 1470 | 415 | 1758 | 0.482 | 3.3 | 99% | 13 | 3.0 | 1.5 | 2.2 | 99% | 6 | 9 | 6.9 | 21 | 27 | 0.03 | 0.12 | |
| 06/02/11 | 0.544 | 245 | 1111 | 405 | 1837 | 0.515 | 2.8 | 98% | 12 | 13 | 1.5 | 2.2 | 99% | 6 | 9 | 6.9 | 21 | 27 | 0.03 | 0.12 | |
| 06/03/11 | 0.474 | | | | | 0.481 | | | | | | | | | 7.0 | | | | | | |
| 06/04/11 | 0.475 | | | | | 0.459 | | | | | | | | | 7.0 | | | | | | |
| 06/05/11 | 0.485 | | | | | 0.444 | | | | | | | | | 7.0 | | | | | | |
| 06/06/11 | 0.506 | | | | | 0.478 | | | | | | | | | 7.0 | | | | | | |
| 06/07/11 | 0.508 | 332 | 1407 | 415 | 1758 | 0.476 | 3.3 | 99% | 13 | 1.5 | 1.5 | 99% | 6 | 6 | 7.0 | 13 | 18 | 0.04 | 0.16 | | |
| 06/08/11 | 0.506 | 338 | 1426 | 410 | 1730 | 0.484 | 2.5 | 99% | 10 | 11 | 1.0 | 1.5 | 99% | 4 | 6 | 6.9 | 23 | 18 | | | |
| 06/09/11 | 0.483 | 255 | 1027 | 330 | 1329 | 0.469 | 2.4 | 99% | 9 | 9 | 2.0 | 2.0 | 99% | 8 | 8 | 6.9 | | | | | |
| 06/10/11 | 0.486 | | | | | 0.478 | | | | | | | | | 7.0 | | | | | | |
| 06/11/11 | 0.492 | | | | | 0.465 | | | | | | | | | 7.0 | | | | | | |
| 06/12/11 | 0.491 | | | | | 0.454 | | | | | | | | | 7.0 | | | | | | |
| 06/13/11 | 0.536 | | | | | 0.493 | | | | | | | | | 7.0 | | | | | | |
| 06/14/11 | 0.497 | 395 | 1637 | 550 | 2280 | 0.474 | 2.4 | 99% | 9 | 9 | 2.0 | 2.0 | 99% | 8 | 8 | 6.9 | 33 | 0.03 | 0.12 | | |
| 06/15/11 | 0.490 | 342 | 1398 | 555 | 2268 | 0.469 | 2.4 | 99% | 9 | 9 | 1.0 | 1.3 | 99% | 4 | 5 | 6.9 | 32 | 33 | | | |
| 06/16/11 | 0.481 | 348 | 1396 | 585 | 2347 | 0.460 | 2.6 | 99% | 10 | 10 | 1.0 | 1.0 | 99% | 4 | 4 | 7.0 | | | | | |
| 06/17/11 | 0.487 | | | | | 0.469 | | | | | | | | | 7.0 | | | | | | |
| 06/18/11 | 0.528 | | | | | 0.497 | | | | | | | | | 7.0 | | | | | | |
| 06/19/11 | 0.484 | | | | | 0.459 | | | | | | | | | 7.0 | | | | | | |
| 06/20/11 | 0.474 | | | | | 0.454 | | | | | | | | | 7.0 | | | | | | |
| 06/21/11 | 0.464 | 368 | 1424 | 700 | 2709 | 0.448 | 3.0 | 99% | 11 | 11 | 1.0 | 2.7 | 99% | 4 | 10 | 7.0 | 13 | 0.03 | 0.11 | | |
| 06/22/11 | 0.494 | 362 | 1491 | 535 | 2204 | 0.468 | 3.5 | 99% | 14 | 14 | 3.0 | 2.7 | 99% | 12 | 10 | 7.0 | 31 | 22 | | | |
| 06/23/11 | 0.484 | 305 | 1231 | 505 | 2038 | 0.447 | 2.4 | 99% | 9 | 9 | 4.0 | 4.0 | 99% | 15 | 15 | 7.0 | | | | | |
| 06/24/11 | 0.471 | | | | | 0.455 | | | | | | | | | 6.9 | | | | | | |
| 06/25/11 | 0.473 | | | | | 0.447 | | | | | | | | | 6.9 | | | | | | |
| 06/26/11 | 0.483 | | | | | 0.445 | | | | | | | | | 6.9 | | | | | | |
| 06/27/11 | 0.491 | | | | | 0.473 | | | | | | | | | 6.9 | | | | | | |
| 06/28/11 | 0.481 | 422 | 1693 | 505 | 2026 | 0.447 | 8.1 | 98% | 30 | 30 | 6.0 | 2.7 | 99% | 22 | 22 | 7.0 | 25 | 0.04 | 0.15 | | |
| 06/29/11 | 0.470 | 352 | 1380 | 555 | 2097 | 0.477 | 2.5 | 98% | 10 | 17 | 1.0 | 2.7 | 99% | 4 | 10 | 7.0 | 32 | 29 | | | |
| 06/30/11 | 0.464 | 317 | 1227 | 415 | 1606 | 0.464 | 2.5 | 99% | 10 | 10 | 1.0 | 1.0 | 99% | 4 | 4 | 6.9 | | | | | |
| TOTAL | 14.710 | | | | | 14.031 | | | 170 | | | | | 112 | | | | | | 0.66 | |
| MIN | 0.464 | | | | | 0 | | | | | | | | | 6.9 | | | | | | |
| AVG | 0.492 | 338 | 1380 | 483 | 1999 | 0.467 | 3.2 | 99% | 12 | 12 | 2.3 | 2.7 | 99% | 8 | 10 | 7.0 | 24 | 0.03 | 0.13 | | |
| MAX | 0.544 | 422 | 1693 | 700 | 2709 | 0.515 | 3.0 | | 13 | 13 | 2.7 | 2.7 | | 10 | 10 | 7.0 | 33 | 0.04 | 0.16 | | |
| PERMIT | 3.0 | | | | | 3.0 | | | | | | | | | 6 | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN
 CERTIFICATION IV
 SIGNATURE 

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA0020401 I

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | PH | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 06/01/11 | 6.7 | 0.7 | 6.6 | 0.7 | | | 6.6 | 0.5 | 17 | | 0.01 | 61 | 48 | 0 |
| 06/02/11 | 6.8 | 0.5 | 6.4 | 0.8 | | | 6.6 | 0.5 | 17 | | 0.21 | 62 | 47 | 0 |
| 06/03/11 | 6.7 | 0.7 | 6.6 | 2.5 | | | 6.6 | 0.6 | 18 | | 0.02 | 77 | 46 | 0 |
| 06/04/11 | 6.8 | 0.8 | 6.6 | 0.8 | | | 6.8 | 1.0 | 20 | | 0.00 | 83 | 46 | 0 |
| 06/05/11 | 6.8 | 0.4 | 6.6 | 3.0 | | | 6.6 | 0.8 | 20 | | 0.00 | 79 | 55 | 0 |
| 06/06/11 | 6.7 | 0.5 | 6.6 | 1.2 | | | 6.6 | 0.6 | 20 | | 0.00 | 70 | 55 | 0 |
| 06/07/11 | 6.8 | 0.6 | 6.6 | 2.2 | | | 6.6 | 0.7 | 21 | 1 | 0.00 | 62 | 51 | 0 |
| 06/08/11 | 6.8 | 0.4 | 6.7 | 0.1 | | | 6.6 | 0.6 | 21 | | 0.02 | 62 | 51 | 0 |
| 06/09/11 | 6.7 | 0.6 | 6.6 | 0.2 | | | 6.6 | 0.6 | 21 | | 0.00 | 70 | 47 | 0 |
| 06/10/11 | 6.7 | 0.3 | 6.7 | 0.5 | | | 6.5 | 0.5 | 21 | | 0.00 | 74 | 54 | 0 |
| 06/11/11 | 6.8 | 1.1 | 6.7 | 2.1 | | | 6.6 | 0.6 | 22 | | 0.00 | 75 | 54 | 0 |
| 06/12/11 | 6.8 | 0.5 | 6.6 | 0.6 | | | 6.6 | 0.7 | 22 | | 0.08 | 66 | 46 | 0 |
| 06/13/11 | 6.8 | 0.6 | 6.6 | 0.5 | | | 6.6 | 0.5 | 22 | | 0.07 | 67 | 54 | 82656 |
| 06/14/11 | 6.7 | 0.3 | 6.7 | 0.5 | | | 6.6 | 0.8 | 22 | | 0.00 | 63 | 50 | 82636 |
| 06/15/11 | 6.8 | 0.5 | 6.6 | 0.8 | | | 6.6 | 0.7 | 22 | | 0.15 | 62 | 50 | 82636 |
| 06/16/11 | 6.8 | 0.3 | 6.6 | 0.2 | | | 6.6 | 0.5 | 16 | | 0.00 | 69 | 44 | 0 |
| 06/17/11 | 6.8 | 0.5 | 6.7 | 1.3 | | | 6.6 | 0.3 | 16 | | 0.00 | 75 | 44 | 0 |
| 06/18/11 | 6.8 | 0.5 | 6.7 | 1.3 | | | 6.6 | 0.9 | 16 | | 0.33 | 60 | 53 | 0 |
| 06/19/11 | 6.8 | 0.4 | 6.7 | 1.2 | | | 6.6 | 0.9 | 16 | | 0.08 | 64 | 53 | 0 |
| 06/20/11 | 6.8 | 0.4 | 6.7 | 1.4 | | | 6.6 | 0.8 | 16 | | 0.00 | 71 | 55 | 0 |
| 06/21/11 | 6.8 | 0.5 | 6.7 | 1.0 | | | 6.6 | 0.6 | 17 | | 0.00 | 81 | 53 | 0 |
| 06/22/11 | 6.7 | 0.3 | 6.6 | 1.1 | | | 6.6 | 0.3 | 17 | | 0.00 | 69 | 56 | 0 |
| 06/23/11 | 6.7 | 0.5 | 6.7 | 0.8 | | | 6.5 | 0.5 | 17 | | 0.02 | 66 | 53 | 0 |
| 06/24/11 | 6.6 | 0.7 | 6.6 | 0.1 | | | 6.5 | 0.0 | 18 | | 0.00 | 67 | 51 | 0 |
| 06/25/11 | 6.8 | 0.4 | 6.6 | 1.0 | | | 6.4 | 0.3 | 19 | | 0.00 | 70 | 45 | 0 |
| 06/26/11 | 6.8 | 2.2 | 6.5 | 0.7 | | | 6.3 | 0.5 | 19 | | 0.00 | 55 | 47 | 0 |
| 06/27/11 | 6.7 | 0.4 | 6.6 | 0.3 | | | 6.4 | 0.7 | 19 | | 0.01 | 72 | 54 | 0 |
| 06/28/11 | 6.9 | 0.2 | 6.6 | 0.4 | | | 6.4 | 0.3 | 19 | | 0.11 | 70 | 60 | 0 |
| 06/29/11 | 6.8 | 0.4 | 6.7 | 0.9 | | | 6.5 | 0.7 | 19 | | 0.03 | 68 | 57 | 0 |
| 06/30/11 | 6.8 | 0.2 | 6.6 | 0.7 | | | 6.4 | 0.2 | 19 | | 0.02 | 66 | 52 | 0 |
| TOTAL | | | | | | | | | | | 1.16 | | | 247998 |
| MIN | 6.6 | 0.2 | 6.4 | 0.1 | 0.0 | 0.0 | 6.3 | 0.5 | 16 | 0.77 | 0.00 | 55 | 44 | 0 |
| AVG | 6.8 | 0.6 | 6.6 | 1.0 | ### | ### | 6.6 | 0.5 | 19 | 0.77 | 0.04 | 69 | 51 | 8857 |
| MAX | 6.9 | 2.2 | 6.7 | 3.0 | 0.0 | 0.0 | 6.8 | 0.9 | 22 | 0.77 | 0.33 | 83 | 60 | 82666 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | POINT EFFLUENT | | | | POINT EFFLUENT | | | | | | | | | | COMMENTS | | | | |
|----------|----------------|--------------|---------|-------------|----------------|-------------|--------------|---------------|---------|---------|-------------|--------------|---------------|---------|----------|------|--------------|------------|-------------|
| | INF. MGD | POP. LBS/DAY | TSS MGD | TSS LBS/DAY | BOD MGD | BOD LBS/DAY | % BOD REMOVE | LBS BOD DISCH | LBS BOD | TSS MGD | TSS LBS/DAY | % TSS REMOVE | LBS TSS DISCH | LBS TSS | | PH | FECAL #/1000 | FECAL GEN7 | AMMONIA MCL |
| 07/01/11 | 0.427 | | | | | | | | | | | | | | 6.9 | | | | |
| 07/02/11 | 0.421 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/03/11 | 0.402 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/04/11 | 0.406 | | | | | | | | | | | | | | 7.0 | | 0.03 | | 0.10 |
| 07/05/11 | 0.456 | 349 | 1327 | 595 | 2263 | 3.3 | 99% | 13 | 3.5 | 12 | 99% | 13 | 12 | 7.0 | 7 | 21 | | | |
| 07/06/11 | 0.440 | 462 | 1695 | 635 | 2330 | 3.0 | 99% | 11 | 4.0 | 3.3 | 99% | 15 | 15 | 7.0 | 35 | | | | |
| 07/07/11 | 0.447 | 474 | 1767 | 475 | 1771 | 3.0 | 99% | 11 | 2.5 | 2.5 | 99% | 9 | 9 | 7.0 | | | | | |
| 07/08/11 | 0.442 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/09/11 | 0.413 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/10/11 | 0.406 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/11/11 | 0.446 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/12/11 | 0.441 | 473 | 1740 | 550 | 2023 | 3.7 | 99% | 14 | 3.5 | 3.2 | 99% | 13 | 13 | 6.9 | 40 | 53 | 0.03 | 0.11 | |
| 07/13/11 | 0.440 | 471 | 1728 | 605 | 2220 | 3.0 | 99% | 12 | 2.0 | 3.2 | 100% | 8 | 12 | 6.9 | 65 | | | | |
| 07/14/11 | 0.446 | 285 | 1060 | 310 | 1153 | 3.6 | 99% | 13 | 4.0 | | 99% | 15 | 15 | 7.0 | | | | | |
| 07/15/11 | 0.421 | | | | | | | | | | | | | | 6.9 | | | | |
| 07/16/11 | 0.425 | | | | | | | | | | | | | | 6.9 | | | | |
| 07/17/11 | 0.443 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/18/11 | 0.437 | | | | | | | | | | | | | | 6.9 | | | | |
| 07/19/11 | 0.434 | 304 | 1100 | 280 | 1050 | 2.6 | 99% | 9 | 3.0 | 2.3 | 99% | 11 | 11 | 7.0 | 45 | 38 | 0.04 | 0.14 | |
| 07/20/11 | 0.442 | 294 | 1084 | 370 | 1364 | 3.1 | 99% | 11 | 1.0 | 2.3 | 100% | 4 | 9 | 7.0 | 33 | | | | |
| 07/21/11 | 0.473 | 240 | 947 | 165 | 651 | 3.7 | 98% | 14 | 3.0 | | 98% | 11 | 11 | 7.0 | | | | | |
| 07/22/11 | 0.444 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/23/11 | 0.410 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/24/11 | 0.407 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/25/11 | 0.452 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/26/11 | 0.427 | 259 | 922 | 265 | 944 | 1.2 | 100% | 4 | 1.0 | | 100% | 3 | 3 | 7.0 | 45 | 45 | 0.03 | 0.10 | |
| 07/27/11 | 0.438 | 300 | 1096 | 335 | 1224 | 2.3 | 99% | 8 | 2.5 | 2.0 | 99% | 9 | 7 | 7.0 | 44 | | | | |
| 07/28/11 | 0.454 | 315 | 1193 | 365 | 1382 | 2.4 | 99% | 9 | 2.5 | | 99% | 9 | 9 | 7.0 | | | | | |
| 07/29/11 | 0.440 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/30/11 | 0.428 | | | | | | | | | | | | | | 7.0 | | | | |
| 07/31/11 | 0.429 | | | | | | | | | | | | | | 7.0 | | | | |
| TOTAL | 13.440 | | | | | | | 129 | | | | 120 | | | | | | | 0.45 |
| MIN | 0.402 | | | | | | | | | | | | | | 6.9 | | | | |
| AVG | 0.434 | 352 | 1305 | 413 | 1531 | 2.9 | 99% | 11 | 2.7 | 3.3 | 99% | 10 | 12.0 | 7.0 | 34 | 53 | 0.03 | 0.11 | |
| MAX | 0.473 | 474 | 1767 | 635 | 2330 | | | 13 | | | | | | | 7.0 | 53 | 0.04 | 0.14 | |
| AVG. | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. |
| PERMIT | | 3107 | \$160 | | | 3.0 | 85% | 460 | 700 | 3.0 | 85% | 470 | 700 | 8 | 200 | 400 | | 386 | lbs |
| LIMITS | | | | | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. |

I certify under penalty of law that I have personally examined the information submitted herein; and based on my inquiry of the individuals immediately responsible, I believe the information to be accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and/or imprisonment. (Penalties under statutes 18 & 33 U.S.C. may include fines up to \$10,000 and/or imprisonment of 5 years.)

MARK MORGAN

CERTIFICATION IV

SIGNATURE



CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA0020401 I

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|----|--------------------|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 07/01/11 | 6.7 | 0.4 | 6.6 | 0.2 | | | 6.5 | 4.0 | 20 | | | | 0.00 | 77 | 46 | 0 | |
| 07/02/11 | 6.8 | 0.7 | 6.6 | 1.0 | | | 6.5 | 3.4 | 22 | | | | 0.00 | 82 | 51 | 0 | |
| 07/03/11 | 6.7 | 1.8 | 6.7 | 0.1 | | | 6.4 | 3.0 | 20 | | | | 0.00 | 74 | 55 | 0 | |
| 07/04/11 | 6.7 | 1.0 | 6.7 | 0.1 | | | 6.4 | 3.0 | 20 | | | | 0.00 | 80 | 50 | 0 | |
| 07/05/11 | 6.7 | 0.3 | 6.6 | 0.2 | | | 6.4 | 2.5 | 20 | | | | 0.00 | 85 | 52 | 0 | |
| 07/06/11 | 6.7 | 0.3 | 6.7 | 0.7 | | | 6.4 | 2.0 | 21 | | | | 0.00 | 85 | 59 | 0 | |
| 07/07/11 | 6.7 | 0.3 | 6.5 | 1.4 | | | 6.5 | 2.1 | 21 | | | | 0.00 | 65 | 57 | 0 | |
| 07/08/11 | 6.7 | 0.6 | 6.6 | 1.0 | | | 6.5 | 2.0 | 21 | | | | 0.00 | 69 | 53 | 0 | |
| 07/09/11 | 6.7 | 0.5 | 6.8 | 1.1 | | | 6.5 | 2.0 | 21 | | | | 0.00 | 77 | 52 | 0 | |
| 07/10/11 | 6.8 | 1.0 | 6.6 | 0.9 | | | 6.5 | 2.0 | 21 | | | | 0.00 | 78 | 52 | 0 | |
| 07/11/11 | 6.7 | 0.2 | 6.7 | 0.7 | | | 6.3 | 0.8 | 22 | 0.78 | | | 0.00 | 73 | 53 | 0 | |
| 07/12/11 | 6.7 | 0.2 | 6.8 | 1.0 | | | 6.2 | 0.4 | 22 | | | | 0.10 | 69 | 56 | 0 | |
| 07/13/11 | 6.7 | 0.5 | 6.6 | 1.0 | | | 6.2 | 0.4 | 23 | | | | 0.17 | 67 | 54 | 0 | |
| 07/14/11 | 6.8 | 0.3 | 6.6 | 0.5 | | | 6.2 | 0.5 | 23 | | | | 0.00 | 67 | 54 | 0 | |
| 07/15/11 | 6.7 | 0.3 | 6.6 | 1.8 | | | 6.2 | 0.5 | 23 | | | | 0.00 | 77 | 56 | 0 | |
| 07/16/11 | 6.8 | 0.8 | 6.6 | 0.3 | | | 6.5 | 0.4 | 23 | | | | 0.17 | 74 | 59 | 0 | |
| 07/17/11 | 6.8 | 1.7 | 6.6 | 1.0 | | | 6.7 | 0.4 | 23 | | | | 0.24 | 65 | 56 | 0 | |
| 07/18/11 | 6.7 | 1.0 | 6.6 | 0.3 | | | 6.5 | 0.4 | 23 | | | | 0.01 | 73 | 53 | 82666 | |
| 07/19/11 | 6.7 | 1.2 | 6.6 | 0.3 | | | 6.5 | 0.4 | 23 | | | | 0.00 | 70 | 56 | 82666 | |
| 07/20/11 | 6.7 | 1.0 | 6.6 | 0.3 | | | 6.5 | 0.4 | 23 | | | | 0.00 | 75 | 51 | 82666 | |
| 07/21/11 | 6.7 | 0.3 | 6.8 | 0.7 | | | 6.5 | 0.4 | 23 | | | | 0.02 | 67 | 56 | 0 | |
| 07/22/11 | 6.7 | 0.3 | 6.7 | 0.6 | | | 6.6 | 0.5 | 23 | | | | 0.01 | 80 | 47 | 0 | |
| 07/23/11 | 6.8 | 0.6 | 6.6 | 1.7 | | | 6.5 | 0.4 | 23 | | | | 0.00 | 83 | 50 | 0 | |
| 07/24/11 | 6.7 | 1.3 | 6.7 | 0.2 | | | 6.5 | 0.5 | 24 | | | | 0.00 | 86 | 54 | 0 | |
| 07/25/11 | 6.8 | 0.9 | 6.7 | 0.5 | | | 6.5 | 0.4 | 24 | | | | 0.00 | 77 | 60 | 0 | |
| 07/26/11 | 6.8 | 0.2 | 6.7 | 0.4 | | | 6.6 | 0.5 | 24 | | | | 0.00 | 72 | 59 | 0 | |
| 07/27/11 | 6.8 | 0.1 | 6.7 | 0.2 | | | 6.6 | 0.5 | 24 | | | | 0.00 | 74 | 56 | 0 | |
| 07/28/11 | 6.8 | 0.3 | 6.7 | 0.3 | | | 6.6 | 0.4 | 24 | | | | 0.00 | 87 | 55 | 0 | |
| 07/29/11 | 6.8 | 0.3 | 6.6 | 0.5 | | | 6.6 | 0.5 | 24 | | | | 0.00 | 83 | 55 | 0 | |
| 07/30/11 | 6.8 | 0.2 | 6.7 | 0.5 | | | 6.6 | 0.5 | 24 | | | | 0.00 | 80 | 59 | 0 | |
| 07/31/11 | 6.8 | 0.3 | 6.7 | 0.5 | | | 6.6 | 0.4 | 24 | | | | 0.00 | 80 | 55 | 0 | |
| TOTAL | | | | | | | | | | | | | 0.72 | | | 247988 | |
| MIN | 6.7 | 0.1 | 6.6 | 0.1 | 0.0 | 0.0 | 6.2 | 0.4 | 20 | 0.78 | | | 0.00 | 65 | 46 | 0 | |
| AVG | 6.7 | 0.6 | 6.6 | 0.6 | ### | ### | 6.5 | 1.2 | 22 | 0.78 | | | 0.02 | 76 | 54 | 8000 | |
| MAX | 6.8 | 1.8 | 6.7 | 1.8 | 0.0 | 0.0 | 6.7 | 4.0 | 24 | 0.78 | | | 0.24 | 87 | 60 | 82666 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|---------|---------|-------------|---------|---------|----------------|---------------|---------|---------|----------------|---------|----------------|---------------|---------|-----|---------------|-------------|---------------|-----------------|----------|
| | INF MGD | BOD MGL | TSS MGL | TSS LIBRARY | EFF MGD | BOD MGL | % BOD REMOV ED | LBS BOD DISCH | LBS BOD | LBS BOD | TSS MGL | TSS MGL | % TSS REMOVE D | LBS TSS DISCH | LBS TSS | PH | FECAL #/100ml | FECAL GEN 7 | AMMONIA A MGL | AMMONIA LIBRARY | |
| 08/01/11 | 0.443 | | | | 0.430 | | | | | | | | | | 7.0 | | | | | | |
| 08/02/11 | 0.416 | 302 | 1047 | 265 | 0.405 | 3.6 | 98% | 12 | | 1.5 | | 98% | 5 | | 7.0 | 42 | | 0.03 | 0.10 | | |
| 08/03/11 | 0.416 | 207 | 718 | 185 | 0.406 | 2.5 | 99% | 8 | 10 | 1.0 | 1.8 | 98% | 3 | 6 | 7.0 | 37 | 40 | | | | |
| 08/04/11 | 0.440 | 189 | 694 | 190 | 0.430 | 2.7 | 95% | 10 | | 3.0 | | 98% | 11 | | 7.0 | | | | | | |
| 08/05/11 | 0.400 | | | | 0.393 | | | | | | | | | | 7.0 | | | | | | |
| 08/06/11 | 0.403 | | | | 0.393 | | | | | | | | | | 7.0 | | | | | | |
| 08/07/11 | 0.421 | | | | 0.389 | | | | | | | | | | 7.1 | | | | | | |
| 08/08/11 | 0.416 | | | | 0.400 | | | | | | | | | | 7.0 | | | | | | |
| 08/09/11 | 0.440 | 206 | 756 | 245 | 0.406 | 2.1 | 99% | 7 | | 1.0 | | 100% | 3 | | 7.0 | 47 | | 0.03 | 0.10 | | |
| 08/10/11 | 0.411 | 182 | 624 | 125 | 0.398 | 1.8 | 99% | 6 | 6 | 1.0 | 1.0 | 99% | 3 | 3 | 7.0 | 41 | 44 | | | | |
| 08/11/11 | 0.402 | 300 | 1006 | 560 | 0.391 | 1.7 | 99% | 6 | | 1.0 | | 100% | 3 | | 7.0 | | | | | | |
| 08/12/11 | 0.398 | | | | 0.392 | | | | | | | | | | 7.0 | | | | | | |
| 08/13/11 | 0.402 | | | | 0.381 | | | | | | | | | | 7.0 | | | | | | |
| 08/14/11 | 0.405 | | | | 0.380 | | | | | | | | | | 7.0 | | | | | | |
| 08/15/11 | 0.408 | | | | 0.389 | | | | | | | | | | 7.0 | | | | | | |
| 08/16/11 | 0.408 | 303 | 1031 | 245 | 0.395 | 1.6 | 99% | 5 | | 1.0 | | 100% | 3 | | 7.0 | 14 | | 0.03 | 0.10 | | |
| 08/17/11 | 0.398 | 189 | 629 | 165 | 0.393 | 1.8 | 99% | 6 | 5 | 1.0 | 1.0 | 99% | 3 | 3 | 7.0 | 28 | 21 | | | | |
| 08/18/11 | 0.419 | 171 | 598 | 440 | 0.402 | 1.6 | 99% | 5 | | 1.0 | | 100% | 3 | | 7.0 | | | | | | |
| 08/19/11 | 0.394 | | | | 0.382 | | | | | | | | | | 7.0 | | | | | | |
| 08/20/11 | 0.375 | | | | 0.366 | | | | | | | | | | 7.0 | | | | | | |
| 08/21/11 | 0.408 | | | | 0.385 | | | | | | | | | | 7.0 | | | | | | |
| 08/22/11 | 0.435 | | | | 0.410 | | | | | | | | | | 7.0 | | | | | | |
| 08/23/11 | 0.405 | 278 | 939 | 445 | 0.398 | 1.6 | 99% | 5 | | 1.0 | | 100% | 3 | | 6.9 | 33 | | 0.03 | 0.10 | | |
| 08/24/11 | 0.415 | 164 | 568 | 220 | 0.403 | 1.6 | 99% | 5 | 5 | 1.0 | 1.0 | 100% | 3 | 3 | 7.0 | 25 | 29 | | | | |
| 08/25/11 | 0.408 | 232 | 789 | 510 | 0.396 | 1.8 | 99% | 6 | | 1.0 | | 100% | 3 | | 6.9 | | | | | | |
| 08/26/11 | 0.380 | | | | 0.390 | | | | | | | | | | 6.9 | | | | | | |
| 08/27/11 | 0.371 | | | | 0.367 | | | | | | | | | | 7.0 | | | | | | |
| 08/28/11 | 0.398 | | | | 0.371 | | | | | | | | | | 7.0 | | | | | | |
| 08/29/11 | 0.403 | | | | 0.369 | | | | | | | | | | 7.0 | | | | | | |
| 08/30/11 | 0.399 | 205 | 682 | 370 | 0.382 | 1.7 | 99% | 5 | | 1.5 | | 100% | 5 | | 7.0 | 27 | | 0.04 | 0.13 | | |
| 08/31/11 | 0.414 | 208 | 722 | 280 | 0.394 | 1.8 | 99% | 5 | 6 | 1.0 | 1.3 | 100% | 4 | 4 | 7.0 | 35 | 31 | | | | |
| TOTAL | 12.689 | | | | 12.207 | | | 93 | | | | | 58 | | | | | | | 0.53 | |
| MIN | 0.371 | | | | | | | | | | | | | | 6.9 | | | | | | |
| AVG | 0.408 | 224 | 772 | 303 | 0.384 | 2.0 | 98% | 7 | | 1.2 | | 98% | 4 | | | 31 | | 0.03 | 0.10 | | |
| MAX | 0.443 | 303 | 1047 | 560 | 0.430 | 2.9 | | 10 | | 2 | | | 6 | 6 | 7.1 | 44 | | 0.04 | 0.13 | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| PERMIT | 2.0 MGD | 3107 | 3180 | 2.0 MGD | 30 | 30 | 98% | 466 | 700 | 30 | 30 | 98% | 476 | 700 | 7 | 200 | 400 | | | 368 | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA0020401 1

| DATE | SBR #1 | | | SBR #2 | | | SBR #3 | | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------------------|------|--------------|-----------|----------|----------|--------------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 08/01/11 | 6.8 | 0.3 | 6.7 | 0.5 | | | | | 6.6 | 0.4 | 20 | | 0.00 | 83 | 53 | 0 |
| 08/02/11 | 6.8 | 0.3 | 6.7 | 0.3 | | | | | 6.8 | 4.7 | 20 | | 0.00 | 79 | 57 | 0 |
| 08/03/11 | 6.7 | 0.8 | 6.7 | 0.4 | | | | | 6.8 | 3.8 | 21 | 0.22 | 0.00 | 83 | 53 | 0 |
| 08/04/11 | 6.8 | 0.2 | 6.7 | 0.5 | | | | | 6.5 | 2.8 | 21 | | 0.00 | 81 | 59 | 0 |
| 08/05/11 | 6.9 | 0.3 | 6.8 | 0.1 | | | | | 6.5 | 2.1 | 21 | | 0.00 | 75 | 61 | 0 |
| 08/06/11 | 6.9 | 0.8 | 7.1 | 1.2 | | | | | 6.3 | 1.2 | 22 | | 0.00 | 72 | 60 | 0 |
| 08/07/11 | 7.0 | 1.9 | 7.0 | 0.2 | | | | | 6.3 | 0.9 | 22 | | 0.00 | 75 | 59 | 0 |
| 08/08/11 | 6.9 | 0.2 | 6.9 | 0.7 | | | | | 6.4 | 0.7 | 22 | | 0.00 | 72 | 58 | 0 |
| 08/09/11 | 7.0 | 0.8 | 7.0 | 0.2 | | | | | 6.4 | 0.7 | 22 | | 0.00 | 67 | 54 | 0 |
| 08/10/11 | 6.9 | 0.3 | 6.9 | 0.1 | | | | | 6.5 | 0.5 | 22 | | 0.00 | 76 | 52 | 0 |
| 08/11/11 | 6.9 | 0.4 | 6.9 | 0.4 | | | | | 6.4 | 0.6 | 22 | | 0.00 | 76 | 51 | 0 |
| 08/12/11 | 6.9 | 2.1 | 6.9 | 1.2 | | | | | 6.4 | 0.5 | 22 | | 0.00 | 78 | 52 | 0 |
| 08/13/11 | 6.9 | 1.0 | 6.9 | 0.8 | | | | | 6.4 | 0.6 | 22 | | 0.00 | 70 | 57 | 0 |
| 08/14/11 | 6.9 | 1.4 | 6.9 | 1.0 | | | | | 6.4 | 0.5 | 22 | | 0.00 | 72 | 57 | 0 |
| 08/15/11 | 6.9 | 1.2 | 6.9 | 1.2 | | | | | 6.4 | 0.5 | 22 | | 0.00 | 78 | 55 | 0 |
| 08/16/11 | 6.9 | 1.9 | 6.9 | 0.3 | | | | | 6.5 | 0.6 | 23 | | 0.00 | 83 | 48 | 0 |
| 08/17/11 | 7.0 | 0.4 | 7.0 | 0.2 | | | | | 6.5 | 0.6 | 23 | | 0.00 | 79 | 49 | 0 |
| 08/18/11 | 6.9 | 2.5 | 7.0 | 0.2 | | | | | 6.5 | 0.6 | 23 | | 0.00 | 76 | 55 | 0 |
| 08/19/11 | 7.0 | 1.9 | 7.0 | 0.2 | | | | | 6.6 | 0.4 | 23 | | 0.00 | 82 | 55 | 0 |
| 08/20/11 | 7.0 | 0.8 | 7.0 | 0.3 | | | | | 6.6 | 0.5 | 23 | | 0.00 | 92 | 54 | 0 |
| 08/21/11 | 6.9 | 1.5 | 7.0 | 0.2 | | | | | 6.6 | 0.4 | 23 | | 0.00 | 87 | 57 | 0 |
| 08/22/11 | 7.0 | 1.3 | 7.0 | 1.0 | | | | | 6.6 | 0.5 | 24 | | 0.11 | 80 | 57 | 0 |
| 08/23/11 | 7.0 | 1.3 | 7.0 | 0.2 | | | | | 6.6 | 0.6 | 24 | | 0.00 | 83 | 65 | 0 |
| 08/24/11 | 7.0 | 1.3 | 7.0 | 1.0 | | | | | 6.6 | 0.7 | 24 | | 0.00 | 89 | 58 | 0 |
| 08/25/11 | 6.8 | 1.6 | 6.9 | 0.1 | | | | | 6.5 | 0.4 | 24 | | 0.00 | 86 | 65 | 0 |
| 08/26/11 | 6.9 | 0.5 | 6.8 | 0.7 | | | | | 6.6 | 0.5 | 24 | | 0.00 | 83 | 58 | 0 |
| 08/27/11 | 7.1 | 2.0 | 6.9 | 0.5 | | | | | 6.6 | 0.4 | 25 | | 0.00 | 85 | 60 | 0 |
| 08/28/11 | 6.9 | 0.3 | 7.0 | 0.3 | | | | | 6.7 | 0.6 | 24 | | 0.00 | 82 | 59 | 0 |
| 08/29/11 | 7.0 | 1.0 | 6.9 | 0.3 | | | | | 6.6 | 0.5 | 24 | | 0.00 | 72 | 61 | 0 |
| 08/30/11 | 7.0 | 1.0 | 7.0 | 0.1 | | | | | 6.6 | 0.5 | 24 | | 0.00 | 69 | 57 | 0 |
| 08/31/11 | 6.9 | 1.0 | 7.0 | 0.3 | | | | | 6.6 | 0.6 | 24 | | 0.01 | 68 | 51 | 0 |
| TOTAL | | | | | | | | | | | | | 0.12 | | | 0 |
| MIN | 6.7 | 0.2 | 6.7 | 0.1 | 0.0 | 0.0 | 6.3 | 0.4 | 20 | 0.22 | | | 0.00 | 67 | 48 | 0 |
| AVG | 6.9 | 1.0 | 6.9 | 0.5 | 6.6 | 6.6 | 6.5 | 0.9 | 23 | 0.22 | | | 0.00 | 78 | 58 | 0 |
| MAX | 7.1 | 2.5 | 7.1 | 1.2 | 0.0 | 0.0 | 6.7 | 4.7 | 25 | 0.22 | | | 0.11 | 92 | 65 | 0 |

CITY OF WOODLAND WWTPL MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|-------------|-------------|--------------------|--------------------|-------------|------------------|----------------------|----------------------|----------------------|----------------------|------------------|----------------------|----------------------|-----|------------------|------------------|-------------------|-------------------|--|----------|
| | INF MGD | BOD MG/L | TSS MG/L | TSS TSS MG/L | TSS TSS MG/L | BOD MG/L | % BOD REMOVED | LBS BOD DISCH. | LBS BOD DISCH. | LBS BOD DISCH. | TSS LBS DISCH. | % TSS REMOVED | LBS TSS DISCH. | TSS LBS DISCH. | PH | FECAL #/100ml | FECAL #/100ml | JANONIA A MAX. | AMMONIA LB/DAY | | |
| 09/01/11 | 0.416 | | | | | 0.401 | | | | | | | | 7.0 | | | | | | | |
| 09/02/11 | 0.388 | | | | | 0.393 | | | | | | | | 7.0 | | | | | | | |
| 09/03/11 | 0.360 | | | | | 0.343 | | | | | | | | 7.0 | | | | | | | |
| 09/04/11 | 0.358 | | | | | 0.343 | | | | | | | | 7.0 | | | | | | | |
| 09/05/11 | 0.431 | | | | | 0.385 | | | | | | | | 7.0 | | | | | | | |
| 09/06/11 | 0.416 | 178 | 200 | 694 | 0.400 | 1.3 | 99% | 4 | 1.0 | 1.0 | 100% | 3 | 7.0 | 32 | | | 0.03 | 0.10 | | | |
| 09/07/11 | 0.406 | 206 | 698 | 210 | 0.397 | 1.0 | 100% | 3 | 1.0 | 1.0 | 100% | 3 | 7.0 | 32 | | | | | | | |
| 09/08/11 | 0.486 | 225 | 912 | 260 | 0.478 | 1.1 | 100% | 4 | 1.0 | 1.0 | 100% | 4 | 7.0 | | | | | | | | |
| 09/09/11 | 0.380 | | | | 0.397 | | | | | | | | | 7.0 | | | | | | | |
| 09/10/11 | 0.394 | | | | 0.375 | | | | | | | | | 7.0 | | | | | | | |
| 09/11/11 | 0.411 | | | | 0.382 | | | | | | | | | 7.0 | | | | | | | |
| 09/12/11 | 0.434 | | | | 0.413 | | | | | | | | | 7.0 | | | | | | | |
| 09/13/11 | 0.418 | 204 | 711 | 280 | 0.404 | 3.2 | 98% | 11 | 1.0 | 1.0 | 100% | 3 | 7.0 | 13 | | | 0.03 | 0.10 | | | |
| 09/14/11 | 0.423 | 179 | 631 | 195 | 0.407 | 2.9 | 98% | 10 | 1.0 | 1.0 | 100% | 3 | 7.0 | 7 | | | | | | | |
| 09/15/11 | 0.422 | 206 | 725 | 220 | 0.402 | 1.9 | 99% | 6 | 1.0 | 1.0 | 100% | 3 | 7.0 | | | | | | | | |
| 09/16/11 | 0.413 | | | | 0.414 | | | | | | | | | 7.0 | | | | | | | |
| 09/17/11 | 0.422 | | | | 0.400 | | | | | | | | | 7.1 | | | | | | | |
| 09/18/11 | 0.460 | | | | 0.426 | | | | | | | | | 7.1 | | | | | | | |
| 09/19/11 | 0.434 | | | | 0.418 | | | | | | | | | 7.0 | | | | | | | |
| 09/20/11 | 0.428 | 162 | 578 | 230 | 0.398 | 1.0 | 99% | 3 | 1.0 | 1.0 | 100% | 3 | 7.1 | 5 | | | 0.04 | 0.13 | | | |
| 09/21/11 | 0.448 | 262 | 979 | 365 | 0.418 | 3.3 | 98% | 12 | 1.0 | 1.0 | 100% | 3 | 7.0 | 19 | | | | | | | |
| 09/22/11 | 0.439 | 256 | 937 | 545 | 0.413 | 4.9 | 98% | 17 | 1.0 | 1.0 | 100% | 3 | 7.0 | | | | | | | | |
| 09/23/11 | 0.394 | | | | 0.385 | | | | | | | | | 7.0 | | | | | | | |
| 09/24/11 | 0.420 | | | | 0.409 | | | | | | | | | 7.0 | | | | | | | |
| 09/25/11 | 0.422 | | | | 0.377 | | | | | | | | | 7.0 | | | | | | | |
| 09/26/11 | 0.485 | | | | 0.453 | | | | | | | | | 7.1 | | | | | | | |
| 09/27/11 | 0.442 | 312 | 1150 | 425 | 0.421 | 2.5 | 99% | 9 | 1.0 | 1.0 | 100% | 4 | 7.0 | 13 | | | 0.03 | 0.11 | | | |
| 09/28/11 | 0.441 | 301 | 1107 | 390 | 0.412 | 2.5 | 99% | 9 | 1.0 | 1.3 | 100% | 3 | 5 | 7.0 | 37 | | | | | | |
| 09/29/11 | 0.421 | 277 | 973 | 265 | 0.411 | 3.9 | 99% | 13 | 2.0 | 2.0 | 99% | 7 | 7.0 | | | | | | | | |
| 09/30/11 | 0.402 | | | | 0.402 | | | | | | | | | 7.0 | | | | | | | |
| TOTAL | 12.804 | | | | 12.087 | | | 102 | | | | 45 | | | | | | 0.44 | | | |
| MIN | 0.358 | | | | | | | | | | | | | 7.0 | | | | | | | |
| AVG | 0.420 | 231 | 636 | 289 | 0.403 | 2.6 | 99% | 8 | 1.1 | 1.3 | 100% | 4 | 5 | 7.1 | 16 | | 0.03 | 0.11 | | | |
| MAX | 0.488 | 312 | 1150 | 645 | 0.478 | 3.0 | | 11 | | | | | | 7.1 | 32 | | 0.04 | 0.13 | | | |
| AVG. | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 3107 | 3107 | 3160 | 3160 | 30 | 30 | 85% | 466 | 700 | 30 | 85% | 476 | 700 | 6 | 200 | 400 | 300 | 300 | 300 | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,250 NPDES WA0020401 RECEIVING WATERS N. FORK LEWIS RIVER

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | PH | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 09/01/11 | 7.0 | 1.8 | 7.0 | 0.2 | | | 6.6 | 0.5 | 25 | | 0.00 | 77 | 48 | 39000 |
| 09/02/11 | 7.0 | 1.4 | 7.0 | 0.3 | | | 6.7 | 0.8 | 25 | | 0.00 | 75 | 53 | 39000 |
| 09/03/11 | 7.0 | 0.4 | 6.9 | 0.7 | | | 6.7 | 0.7 | 25 | | 0.00 | 89 | 48 | 39000 |
| 09/04/11 | 7.0 | 0.3 | 7.0 | 0.6 | | | 6.7 | 0.7 | 25 | | 1.00 | 90 | 50 | 0 |
| 09/05/11 | 7.0 | 0.4 | 7.0 | 0.6 | | | 6.7 | 0.7 | 25 | | 0.00 | 84 | 52 | 39000 |
| 09/06/11 | 6.9 | 1.2 | 7.0 | 0.3 | | | 6.7 | 0.7 | 26 | | 0.00 | 89 | 51 | 39000 |
| 09/07/11 | 7.0 | 1.0 | 7.0 | 0.5 | | | 6.7 | 0.7 | 26 | | 0.00 | 90 | 53 | 39000 |
| 09/08/11 | 7.0 | 1.1 | 7.0 | 0.6 | | | 6.7 | 0.7 | 26 | | 0.00 | 86 | 59 | 0 |
| 09/09/11 | 7.0 | 1.2 | 7.0 | 0.4 | | | 6.7 | 0.7 | 26 | | 0.00 | 90 | 58 | 0 |
| 09/10/11 | 7.0 | 1.0 | 7.0 | 0.7 | | | 6.7 | 0.7 | 26 | | 0.00 | 91 | 56 | 0 |
| 09/11/11 | 7.0 | 0.8 | 7.0 | 0.5 | | | 6.7 | 0.7 | 26 | | 0.00 | 92 | 56 | 0 |
| 09/12/11 | 7.0 | 1.2 | 7.0 | 0.9 | | | 6.7 | 0.7 | 26 | | 0.00 | 74 | 55 | 0 |
| 09/13/11 | 7.0 | 1.2 | 6.9 | 1.6 | | | 6.7 | 0.6 | 26 | | 0.00 | 70 | 56 | 0 |
| 09/14/11 | 6.9 | 2.3 | 7.0 | 0.4 | | | 6.7 | 0.5 | 26 | | 0.00 | 67 | 58 | 0 |
| 09/15/11 | 7.0 | 0.6 | 7.0 | 0.4 | | | 6.7 | 0.5 | 26 | | 0.00 | 66 | 56 | 0 |
| 09/16/11 | 6.9 | 1.0 | 6.9 | 0.4 | | | 6.7 | 0.6 | 26 | | 0.02 | 69 | 52 | 0 |
| 09/17/11 | 7.0 | 1.6 | 6.8 | 0.6 | | | 6.8 | 0.9 | 25 | | 0.11 | 57 | 50 | 0 |
| 09/18/11 | 6.9 | 0.2 | 6.9 | 0.4 | | | 6.9 | 0.5 | 24 | | 0.20 | 64 | 56 | 0 |
| 09/19/11 | 7.0 | 1.5 | 6.9 | 0.3 | | | 6.8 | 0.7 | 25 | | 0.00 | 71 | 54 | 0 |
| 09/20/11 | 6.9 | 1.4 | 7.0 | 1.2 | | | 6.8 | 0.7 | 24 | 1.25 | 0.01 | 81 | 50 | 0 |
| 09/21/11 | 7.0 | 0.6 | 6.9 | 0.2 | | | 6.8 | 0.8 | 24 | | 0.00 | 83 | 58 | 0 |
| 09/22/11 | 7.0 | 0.5 | 6.8 | 1.4 | | | 6.8 | 0.7 | 24 | | 0.00 | 80 | 55 | 0 |
| 09/23/11 | 7.0 | 0.6 | 6.8 | 1.0 | | | 6.8 | 0.7 | 24 | | 0.00 | 85 | 58 | 0 |
| 09/24/11 | 7.0 | 1.7 | 6.9 | 0.6 | | | 6.8 | 0.5 | 24 | | 0.00 | 79 | 56 | 0 |
| 09/25/11 | 7.0 | 1.2 | 7.0 | 0.2 | | | 6.9 | 0.6 | 24 | | 0.09 | 67 | 56 | 0 |
| 09/26/11 | 7.0 | 0.4 | 6.9 | 0.2 | | | 6.9 | 0.5 | 25 | | 0.15 | 70 | 54 | 0 |
| 09/27/11 | 7.0 | 0.6 | 7.0 | 0.3 | | | 6.9 | 0.6 | 25 | | 0.15 | 65 | 49 | 0 |
| 09/28/11 | 7.0 | 0.6 | 7.0 | 0.3 | | | 6.9 | 0.5 | 25 | | 0.01 | 74 | 48 | 0 |
| 09/29/11 | 6.9 | 1.7 | 6.9 | 0.8 | | | 6.9 | 0.7 | 25 | | 0.00 | 81 | 47 | 0 |
| 09/30/11 | 7.0 | 1.0 | 7.0 | 0.6 | | | 6.9 | 0.7 | 25 | | 0.00 | 70 | 47 | 0 |
| TOTAL | | | | | | | | | | | 2 | | | 234000 |
| MIN | 6.9 | 0.2 | 6.8 | 0.2 | 0.0 | 0.0 | 6.6 | 0.5 | 24 | 1.25 | 0.00 | 57 | 46 | 0 |
| AVG | 7.0 | 1.0 | 7.0 | 0.6 | ### | ### | 6.8 | 0.7 | 26 | 1.26 | 0.06 | 78 | 53 | 7600 |
| MAX | 7.0 | 2.3 | 7.0 | 1.6 | 0.0 | 0.0 | 6.9 | 0.9 | 26 | 1.25 | 1.00 | 92 | 59 | 39000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|-------------|-------------|-------------|------------|-------------|------------------|---------------------|-------------------|-------------|----------------|------------------|---------------------|-------------------|-----|-------------------|----------------|-----------------|-----------------|--|----------|
| | INF MGD | BOD MG/L | TSS MG/L | TSS MG/L | EFF MGD | BOD MG/L | % BOD REMOVED | LBS BOD DISCH | LBS BOD AVG | TSS MG/L | TSS MG/L | % TSS REMOVED | LBS TSS DISCH | LBS TSS AVG | PH | FECAL COLIFORM | FECAL GEN 7 | AMMONIA NITR | AMMONIA NITR | | |
| 10/01/11 | 0.407 | | | | 0.385 | | | | | | | | | 7.0 | | | | | | | |
| 10/02/11 | 0.438 | | | | 0.404 | | | | | | | | | 7.0 | | | | | | | |
| 10/03/11 | 0.471 | | | | 0.448 | | | | | | | | | 7.0 | | | | | | | |
| 10/04/11 | 0.484 | 203 | 819 | 260 | 1050 | 99% | 6 | 6 | 1.0 | 1.0 | 100% | 4 | 4 | 6.8 | 41 | 0.03 | 0.12 | | | | |
| 10/05/11 | 0.483 | 245 | 987 | 275 | 1108 | 99% | 8 | 7 | 1.0 | 3.0 | 100% | 4 | 11 | 7.0 | 36 | 39 | | | | | |
| 10/06/11 | 0.449 | 200 | 749 | 190 | 711 | 99% | 7 | 7 | 7.0 | 7.0 | 98% | 26 | 26 | 7.0 | | | | | | | |
| 10/07/11 | 0.471 | | | | 0.455 | | | | | | | | | 7.0 | | | | | | | |
| 10/08/11 | 0.321 | | | | 0.342 | | | | | | | | | 7.1 | | | | | | | |
| 10/09/11 | 0.402 | | | | 0.343 | | | | | | | | | 7.0 | | | | | | | |
| 10/10/11 | 0.500 | | | | 0.464 | | | | | | | | | 7.0 | | | | | | | |
| 10/11/11 | 0.456 | 287 | 1081 | 365 | 1388 | 99% | 8 | 8 | 2.0 | 2.0 | 99% | 7 | 7 | 6.9 | 39 | 0.03 | 0.11 | | | | |
| 10/12/11 | 0.462 | 293 | 1129 | 290 | 1117 | 99% | 8 | 7 | 1.5 | 1.5 | 99% | 5 | 5 | 7.1 | 41 | 40 | | | | | |
| 10/13/11 | 0.444 | 339 | 1255 | 390 | 1444 | 100% | 5 | 5 | 1.0 | 1.0 | 100% | 4 | 4 | 7.0 | | | | | | | |
| 10/14/11 | 0.431 | | | | 0.431 | | | | | | | | | 7.1 | | | | | | | |
| 10/15/11 | 0.426 | | | | 0.410 | | | | | | | | | 7.0 | | | | | | | |
| 10/16/11 | 0.440 | | | | 0.396 | | | | | | | | | 7.0 | | | | | | | |
| 10/17/11 | 0.463 | | | | 0.437 | | | | | | | | | 7.0 | | | | | | | |
| 10/18/11 | 0.455 | 268 | 1021 | 315 | 1195 | 99% | 7 | 7 | 1.0 | 1.0 | 100% | 3 | 3 | 7.0 | 28 | 0.03 | 0.10 | | | | |
| 10/19/11 | 0.448 | 311 | 1162 | 375 | 1401 | 99% | 6 | 6 | 2.0 | 1.5 | 99% | 7 | 5 | 7.0 | 49 | 39 | | | | | |
| 10/20/11 | 0.441 | 253 | 931 | 415 | 1528 | 99% | 7 | 7 | 1.5 | 1.5 | 100% | 5 | 5 | 7.1 | | | | | | | |
| 10/21/11 | 0.424 | | | | 0.421 | | | | | | | | | 7.0 | | | | | | | |
| 10/22/11 | 0.419 | | | | 0.397 | | | | | | | | | 7.0 | | | | | | | |
| 10/23/11 | 0.428 | | | | 0.381 | | | | | | | | | 7.0 | | | | | | | |
| 10/24/11 | 0.463 | | | | 0.427 | | | | | | | | | 7.0 | | | | | | | |
| 10/25/11 | 0.441 | 265 | 975 | 315 | 1159 | 99% | 7 | 7 | 1.0 | 1.0 | 100% | 3 | 3 | 7.0 | 39 | 0.03 | 0.10 | | | | |
| 10/26/11 | 0.439 | 267 | 978 | 285 | 1043 | 98% | 5 | 6 | 1.0 | 1.3 | 100% | 3 | 4 | 7.1 | 25 | 32 | | | | | |
| 10/27/11 | 0.433 | 290 | 1047 | 300 | 1083 | 99% | 6 | 6 | 2.0 | 2.0 | 99% | 7 | 7 | 7.0 | | | | | | | |
| 10/28/11 | 0.440 | | | | 0.435 | | | | | | | | | 7.0 | | | | | | | |
| 10/29/11 | 0.424 | | | | 0.400 | | | | | | | | | 7.0 | | | | | | | |
| 10/30/11 | 0.435 | | | | 0.392 | | | | | | | | | 7.0 | | | | | | | |
| 10/31/11 | 0.488 | | | | 0.435 | | | | | | | | | 7.0 | | | | | | | |
| TOTAL | 13.706 | | | | 12.974 | | 81 | | | | | 79 | | 7.0 | | | | | 0.44 | | |
| MIN | 0.321 | | | | | | | | | | | | | 6.9 | | | | | | | |
| AVG | 0.442 | 269 | 1012 | 315 | 1188 | 99% | 7 | 7 | 1.8 | 1.8 | 99% | 7 | 11 | 7.1 | 37 | 0.03 | 0.11 | | | | |
| MAX | 0.500 | 339 | 1266 | 415 | 1528 | 1.9 | | | | | | | | 7.1 | 40 | 0.03 | 0.12 | | | | |
| PERMIT | 24 mgd | | | | 3107 | 3160 | 486 lbs | 700 lbs | 30 mg/l | 3.0 | 95% | 475 lbs | 700 lbs | 6 | 200 | 400 | | | 358 lbs | | |
| AVG | | | | | | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | | |
| LIMITS | | | | | | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | | |

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

[Signature]
Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-6,250 NPDES WA0020401 RECEIVING WATERS N. FORK LEWIS RIVER

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 10/01/11 | 7.0 | 0.8 | 7.0 | 0.3 | | | 6.9 | 0.5 | 25 | | 0.00 | 63 | 54 | 0 |
| 10/02/11 | 7.0 | 1.0 | 7.0 | 0.8 | | | 6.9 | 0.5 | 25 | | 0.06 | 65 | 54 | 0 |
| 10/03/11 | 7.0 | 0.5 | 7.0 | 0.4 | | | 6.8 | 0.9 | 25 | | 0.18 | 62 | 54 | 0 |
| 10/04/11 | 6.9 | 0.9 | 7.1 | 0.6 | | | 6.9 | 0.9 | 25 | | 0.45 | 64 | 52 | 0 |
| 10/05/11 | 7.0 | 0.8 | 7.0 | 0.4 | | | 6.9 | 0.7 | 24 | | 0.42 | 55 | 49 | 0 |
| 10/06/11 | 7.0 | 0.8 | 7.0 | 0.2 | | | 6.8 | 0.6 | 24 | | 0.06 | 56 | 50 | 0 |
| 10/07/11 | 7.0 | 0.9 | 7.0 | 0.3 | | | 6.8 | 0.6 | 24 | | 0.04 | 57 | 51 | 0 |
| 10/08/11 | 6.9 | 1.3 | 6.8 | 0.7 | | | 6.9 | 0.4 | 24 | | 0.01 | 68 | 55 | 0 |
| 10/09/11 | 6.8 | 0.9 | 6.8 | 1.5 | | | 6.9 | 0.5 | 24 | | 0.00 | 59 | 54 | 0 |
| 10/10/11 | 7.0 | 2.2 | 6.9 | 0.2 | | | 6.9 | 0.6 | 24 | | 0.24 | 63 | 52 | 0 |
| 10/11/11 | 6.6 | 2.6 | 6.9 | 0.3 | | | 6.9 | 0.4 | 24 | | 0.23 | 64 | 52 | 0 |
| 10/12/11 | 7.0 | 0.7 | 7.0 | 0.2 | | | 6.9 | 0.5 | 24 | | 0.01 | 62 | 51 | 0 |
| 10/13/11 | 6.8 | 1.7 | 6.9 | 0.8 | | | 7.0 | 0.4 | 24 | | 0.00 | 57 | 49 | 0 |
| 10/14/11 | 6.9 | 2.0 | 7.0 | 0.4 | | | 7.0 | 0.5 | 24 | | 0.03 | 61 | 51 | 0 |
| 10/15/11 | 6.9 | 0.2 | 6.9 | 0.7 | | | 6.9 | 0.4 | 24 | | 0.00 | 59 | 50 | 0 |
| 10/16/11 | 7.0 | 0.3 | 7.0 | 0.8 | | | 6.9 | 0.5 | 24 | | 0.00 | 61 | 45 | 0 |
| 10/17/11 | 6.8 | 2.5 | 7.1 | 0.5 | | | 7.0 | 0.6 | 24 | | 0.01 | 63 | 41 | 0 |
| 10/18/11 | 6.9 | 1.3 | 7.0 | 0.3 | | | 6.9 | 0.5 | 24 | 1.69 | 0.00 | 76 | 46 | 0 |
| 10/19/11 | 6.9 | 2.3 | 7.0 | 0.3 | | | 6.9 | 0.7 | 24 | | 0.00 | 60 | 47 | 0 |
| 10/20/11 | 7.0 | 1.3 | 6.9 | 0.2 | | | 6.9 | 0.4 | 24 | | 0.03 | 61 | 50 | 0 |
| 10/21/11 | 7.0 | 1.0 | 7.0 | 0.6 | | | 6.8 | 0.5 | 24 | | 0.01 | 59 | 53 | 0 |
| 10/22/11 | 7.0 | 1.1 | 7.0 | 0.4 | | | 6.8 | 0.5 | 24 | | 0.01 | 64 | 56 | 0 |
| 10/23/11 | 7.0 | 1.0 | 7.0 | 0.7 | | | 6.8 | 0.5 | 24 | | 0.01 | 61 | 49 | 0 |
| 10/24/11 | 7.0 | 1.3 | 6.9 | 0.3 | | | 6.9 | 0.4 | 24 | | 0.00 | 59 | 42 | 0 |
| 10/25/11 | 6.9 | 1.7 | 7.0 | 0.2 | | | 6.9 | 0.5 | 24 | | 0.01 | 58 | 37 | 0 |
| 10/26/11 | 6.9 | 2.8 | 6.9 | 1.0 | | | 6.9 | 0.6 | 23 | | 0.01 | 51 | 35 | 0 |
| 10/27/11 | 7.0 | 1.4 | 7.0 | 0.4 | | | 6.9 | 0.7 | 24 | 1.77 | 0.01 | 57 | 37 | 0 |
| 10/28/11 | 7.0 | 1.8 | 6.9 | 0.9 | | | 6.5 | 5.5 | 19 | | 0.29 | 55 | 42 | 0 |
| 10/29/11 | 6.9 | 0.4 | 6.8 | 0.6 | | | 6.7 | 5.6 | 19 | | 0.00 | 61 | 44 | 0 |
| 10/30/11 | 6.9 | 1.7 | 6.8 | 0.5 | | | 6.5 | 4.0 | 20 | | 0.10 | 58 | 51 | 0 |
| 10/31/11 | 7.0 | 0.7 | 6.9 | 0.5 | | | 6.5 | 3.3 | 19 | | 0.01 | 56 | 40 | 0 |
| TOTAL | | | | | | | | | | | 2 | | | 0 |
| MIN | 6.8 | 0.2 | 6.8 | 0.2 | 0.0 | 0.0 | 6.5 | 0.4 | 19 | 1.69 | 0.00 | 61 | 36 | 0 |
| AVG | 6.9 | 1.3 | 7.0 | 0.5 | ### | ### | 6.8 | 1.1 | 23 | 1.73 | 0.07 | 60 | 48 | 0 |
| MAX | 7.0 | 2.8 | 7.1 | 1.5 | 0.0 | 0.0 | 7.0 | 5.5 | 25 | 1.77 | 0.45 | 76 | 56 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | |
|----------|----------------|----------------|------------|----------------|------------|------------|--------------|------------|------------|----------------|----------------|--------------|------------|----------------|-----------|--------------|------------|----------------|-----------|---------------|----------|--------------|------------------|----------------|
| | BOD MGL | BOD LIBRARY | TSS MGL | TSS LIBRARY | EFF MGL | BOD MGL | % REMOVED | BOD MGL | BOO MGL | BOO LIBRARY | US MGL | % REMOVED | TSS MGL | TSS LIBRARY | US MGL | % REMOVED | TSS MGL | TSS LIBRARY | US MGL | US LIBRARY | | FECAL MGL | FECAL LIBRARY | AMMONIA MGL |
| 11/01/11 | 0.477 | 306 | 1217 | 275 | 1094 | 0.451 | 1.7 | 99% | 6 | 1.0 | 100% | 4 | 6 | 7.0 | 13 | 7.0 | 13 | 0.03 | 0.11 | | | | | |
| 11/02/11 | 0.503 | 297 | 1246 | 255 | 1070 | 0.463 | 2.1 | 99% | 8 | 7 | 2.0 | 1.7 | 8 | 6 | 7.0 | 21 | 17 | | | | | | | |
| 11/03/11 | 0.474 | 282 | 1115 | 345 | 1364 | 0.438 | 2.0 | 99% | 7 | 2.0 | 99% | 7 | | 7.1 | | | | | | | | | | |
| 11/04/11 | 0.435 | | | | | 0.425 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/05/11 | 0.460 | | | | | 0.419 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/06/11 | 0.468 | | | | | 0.385 | | | | | | | | 7.1 | | | | | | | | | | |
| 11/07/11 | 0.468 | | | | | 0.428 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/08/11 | 0.434 | 347 | 1256 | 290 | 1050 | 0.401 | 2.1 | 99% | 7 | 1.0 | 100% | 3 | 5 | 7.0 | 24 | 0.03 | 0.10 | | | | | | | |
| 11/09/11 | 0.448 | 321 | 1199 | 360 | 1345 | 0.420 | 2.1 | 2.2 | 99% | 7 | 2.5 | 1.5 | 9 | 7.0 | 31 | 28 | | | | | | | | |
| 11/10/11 | 0.425 | 290 | 1028 | 385 | 1365 | 0.403 | 2.5 | 99% | 8 | 1.0 | 100% | 3 | 6.9 | 7.0 | | | | | | | | | | |
| 11/11/11 | 0.455 | | | | | 0.421 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/12/11 | 0.450 | | | | | 0.420 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/13/11 | 0.466 | | | | | 0.432 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/14/11 | 0.474 | | | | | 0.442 | | | | | | | | 6.9 | | | | | | | | | | |
| 11/15/11 | 0.447 | 324 | 1208 | 315 | 1174 | 0.417 | 2.3 | 99% | 8 | 2.5 | 99% | 9 | 11 | 7.0 | 33 | 0.03 | 0.10 | | | | | | | |
| 11/16/11 | 0.468 | 229 | 951 | 310 | 1288 | 0.464 | 2.0 | 2.1 | 99% | 8 | 4.0 | 2.8 | 15 | 7.0 | 33 | 33 | | | | | | | | |
| 11/17/11 | 0.525 | 220 | 963 | 285 | 1248 | 0.481 | 2.0 | 99% | 8 | 2.0 | 99% | 8 | | 7.0 | | | | | | | | | | |
| 11/18/11 | 0.492 | | | | | 0.457 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/19/11 | 0.476 | | | | | 0.442 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/20/11 | 0.439 | | | | | 0.404 | | | | | | | | 6.9 | | | | | | | | | | |
| 11/21/11 | 0.535 | | | | | 0.501 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/22/11 | 0.692 | 275 | 1587 | 375 | 2164 | 0.662 | 2.6 | 99% | 14 | 2.5 | 99% | 14 | 13 | 7.0 | 44 | 0.03 | 0.17 | | | | | | | |
| 11/23/11 | 0.579 | 331 | 1598 | 490 | 2173 | 0.545 | 2.7 | 2.4 | 99% | 12 | 2.5 | 3.0 | 11 | 6.8 | 33 | 39 | | | | | | | | |
| 11/24/11 | 0.499 | 277 | 1153 | 315 | 1311 | 0.464 | 2.1 | 99% | 8 | 4.0 | 99% | 15 | | 7.0 | | | | | | | | | | |
| 11/25/11 | 0.470 | | | | | 0.438 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/26/11 | 0.459 | | | | | 0.426 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/27/11 | 0.432 | | | | | 0.400 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/28/11 | 0.501 | | | | | 0.488 | | | | | | | | 7.0 | | | | | | | | | | |
| 11/29/11 | 0.489 | 158 | 644 | 255 | 1040 | 0.457 | 2.1 | 99% | 8 | 1.5 | 99% | 6 | 6 | 6.8 | 44 | 42 | | | | | | | | |
| 11/30/11 | 0.477 | 188 | 748 | 315 | 1263 | 0.442 | 1.7 | 1.9 | 99% | 6 | 4.5 | 3.0 | 17 | 12 | 7.0 | | | | | | | | | |
| TOTAL | 14.457 | | | | | 13.426 | | | 118 | | | | 130 | | | | | | | | | | | 0.64 |
| MIN | 0.425 | | | | | 0.448 | 2.1 | 99% | 8 | 2.4 | 99% | 9 | 13 | 6.9 | 30 | 0.03 | 0.13 | | | | | | | |
| AVG | 0.480 | 275 | 1137 | 324 | 1353 | 0.448 | 2.1 | 2.4 | 99% | 11 | 3.0 | 3.0 | 13 | 7.1 | 42 | 0.04 | 0.17 | | | | | | | |
| MAX | 0.692 | 347 | 1698 | 450 | 2173 | 0.662 | 2.7 | 2.4 | 99% | 14 | 4.0 | 3.0 | 15 | 7.0 | 44 | 0.04 | 0.17 | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 28000 | | | | | 3100 | 30 | 85% | 400 | 700 | 30 | 475 | 700 | 6 | 200 | 400 | 396 | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT
Signature

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBICS) | | | WEATHER | | SLUDGE | | |
|----------|--------|-----|--------|-----|--------|-----|---------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 11/01/11 | 6.9 | 1.1 | 7.0 | 0.3 | | | 6.6 | 2.8 | 19 | | 0.00 | 52 | 35 | 0 |
| 11/02/11 | 7.0 | 0.3 | 7.0 | 0.2 | | | 6.6 | 2.4 | 19 | | 0.01 | 59 | 32 | 0 |
| 11/03/11 | 6.9 | 2.3 | 6.9 | 0.6 | | | 6.6 | 1.7 | 19 | | 0.00 | 50 | 38 | 0 |
| 11/04/11 | 7.0 | 0.8 | 7.0 | 0.6 | | | 6.7 | 0.9 | 19 | | 0.00 | 47 | 35 | 0 |
| 11/05/11 | 7.0 | 1.6 | 7.0 | 0.5 | | | 6.7 | 0.7 | 19 | | 0.00 | 47 | 39 | 0 |
| 11/06/11 | 7.0 | 1.8 | 7.0 | 1.1 | | | 6.8 | 0.7 | 19 | | 0.01 | 52 | 32 | 0 |
| 11/07/11 | 7.0 | 1.8 | 6.9 | 0.3 | | | 6.8 | 0.5 | 20 | | 0.03 | 52 | 45 | 0 |
| 11/08/11 | 7.0 | 0.6 | 7.0 | 0.2 | | | 6.8 | 0.6 | 20 | | 0.01 | 55 | 45 | 0 |
| 11/09/11 | 7.0 | 0.8 | 7.0 | 0.4 | | | 6.8 | 0.5 | 20 | | 0.00 | 57 | 44 | 0 |
| 11/10/11 | 6.8 | 0.7 | 6.9 | 0.4 | | | 6.8 | 0.6 | 20 | | 0.00 | 56 | 37 | 0 |
| 11/11/11 | 6.9 | 1.8 | 6.9 | 0.9 | | | 6.8 | 0.5 | 20 | | 0.27 | 45 | 34 | 0 |
| 11/12/11 | 7.0 | 1.7 | 6.9 | 0.7 | | | 6.8 | 0.6 | 20 | | 0.28 | 48 | 39 | 0 |
| 11/13/11 | 7.0 | 1.9 | 7.0 | 1.2 | | | 6.8 | 0.7 | 20 | | 0.12 | 52 | 46 | 0 |
| 11/14/11 | 7.0 | 0.5 | 7.0 | 0.2 | | | 6.8 | 0.5 | 20 | | 0.09 | 49 | 37 | 0 |
| 11/15/11 | 7.0 | 0.3 | 7.0 | 0.4 | | | 6.9 | 0.5 | 20 | | 0.00 | 45 | 36 | 0 |
| 11/16/11 | 6.9 | 1.3 | 7.0 | 0.2 | | | 6.8 | 0.7 | 20 | | 0.35 | 53 | 35 | 0 |
| 11/17/11 | 7.0 | 1.0 | 7.0 | 0.3 | | | 6.8 | 0.6 | 20 | | 0.51 | 52 | 38 | 0 |
| 11/18/11 | 7.0 | 1.1 | 7.0 | 0.4 | | | 6.8 | 0.5 | 20 | | 0.20 | 44 | 36 | 0 |
| 11/19/11 | 7.0 | 2.5 | 6.9 | 0.7 | | | 6.7 | 0.8 | 19 | | 0.07 | 44 | 31 | 0 |
| 11/20/11 | 6.7 | 1.3 | 6.9 | 0.8 | | | 6.8 | 0.6 | 19 | | 0.00 | 43 | 30 | 0 |
| 11/21/11 | 7.0 | 1.4 | 6.9 | 0.9 | | | 6.7 | 0.5 | 19 | | 0.62 | 50 | 36 | 0 |
| 11/22/11 | 6.9 | 2.6 | 7.0 | 0.5 | | | 6.7 | 0.6 | 19 | | 1.85 | 57 | 49 | 0 |
| 11/23/11 | 6.9 | 2.5 | 6.9 | 0.3 | | | 6.7 | 0.5 | 19 | | 0.51 | 58 | 42 | 0 |
| 11/24/11 | 7.0 | 0.8 | 7.0 | 0.6 | | | 6.7 | 0.5 | 19 | | 0.49 | 46 | 42 | 0 |
| 11/25/11 | 7.0 | 0.4 | 7.0 | 0.7 | | | 6.6 | 0.6 | 19 | | 0.05 | 50 | 37 | 0 |
| 11/26/11 | 7.0 | 0.6 | 7.0 | 0.6 | | | 6.7 | 0.6 | 19 | | 0.00 | 52 | 44 | 0 |
| 11/27/11 | 6.9 | 0.5 | 7.0 | 0.7 | | | 6.7 | 0.6 | 19 | | 0.40 | 45 | 41 | 0 |
| 11/28/11 | 7.0 | 0.8 | 7.0 | 0.6 | | | 6.7 | 0.6 | 19 | | 0.00 | 48 | 35 | 0 |
| 11/29/11 | 7.0 | 1.6 | 6.9 | 0.5 | | | 6.7 | 0.5 | 19 | | 0.09 | 44 | 37 | 0 |
| 11/30/11 | 6.9 | 2.1 | 6.9 | 0.6 | | | 6.6 | 0.6 | 20 | | 0.02 | 49 | 33 | 0 |
| TOTAL | | | | | | | | | | | | | | |
| MIN | 6.7 | 0.3 | 6.9 | 0.2 | 0.0 | 0.0 | 6.6 | 0.5 | 19 | 0.00 | 6.88 | | | 0 |
| AVG | 7.0 | 1.3 | 7.0 | 0.5 | 0.0 | 0.0 | 6.7 | 0.8 | 19 | 0.00 | 0.20 | 50 | 38 | 0 |
| MAX | 7.0 | 2.6 | 7.0 | 1.2 | 0.0 | 0.0 | 6.9 | 2.8 | 20 | 0.00 | 1.85 | 59 | 49 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | |
|----------|----------------|-------------|-------------|-------------|-------------|------------|-------------|--------------|----------------------|-------------------|----------------|-------------|-------------|--------------|----------------------|-------------------|------|------------------|----------------|------------------|----------|--------------------|
| | INF MGD | BOD MG/L | TSS MG/L | TSS MG/L | TSS MG/L | EFF MGD | BOD MG/L | % REMOVED | LBS BOD DISCH. | LBS BOD AVG | TSS MG/L | TSS MG/L | TSS MG/L | % REMOVED | LBS TSS DISCH. | LBS TSS AVG | PH | FECAL #/100ML | FECAL GEN/L | JANUARY A.MWL | | JANUARY U.S.DAY |
| 12/01/11 | 0.473 | | | | | 0.438 | | | | | | | | | | 7.0 | | | | | | |
| 12/02/11 | 0.452 | | | | | 0.420 | | | | | | | | | | 7.0 | | | | | | |
| 12/03/11 | 0.445 | | | | | 0.415 | | | | | | | | | | 7.0 | | | | | | |
| 12/04/11 | 0.422 | | | | | 0.390 | | | | | | | | | | 7.0 | | | | | | |
| 12/05/11 | 0.470 | | | | | 0.445 | | | | | | | | | | 7.0 | | | | | | |
| 12/06/11 | 0.465 | 251 | 973 | 325 | 1260 | 0.435 | 2.8 | 98% | 10 | 1.0 | 100% | 4 | 7.0 | 35 | 7.0 | 7.0 | 35 | 0.03 | 0.11 | | | |
| 12/07/11 | 0.465 | 194 | 785 | 265 | 1072 | 0.480 | 3.5 | 98% | 14 | 1.5 | 99% | 6 | 7.0 | 43 | 7.0 | 7.0 | 43 | 39 | | | | |
| 12/08/11 | 0.450 | 214 | 803 | 395 | 1482 | 0.434 | 2.4 | 99% | 9 | 4.0 | 99% | 14 | 6.9 | | 6.9 | 6.9 | | | | | | |
| 12/09/11 | 0.423 | | | | | 0.427 | | | | | | | | | | 6.9 | | | | | | |
| 12/10/11 | 0.417 | | | | | 0.383 | | | | | | | | | | 6.8 | | | | | | |
| 12/11/11 | 0.434 | | | | | 0.383 | | | | | | | | | | 6.8 | | | | | | |
| 12/12/11 | 0.534 | | | | | 0.477 | | | | | | | | | | 7.0 | | | | | | |
| 12/13/11 | 0.438 | 294 | 1074 | 420 | 1534 | 0.428 | 2.2 | 99% | 8 | 3.5 | 99% | 12 | 6.9 | 39 | 6.9 | 6.9 | 39 | 0.03 | 0.11 | | | |
| 12/14/11 | 0.450 | 330 | 1236 | 315 | 1182 | 0.415 | 1.7 | 99% | 6 | 2.0 | 99% | 7 | 6.9 | 62 | 6.9 | 6.9 | 62 | 51 | | | | |
| 12/15/11 | 0.445 | 208 | 772 | 410 | 1522 | 0.413 | 1.6 | 99% | 6 | 1.5 | 100% | 5 | 6.9 | | 6.9 | 6.9 | | | | | | |
| 12/16/11 | 0.460 | | | | | 0.443 | | | | | | | | | | 7.0 | | | | | | |
| 12/17/11 | 0.458 | | | | | 0.440 | | | | | | | | | | 7.0 | | | | | | |
| 12/18/11 | 0.457 | | | | | 0.403 | | | | | | | | | | 7.0 | | | | | | |
| 12/19/11 | 0.480 | | | | | 0.452 | | | | | | | | | | 7.0 | | | | | | |
| 12/20/11 | 0.495 | 162 | 668 | 360 | 1486 | 0.472 | 4.0 | 98% | 16 | 7.0 | 98% | 26 | 6.9 | 62 | 6.9 | 6.9 | 62 | 0.03 | 0.12 | | | |
| 12/21/11 | 0.469 | 260 | 1017 | 420 | 1643 | 0.423 | 2.9 | 99% | 10 | 5.0 | 99% | 18 | 7.0 | 54 | 7.0 | 7.0 | 54 | 58 | | | | |
| 12/22/11 | 0.488 | 239 | 973 | 350 | 1424 | 0.442 | 2.4 | 99% | 9 | 2.5 | 99% | 9 | 7.0 | | 6.9 | 6.9 | | | | | | |
| 12/23/11 | 0.473 | | | | | 0.448 | | | | | | | | | | 7.0 | | | | | | |
| 12/24/11 | 0.392 | | | | | 0.397 | | | | | | | | | | 7.0 | | | | | | |
| 12/25/11 | 0.366 | | | | | 0.346 | | | | | | | | | | 7.0 | | | | | | |
| 12/26/11 | 0.483 | | | | | 0.437 | | | | | | | | | | 7.0 | | | | | | |
| 12/27/11 | 0.503 | 177 | 743 | 330 | 1384 | 0.467 | 2.2 | 99% | 9 | 4.0 | 99% | 16 | 6.9 | 58 | 6.9 | 6.9 | 58 | 0.03 | 0.12 | | | |
| 12/28/11 | 0.573 | 203 | 869 | 315 | 1348 | 0.487 | 2.8 | 99% | 11 | 1.0 | 100% | 4 | 20 | 35 | 47 | 47 | 47 | 68 | 0.03 | 0.12 | | |
| 12/29/11 | 0.537 | 157 | 703 | 360 | 1612 | 0.485 | 2.8 | 98% | 11 | 5.0 | 99% | 20 | 7.0 | | 6.9 | 6.9 | 35 | 47 | | | | |
| 12/30/11 | 0.503 | | | | | 0.501 | | | | | | | | | | 6.9 | | | | | | |
| 12/31/11 | 0.474 | | | | | 0.443 | | | | | | | | | | 6.8 | | | | | | |
| TOTAL | 14.366 | | | | | 13.478 | | | 116 | | | 143 | | | | | | | | | 0.45 | |
| MIN | 0.366 | | | | | | | | | | | | | | | 6.8 | | | | | | |
| AVG | 0.463 | 224 | 885 | 355 | 1413 | 0.436 | 2.6 | 99% | 10 | 3.2 | 99% | 12 | 20 | 47 | 20 | 7.0 | 47 | 68 | 0.03 | 0.11 | | |
| MAX | 0.637 | 330 | 1238 | 420 | 1843 | 0.601 | 3.1 | | 12 | 4.8 | | | 20 | 7.0 | 7.0 | 7.0 | 68 | 0.03 | 0.12 | | | |
| AVG. | | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. | AVG. |
| PERMIT | 2.0 MGD | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 | 3167 |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK BORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,260 NPDES WA0020401 RECEIVING WATERS N. FORK LEWIS RIVER

| DATE | SSR #1 | | SSR #2 | | SSR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 12/01/11 | 7.0 | 1.7 | 7.0 | 0.4 | | | 6.6 | 0.5 | 20 | | 0.01 | 48 | 31 | 58500 | |
| 12/02/11 | 7.0 | 1.5 | 7.0 | 0.5 | | | 6.6 | 0.5 | 20 | | 0.00 | 49 | 32 | 58500 | |
| 12/03/11 | 7.0 | 1.8 | 7.0 | 0.7 | | | 6.8 | 0.5 | 20 | | 0.00 | 39 | 31 | 0 | |
| 12/04/11 | 7.0 | 1.5 | 7.0 | 0.6 | | | 6.8 | 0.5 | 20 | | 0.00 | 44 | 31 | 0 | |
| 12/05/11 | 7.0 | 1.8 | 7.0 | 0.8 | | | 6.8 | 0.5 | 20 | | 0.01 | 44 | 27 | 58500 | |
| 12/06/11 | 7.0 | 1.8 | 7.0 | 0.5 | | | 6.6 | 0.5 | 20 | | 0.00 | 42 | 33 | 0 | |
| 12/07/11 | 6.9 | 2.2 | 7.0 | 1.5 | | | 6.6 | 0.7 | 20 | | 0.00 | 44 | 29 | 0 | |
| 12/08/11 | 6.9 | 0.4 | 6.9 | 1.3 | | | 7.0 | 6.7 | 13 | | 0.00 | 47 | 27 | 0 | |
| 12/09/11 | 6.8 | 2.0 | 6.8 | 0.2 | | | 7.0 | 5.3 | 13 | | 0.01 | 34 | 27 | 0 | |
| 12/10/11 | 6.9 | 1.5 | 6.7 | 2.7 | | | 6.3 | 6.4 | 14 | | 0.01 | 43 | 30 | 0 | |
| 12/11/11 | 6.8 | 0.4 | 6.7 | 1.0 | | | 6.3 | 5.8 | 13 | | 0.01 | 43 | 28 | 0 | |
| 12/12/11 | 6.8 | 0.5 | 6.8 | 1.2 | | | 6.8 | 5.5 | 13 | | 0.01 | 41 | 27 | 0 | |
| 12/13/11 | 6.8 | 1.3 | 6.8 | 1.5 | | | 6.7 | 5.1 | 13 | | 0.01 | 39 | 29 | 0 | |
| 12/14/11 | 6.9 | 0.5 | 7.0 | 0.9 | | | 6.8 | 4.7 | 13 | | 0.05 | 44 | 35 | 0 | |
| 12/15/11 | 7.0 | 2.3 | 7.0 | 1.4 | | | 6.8 | 4.2 | 13 | | 0.00 | 45 | 37 | 0 | |
| 12/16/11 | 7.0 | 0.4 | 7.0 | 1.8 | | | 6.8 | 3.7 | 14 | | 0.00 | 42 | 35 | 0 | |
| 12/17/11 | 7.0 | 1.0 | 7.0 | 1.5 | | | 6.8 | 3.6 | 14 | | 0.00 | 46 | 38 | 0 | |
| 12/18/11 | 7.0 | 1.2 | 7.0 | 1.4 | | | 6.8 | 3.5 | 14 | | 0.04 | 42 | 35 | 0 | |
| 12/19/11 | 6.8 | 1.5 | 6.8 | 0.6 | | | 6.7 | 3.0 | 14 | | 0.00 | 42 | 39 | 0 | |
| 12/20/11 | 7.0 | 0.4 | 6.9 | 0.6 | | | 6.8 | 2.7 | 14 | | 0.02 | 45 | 28 | 0 | |
| 12/21/11 | 7.0 | 0.5 | 7.0 | 1.2 | | | 6.7 | 1.6 | 14 | | 0.00 | 43 | 32 | 0 | |
| 12/22/11 | 6.9 | 0.4 | 6.9 | 0.3 | | | 6.7 | 1.2 | 14 | | 0.01 | 45 | 28 | 0 | |
| 12/23/11 | 7.0 | 0.3 | 7.0 | 1.6 | | | 6.8 | 1.1 | 14 | | 0.00 | 49 | 31 | 0 | |
| 12/24/11 | 7.0 | 1.6 | 7.0 | 1.5 | | | 6.7 | 0.7 | 14 | | 0.00 | 51 | 39 | 0 | |
| 12/25/11 | 6.9 | 1.0 | 6.9 | 0.3 | | | 6.8 | 0.7 | 14 | | 0.09 | 49 | 34 | 0 | |
| 12/26/11 | 7.0 | 0.4 | 6.9 | 0.3 | | | 6.6 | 0.6 | 14 | | 0.12 | 43 | 32 | 0 | |
| 12/27/11 | 6.8 | 1.2 | 6.8 | 1.3 | | | 6.5 | 0.6 | 14 | | 0.34 | 51 | 43 | 0 | |
| 12/28/11 | 6.7 | 0.5 | 6.7 | 0.7 | | | 6.5 | 0.5 | 14 | | 0.31 | 55 | 49 | 0 | |
| 12/29/11 | 6.8 | 0.4 | 6.9 | 0.4 | | | 6.3 | 0.4 | 14 | | 0.48 | 51 | 46 | 0 | |
| 12/30/11 | 7.0 | 0.2 | 6.8 | 0.7 | | | 6.3 | 0.5 | 15 | | 0.37 | 53 | 35 | 0 | |
| 12/31/11 | 6.9 | 1.7 | 6.7 | 2.1 | | | 6.2 | 1.1 | 15 | | 0.02 | 41 | 32 | 0 | |
| TOTAL | | | | | | | | | | | 2.03 | | | 234000 | |
| MIN | 6.7 | 0.2 | 6.7 | 0.2 | 0.0 | 0.0 | 6.2 | 0.4 | 13 | 0.00 | 0.00 | 34 | 27 | 0 | |
| AVG | 6.8 | 1.1 | 6.9 | 1.0 | 6.0 | 6.0 | 6.6 | 2.4 | 18 | 6.0 | 0.07 | 45 | 33 | 7548 | |
| MAX | 7.0 | 2.3 | 7.0 | 2.7 | 0.0 | 0.0 | 7.0 | 6.7 | 20 | 0.00 | 0.46 | 55 | 49 | 58500 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS |
|----------|----------------|-------------|---------------|-------------|-------------|------------------|----------------------|-------------------|-------------|------------------|----------------------|-------------------|-----|------------------|----------------|------------------|--|--|--|--|----------|
| | BOD MG/L | TSS MG/L | TSS LB/DAY | EFF MG/D | BOD MG/L | % BOD REMOVED | LBS BOD DISCH. | LBS BOD AVG | TSS MG/L | % TSS REMOVED | LBS TSS DISCH. | LBS TSS AVG | pH | FECAL #/100ml | FECAL CEM 7 | AMMONIA A W/L | | | | | |
| 01/01/12 | 0.422 | | | 0.376 | | | | | | | | 6.8 | | | | | | | | | |
| 01/02/12 | 0.497 | | | 0.454 | | | | | | | | 6.8 | | | | | | | | | |
| 01/03/12 | 0.483 | 150 | 604 | 0.448 | 98% | 7 | | 4.0 | 97% | 15 | | 6.8 | 41 | | 0.03 | 0.11 | | | | | |
| 01/04/12 | 0.518 | 198 | 855 | 0.405 | 2.3 | 2.2 | 98% | 8 | 9 | 4.0 | 4.0 | 6.8 | 42 | 41 | | | | | | | |
| 01/05/12 | 0.487 | 302 | 1227 | 0.531 | 2.4 | | 98% | 11 | | | | 6.9 | | | | | | | | | |
| 01/06/12 | 0.473 | | | 0.483 | | | | | | | | 7.0 | | | | | | | | | |
| 01/07/12 | 0.450 | | | 0.430 | | | | | | | | 6.9 | | | | | | | | | |
| 01/08/12 | 0.437 | | | 0.396 | | | | | | | | 6.9 | | | | | | | | | |
| 01/09/12 | 0.495 | | | 0.469 | | | | | | | | 7.0 | | | | | | | | | |
| 01/10/12 | 0.511 | 170 | 724 | 0.490 | 2.0 | | 99% | 8 | 1.0 | | | 7.0 | 30 | | 0.04 | 0.16 | | | | | |
| 01/11/12 | 0.472 | 217 | 854 | 0.432 | 3.2 | 2.8 | 99% | 12 | 11 | 3.0 | 1.6 | 7.0 | 40 | 35 | | | | | | | |
| 01/12/12 | 0.472 | 203 | 789 | 0.434 | 3.2 | | 98% | 12 | 1.0 | | | 7.0 | | | | | | | | | |
| 01/13/12 | 0.450 | | | 0.431 | | | | | | | | 7.0 | | | | | | | | | |
| 01/14/12 | 0.472 | | | 0.438 | | | | | | | | 7.0 | | | | | | | | | |
| 01/15/12 | 0.453 | | | 0.397 | | | | | | | | 7.0 | | | | | | | | | |
| 01/16/12 | 0.543 | | | 0.479 | | | | | | | | 7.0 | | | | | | | | | |
| 01/17/12 | 0.532 | 245 | 1087 | 0.483 | 3.0 | | 99% | 12 | | | | 6.9 | 40 | | 0.03 | 0.12 | | | | | |
| 01/18/12 | 0.600 | 172 | 861 | 0.551 | 3.6 | 3.4 | 98% | 17 | 16 | 4.0 | 3.7 | 7.0 | 56 | 48 | | | | | | | |
| 01/19/12 | 0.647 | 171 | 923 | 0.561 | 3.8 | | 98% | 18 | | | | 6.8 | | | | | | | | | |
| 01/20/12 | 0.555 | | | 0.548 | | | | | | | | 6.8 | | | | | | | | | |
| 01/21/12 | 0.511 | | | 0.519 | | | | | | | | 6.7 | | | | | | | | | |
| 01/22/12 | 0.536 | | | 0.466 | | | | | | | | 6.7 | | | | | | | | | |
| 01/23/12 | 0.528 | | | 0.473 | | | | | | | | 6.8 | | | | | | | | | |
| 01/24/12 | 0.564 | 194 | 913 | 0.513 | 3.4 | | 98% | 15 | | | | 6.8 | 36 | | 0.03 | 0.13 | | | | | |
| 01/25/12 | 0.543 | 172 | 779 | 0.500 | 3.6 | 3.5 | 96% | 15 | 15 | 4.0 | 4.0 | 6.8 | 62 | 49 | | | | | | | |
| 01/26/12 | 0.525 | 196 | 858 | 0.496 | 3.5 | | 98% | 14 | | | | 6.8 | | | | | | | | | |
| 01/27/12 | 0.473 | | | 0.462 | | | | | | | | 6.9 | | | | | | | | | |
| 01/28/12 | 0.521 | | | 0.448 | | | | | | | | 6.9 | | | | | | | | | |
| 01/29/12 | 0.598 | | | 0.441 | | | | | | | | 7.0 | | | | | | | | | |
| 01/30/12 | 0.553 | | | 0.480 | | | | | | | | 7.0 | | | | | | | | | |
| 01/31/12 | 0.526 | | | 0.474 | | | | | | | | 6.9 | | | | | | | | | |
| TOTAL | 16.847 | | | 14.610 | | 148 | | | | 144 | | | | | | 0.62 | | | | | |
| MIN | 0.422 | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.511 | 205 | 898 | 0.488 | 3.0 | | 99% | 12 | | 14 | | | 42 | | 0.03 | 0.13 | | | | | |
| MAX | 0.647 | 302 | 1227 | 0.561 | 3.6 | | | 16 | | | | 17 | | 49 | 0.04 | 0.16 | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | | | | | |
| PERMIT | 3167 | 3160 | 3160 | 3160 | 30 | 488 | 85% | 700 | 8 | 476 | 700 | 8 | 200 | 400 | 308 | 0.62 | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-5,260 NPDES WA0020401 RECEIVING WATERS N. FORK LEWIS RIVER

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|---------|---------|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|
| | PH | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 01/01/12 | 6.9 | 1.9 | 6.9 | 0.2 | | | 6.1 | 1.2 | 15 | | 0.00 | 55 | 37 | 0 |
| 01/02/12 | 6.9 | 1.9 | 6.9 | 0.4 | | | 6.1 | 1.2 | 15 | | 0.04 | 52 | 40 | 58500 |
| 01/03/12 | 6.9 | 1.9 | 6.9 | 0.4 | | | 6.1 | 1.2 | 15 | | 0.01 | 53 | 42 | 58500 |
| 01/04/12 | 6.9 | 1.9 | 6.9 | 0.5 | | | 6.1 | 1.0 | 15 | | 0.11 | 52 | 38 | 58500 |
| 01/05/12 | 6.8 | 1.8 | 7.0 | 0.6 | | | 6.2 | 0.7 | 15 | | 0.06 | 50 | 34 | 58500 |
| 01/06/12 | 6.9 | 0.4 | 6.9 | 1.0 | | | 6.1 | 1.8 | 15 | | 0.10 | 38 | 33 | 0 |
| 01/07/12 | 7.0 | 0.8 | 6.9 | 0.6 | | | 6.2 | 1.4 | 15 | | 0.02 | 45 | 35 | 0 |
| 01/08/12 | 7.0 | 1.1 | 7.0 | 0.4 | | | 6.2 | 0.9 | 15 | | 0.00 | 40 | 31 | 0 |
| 01/09/12 | 6.8 | 1.5 | 6.9 | 0.8 | | | 6.2 | 0.7 | 15 | | 0.10 | 45 | 34 | 0 |
| 01/10/12 | 7.0 | 0.4 | 6.9 | 1.1 | | | 6.2 | 0.7 | 15 | | 0.00 | 46 | 31 | 0 |
| 01/11/12 | 7.0 | 1.0 | 6.9 | 1.0 | | | 6.2 | 0.6 | 15 | | 0.01 | 49 | 28 | 0 |
| 01/12/12 | 7.0 | 0.8 | 6.9 | 0.9 | | | 6.2 | 0.7 | 15 | | 0.01 | 47 | 29 | 0 |
| 01/13/12 | 7.0 | 1.1 | 6.9 | 0.9 | | | 6.2 | 0.6 | 15 | | 0.00 | 42 | 28 | 0 |
| 01/14/12 | 7.0 | 1.0 | 6.9 | 0.8 | | | 6.2 | 0.9 | 15 | | 0.09 | 41 | 33 | 0 |
| 01/15/12 | 7.0 | 1.5 | 6.9 | 1.0 | | | 6.2 | 0.6 | 15 | | 0.01 | 39 | 31 | 0 |
| 01/16/12 | 7.0 | 1.2 | 6.9 | 1.1 | | | 6.2 | 0.7 | 15 | | 0.03 | 37 | 29 | 0 |
| 01/17/12 | 6.9 | 0.5 | 6.9 | 1.0 | | | 6.3 | 0.5 | 16 | | 0.61 | 37 | 33 | 0 |
| 01/18/12 | 6.9 | 0.6 | 6.8 | 0.1 | | | 6.3 | 0.6 | 16 | | 1.11 | 50 | 33 | 0 |
| 01/19/12 | 6.8 | 2.1 | 6.8 | 0.1 | | | 6.3 | 0.7 | 16 | | 0.96 | 44 | 36 | 0 |
| 01/20/12 | 6.8 | 0.6 | 6.7 | 1.4 | | | 6.2 | 0.5 | 16 | | 0.46 | 50 | 38 | 0 |
| 01/21/12 | 6.7 | 1.8 | 6.7 | 0.2 | | | 6.4 | 0.9 | 14 | | 0.15 | 51 | 38 | 0 |
| 01/22/12 | 6.7 | 0.5 | 6.7 | 1.1 | | | 6.5 | 1.3 | 14 | | 0.47 | 46 | 37 | 0 |
| 01/23/12 | 6.8 | 1.8 | 6.8 | 0.7 | | | 6.3 | 0.7 | 14 | | 0.00 | 42 | 34 | 0 |
| 01/24/12 | 6.7 | 0.4 | 6.7 | 0.4 | | | 6.4 | 0.8 | 15 | | 0.57 | 53 | 38 | 0 |
| 01/25/12 | 6.8 | 1.0 | 6.7 | 0.8 | | | 6.4 | 0.7 | 15 | | 0.03 | 51 | 43 | 0 |
| 01/26/12 | 6.8 | 1.2 | 6.8 | 0.6 | | | 6.4 | 0.8 | 15 | | 0.12 | 50 | 31 | 0 |
| 01/27/12 | 6.9 | 0.4 | 6.9 | 0.1 | | | 6.3 | 0.4 | 15 | | 0.00 | 44 | 30 | 0 |
| 01/28/12 | 6.9 | 0.3 | 6.9 | 0.4 | | | 6.3 | 0.6 | 15 | | 0.01 | 50 | 31 | 0 |
| 01/29/12 | 6.8 | 0.9 | 6.8 | 1.2 | | | 6.2 | 0.6 | 15 | | 0.37 | 48 | 38 | 0 |
| 01/30/12 | 6.9 | 2.0 | 6.8 | 0.8 | | | 6.2 | 0.5 | 15 | | 0.01 | 51 | 42 | 0 |
| 01/31/12 | 6.9 | 0.3 | 6.9 | 0.8 | | | 6.2 | 0.6 | 15 | | 0.01 | 51 | 41 | 0 |
| TOTAL | | | | | | | | | | | 5.47 | | | 234000 |
| MIN | 6.7 | 0.3 | 6.7 | 0.1 | 0.0 | 0.0 | 6.1 | 0.4 | 14 | 0.00 | 0.00 | 37 | 28 | 0 |
| AVG | 6.9 | 1.1 | 6.9 | 0.7 | 6.01/01 | 6.01/01 | 6.2 | 0.8 | 15 | 6.01/01 | 0.18 | 47 | 35 | 7600 |
| MAX | 7.0 | 2.1 | 7.0 | 1.4 | 0.0 | 0.0 | 6.5 | 1.8 | 16 | 0.00 | 1.11 | 66 | 43 | 58500 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | |
|----------|----------------|---------------|------------|---------------|------------|------------|------------------|---------------------|--------------------------|------------|----------------|---------------------|------------------|--------------------------|-----|------------------|------------------|----------------|----------------|-----|----------|--|
| | BOD MGL | BOD LB/DAY | TSS MGL | TSS LB/DAY | EFF MGD | BOD MGL | % BOD REMOVED | LBS BOD DISCH | LBS BOD BOO AVG | TSS MGL | TSS MGL | LBS TSS DISCH | % TSS REMOVED | LBS TSS BOO AVG | PH | FECAL #/1000L | FECAL #/1000L | AMMONIA MGL | AMMONIA MGL | | | |
| 02/01/12 | 0.631 | 245 | 1289 | 285 | 1552 | 0.520 | 3.5 | 99% | 15 | 5.5 | 5.8 | 98% | 24 | 6.9 | 58 | 0.03 | 0.13 | | | | | |
| 02/02/12 | 0.551 | 188 | 954 | 260 | 1195 | 0.465 | 3.3 | 98% | 13 | 6.0 | 5.8 | 98% | 23 | 6.8 | 46 | 52 | | | | | | |
| 02/03/12 | 0.451 | | | | 0.468 | | | | | | | | | 6.9 | | | | | | | | |
| 02/04/12 | 0.497 | | | | 0.462 | | | | | | | | | 7.0 | | | | | | | | |
| 02/05/12 | 0.475 | | | | 0.424 | | | | | | | | | 7.0 | | | | | | | | |
| 02/06/12 | 0.504 | | | | 0.475 | | | | | | | | | 6.9 | | | | | | | | |
| 02/07/12 | 0.548 | 312 | 1429 | 270 | 1236 | 0.473 | 3.8 | 99% | 15 | 5.0 | 4.3 | 98% | 20 | 7.0 | 33 | 0.03 | 0.12 | | | | | |
| 02/08/12 | 0.589 | 279 | 1371 | 390 | 1768 | 0.480 | 4.1 | 99% | 17 | 4.0 | 4.3 | 99% | 16 | 6.9 | 54 | 44 | | | | | | |
| 02/09/12 | 0.588 | 272 | 1334 | 320 | 1569 | 0.485 | 3.8 | 99% | 15 | 4.0 | | 99% | 16 | 7.0 | | | | | | | | |
| 02/10/12 | 0.540 | | | | 0.434 | | | | | | | | | 7.1 | | | | | | | | |
| 02/11/12 | 0.605 | | | | 0.512 | | | | | | | | | 7.0 | | | | | | | | |
| 02/12/12 | 0.590 | | | | 0.500 | | | | | | | | | 7.1 | | | | | | | | |
| 02/13/12 | 0.630 | | | | 0.530 | | | | | | | | | 7.0 | | | | | | | | |
| 02/14/12 | 0.609 | 235 | 1184 | 240 | 1219 | 0.510 | 3.0 | 99% | 13 | 2.5 | | 98% | 11 | 7.1 | 44 | 0.04 | 0.17 | | | | | |
| 02/15/12 | 0.619 | 214 | 1105 | 375 | 1936 | 0.520 | 2.8 | 99% | 12 | 4.0 | 3.6 | 99% | 17 | 7.0 | 58 | 51 | | | | | | |
| 02/16/12 | 0.631 | 174 | 916 | 195 | 1028 | 0.530 | 3.4 | 98% | 15 | 4.5 | | 98% | 20 | 7.0 | | | | | | | | |
| 02/17/12 | 0.578 | | | | 0.483 | | | | | | | | | 7.0 | | | | | | | | |
| 02/18/12 | 0.647 | | | | 0.550 | | | | | | | | | 7.0 | | | | | | | | |
| 02/19/12 | 0.576 | | | | 0.502 | | | | | | | | | 7.0 | | | | | | | | |
| 02/20/12 | 0.576 | | | | 0.473 | | | | | | | | | 7.0 | | | | | | | | |
| 02/21/12 | 0.604 | 162 | 816 | 125 | 630 | 0.511 | 4.1 | 97% | 17 | 4.0 | | 97% | 17 | 7.0 | 64 | 0.04 | 0.17 | | | | | |
| 02/22/12 | 0.585 | 166 | 810 | 250 | 1220 | 0.531 | 3.1 | 98% | 14 | 5.0 | 5.0 | 98% | 22 | 7.1 | 35 | 50 | | | | | | |
| 02/23/12 | 0.559 | 149 | 695 | 195 | 908 | 0.480 | 3.3 | 98% | 13 | 6.0 | | 97% | 24 | 7.1 | | | | | | | | |
| 02/24/12 | 0.535 | | | | 0.453 | | | | | | | | | 7.1 | | | | | | | | |
| 02/25/12 | 0.567 | | | | 0.490 | | | | | | | | | 7.0 | | | | | | | | |
| 02/26/12 | 0.514 | | | | 0.405 | | | | | | | | | 7.1 | | | | | | | | |
| 02/27/12 | 0.537 | | | | 0.442 | | | | | | | | | 7.1 | | | | | | | | |
| 02/28/12 | 0.609 | 132 | 670 | 130 | 680 | 0.498 | 2.8 | 98% | 12 | 4.0 | | 97% | 17 | 7.1 | 37 | 0.03 | 0.12 | | | | | |
| 02/29/12 | 0.610 | 196 | 997 | 215 | 1094 | 0.510 | 3.0 | 98% | 13 | 5.0 | 4.5 | 98% | 21 | 7.0 | 28 | 33 | | | | | | |
| TOTAL | 16,664 | | | | 14,126 | | | 184 | | | | | 248 | | | | | | | | 0.71 | |
| MIN | 0.451 | | | | | | | | | | | | | 6.8 | | | | | | | | |
| AVG | 0.671 | 210 | 1038 | 248 | 1232 | 0.487 | 3.4 | 98% | 14 | 4.8 | | 98% | 19 | 7.1 | 44 | 0.03 | 0.14 | | | | | |
| MAX | 0.647 | 312 | 1429 | 375 | 1938 | 0.650 | 3.9 | | | 6.8 | | | | 7.1 | 62 | 0.04 | 0.17 | | | | | |
| AVG | | | | | | | | | 16 | | | | | AVG | AVG | AVG | | | | | | |
| PERMIT | 3.0 BOD | 5107 | | | 3180 | 3.0 BOD | 3.0 | 85% | 488 | 700 | 50 | 85% | 478 | 700 | 6 | 200 | 400 | | | 358 | 1.6 | |
| AVG | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT


Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-6,250 NPDES WA0020401 RECEIVING WATERS N. FORK LEWIS RIVER

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|-----|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 02/01/12 | 6.8 | 2.2 | 6.9 | 0.8 | | | 6.2 | 0.5 | 15 | | 0.06 | 51 | 37 | 0 | |
| 02/02/12 | 6.9 | 1.2 | 7.0 | 0.5 | | | 6.1 | 0.6 | 15 | | 0.00 | 56 | 35 | 0 | |
| 02/03/12 | 6.9 | 1.0 | 6.9 | 0.4 | | | 6.1 | 0.5 | 15 | | 0.00 | 56 | 45 | 0 | |
| 02/04/12 | 6.9 | 1.1 | 7.0 | 0.6 | | | 6.1 | 0.5 | 15 | | 0.00 | 58 | 34 | 0 | |
| 02/05/12 | 6.9 | 1.5 | 7.0 | 0.8 | | | 6.1 | 0.5 | 15 | | 0.00 | 59 | 33 | 0 | |
| 02/06/12 | 6.8 | 0.3 | 6.8 | 1.0 | | | 6.1 | 0.6 | 15 | | 0.00 | 59 | 33 | 0 | |
| 02/07/12 | 6.8 | 0.8 | 6.9 | 0.1 | | | 6.8 | 5.5 | 12 | | 0.00 | 53 | 38 | 0 | |
| 02/08/12 | 7.0 | 1.0 | 7.0 | 0.2 | | | 6.8 | 5.2 | 13 | | 0.11 | 45 | 40 | 0 | |
| 02/09/12 | 6.8 | 0.3 | 6.8 | 0.1 | | | 6.8 | 4.3 | 13 | 0.51 | 0.20 | 49 | 43 | 0 | |
| 02/10/12 | 7.0 | 0.3 | 7.0 | 0.2 | | | 6.8 | 3.7 | 13 | | 0.18 | 48 | 43 | 0 | |
| 02/11/12 | 6.8 | 2.2 | 6.8 | 0.3 | | | 6.7 | 4.6 | 13 | | 0.00 | 50 | 38 | 0 | |
| 02/12/12 | 6.8 | 0.7 | 6.8 | 0.2 | | | 6.6 | 5.1 | 13 | | 0.12 | 48 | 36 | 0 | |
| 02/13/12 | 6.9 | 1.3 | 7.0 | 0.6 | | | 6.7 | 4.1 | 13 | | 0.04 | 45 | 40 | 0 | |
| 02/14/12 | 7.0 | 0.4 | 7.0 | 1.2 | | | 6.7 | 3.6 | 13 | | 0.15 | 46 | 39 | 0 | |
| 02/15/12 | 7.0 | 0.4 | 6.9 | 0.5 | | | 6.7 | 3.2 | 13 | | 0.00 | 46 | 36 | 0 | |
| 02/16/12 | 6.8 | 0.4 | 7.0 | 0.5 | | | 6.7 | 2.5 | 13 | | 0.12 | 43 | 36 | 0 | |
| 02/17/12 | 7.0 | 1.0 | 7.0 | 0.5 | | | 6.8 | 2.0 | 13 | | 0.34 | 51 | 41 | 0 | |
| 02/18/12 | 7.0 | 0.8 | 7.0 | 1.0 | | | 6.8 | 2.2 | 13 | | 0.34 | 45 | 39 | 0 | |
| 02/19/12 | 7.0 | 0.6 | 7.0 | 0.8 | | | 6.8 | 2.3 | 12 | | 0.04 | 46 | 36 | 0 | |
| 02/20/12 | 7.0 | 0.7 | 7.0 | 0.6 | | | 6.8 | 2.0 | 13 | | 0.15 | 49 | 39 | 0 | |
| 02/21/12 | 7.1 | 0.4 | 7.1 | 0.3 | | | 6.8 | 1.3 | 14 | | 0.41 | 55 | 48 | 0 | |
| 02/22/12 | 7.0 | 0.6 | 7.0 | 0.1 | | | 6.8 | 1.1 | 14 | | 0.55 | 52 | 40 | 0 | |
| 02/23/12 | 7.1 | 0.1 | 7.1 | 0.6 | | | 6.8 | 0.7 | 14 | | 0.06 | 46 | 35 | 0 | |
| 02/24/12 | 7.1 | 2.2 | 7.1 | 0.3 | | | 6.8 | 0.6 | 14 | | 0.20 | 50 | 38 | 0 | |
| 02/25/12 | 7.0 | 1.0 | 7.0 | 0.3 | | | 6.8 | 0.7 | 14 | | 0.34 | 43 | 36 | 0 | |
| 02/26/12 | 7.1 | 1.2 | 7.1 | 0.2 | | | 6.8 | 0.5 | 14 | | 0.14 | 44 | 33 | 0 | |
| 02/27/12 | 7.1 | 0.9 | 7.1 | 0.9 | | | 6.9 | 0.7 | 14 | | 0.00 | 47 | 30 | 0 | |
| 02/28/12 | 7.1 | 0.7 | 7.1 | 0.6 | | | 6.6 | 1.8 | 15 | | 0.49 | 43 | 32 | 0 | |
| 02/28/12 | 7.1 | 0.6 | 7.1 | 0.2 | | | 6.4 | 2.0 | 15 | 1.11 | 0.54 | 42 | 35 | 0 | |
| TOTAL | | | | | | | | | | | 4.88 | | | 0 | |
| MIN | 6.8 | 0.1 | 6.8 | 0.1 | 0.0 | 0.0 | 6.1 | 0.5 | 12 | 0.51 | 0.00 | 42 | 30 | 0 | |
| AVG | 7.0 | 0.9 | 7.0 | 0.5 | 6.9 | 6.9 | 6.6 | 2.2 | 14 | 0.81 | 0.16 | 49 | 38 | 0 | |
| MAX | 7.1 | 2.2 | 7.1 | 1.2 | 0.0 | 0.0 | 6.9 | 5.5 | 15 | 1.11 | 0.55 | 59 | 46 | 0 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | |
|----------|----------------|----------|----------|---------|----------|----------|---------------|---------|---------|---------|----------------|----------|---------------|---------|---------|---------|-------|----------------|----------------|------------------|----------|------------------|
| | INF MED | BOD MG/L | TSS MG/L | TSS LBS | EFF MG/D | BOD MG/L | % BOD REMOVED | LBS BOD | LBS BOD | LBS BOD | TSS MG/L | TSS MG/L | % TSS REMOVED | LBS TSS | LBS TSS | LBS TSS | PH | FECAL COLIFORM | FECAL COLIFORM | AMMONIA NITROGEN | | AMMONIA NITROGEN |
| 03/01/12 | 0.568 | | | | 0.441 | | | | | | | | | | | 7.0 | | | | | | |
| 03/02/12 | 0.557 | | | | 0.468 | | | | | | | | | | | 7.1 | | | | | | |
| 03/03/12 | 0.550 | | | | 0.445 | | | | | | | | | | | 7.1 | | | | | | |
| 03/04/12 | 0.520 | | | | 0.413 | | | | | | | | | | | 6.9 | | | | | | |
| 03/05/12 | 0.588 | | | | 0.463 | | | | | | | | | | | 7.0 | | | | | | |
| 03/06/12 | 0.552 | 228 | 1050 | 440 | 2028 | 0.453 | 3.2 | 99% | 12 | 3.0 | 99% | 11 | 7.1 | 35 | 0.03 | 0.11 | | | | | | |
| 03/07/12 | 0.537 | 189 | 846 | 220 | 985 | 0.449 | 2.6 | 99% | 10 | 2.0 | 99% | 7 | 7.0 | 64 | 50 | | | | | | | |
| 03/08/12 | 0.576 | 205 | 985 | 260 | 1248 | 0.471 | 2.7 | 99% | 11 | 1.0 | 100% | 4 | 7.0 | | | | | | | | | |
| 03/09/12 | 0.510 | | | | 0.453 | | | | | | | | | | | 7.0 | | | | | | |
| 03/10/12 | 0.514 | | | | 0.411 | | | | | | | | | | | 7.1 | | | | | | |
| 03/11/12 | 0.544 | | | | 0.463 | | | | | | | | | | | 7.0 | | | | | | |
| 03/12/12 | 0.598 | | | | 0.521 | | | | | | | | | | | 7.1 | | | | | | |
| 03/13/12 | 0.610 | 112 | 570 | 80 | 407 | 0.522 | 2.1 | 98% | 9 | 1.5 | 98% | 7 | 7.0 | 36 | 0.03 | 0.13 | | | | | | |
| 03/14/12 | 0.605 | 179 | 903 | 295 | 1488 | 0.558 | 2.5 | 99% | 12 | 3.5 | 99% | 16 | 12 | 7.0 | 62 | 48 | | | | | | |
| 03/15/12 | 0.671 | 158 | 884 | 215 | 1203 | 0.607 | 2.5 | 98% | 13 | 2.5 | 99% | 13 | 7.0 | | | | | | | | | |
| 03/16/12 | 0.606 | | | | 0.508 | | | | | | | | | | | 7.1 | | | | | | |
| 03/17/12 | 0.627 | | | | 0.553 | | | | | | | | | | | 7.0 | | | | | | |
| 03/18/12 | 0.576 | | | | 0.484 | | | | | | | | | | | 7.0 | | | | | | |
| 03/19/12 | 0.580 | | | | 0.502 | | | | | | | | | | | 7.0 | | | | | | |
| 03/20/12 | 0.600 | 179 | 896 | 200 | 1001 | 0.544 | 2.7 | 98% | 12 | 1.0 | 100% | 5 | 7.1 | 36 | 0.04 | 0.18 | | | | | | |
| 03/21/12 | 0.602 | 188 | 944 | 220 | 1105 | 0.547 | 2.5 | 99% | 11 | 2.0 | 99% | 9 | 7.1 | 43 | 40 | | | | | | | |
| 03/22/12 | 0.619 | 112 | 578 | 125 | 645 | 0.562 | 2.3 | 98% | 11 | 3.0 | 98% | 14 | 7.0 | | | | | | | | | |
| 03/23/12 | 0.555 | | | | 0.528 | | | | | | | | | | | 7.0 | | | | | | |
| 03/24/12 | 0.555 | | | | 0.528 | | | | | | | | | | | 6.8 | | | | | | |
| 03/25/12 | 0.511 | | | | 0.464 | | | | | | | | | | | 6.8 | | | | | | |
| 03/26/12 | 0.543 | | | | 0.484 | | | | | | | | | | | 7.0 | | | | | | |
| 03/27/12 | 0.584 | 220 | 1072 | 255 | 1242 | 0.531 | 4.4 | 98% | 19 | 6.5 | 97% | 29 | 7.1 | 74 | 0.03 | 0.13 | | | | | | |
| 03/28/12 | 0.596 | 207 | 1029 | 270 | 1342 | 0.542 | 5.6 | 97% | 25 | 7.0 | 97% | 32 | 36 | 7.0 | 54 | 64 | | | | | | |
| 03/29/12 | 0.760 | 199 | 1261 | 265 | 1680 | 0.653 | 4.6 | 98% | 25 | 8.5 | 97% | 48 | 7.0 | | | | | | | | | |
| 03/30/12 | 0.756 | | | | 0.592 | | | | | | | | | | | 7.0 | | | | | | |
| 03/31/12 | 0.733 | | | | 0.634 | | | | | | | | | | | 7.1 | | | | | | |
| TOTAL | 18,304 | | | | 15,905 | | | | 170 | | | 193 | | | | | | | | | 0.56 | |
| MIN | 0.510 | | | | | | | | | | | | | | | 6.8 | | | | | | |
| AVG | 0.590 | 181 | 918 | 237 | 1198 | 0.513 | 3.1 | 96% | 14 | 3.6 | 99% | 16 | 38 | 7.1 | 64 | 0.03 | 0.14 | | | | | |
| MAX | 0.760 | 228 | 1261 | 440 | 2026 | 0.692 | 4.8 | | 23 | 7.3 | | | 74 | 64 | 0.04 | 0.18 | | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| PERMIT | 3.407 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 | 3.100 |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP. MONTHLY MONITORING REPORT POPULATION-6,250 NPDES WA0020401 RECEIVING WATERS N. FORK LEWIS RIVER

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|---------|---------|--------------------|-----|------|--------------|-----------|----------|----------|-------------------------|--|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS | |
| 03/01/12 | 7.0 | 1.3 | 7.0 | 2.0 | | | 6.0 | 2.3 | 15 | | 0.25 | 41 | 33 | 0 | |
| 03/02/12 | 7.1 | 0.7 | 7.1 | 0.8 | | | 6.0 | 1.5 | 15 | | 0.01 | 40 | 38 | 0 | |
| 03/03/12 | 6.7 | 2.8 | 6.9 | 1.0 | | | 6.4 | 3.0 | 15 | | 0.05 | 50 | 42 | 0 | |
| 03/04/12 | 6.8 | 1.4 | 7.0 | 1.3 | | | 6.7 | 6.0 | 15 | | 0.01 | 57 | 39 | 0 | |
| 03/05/12 | 7.0 | 1.5 | 7.0 | 0.4 | | | 6.4 | 2.9 | 15 | | 0.20 | 47 | 34 | 76000 | |
| 03/06/12 | 7.1 | 0.4 | 7.0 | 0.1 | | | 6.5 | 2.2 | 15 | | 0.01 | 48 | 29 | 76000 | |
| 03/07/12 | 7.1 | 0.4 | 7.1 | 0.1 | | | 6.5 | 1.9 | 15 | | 0.00 | 52 | 28 | 76000 | |
| 03/08/12 | 7.0 | 0.4 | 7.0 | 0.3 | | | 6.5 | 1.2 | 15 | | 0.01 | 66 | 31 | 0 | |
| 03/09/12 | 7.0 | 0.3 | 6.9 | 0.2 | | | 6.7 | 4.8 | 11 | 0.34 | 0.00 | 59 | 35 | 0 | |
| 03/10/12 | 7.0 | 0.4 | 7.1 | 0.1 | | | 6.8 | 4.0 | 11 | | 0.17 | 51 | 45 | 0 | |
| 03/11/12 | 7.0 | 0.2 | 7.0 | 2.8 | | | 6.7 | 3.5 | 11 | | 0.54 | 45 | 39 | 0 | |
| 03/12/12 | 7.0 | 1.6 | 7.1 | 0.1 | | | 6.7 | 2.9 | 11 | | 1.01 | 48 | 37 | 0 | |
| 03/13/12 | 7.1 | 0.4 | 7.0 | 0.2 | | | 6.7 | 1.9 | 12 | | 0.22 | 44 | 34 | 0 | |
| 03/14/12 | 7.0 | 2.0 | 7.1 | 0.8 | | | 6.7 | 1.7 | 12 | | 0.91 | 49 | 35 | 0 | |
| 03/15/12 | 7.1 | 0.6 | 7.0 | 0.2 | | | 6.8 | 0.8 | 12 | | 0.48 | 56 | 47 | 0 | |
| 03/16/12 | 7.1 | 0.4 | 7.0 | 0.2 | | | 6.8 | 0.8 | 12 | | 0.38 | 49 | 42 | 0 | |
| 03/17/12 | 7.0 | 0.7 | 7.0 | 0.5 | | | 6.8 | 0.8 | 12 | | 0.20 | 48 | 37 | 0 | |
| 03/18/12 | 7.0 | 0.5 | 7.0 | 0.4 | | | 6.8 | 0.8 | 12 | | 0.16 | 44 | 32 | 0 | |
| 03/19/12 | 7.0 | 0.6 | 7.0 | 0.8 | | | 6.8 | 0.9 | 12 | | 0.09 | 44 | 31 | 0 | |
| 03/20/12 | 7.0 | 1.5 | 7.1 | 0.2 | | | 6.8 | 0.7 | 12 | | 0.42 | 47 | 38 | 0 | |
| 03/21/12 | 7.1 | 0.4 | 7.1 | 0.1 | | | 6.8 | 0.7 | 12 | | 0.35 | 41 | 33 | 0 | |
| 03/22/12 | 7.2 | 0.6 | 7.1 | 0.4 | | | 6.5 | 1.9 | 13 | 0.58 | 0.40 | 46 | 33 | 0 | |
| 03/23/12 | 7.1 | 0.4 | 6.9 | 0.2 | | | 6.0 | 1.7 | 13 | | 0.00 | 56 | 34 | 0 | |
| 03/24/12 | 7.0 | 1.0 | 6.8 | 1.3 | | | 5.6 | 1.0 | 14 | | 0.00 | 67 | 41 | 0 | |
| 03/25/12 | 6.9 | 0.8 | 6.8 | 0.1 | | | 5.9 | 1.0 | 14 | | 0.05 | 58 | 42 | 0 | |
| 03/26/12 | 7.0 | 1.0 | 7.1 | 0.2 | | | 6.3 | 0.8 | 13 | | 0.02 | 57 | 40 | 0 | |
| 03/27/12 | 6.8 | 0.8 | 7.2 | 0.5 | | | 6.4 | 0.8 | 13 | | 0.35 | 57 | 45 | 0 | |
| 03/28/12 | 7.0 | 0.8 | 7.1 | 0.2 | | | 6.7 | 0.6 | 14 | | 0.23 | 52 | 46 | 0 | |
| 03/29/12 | 6.6 | 1.5 | 7.1 | 0.2 | | | 6.8 | 0.6 | 14 | | 1.36 | 54 | 46 | 0 | |
| 03/30/12 | 7.2 | 2.5 | 7.1 | 0.7 | | | 6.8 | 0.9 | 14 | | 0.44 | 53 | 42 | 0 | |
| 03/31/12 | 7.1 | 1.5 | 7.0 | 0.4 | | | 6.8 | 0.8 | 14 | | 0.59 | 54 | 41 | 0 | |
| TOTAL | | | | | | | | | | | 8.93 | | | 234000 | |
| MIN | 5.6 | 0.2 | 6.8 | 0.1 | 0.0 | 0.0 | 5.6 | 0.6 | 11 | 0.34 | 0.00 | 40 | 28 | 0 | |
| AVG | 7.0 | 0.9 | 7.0 | 0.5 | #DIV/0! | #DIV/0! | 6.5 | 1.8 | 13 | 0.48 | 0.29 | 51 | 38 | 7548 | |
| MAX | 7.2 | 2.8 | 7.2 | 2.8 | 0.0 | 0.0 | 6.8 | 6.0 | 15 | 0.58 | 1.36 | 67 | 47 | 76000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA.0020401

| FREQUENCY | | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | |
|-----------|---------|----------------|-------|-------|---------|---------|-----------|-----------|-----------|-----------|-------|----------------|-------|-------|-------|---------|---------|-------|-------------|------|------|----------|------|------|------|
| DATE | CONT | 2WEEK | 2WEEK | 2WEEK | 1WEEK | CONT | 2WEEK | BOD 5-DAY | BOD 5-DAY | BOD 5-DAY | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 1WEEK | DAILY | TEMPERATURE | 130 | 130 | | 130 | 130 | 130 |
| | FLOW | BOD 5-DAY | TSS | TSS | AMMONIA | FLOW | BOD 5-DAY | % REMOVAL | BOD 5-DAY | LBS | TSS | TSS | TSS | FECAL | FECAL | AMMONIA | AMMONIA | PH | TEMPERATURE | 130 | 130 | 130 | 130 | 130 | |
| | MGD | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL | MGAL |
| 04/01/12 | 0.709 | | | | | 0.580 | | | | | | | | | | | | 7.1 | 15 | | | | | | |
| 04/02/12 | 0.686 | | | | | 0.511 | | | | | | | | | | | | 6.8 | 15 | | | | | | |
| 04/03/12 | 0.733 | 145 | 886 | 370 | 2262 | 0.629 | 2.4 | 98% | 13 | 6.0 | 6.0 | 31 | | | | | 6.9 | 15 | | | | | | | |
| 04/04/12 | 0.754 | 125 | 786 | 145 | 912 | 0.614 | 3.1 | 98% | 16 | 5.5 | 4.8 | 28 | 32 | | | 0.08 | 0.41 | 7.1 | 15 | 5.37 | 6.09 | 6.89 | 85.6 | | |
| 04/05/12 | 0.711 | 127 | 753 | 105 | 623 | 0.600 | 2.5 | 98% | 13 | 3.0 | 3.0 | 15 | 68 | 50 | | | | 7.0 | 15 | | | | | | |
| 04/06/12 | 0.689 | | | | | 0.557 | | | | | | | | | | | | 7.1 | 15 | | | | | | |
| 04/07/12 | 0.664 | | | | | 0.537 | | | | | | | | | | | | 7.1 | 15 | | | | | | |
| 04/08/12 | 0.617 | | | | | 0.490 | | | | | | | | | | | | 7.0 | 15 | | | | | | |
| 04/09/12 | 0.676 | | | | | 0.543 | | | | | | | | | | | | 7.0 | 15 | | | | | | |
| 04/10/12 | 0.665 | 173 | 959 | 220 | 1220 | 0.547 | 3.6 | 98% | 16 | 3.0 | 3.0 | 14 | | | | | 7.1 | 15 | | | | | | | |
| 04/11/12 | 0.690 | 188 | 1082 | 225 | 1295 | 0.551 | 3.0 | 98% | 14 | 3.5 | 3.2 | 16 | 33 | | | 0.10 | 0.46 | 7.1 | 15 | | | | | | |
| 04/12/12 | 0.656 | 141 | 771 | 175 | 967 | 0.528 | 2.5 | 98% | 11 | 3.0 | 3.0 | 13 | 58 | 46 | | | | 7.0 | 15 | | | | | | |
| 04/13/12 | 0.632 | | | | | 0.529 | | | | | | | | | | | | 6.9 | 16 | | | | | | |
| 04/14/12 | 0.631 | | | | | 0.511 | | | | | | | | | | | | 6.8 | 17 | | | | | | |
| 04/15/12 | 0.618 | | | | | 0.486 | | | | | | | | | | | | 6.8 | 17 | | | | | | |
| 04/16/12 | 0.639 | | | | | 0.526 | | | | | | | | | | | | 7.1 | 17 | | | | | | |
| 04/17/12 | 0.656 | 236 | 1291 | 225 | 1231 | 0.525 | 3.7 | 98% | 16 | 3.0 | 3.0 | 13 | | | | | 7.0 | 17 | | | | | | | |
| 04/18/12 | 0.621 | 195 | 1010 | 230 | 1191 | 0.504 | 3.5 | 98% | 15 | 3.5 | 3.3 | 15 | 35 | | | 0.12 | 0.50 | 7.1 | 17 | | | | | | |
| 04/19/12 | 0.666 | 179 | 994 | 310 | 1722 | 0.540 | 3.1 | 98% | 14 | 3.5 | 3.5 | 16 | 66 | 51 | | | | 7.0 | 17 | | | | | | |
| 04/20/12 | 0.613 | | | | | 0.520 | | | | | | | | | | | | 7.0 | 17 | | | | | | |
| 04/21/12 | 0.574 | | | | | 0.455 | | | | | | | | | | | | 7.1 | 17 | | | | | | |
| 04/22/12 | 0.566 | | | | | 0.443 | | | | | | | | | | | | 7.0 | 17 | | | | | | |
| 04/23/12 | 0.622 | | | | | 0.482 | | | | | | | | | | | | 7.1 | 17 | | | | | | |
| 04/24/12 | 0.617 | 211 | 1066 | 285 | 1467 | 0.494 | 6.7 | 97% | 28 | 7.0 | 7.0 | 29 | | | | | 7.0 | 17 | | | | | | | |
| 04/25/12 | 0.651 | 174 | 945 | 200 | 1066 | 0.506 | 8.0 | 95% | 34 | 10.0 | 8.8 | 42 | 31 | | | 1.00 | 4.22 | 7.1 | 17 | | | | | | |
| 04/26/12 | 0.630 | 178 | 935 | 200 | 1051 | 0.518 | 9.2 | 95% | 40 | 9.5 | 9.5 | 41 | 39 | 35 | | | | 7.1 | 17 | | | | | | |
| 04/27/12 | 0.584 | | | | | 0.483 | | | | | | | | | | | | 7.0 | 17 | | | | | | |
| 04/28/12 | 0.548 | | | | | 0.438 | | | | | | | | | | | | 7.0 | 17 | | | | | | |
| 04/29/12 | 0.580 | | | | | 0.437 | | | | | | | | | | | | 7.0 | 17 | | | | | | |
| 04/30/12 | 0.618 | | | | | 0.496 | | | | | | | | | | | | 7.1 | 17 | | | | | | |
| TOTAL | 19,286 | | | | | 15,580 | | | 228 | | | 273 | | | | | 5.59 | | | | | | | | |
| MIN | 0.548 | | | | | | | | | | | | | | | | | 6.8 | | | | | | | |
| AVG | 0.643 | 173 | 383 | 224 | 501 | 0.519 | 4.3 | 98% | 8 | 5.0 | 9 | 9 | 43 | | | 0.33 | 0.19 | 16 | 5.37 | 6.09 | 6.89 | 85.6 | | | |
| MAX | 0.754 | 236 | 1291 | 370 | 2262 | 0.629 | 7.9 | | 34 | | | | 51 | | | 1.00 | 4.22 | 7.1 | 17 | | | | | | |
| AVG. | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | |
| PERMIT | 2.0 MGD | | | | | 2.0 MGD | | 85% | 700 | 30 | 30 | 475 | 711 | 200 | 400 | | | 6.0 | | | | | | | |
| AVG | | 3107 | 3160 | | | AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | |
| LIMITS | | | | | | | | | | | | | | | | | | 9.0 | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title


Signature

PLANT SUPERINTENDENT

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,250 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|---------|---------|--------------------|-----|------|--------------|-----------|---------|----------|--------------------------------|
| | P.H | D.O | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAXTEMP | MIN TEMP | |
| 04/01/12 | 7.1 | 0.7 | 7.1 | 1.3 | | | 6.7 | 0.9 | 14 | | 0.14 | 47 | 40 | 0 |
| 04/02/12 | 7.0 | 1.2 | 7.0 | 1.3 | | | 6.8 | 0.9 | 14 | | 0.00 | 63 | 41 | 0 |
| 04/03/12 | 6.8 | 1.8 | 7.2 | 1.4 | | | 6.5 | 0.7 | 15 | | 0.62 | 53 | 39 | 0 |
| 04/04/12 | 6.8 | 0.3 | 7.2 | 1.2 | | | 6.5 | 0.8 | 15 | | 0.49 | 46 | 38 | 0 |
| 04/05/12 | 6.8 | 0.3 | 6.9 | 0.2 | | | 6.4 | 0.9 | 15 | | 0.11 | 49 | 36 | 0 |
| 04/06/12 | 7.0 | 0.4 | 7.1 | 0.2 | | | 6.4 | 0.7 | 15 | | 0.00 | 52 | 34 | 0 |
| 04/07/12 | 7.0 | 0.4 | 7.0 | 0.5 | | | 6.4 | 0.6 | 15 | | 0.00 | 64 | 33 | 0 |
| 04/08/12 | 7.0 | 0.3 | 7.1 | 0.4 | | | 6.4 | 0.7 | 15 | | 0.00 | 71 | 46 | 78000 |
| 04/09/12 | 7.0 | 1.0 | 7.0 | 0.3 | | | 6.4 | 0.7 | 15 | | 0.00 | 68 | 43 | 78000 |
| 04/10/12 | 7.0 | 0.4 | 7.0 | 0.5 | | | 6.4 | 0.7 | 15 | | 0.03 | 65 | 47 | 78000 |
| 04/11/12 | 7.0 | 0.6 | 7.2 | 0.8 | | | 6.6 | 0.3 | 16 | 1.18 | 0.19 | 54 | 47 | 0 |
| 04/12/12 | 6.8 | 0.7 | 7.2 | 0.9 | | | 7.0 | 0.2 | 16 | | 0.14 | 58 | 41 | 0 |
| 04/13/12 | 6.9 | 0.6 | 6.9 | 1.0 | | | 6.4 | 6.6 | 12 | 0.49 | 0.00 | 63 | 36 | 0 |
| 04/14/12 | 6.8 | 1.0 | 6.8 | 2.5 | | | 6.3 | 6.3 | 13 | | 0.01 | 61 | 38 | 0 |
| 04/15/12 | 6.8 | 0.3 | 6.9 | 0.2 | | | 6.2 | 3.4 | 14 | | 0.12 | 65 | 40 | 0 |
| 04/16/12 | 7.0 | 1.0 | 7.0 | 1.1 | | | 6.2 | 2.2 | 14 | | 0.33 | 58 | 41 | 0 |
| 04/17/12 | 7.0 | 1.3 | 7.1 | 1.1 | | | 6.2 | 1.9 | 14 | | 0.11 | 50 | 37 | 0 |
| 04/18/12 | 7.0 | 0.7 | 7.1 | 0.2 | | | 6.3 | 1.3 | 14 | | 0.19 | 57 | 43 | 0 |
| 04/19/12 | 7.0 | 1.3 | 7.0 | 1.0 | | | 6.2 | 0.6 | 15 | 0.88 | 0.31 | 57 | 41 | 0 |
| 04/20/12 | 7.0 | 1.8 | 7.1 | 1.0 | | | 6.2 | 0.5 | 15 | | 0.02 | 55 | 47 | 0 |
| 04/21/12 | 7.1 | 0.2 | 7.0 | 0.8 | | | 6.2 | 0.7 | 15 | | 0.00 | 76 | 46 | 0 |
| 04/22/12 | 7.0 | 1.0 | 7.0 | 0.5 | | | 6.1 | 0.5 | 15 | | 0.00 | 81 | 47 | 0 |
| 04/23/12 | 7.0 | 0.5 | 7.0 | 1.1 | | | 6.1 | 0.5 | 15 | | 0.00 | 79 | 53 | 0 |
| 04/24/12 | 7.0 | 0.5 | 7.0 | 0.8 | | | 6.2 | 0.6 | 15 | | 0.00 | 62 | 52 | 0 |
| 04/25/12 | 7.0 | 0.6 | 6.9 | 0.6 | | | 6.1 | 0.5 | 15 | | 0.18 | 66 | 52 | 0 |
| 04/26/12 | 7.1 | 0.4 | 7.0 | 0.4 | | | 6.1 | 0.4 | 15 | | 0.37 | 58 | 46 | 0 |
| 04/27/12 | 7.0 | 1.2 | 7.1 | 0.5 | | | 6.0 | 0.5 | 15 | | 0.07 | 57 | 43 | 0 |
| 04/28/12 | 7.0 | 1.0 | 7.0 | 0.6 | | | 6.0 | 0.5 | 15 | | 0.01 | 63 | 48 | 0 |
| 04/29/12 | 7.0 | 1.1 | 7.0 | 0.5 | | | 6.0 | 0.5 | 15 | | 0.08 | 64 | 50 | 0 |
| 04/30/12 | 6.6 | 0.6 | 7.2 | 0.6 | | | 6.0 | 0.5 | 15 | | 0.49 | 57 | 44 | 0 |
| TOTAL | | | | | | | | | | | 4.01 | | | 234000 |
| MIN | 6.6 | 0.2 | 6.8 | 0.2 | 0.0 | 0.0 | 6.0 | 0.2 | 12 | 0.49 | 0.00 | 46 | 33 | 0 |
| AVG | 7.0 | 0.8 | 7.0 | 0.8 | #DIV/0! | #DIV/0! | 6.3 | 1.2 | 15 | 0.95 | 0.13 | 61 | 43 | 7800 |
| MAX | 7.1 | 1.8 | 7.2 | 2.5 | 0.0 | 0.0 | 7.0 | 6.6 | 16 | 1.18 | 0.62 | 81 | 53 | 78000 |

PLANT EFFLUENT

| FREQUENCY | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | COMMENTS | | |
|-----------|----------------|-----------------|-------------|-------------|-------|-------|---------|-------|-------|-------|----------------|-------|-------|-------|----------|------|------|
| | CONT | 2WEEK | 1WEEK | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | DAILY | DAILY | 1/30 | 1/30 | | 1/30 | 1/30 |
| DATE | FLOW MGD | BOD-LAY LBS/DAY | TSS LBS/DAY | AMMONIA MGD | 2WEEK | 1WEEK | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 1/30 | 1/30 |
| 05/01/12 | 0.623 | 244 | 1268 | 280 | 1455 | 1455 | 0.494 | 12.3 | 5.5 | 98% | 51 | 23 | 12.50 | 51.29 | 1.33 | 1.89 | 76.0 |
| 05/02/12 | 0.626 | 233 | 1216 | 270 | 1410 | 1410 | 0.492 | 10.0 | 4.5 | 98% | 41 | 18 | 66 | 66 | 7.1 | 17 | |
| 05/03/12 | 0.677 | 198 | 1118 | 180 | 1016 | 1016 | 0.543 | 6.5 | 7.0 | 97% | 29 | 32 | 58 | 62 | 7.1 | 17 | |
| 05/04/12 | 0.611 | | | | | | 0.533 | | | | | | | | 7.1 | 17 | |
| 05/05/12 | 0.567 | | | | | | 0.471 | | | | | | | | 7.0 | 17 | |
| 05/06/12 | 0.567 | | | | | | 0.439 | | | | | | | | 6.9 | 17 | |
| 05/07/12 | 0.629 | | | | | | 0.487 | | | | | | | | 7.0 | 17 | |
| 05/08/12 | 0.589 | 232 | 1140 | 255 | 1253 | 1253 | 0.481 | 4.6 | 1.0 | 100% | 4 | 4 | | | 7.0 | 17 | |
| 05/09/12 | 0.583 | 194 | 943 | 320 | 1556 | 1556 | 0.472 | 3.6 | 1.3 | 100% | 4 | 5 | 28 | 0.22 | 0.87 | 7.0 | 17 |
| 05/10/12 | 0.587 | 217 | 1062 | 60 | 284 | 284 | 0.477 | 3.2 | 2.0 | 97% | 13 | 8 | 37 | 33 | 7.1 | 17 | |
| 05/11/12 | 0.570 | | | | | | 0.474 | | | | | | | | 7.0 | 17 | |
| 05/12/12 | 0.585 | | | | | | 0.454 | | | | | | | | 7.1 | 17 | |
| 05/13/12 | 0.557 | | | | | | 0.424 | | | | | | | | 6.9 | 17 | |
| 05/14/12 | 0.600 | | | | | | 0.468 | | | | | | | | 7.0 | 17 | |
| 05/15/12 | 0.587 | 298 | 1459 | 265 | 1297 | 1297 | 0.469 | 3.0 | 3.0 | 99% | 12 | 12 | | | 6.9 | 17 | |
| 05/16/12 | 0.545 | 269 | 1223 | 310 | 1409 | 1409 | 0.448 | 3.0 | 2.0 | 99% | 11 | 7 | 28 | 0.25 | 0.93 | 7.0 | 17 |
| 05/17/12 | 0.555 | 197 | 912 | 165 | 764 | 764 | 0.444 | 2.9 | 1.0 | 99% | 11 | 4 | 36 | 32 | 7.0 | 17 | |
| 05/18/12 | 0.527 | | | | | | 0.443 | | | | | | | | 6.9 | 17 | |
| 05/19/12 | 0.524 | | | | | | 0.423 | | | | | | | | 7.0 | 17 | |
| 05/20/12 | 0.511 | | | | | | 0.428 | | | | | | | | 7.0 | 17 | |
| 05/21/12 | 0.583 | | | | | | 0.491 | | | | | | | | 6.9 | 19 | |
| 05/22/12 | 0.595 | 236 | 1151 | 215 | 1049 | 1049 | 0.500 | 2.7 | 3.0 | 99% | 11 | 13 | | | 7.0 | 19 | |
| 05/23/12 | 0.548 | 248 | 1133 | 325 | 1485 | 1485 | 0.463 | 4.0 | 3.1 | 99% | 15 | 12 | 33 | 0.21 | 0.81 | 7.0 | 19 |
| 05/24/12 | 0.534 | 254 | 1131 | 220 | 980 | 980 | 0.459 | 3.1 | 3.5 | 99% | 12 | 13 | 37 | 35 | 6.9 | 19 | |
| 05/25/12 | 0.531 | | | | | | 0.452 | | | | | | | | 7.0 | 19 | |
| 05/26/12 | 0.510 | | | | | | 0.431 | | | | | | | | 6.9 | 19 | |
| 05/27/12 | 0.458 | | | | | | 0.379 | | | | | | | | 6.9 | 20 | |
| 05/28/12 | 0.563 | | | | | | 0.442 | | | | | | | | 6.9 | 20 | |
| 05/29/12 | 0.585 | 204 | 995 | 260 | 1269 | 1269 | 0.468 | 5.4 | 2.5 | 99% | 21 | 10 | | | 7.0 | 20 | |
| 05/30/12 | 0.535 | 271 | 1209 | 325 | 1450 | 1450 | 0.431 | 5.1 | 4.0 | 99% | 18 | 14 | 62 | 0.45 | 1.62 | 7.0 | 19 |
| 05/31/12 | 0.545 | 246 | 1118 | 210 | 955 | 955 | 0.448 | 3.8 | 5.0 | 98% | 14 | 19 | 33 | 48 | 7.0 | 19 | |
| TOTAL | 17.597 | | | | | | 14.328 | | | | 292 | 192 | | 55.52 | | | |
| MIN | 0.458 | | | | | | | | | | | | | | 6.9 | | |
| AVG | 0.588 | 236 | 551 | 244 | 569 | 569 | 0.462 | 4.9 | 3.2 | 99% | 9 | 6 | | 2.73 | 1.79 | 18 | 1.33 |
| MAX | 0.677 | 298 | 1459 | 325 | 1556 | 1556 | 0.543 | | 5.6 | | 40 | 24 | 62 | 12.50 | 51.29 | 20 | 2.38 |
| PERMIT | 2.0 MGD | 3107 | | | | | 2.0 MGD | 30 | | 98% | 476 | 711 | | | AVG | | |
| LIMITS | | | | | | | | | | | | | | | AVG | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title


 Signature

PLANT SUPERINTENDENT

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|----------|--------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN/FALL | MAX TEMP | MIN TEMP | | |
| 05/01/12 | 7.0 | 1.0 | 7.2 | 0.6 | | | 6.0 | 0.5 | 15 | | 0.21 | 53 | 42 | 0 | |
| 05/02/12 | 7.1 | 0.7 | 7.2 | 0.5 | | | 6 | 0.6 | 15 | | 0.08 | 56 | 42 | 0 | |
| 05/03/12 | 7.0 | 0.9 | 7.0 | 1.4 | | | 5.9 | 0.6 | 15 | | 0.58 | 59 | 46 | 0 | |
| 05/04/12 | 7.0 | 0.8 | 7.0 | 1.2 | | | 5.9 | 0.6 | 15 | | 0.23 | 53 | 42 | 0 | |
| 05/05/12 | 6.9 | 0.3 | 6.8 | 1.8 | | | 6.7 | 0.3 | 19 | | 0.00 | 56 | 41 | 0 | |
| 05/06/12 | 6.8 | 0.4 | 6.9 | 0.1 | | | 6.8 | 0.3 | 19 | | 0.00 | 67 | 40 | 0 | |
| 05/07/12 | 6.9 | 0.5 | 6.9 | 0.6 | | | 6.8 | 0.3 | 19 | | 0.00 | 80 | 43 | 0 | |
| 05/08/12 | 7.0 | 0.7 | 7.0 | 0.8 | | | 6.8 | 0.3 | 19 | | 0.00 | 70 | 48 | 0 | |
| 05/09/12 | 7.0 | 1.1 | 7.1 | 0.2 | | | 6.7 | 0.4 | 19 | | 0.00 | 60 | 40 | 0 | |
| 05/10/12 | 7.0 | 0.6 | 7.0 | 0.6 | | | 6.8 | 0.3 | 19 | | 0.00 | 61 | 34 | 0 | |
| 05/11/12 | 7.0 | 1.0 | 7.0 | 1.6 | | | 6.8 | 0.4 | 19 | | 0.00 | 72 | 37 | 0 | |
| 05/12/12 | 7.0 | 1.9 | 7.1 | 1.0 | | | 6.8 | 0.3 | 19 | | 0.00 | 84 | 43 | 0 | |
| 05/13/12 | 7.1 | 0.6 | 7.1 | 0.1 | | | 6.8 | 0.4 | 19 | 1.30 | 0.00 | 84 | 45 | 0 | |
| 05/14/12 | 6.9 | 0.3 | 6.9 | 0.1 | | | 6.7 | 0.3 | 20 | | 0.00 | 82 | 49 | 78000 | |
| 05/15/12 | 7.0 | 0.8 | 7.0 | 0.4 | | | 6.7 | 0.5 | 20 | | 0.00 | 76 | 48 | 78000 | |
| 05/16/12 | 6.9 | 0.5 | 6.9 | 0.2 | | | 6.8 | 0.4 | 20 | | 0.00 | 69 | 49 | 78000 | |
| 05/17/12 | 6.9 | 0.4 | 6.9 | 1.3 | | | 6.8 | 0.5 | 20 | | 0.00 | 66 | 42 | 0 | |
| 05/18/12 | 6.9 | 0.2 | 6.9 | 0.2 | | | 6.8 | 0.6 | 21 | | 0.00 | 65 | 43 | 0 | |
| 05/19/12 | 6.9 | 0.5 | 6.9 | 1.0 | | | 6.8 | 0.6 | 21 | | 0.00 | 70 | 39 | 0 | |
| 05/20/12 | 7.0 | 0.8 | 7.0 | 0.9 | | | 6.8 | 0.6 | 21 | | 0.19 | 61 | 54 | 0 | |
| 05/21/12 | 6.9 | 0.4 | 7.0 | 0.1 | | | 6.8 | 0.5 | 21 | | 0.43 | 63 | 54 | 0 | |
| 05/22/12 | 6.9 | 0.4 | 7.0 | 0.1 | | | 6.6 | 0.5 | 21 | | 0.21 | 60 | 50 | 0 | |
| 05/23/12 | 6.9 | 0.2 | 7.0 | 0.1 | | | 6.6 | 0.4 | 21 | | 0.10 | 61 | 49 | 0 | |
| 05/24/12 | 6.9 | 0.6 | 7.0 | 0.2 | | | 6.8 | 0.5 | 21 | | 0.19 | 59 | 48 | 0 | |
| 05/25/12 | 6.9 | 0.5 | 7.0 | 0.6 | | | 6.8 | 0.4 | 21 | | 0.08 | 72 | 45 | 0 | |
| 05/26/12 | 6.8 | 1.9 | 6.9 | 1.0 | | | 6.8 | 0.3 | 22 | | 0.01 | 68 | 51 | 0 | |
| 05/27/12 | 6.8 | 0.6 | 6.9 | 0.3 | | | 6.7 | 0.3 | 22 | | 0.00 | 64 | 52 | 0 | |
| 05/28/12 | 6.8 | 0.9 | 6.9 | 0.6 | | | 6.7 | 0.3 | 22 | | 0.00 | 61 | 50 | 0 | |
| 05/29/12 | 6.8 | 0.6 | 6.9 | 0.5 | | | 6.7 | 0.3 | 22 | | 0.00 | 66 | 46 | 0 | |
| 05/30/12 | 6.9 | 0.4 | 6.9 | 0.2 | | | 6.8 | 0.3 | 22 | | 0.00 | 72 | 51 | 0 | |
| 05/31/12 | 6.8 | 0.6 | 6.9 | 0.2 | | | 6.8 | 0.3 | 22 | | 0.05 | 67 | 56 | 0 | |
| TOTAL | | | | | | | | | | | 2.36 | | | 234000 | |
| MIN | 6.8 | 0.2 | 6.8 | 0.1 | | | 5.9 | 0.3 | 15 | 1.30 | 0.00 | 53 | 34 | 0 | |
| AVG | 6.9 | 0.7 | 7.0 | 0.6 | | | 6.7 | 0.4 | 20 | 1.30 | 0.08 | 66 | 46 | 7548 | |
| MAX | 7.1 | 1.9 | 7.2 | 1.8 | | | 6.8 | 0.6 | 22 | 1.30 | 0.58 | 84 | 56 | 78000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AERBIO) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|-------------------|-----|------|--------------|-----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 06/01/12 | 6.8 | 0.5 | 6.9 | 0.1 | | | 6.7 | 0.6 | 18 | | 0.05 | 72 | 58 | 0 |
| 06/02/12 | 6.9 | 1.7 | 6.9 | 0.4 | | | 7.0 | 0.7 | 18 | | 0.03 | 63 | 50 | 0 |
| 06/03/12 | 7.0 | 0.3 | 7.1 | 0.2 | | | 6.7 | 6.0 | 18 | | 0.00 | 63 | 48 | 0 |
| 06/04/12 | 7.0 | 0.5 | 7.0 | 0.9 | | | 6.7 | 0.5 | 18 | | 0.31 | 58 | 50 | 0 |
| 06/05/12 | 7.0 | 0.4 | 7.0 | 0.8 | | | 6.7 | 0.5 | 18 | | 0.50 | 62 | 45 | 0 |
| 06/06/12 | 7.0 | 0.6 | 7.0 | 0.7 | | | 6.7 | 0.5 | 18 | | 0.00 | 65 | 42 | 0 |
| 06/07/12 | 7.1 | 0.5 | 7.0 | 0.3 | | | 6.7 | 0.6 | 18 | | 0.46 | 64 | 51 | 0 |
| 06/08/12 | 7.1 | 0.6 | 7.0 | 0.4 | | | 6.7 | 0.6 | 18 | | 0.43 | 58 | 45 | 0 |
| 06/09/12 | 7.0 | 0.4 | 7.0 | 0.6 | | | 6.7 | 0.5 | 18 | | 0.00 | 64 | 45 | 0 |
| 06/10/12 | 7.1 | 0.5 | 7.0 | 0.5 | | | 6.7 | 0.6 | 18 | | 0.00 | 68 | 46 | 0 |
| 06/11/12 | 7.0 | 0.4 | 7.0 | 0.8 | | | 6.7 | 0.7 | 19 | | 0.01 | 75 | 47 | 0 |
| 06/12/12 | 7.1 | 0.7 | 7.0 | 0.6 | | | 6.7 | 0.3 | 20 | 0.42 | 0.14 | 64 | 54 | 0 |
| 06/13/12 | 7.0 | 0.4 | 7.0 | 0.7 | | | 6.7 | 0.5 | 20 | | 0.00 | 63 | 51 | 0 |
| 06/14/12 | 7.0 | 0.7 | 6.9 | 0.8 | | | 6.7 | 0.4 | 20 | | 0.00 | 64 | 46 | 0 |
| 06/15/12 | 6.9 | 0.6 | 7.1 | 0.7 | | | 6.8 | 0.3 | 21 | | 0.00 | 79 | 46 | 0 |
| 06/16/12 | 6.9 | 1.1 | 7.0 | 1.1 | | | 6.7 | 0.3 | 22 | | 0.01 | 82 | 56 | 0 |
| 06/17/12 | 6.9 | 0.4 | 6.9 | 1.5 | | | 6.6 | 0.4 | 22 | | 0.00 | 68 | 56 | 0 |
| 06/18/12 | 6.9 | 1.0 | 7.0 | 1.2 | | | 6.6 | 0.4 | 22 | | 0.25 | 61 | 52 | 0 |
| 06/19/12 | 6.9 | 0.5 | 7.0 | 0.8 | | | 6.7 | 0.4 | 22 | | 0.02 | 63 | 51 | 0 |
| 06/20/12 | 7.0 | 1.4 | 7.0 | 0.8 | | | 6.7 | 0.4 | 22 | | 0.01 | 83 | 47 | 0 |
| 06/21/12 | 7.0 | 0.5 | 7.0 | 0.7 | | | 6.7 | 0.5 | 22 | | 0.00 | 78 | 56 | 0 |
| 06/22/12 | 7.0 | 1.2 | 7.0 | 0.5 | | | 6.7 | 0.4 | 22 | | 0.10 | 65 | 57 | 0 |
| 06/23/12 | 7.0 | 1.1 | 7.1 | 0.2 | | | 6.7 | 0.5 | 22 | | 0.91 | 62 | 52 | 0 |
| 06/24/12 | 6.9 | 0.9 | 7.0 | 0.4 | | | 6.7 | 0.4 | 22 | | 0.07 | 68 | 51 | 0 |
| 06/25/12 | 7.0 | 1.0 | 7.0 | 0.4 | | | 6.7 | 0.5 | 22 | | 0.00 | 66 | 52 | 0 |
| 06/26/12 | 6.9 | 0.7 | 6.9 | 0.8 | | | 6.6 | 0.4 | 23 | | 0.22 | 64 | 51 | 0 |
| 06/27/12 | 6.9 | 0.6 | 7.0 | 0.8 | | | 6.7 | 0.5 | 23 | | 0.01 | 78 | 45 | 0 |
| 06/28/12 | 6.9 | 2.1 | 7.0 | 0.7 | | | 6.6 | 0.5 | 23 | | 0.01 | 73 | 49 | 0 |
| 06/29/12 | 6.9 | 1.0 | 7.0 | 0.7 | | | 6.6 | 0.5 | 23 | | 0.01 | 75 | 59 | 0 |
| 06/30/12 | 6.9 | 0.8 | 7.0 | 0.8 | | | 6.6 | 0.5 | 23 | | 0.29 | 71 | 59 | 0 |
| TOTAL | | | | | | | | | | | 3.84 | | | 0 |
| MIN | 6.8 | 0.3 | 6.9 | 0.1 | | | 6.6 | 0.3 | 18 | 0.42 | 0.00 | 58 | 42 | 0 |
| AVG | 7.0 | 0.8 | 7.0 | 0.7 | | | 6.7 | 0.7 | 21 | 0.42 | 0.13 | 68 | 51 | 0 |
| MAX | 7.1 | 2.1 | 7.1 | 1.5 | | | 7.0 | 6.0 | 23 | 0.42 | 0.91 | 83 | 59 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | |
|-----------|----------------|-----------------------------|-----------------------|-----------------------------|---------------------------|--------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | | 1WEEK | 2WEEK |
| DATE | FLOW MGD | BOD-5-DAY LIBRARY MGL | TSS LIBRARY MGL | BOD-5-DAY LIBRARY MGL | AMMONIA LIBRARY MGL | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK |
| 07/01/12 | 0.336 | | | | | 0.386 | | | | | | | | | | | | | | | | | |
| 07/02/12 | 0.578 | | | | | 0.446 | | | | | | | | | | | | | | | | | |
| 07/03/12 | 0.545 | 202 | 918 | 205 | 932 | 0.455 | 1.8 | 99% | 7 | 1.5 | 99% | 6 | 6 | | | | | | | | | | |
| 07/04/12 | 0.547 | 366 | 1670 | 340 | 1551 | 0.414 | 2.3 | 2.0 | 8 | 2.0 | 1.7 | 98% | 7 | 6 | 68 | | | | | | | | |
| 07/05/12 | 0.558 | 313 | 1457 | 290 | 1350 | 0.434 | 2.1 | | 8 | 1.5 | | 98% | 5 | 29 | 49 | 0.13 | 0.47 | 7.1 | 21 | 3.42 | 6.51 | 19.20 | 76.0 |
| 07/06/12 | 0.559 | | | | | 0.444 | | | | | | | | | | | | | | | | | |
| 07/07/12 | 0.478 | | | | | 0.425 | | | | | | | | | | | | | | | | | |
| 07/08/12 | 0.548 | | | | | 0.407 | | | | | | | | | | | | | | | | | |
| 07/09/12 | 0.573 | | | | | 0.454 | | | | | | | | | | | | | | | | | |
| 07/10/12 | 0.569 | 220 | 1081 | 260 | 1277 | 0.466 | 2.0 | | 8 | 1.5 | | 98% | 6 | | | | | | | | | | |
| 07/11/12 | 0.562 | 231 | 1121 | 300 | 1456 | 0.457 | 1.7 | 1.8 | 6 | 7 | 1.0 | 1.1 | 100% | 4 | 5 | 74 | 0.14 | 0.53 | 7.0 | 21 | | | |
| 07/12/12 | 0.474 | 329 | 1301 | 310 | 1225 | 0.433 | 1.9 | | 7 | 1.0 | | 100% | 4 | 32 | 53 | | | | | | | | |
| 07/13/12 | 0.532 | | | | | 0.446 | | | | | | | | | | | | | | | | | |
| 07/14/12 | 0.523 | | | | | 0.434 | | | | | | | | | | | | | | | | | |
| 07/15/12 | 0.486 | | | | | 0.407 | | | | | | | | | | | | | | | | | |
| 07/16/12 | 0.551 | | | | | 0.457 | | | | | | | | | | | | | | | | | |
| 07/17/12 | 0.494 | 223 | 919 | 185 | 762 | 0.419 | 1.7 | | 6 | 2.0 | | 98% | 7 | | | | | | | | | | |
| 07/18/12 | 0.484 | 230 | 928 | 170 | 686 | 0.402 | 2.0 | 1.8 | 7 | 3.5 | 2.5 | 98% | 12 | 9 | 24 | 0.16 | 0.54 | 7.1 | 22 | | | | |
| 07/19/12 | 0.542 | 234 | 1058 | 175 | 791 | 0.448 | 1.8 | | 7 | 2.0 | | 98% | 7 | 68 | 40 | | | | | | | | |
| 07/20/12 | 0.513 | | | | | 0.447 | | | | | | | | | | | | | | | | | |
| 07/21/12 | 0.478 | | | | | 0.396 | | | | | | | | | | | | | | | | | |
| 07/22/12 | 0.483 | | | | | 0.390 | | | | | | | | | | | | | | | | | |
| 07/23/12 | 0.534 | | | | | 0.445 | | | | | | | | | | | | | | | | | |
| 07/24/12 | 0.548 | 232 | 1060 | 185 | 891 | 0.458 | 2.1 | | 8 | 5.0 | | 97% | 18 | | | | | | | | | | |
| 07/25/12 | 0.515 | 258 | 1108 | 325 | 1396 | 0.437 | 2.2 | 2.2 | 8 | 1.5 | 2.7 | 100% | 5 | 10 | 75 | 0.16 | 0.58 | 7.0 | 22 | | | | |
| 07/26/12 | 0.545 | 249 | 1132 | 430 | 1654 | 0.462 | 2.2 | | 8 | 1.5 | | 100% | 6 | 70 | 73 | | | | | | | | |
| 07/27/12 | 0.514 | | | | | 0.440 | | | | | | | | | | | | | | | | | |
| 07/28/12 | 0.488 | | | | | 0.418 | | | | | | | | | | | | | | | | | |
| 07/29/12 | 0.471 | | | | | 0.389 | | | | | | | | | | | | | | | | | |
| 07/30/12 | 0.502 | | | | | 0.422 | | | | | | | | | | | | | | | | | |
| 07/31/12 | 0.520 | | | | | 0.445 | | | | | | | | | | | | | | | | | |
| TOTAL | 16,100 | | | | | 13,391 | | | 87 | | | | 88 | | | | | 2.12 | | 7.0 | | | |
| MIN | 0.335 | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.519 | 257 | 1146 | 265 | 1189 | 0.432 | 2.0 | | 7 | 2.0 | | 99% | 7 | 10 | 50 | 0.15 | 0.53 | 7.1 | 22 | 3.42 | 6.51 | 19.20 | 76.0 |
| MAX | 0.589 | 366 | 1670 | 430 | 1954 | 0.466 | 2.2 | | 8 | 2.7 | | 99% | 18 | 73 | 73 | 0.16 | 0.58 | 7.1 | 23 | | | | |
| PERMIT | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title


Signature

PLANT SUPERINTENDENT

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS | |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|--------------------------------|----------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN/FALL | MAX TEMP | | MIN TEMP |
| 07/01/12 | 6.9 | 0.8 | 7.0 | 0.8 | | | 6.6 | 0.5 | 23 | | 0.00 | 68 | 55 | 0 |
| 07/02/12 | 6.9 | 0.6 | 7.0 | 0.5 | | | 7 | 0.5 | 23 | | 0.02 | 70 | 54 | 0 |
| 07/03/12 | 6.9 | 0.9 | 7.0 | 0.6 | | | 6.6 | 0.5 | 23 | | 0.06 | 65 | 54 | 0 |
| 07/04/12 | 6.9 | 0.7 | 7.0 | 0.5 | | | 6.6 | 0.5 | 23 | | 0.00 | 81 | 46 | 0 |
| 07/05/12 | 7.0 | 0.4 | 7.0 | 0.7 | | | 6.6 | 0.6 | 23 | | 0.00 | 80 | 49 | 0 |
| 07/06/12 | 6.9 | 1.3 | 7.0 | 1.4 | | | 6.5 | 0.5 | 24 | | 0.00 | 79 | 54 | 0 |
| 07/07/12 | 6.9 | 0.7 | 6.9 | 1.3 | | | 6.6 | 0.4 | 25 | | 0.00 | 85 | 56 | 0 |
| 07/08/12 | 6.9 | 0.4 | 6.9 | 1.3 | | | 6.5 | 0.3 | 26 | | 0.00 | 84 | 58 | 0 |
| 07/09/12 | 6.9 | 2.2 | 7.0 | 1.3 | | | 6.5 | 0.4 | 25 | | 0.00 | 77 | 57 | 0 |
| 07/10/12 | 6.9 | 1.9 | 7.0 | 0.9 | | | 6.5 | 0.3 | 25 | | 0.00 | 82 | 55 | 0 |
| 07/11/12 | 7.0 | 0.4 | 7.0 | 1.0 | | | 6.9 | 0.1 | 26 | 1.35 | 0.00 | 84 | 59 | 0 |
| 07/12/12 | 7.0 | 1.4 | 7.0 | 1.0 | | | 6.9 | 0.3 | 27 | | 0.00 | 79 | 57 | 0 |
| 07/13/12 | 7.0 | 1.0 | 7.0 | 0.9 | | | 6.9 | 0.4 | 27 | | 0.00 | 77 | 58 | 0 |
| 07/14/12 | 7.0 | 1.1 | 7.0 | 0.9 | | | 6.9 | 0.4 | 27 | | 0.00 | 81 | 59 | 0 |
| 07/15/12 | 7.0 | 0.8 | 7.0 | 1.2 | | | 6.9 | 0.4 | 27 | | 0.00 | 70 | 57 | 0 |
| 07/16/12 | 7.0 | 1.0 | 7.0 | 0.9 | | | 6.9 | 0.4 | 27 | 1.48 | 0.00 | 79 | 53 | 78000 |
| 07/17/12 | 7.0 | 1.1 | 7.0 | 1.0 | | | 6.9 | 0.4 | 27 | | 0.00 | 81 | 61 | 78000 |
| 07/18/12 | 7.0 | 0.9 | 7.0 | 1.2 | | | 6.9 | 0.4 | 27 | | 0.00 | 70 | 61 | 78000 |
| 07/19/12 | 7.0 | 1.0 | 6.9 | 0.9 | | | 7.0 | 9.7 | 16 | | 0.05 | 79 | 61 | 0 |
| 07/20/12 | 7.0 | 1.1 | 6.9 | 0.9 | | | 7.0 | 9.2 | 16 | | 0.04 | 71 | 61 | 0 |
| 07/21/12 | 7.0 | 1.1 | 6.9 | 0.9 | | | 7.0 | 0.5 | 20 | | 0.00 | 79 | 61 | 0 |
| 07/22/12 | 7.0 | 0.8 | 6.9 | 1.0 | | | 7.0 | 0.5 | 20 | | 0.00 | 67 | 53 | 0 |
| 07/23/12 | 7.0 | 1.0 | 6.9 | 1.2 | | | 7.0 | 0.5 | 20 | | 0.00 | 68 | 51 | 0 |
| 07/24/12 | 7.0 | 0.9 | 6.9 | 0.7 | | | 6.8 | 0.5 | 20 | | 0.00 | 80 | 53 | 0 |
| 07/25/12 | 7.0 | 1.0 | 6.9 | 1.1 | | | 6.5 | 0.5 | 20 | | 0.00 | 84 | 56 | 0 |
| 07/26/12 | 7.0 | 0.1 | 6.9 | 2.4 | | | 6.0 | 0.4 | 20 | | 0.00 | 77 | 59 | 0 |
| 07/27/12 | 7.0 | 0.6 | 6.9 | 1.9 | | | 5.8 | 0.4 | 22 | | 0.00 | 72 | 58 | 0 |
| 07/28/12 | 6.9 | 0.9 | 6.9 | 0.1 | | | 5.7 | 0.4 | 23 | | 0.00 | 76 | 54 | 0 |
| 07/29/12 | 6.9 | 2.0 | 6.9 | 0.6 | | | 5.7 | 0.3 | 23 | | 0.00 | 73 | 57 | 0 |
| 07/30/12 | 7.0 | 1.7 | 6.9 | 0.1 | | | 5.8 | 0.4 | 23 | | 0.00 | 74 | 59 | 0 |
| 07/31/12 | 7.0 | 1.2 | 6.9 | 1.2 | | | 5.8 | 0.4 | 23 | | 0.00 | 75 | 53 | 0 |
| TOTAL | | | | | | | | | | | 0.17 | | | 234000 |
| MIN | 6.9 | 0.1 | 6.9 | 0.1 | | | 5.7 | 0.1 | 16 | 1.35 | 0.00 | 65 | 46 | 0 |
| AVG | 6.8 | 1.0 | 7.0 | 1.0 | | | 6.6 | 1.0 | 23 | 1.42 | 0.01 | 76 | 56 | 7648 |
| MAX | 6.9 | 2.2 | 7.0 | 2.4 | | | 7.0 | 9.7 | 27 | 1.48 | 0.06 | 85 | 61 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY DATE | PLANT INFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | | | | | | | | | | |
|----------------|----------------|--------------|------------|-------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|------------|------------|------------|------------|-------------|----------------|----------------|------|-------------|---------|----------------|------------------|----------|------|--|
| | CONT | 2/WEEK | 2/WEEK | 1/WEEK | CONT | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | DAILY | | DAILY | 1/30 | 1/30 | 1/30 | 1/30 | 1/30 | | | | | | |
| | FLOW MGD | BOD-5/LY MGD | TSS/LY MGD | AMMONIA MGD | FLOW MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | TSS/LY MGD | TSS/LY MGD | TSS/LY MGD | TSS/LY MGD | TSS/LY MGD | AMMONIA MGD | FECAL COLIFORM | FECAL COLIFORM | PH | TEMPERATURE | NITRATE | ORTHOPHOSPHATE | TOTAL PHOSPHORUS | HARDNESS | | |
| 08/01/12 | 0.533 | 265 | 1178 | 500 | 2223 | 0.446 | 2.3 | 99% | 9 | 1.5 | 100% | 6 | 37 | 0.13 | 0.50 | 7.1 | 23 | 4.29 | 0.13 | 45 | 53 | 7.0 | 23 | 4.29 | 7.94 | 14.40 | 91.2 | | |
| 08/02/12 | 0.524 | 171 | 747 | 105 | 458 | 0.458 | 2.5 | 98% | 10 | 2.0 | 98% | 8 | 7 | 0.15 | 0.50 | 7.0 | 23 | | 0.15 | 44 | 44 | 7.0 | 23 | | | | | | |
| 08/03/12 | 0.504 | | | | | 0.446 | | | | | | | | | | 7.1 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/04/12 | 0.462 | | | | | 0.403 | | | | | | | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/06/12 | 0.538 | | | | | 0.450 | | | | | | | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/07/12 | 0.514 | 308 | 1320 | 375 | 1608 | 0.445 | 2.4 | 99% | 9 | 3.0 | 99% | 11 | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/08/12 | 0.482 | 362 | 1536 | 375 | 1507 | 0.398 | 2.4 | 99% | 8 | 2.0 | 99% | 7 | 8 | 0.15 | 0.50 | 7.0 | 23 | | 0.15 | 50 | 56 | 7.1 | 23 | | | | | | |
| 08/09/12 | 0.529 | 228 | 1006 | 160 | 706 | 0.408 | 2.4 | 99% | 8 | 2.0 | 99% | 7 | | | | 7.1 | 23 | | | | | 7.1 | 23 | | | | | | |
| 08/10/12 | 0.509 | | | | | 0.442 | | | | | | | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/11/12 | 0.502 | | | | | 0.433 | | | | | | | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/12/12 | 0.495 | | | | | 0.426 | | | | | | | | | | 7.1 | 23 | | | | | 7.1 | 23 | | | | | | |
| 08/13/12 | 0.513 | | | | | 0.448 | | | | | | | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/14/12 | 0.527 | 295 | 1297 | 395 | 1796 | 0.461 | 2.7 | 99% | 10 | 2.0 | 99% | 8 | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/15/12 | 0.513 | 247 | 1057 | 165 | 706 | 0.449 | 2.2 | 98% | 8 | 2.5 | 98% | 9 | 8 | 0.12 | 0.45 | 7.1 | 23 | | 0.12 | 62 | 62 | 7.0 | 24 | | | | | | |
| 08/16/12 | 0.508 | 413 | 1750 | 390 | 1652 | 0.447 | 2.8 | 99% | 10 | 2.0 | 99% | 7 | 37 | 0.14 | 0.51 | 7.1 | 24 | | 0.14 | 50 | 37 | 7.0 | 24 | | | | | | |
| 08/17/12 | 0.493 | | | | | 0.445 | | | | | | | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/18/12 | 0.496 | | | | | 0.436 | | | | | | | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/19/12 | 0.476 | | | | | 0.401 | | | | | | | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/20/12 | 0.510 | | | | | 0.438 | | | | | | | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/21/12 | 0.522 | 287 | 1162 | 300 | 1306 | 0.446 | 2.6 | 99% | 10 | 1.5 | 100% | 6 | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/22/12 | 0.517 | 288 | 1242 | 190 | 819 | 0.440 | 2.7 | 99% | 10 | 1.5 | 99% | 6 | 7 | 0.14 | 0.51 | 7.1 | 24 | | 0.14 | 74 | 74 | 7.0 | 24 | | | | | | |
| 08/23/12 | 0.584 | 197 | 960 | 100 | 487 | 0.490 | 2.0 | 99% | 8 | 2.0 | 99% | 8 | 33 | 0.14 | 0.51 | 7.0 | 24 | | 0.14 | 54 | 33 | 7.0 | 24 | | | | | | |
| 08/24/12 | 0.450 | | | | | 0.424 | | | | | | | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/25/12 | 0.437 | | | | | 0.379 | | | | | | | | | | 7.1 | 23 | | | | | 7.1 | 23 | | | | | | |
| 08/26/12 | 0.490 | | | | | 0.393 | | | | | | | | | | 7.0 | 23 | | | | | 7.0 | 23 | | | | | | |
| 08/27/12 | 0.508 | | | | | 0.460 | | | | | | | | | | 7.1 | 24 | | | | | 7.1 | 24 | | | | | | |
| 08/28/12 | 0.503 | 377 | 1582 | 455 | 1909 | 0.448 | 3.8 | 99% | 14 | 3.0 | 99% | 11 | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| 08/29/12 | 0.486 | 246 | 997 | 285 | 1155 | 0.405 | 1.7 | 99% | 6 | 3.5 | 99% | 13 | 10 | 0.15 | 0.54 | 7.0 | 23 | | 0.15 | 40 | 40 | 7.0 | 23 | | | | | | |
| 08/30/12 | 0.490 | 255 | 1042 | 275 | 1124 | 0.438 | 1.8 | 99% | 7 | 2.0 | 99% | 7 | 70 | 0.15 | 0.54 | 7.1 | 24 | | 0.15 | 55 | 55 | 7.1 | 24 | | | | | | |
| 08/31/12 | 0.467 | | | | | 0.423 | | | | | | | | | | 7.0 | 24 | | | | | 7.0 | 24 | | | | | | |
| TOTAL | 15.571 | | | | | 13.454 | | | 127 | | | 113 | | | | 2.50 | | | | | | | | | | | | | |
| MIN | 0.437 | | | | | 0.434 | 2.5 | 99% | 9 | 2.2 | 99% | 8 | | | | 7.0 | | | 0.14 | | 49 | | 23 | | 4.29 | 7.94 | 14.40 | 91.2 | |
| AVG | 0.502 | 281 | 1205 | 291 | 1243 | 0.434 | 2.5 | 99% | 9 | 2.2 | 99% | 8 | | | | 7.0 | | | 0.14 | | 49 | | 23 | | 4.29 | 7.94 | 14.40 | 91.2 | |
| MAX | 0.584 | 413 | 1750 | 500 | 2223 | 0.490 | 2.6 | | | | 2.8 | | 10 | | | 7.1 | 24 | | 0.15 | | 55 | | 24 | | 7.94 | 14.40 | 91.2 | | |
| PERMIT | 2.0 MGD | | | | | 2.0 MGD | | | | | | | | | | 6.0 | | | | | | | | | | | | | |
| LIMITS | AVG | | | | | AVG | | | | | | | | | | AVG | | | | | | AVG | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

[Signature]
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,650 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SRR #1 | | SRR #2 | | SRR #3 | | DOBIETER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|----------|------------------------|--|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DEPOSED GALLONS | |
| 08/01/12 | 7.0 | 2.1 | 6.9 | 0.7 | | | 5.7 | 0.4 | 23 | | 0.00 | 74 | 56 | 0 | |
| 08/02/12 | 7.0 | 2.3 | 6.9 | 0.7 | | | 6 | 0.5 | 23 | | 0.00 | 74 | 56 | 0 | |
| 08/03/12 | 7.0 | 2.5 | 7.0 | 0.4 | | | 5.6 | 0.4 | 23 | | 0.00 | 88 | 55 | 0 | |
| 08/04/12 | 7.0 | 2.1 | 6.9 | 0.7 | | | 5.6 | 0.3 | 23 | | 0.00 | 98 | 56 | 0 | |
| 08/05/12 | 7.1 | 2.3 | 6.9 | 0.8 | | | 5.6 | 0.4 | 24 | | 0.00 | 92 | 58 | 0 | |
| 08/06/12 | 7.0 | 0.7 | 6.9 | 1.9 | | | 5.7 | 0.3 | 24 | | 0.00 | 86 | 63 | 0 | |
| 08/07/12 | 7.0 | 2.3 | 6.9 | 0.4 | | | 5.7 | 0.5 | 24 | | 0.00 | 74 | 61 | 0 | |
| 08/08/12 | 7.0 | 0.3 | 6.9 | 1.5 | | | 5.7 | 0.4 | 24 | | 0.00 | 75 | 60 | 0 | |
| 08/09/12 | 7.0 | 2.5 | 7.0 | 0.9 | | | 5.7 | 0.5 | 24 | | 0.00 | 79 | 52 | 0 | |
| 08/10/12 | 7.0 | 1.4 | 7.0 | 1.2 | | | 5.7 | 0.5 | 24 | | 0.00 | 79 | 58 | 0 | |
| 08/11/12 | 7.0 | 2.0 | 7.0 | 1.5 | | | 5.7 | 0.5 | 24 | | 0.00 | 85 | 53 | 0 | |
| 08/12/12 | 7.0 | 0.8 | 7.0 | 0.6 | | | 5.7 | 0.5 | 25 | | 0.00 | 93 | 56 | 0 | |
| 08/13/12 | 6.9 | 2.2 | 7.0 | 1.3 | | | 5.8 | 0.4 | 25 | | 0.00 | 87 | 59 | 0 | |
| 08/14/12 | 7.0 | 2.5 | 6.9 | 1.6 | | | 5.9 | 0.5 | 25 | | 0.00 | 84 | 58 | 0 | |
| 08/15/12 | 7.0 | 1.6 | 6.9 | 1.5 | | | 5.9 | 0.5 | 25 | | 0.00 | 92 | 59 | 0 | |
| 08/16/12 | 7.0 | 0.8 | 6.9 | 1.9 | | | 6.4 | 0.3 | 26 | 1.03 | 0.00 | 100 | 59 | 0 | |
| 08/17/12 | 7.0 | 2.0 | 6.9 | 0.9 | | | 6.4 | 0.2 | 26 | | 0.00 | 92 | 60 | 0 | |
| 08/18/12 | 7.0 | 0.4 | 7.0 | 2.4 | | | 6.6 | 0.1 | 26 | | 0.00 | 74 | 60 | 0 | |
| 08/19/12 | 7.1 | 0.3 | 7.0 | 1.0 | | | 6.7 | 0.1 | 26 | | 0.00 | 77 | 62 | 0 | |
| 08/20/12 | 7.0 | 2.6 | 7.0 | 1.7 | | | 6.6 | 0.2 | 26 | | 0.00 | 79 | 54 | 78000 | |
| 08/21/12 | 7.0 | 2.4 | 7.0 | 1.5 | | | 6.7 | 0.3 | 26 | | 0.00 | 75 | 59 | 78000 | |
| 08/22/12 | 7.1 | 1.8 | 6.9 | 1.7 | | | 6.7 | 0.4 | 26 | | 0.00 | 73 | 52 | 78000 | |
| 08/23/12 | 7.0 | 1.4 | 7.0 | 1.2 | | | 6.6 | 0.5 | 26 | | 0.00 | 72 | 52 | 0 | |
| 08/24/12 | 7.0 | 2.4 | 7.0 | 0.3 | | | 6.7 | 0.6 | 26 | | 0.00 | 76 | 47 | 0 | |
| 08/25/12 | 7.0 | 2.1 | 7.0 | 0.1 | | | 6.7 | 0.5 | 26 | | 0.00 | 83 | 47 | 0 | |
| 08/26/12 | 7.1 | 0.4 | 7.0 | 1.8 | | | 6.7 | 0.5 | 26 | | 0.00 | 73 | 52 | 0 | |
| 08/27/12 | 7.0 | 1.0 | 6.9 | 0.9 | | | 6.8 | 0.6 | 26 | | 0.00 | 77 | 50 | 0 | |
| 08/28/12 | 7.0 | 1.1 | 7.0 | 1.3 | | | 6.7 | 0.5 | 26 | | 0.00 | 76 | 55 | 0 | |
| 08/29/12 | 7.1 | 1.4 | 7.0 | 1.3 | | | 6.7 | 0.6 | 26 | | 0.00 | 74 | 53 | 0 | |
| 08/30/12 | 7.0 | 1.1 | 7.0 | 1.3 | | | 6.7 | 0.6 | 26 | | 0.00 | 77 | 49 | 0 | |
| 08/31/12 | 7.0 | 1.0 | 7.0 | 1.3 | | | 6.7 | 0.6 | 26 | | 0.00 | 74 | 53 | 0 | |
| TOTAL | | | | | | | | | | | 0.00 | | | 234000 | |
| MIN | 6.9 | 0.3 | 6.9 | 0.1 | | | 5.6 | 0.1 | 23 | 1.03 | 0.00 | 72 | 47 | 0 | |
| AVG | 7.0 | 1.6 | 7.0 | 1.2 | | | 6.2 | 0.4 | 25 | 1.03 | 0.00 | 81 | 56 | 7548 | |
| MAX | 7.1 | 2.6 | 7.0 | 2.4 | | | 6.8 | 0.6 | 26 | 1.03 | 0.00 | 100 | 63 | 78000 | |

CITY OF WOODLAND WWP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | | | | | |
|-----------|----------------|---------------|-------------|-----------------|--------------------|-----------------|---------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|------|-----|-----|--|
| | CONT | 2WEEK | 1WEEK | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | | 2WEEK | 1WEEK | 2WEEK | | | | | | | |
| DATE | FLOW MGD | BOD-5 MG/L | TSS MG/L | AMMONIA MG/L | PHOSPHORUS MG/L | AMMONIA MG/L | BOD-5 MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | | | | | | |
| 09/01/12 | 0.445 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/02/12 | 0.401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/03/12 | 0.509 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/04/12 | 0.521 | 255 | 1108 | 280 | 1217 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/05/12 | 0.507 | 174 | 736 | 185 | 782 | 31.80 | 0.443 | 1.8 | 1.7 | 99% | 6 | 6 | 2.0 | 2.0 | 99% | 7 | 7 | 39 | 39 | 0.17 | 0.63 | 7.0 | 24 | 3.99 | 2.54 | 2.70 | 96.8 | | | | |
| 09/06/12 | 0.496 | 269 | 1113 | 275 | 1138 | | 0.422 | 1.8 | | 99% | 6 | | 1.0 | | 100% | 4 | | 33 | 36 | | | | | | | | | | | | |
| 09/07/12 | 0.476 | | | | | | 0.422 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/08/12 | 0.467 | | | | | | 0.405 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/09/12 | 0.476 | | | | | | 0.383 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/10/12 | 0.528 | | | | | | 0.456 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/11/12 | 0.507 | 258 | 1081 | 315 | 1332 | | 0.444 | 1.8 | | 99% | 7 | | 2.0 | | 99% | 7 | | | | | | | | | | | | | | | |
| 09/12/12 | 0.535 | 214 | 985 | 210 | 937 | 33.30 | 0.465 | 1.4 | 1.5 | 99% | 5 | 6 | 1.0 | 1.3 | 100% | 4 | 5 | 40 | | 0.15 | 0.58 | 7.0 | 23 | | | | | | | | |
| 09/13/12 | 0.511 | 250 | 1065 | 300 | 1279 | | 0.434 | 1.5 | | 99% | 5 | | 1.0 | | 100% | 4 | | 50 | 45 | | | | | | | | | | | | |
| 09/14/12 | 0.513 | | | | | | 0.462 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/15/12 | 0.501 | | | | | | 0.435 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/16/12 | 0.484 | | | | | | 0.409 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/17/12 | 0.523 | | | | | | 0.453 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/18/12 | 0.504 | 252 | 1059 | 335 | 1408 | | 0.441 | 1.6 | | 99% | 6 | | 1.0 | | 100% | 4 | | | | | | | | | | | | | | | |
| 09/19/12 | 0.515 | 159 | 683 | 130 | 558 | 32.80 | 0.443 | 1.4 | 2.3 | 89% | 5 | 9 | 1.0 | 1.5 | 99% | 4 | 9 | 28 | | 0.21 | 0.78 | 6.9 | 23 | | | | | | | | |
| 09/20/12 | 0.527 | 296 | 1301 | 370 | 1626 | | 0.451 | 4.0 | | 99% | 15 | | 2.5 | | 99% | 9 | | 38 | 34 | | | | | | | | | | | | |
| 09/21/12 | 0.483 | | | | | | 0.434 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/22/12 | 0.461 | | | | | | 0.402 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/23/12 | 0.477 | | | | | | 0.386 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/24/12 | 0.516 | | | | | | 0.436 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/25/12 | 0.513 | 194 | 830 | 140 | 599 | | 0.418 | 1.8 | | 99% | 6 | | 1.0 | | 99% | 3 | | | | | | | | | | | | | | | |
| 09/26/12 | 0.518 | 258 | 1117 | 390 | 1688 | 32.40 | 0.446 | 1.5 | 1.7 | 99% | 6 | 6 | 1.0 | 1.3 | 100% | 4 | 5 | 35 | | 0.14 | 0.52 | 6.9 | 23 | | | | | | | | |
| 09/27/12 | 0.482 | 310 | 1272 | 315 | 1293 | | 0.410 | 1.9 | | 99% | 6 | | 2.0 | | 99% | 7 | | 62 | 49 | | | | | | | | | | | | |
| 09/28/12 | 0.472 | | | | | | 0.417 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/29/12 | 0.456 | | | | | | 0.384 | | | | | | | | | | | | | | | | | | | | | | | | |
| 09/30/12 | 0.468 | | | | | | 0.373 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14.803 | | | | | | 12.688 | | | | 81 | | | | | 68 | | | | | 2.51 | | | | | | | | | | |
| MIN | 0.401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.493 | 241 | 1027 | 270 | 1155 | 32.53 | 0.423 | 1.8 | | 99% | 7 | | 1.5 | | 99% | 6 | | 40 | | 0.17 | 0.63 | 7.0 | 23 | | 3.99 | 2.54 | 2.70 | 96.8 | | | |
| MAX | 0.535 | 310 | 1301 | 390 | 1688 | 33.30 | 0.465 | 2.3 | | | | 9 | | 2.0 | | | | 49 | | 0.21 | 0.78 | 7.1 | 24 | | | | | | | | |
| PERMIT | 2.0 BOD | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | |
| LIMITS | AVG | 3107 | 3107 | 3160 | 3160 | 3160 | 30 | 30 | 30 | 85% | 466 | 700 | 30 | 30 | 85% | 475 | 711 | 200 | 400 | 400 | 2.51 | | 6.9 | 6.9 | 2.54 | 2.70 | 96.8 | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT


Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR#1 | | SBR#2 | | SBR#3 | | DOBSTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DEPOSED GALLONS |
|----------|-------|-----|-------|-----|-------|----|-------------------|-----|------|--------------|-----------|----------|----------|-------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 09/01/12 | 7.0 | 1.0 | 7.0 | 1.3 | | | 6.3 | 5.7 | 21 | | 0.00 | 74 | 49 | 0 |
| 09/02/12 | 7.0 | 0.8 | 7.0 | 1.0 | | | 6.3 | 5.5 | 21 | | 0.00 | 75 | 46 | 0 |
| 09/03/12 | 7.0 | 1.2 | 7.0 | 1.5 | | | 6.3 | 5.5 | 21 | | 0.00 | 78 | 50 | 0 |
| 09/04/12 | 6.9 | 1.0 | 6.9 | 1.0 | | | 6.3 | 5.0 | 21 | | 0.00 | 82 | 51 | 0 |
| 09/05/12 | 7.0 | 1.4 | 7.0 | 1.2 | | | 5.8 | 0.5 | 22 | | 0.00 | 85 | 51 | 0 |
| 09/06/12 | 6.9 | 0.7 | 6.9 | 1.0 | | | 5.8 | 0.5 | 22 | | 0.00 | 87 | 52 | 0 |
| 09/07/12 | 7.0 | 1.2 | 7.0 | 1.4 | | | 5.8 | 0.5 | 22 | | 0.00 | 95 | 52 | 0 |
| 09/08/12 | 6.9 | 1.3 | 7.0 | 2.2 | | | 5.8 | 0.8 | 23 | | 0.00 | 77 | 57 | 0 |
| 09/09/12 | 7.0 | 0.3 | 7.0 | 3.1 | | | 5.8 | 0.4 | 23 | | 0.00 | 68 | 56 | 0 |
| 09/10/12 | 7.0 | 0.6 | 7.0 | 0.3 | | | 5.8 | 0.6 | 23 | | 0.09 | 67 | 50 | 0 |
| 09/11/12 | 7.1 | 0.7 | 7.0 | 1.4 | | | 5.8 | 0.7 | 23 | | 0.01 | 71 | 42 | 0 |
| 09/12/12 | 7.0 | 1.5 | 7.0 | 1.3 | | | 5.9 | 0.4 | 23 | | 0.00 | 83 | 44 | 0 |
| 09/13/12 | 7.0 | 1.0 | 7.0 | 1.2 | | | 5.9 | 0.4 | 23 | | 0.00 | 88 | 53 | 0 |
| 09/14/12 | 7.0 | 0.8 | 7.0 | 1.0 | | | 5.9 | 0.4 | 23 | | 0.00 | 86 | 50 | 0 |
| 09/15/12 | 7.0 | 2.4 | 6.9 | 0.6 | | | 5.9 | 0.6 | 23 | | 0.00 | 78 | 52 | 0 |
| 09/16/12 | 7.0 | 1.8 | 7.0 | 0.6 | | | 5.8 | 0.3 | 24 | 0.81 | 0.00 | 80 | 46 | 0 |
| 09/17/12 | 7.0 | 0.5 | 7.0 | 0.6 | | | 5.8 | 0.5 | 24 | | 0.00 | 89 | 49 | 0 |
| 09/18/12 | 6.9 | 0.9 | 6.9 | 1.8 | | | 5.8 | 0.6 | 24 | | 0.00 | 82 | 50 | 0 |
| 09/19/12 | 6.8 | 0.8 | 6.8 | 1.1 | | | 5.8 | 0.6 | 24 | | 0.00 | 70 | 53 | 0 |
| 09/20/12 | 6.9 | 0.8 | 6.8 | 0.3 | | | 5.8 | 0.5 | 24 | | 0.00 | 63 | 54 | 0 |
| 09/21/12 | 6.9 | 1.2 | 6.8 | 0.4 | | | 6.9 | 0.4 | 25 | | 0.00 | 64 | 58 | 0 |
| 09/22/12 | 6.9 | 1.0 | 6.8 | 0.6 | | | 6.9 | 0.4 | 25 | | 0.00 | 71 | 51 | 0 |
| 09/23/12 | 7.0 | 1.1 | 6.8 | 0.6 | | | 6.9 | 0.5 | 25 | | 0.00 | 71 | 46 | 0 |
| 09/24/12 | 6.8 | 1.1 | 6.8 | 1.4 | | | 6.5 | 0.6 | 24 | | 0.00 | 72 | 48 | 0 |
| 09/25/12 | 6.8 | 0.9 | 6.8 | 1.2 | | | 6.6 | 0.5 | 24 | | 0.00 | 69 | 54 | 0 |
| 09/26/12 | 6.9 | 0.9 | 6.8 | 0.7 | | | 7.2 | 0.5 | 23 | | 0.00 | 72 | 44 | 0 |
| 09/27/12 | 6.9 | 1.5 | 6.9 | 2.6 | | | 6.8 | 0.7 | 24 | | 0.00 | 78 | 48 | 0 |
| 09/28/12 | 6.7 | 0.8 | 6.8 | 0.6 | | | 7.3 | 0.6 | 24 | | 0.00 | 82 | 57 | 0 |
| 09/29/12 | 6.7 | 0.5 | 6.8 | 2.2 | | | 7.3 | 0.5 | 24 | | 0.00 | 72 | 56 | 0 |
| 09/30/12 | 6.7 | 0.4 | 6.8 | 3.1 | | | 7.3 | 0.4 | 25 | | 0.00 | 74 | 44 | 0 |
| TOTAL | | | | | | | | | | | 0.10 | | | 0 |
| MIN | 6.7 | 0.3 | 6.8 | 0.3 | | | 5.8 | 0.3 | 21 | 0.81 | 0.00 | 63 | 42 | 0 |
| AVG | 6.9 | 1.0 | 6.9 | 1.2 | | | 6.3 | 1.2 | 23 | 0.81 | 0.00 | 77 | 50 | 0 |
| MAX | 7.1 | 2.4 | 7.0 | 3.1 | | | 7.3 | 5.7 | 25 | 0.81 | 0.09 | 95 | 58 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | |
|-----------|----------------|---------------|---------|-------------|-------|-------------|--------|-------|-------|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|--|
| | CONT | 2WEEK | 1WEEK | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | | 2WEEK | 1WEEK | 2WEEK | | |
| DATE | FLOW MGD | BOD-5 DAY MGD | TSS MGD | AMMONIA MGD | PH | TEMPERATURE | SRP | COU | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | CHL | | |
| 10/01/12 | 0.534 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/02/12 | 0.507 | 256 | 1082 | 430 | 1818 | | 0.438 | 0.422 | 1.9 | 99% | 7 | 3.0 | | | | | | | | | | | | | | |
| 10/03/12 | 0.500 | 209 | 872 | 195 | 813 | 34.80 | 0.424 | 1.9 | 1.9 | 99% | 7 | 1.0 | 1.7 | 99% | 4 | 6 | 58 | 0.10 | 0.35 | 6.9 | 23 | 3.85 | 6.04 | 14.40 | 104.0 | |
| 10/04/12 | 0.499 | 422 | 1756 | 485 | 2018 | | 0.409 | 2.0 | | 100% | 7 | 1.0 | | | | | | | | | | | | | | |
| 10/05/12 | 0.464 | | | | | | 0.412 | | | | | | | | | | | | | | | | | | | |
| 10/06/12 | 0.469 | | | | | | 0.397 | | | | | | | | | | | | | | | | | | | |
| 10/07/12 | 0.456 | | | | | | 0.368 | | | | | | | | | | | | | | | | | | | |
| 10/08/12 | 0.507 | | | | | | 0.416 | | | | | | | | | | | | | | | | | | | |
| 10/09/12 | 0.483 | 348 | 1402 | 340 | 1370 | | 0.408 | 1.7 | | 100% | 6 | 1.0 | | | | | | | | | | | | | | |
| 10/10/12 | 0.519 | 344 | 1489 | 375 | 1623 | 39.50 | 0.432 | 2.1 | 1.9 | 99% | 8 | 1.0 | 1.0 | 100% | 4 | 4 | 40 | 0.12 | 0.43 | 6.9 | 22 | | | | | |
| 10/11/12 | 0.501 | 358 | 1496 | 365 | 1525 | | 0.429 | 2.0 | | 99% | 7 | 1.0 | | | | | | | | | | | | | | |
| 10/12/12 | 0.530 | | | | | | 0.487 | | | | | | | | | | | | | | | | | | | |
| 10/13/12 | 0.519 | | | | | | 0.439 | | | | | | | | | | | | | | | | | | | |
| 10/14/12 | 0.515 | | | | | | 0.422 | | | | | | | | | | | | | | | | | | | |
| 10/15/12 | 0.569 | | | | | | 0.471 | | | | | | | | | | | | | | | | | | | |
| 10/16/12 | 0.528 | 323 | 1422 | 615 | 2708 | | 0.460 | 2.2 | | 99% | 8 | 1.0 | | | | | | | | | | | | | | |
| 10/17/12 | 0.523 | 234 | 1021 | 245 | 1069 | 33.20 | 0.445 | 1.6 | 1.9 | 99% | 6 | 1.0 | 1.0 | 100% | 4 | 4 | 35 | 0.15 | 0.56 | 7.0 | 22 | | | | | |
| 10/18/12 | 0.518 | 261 | 1128 | 255 | 1102 | | 0.455 | 2.0 | | 99% | 8 | 1.0 | | | | | | | | | | | | | | |
| 10/19/12 | 0.541 | | | | | | 0.472 | | | | | | | | | | | | | | | | | | | |
| 10/20/12 | 0.526 | | | | | | 0.455 | | | | | | | | | | | | | | | | | | | |
| 10/21/12 | 0.502 | | | | | | 0.408 | | | | | | | | | | | | | | | | | | | |
| 10/22/12 | 0.571 | | | | | | 0.484 | | | | | | | | | | | | | | | | | | | |
| 10/23/12 | 0.574 | 219 | 1048 | 235 | 1125 | | 0.473 | 1.8 | | 99% | 7 | 1.0 | | | | | | | | | | | | | | |
| 10/24/12 | 0.571 | 195 | 929 | 220 | 1048 | 32.80 | 0.483 | 1.9 | 1.8 | 99% | 8 | 2.0 | 1.3 | 99% | 8 | 5 | 74 | 0.18 | 0.73 | 7.0 | 21 | | | | | |
| 10/25/12 | 0.525 | 170 | 744 | 125 | 547 | | 0.453 | 1.7 | | 99% | 6 | 1.0 | | | | | | | | | | | | | | |
| 10/26/12 | 0.521 | | | | | | 0.453 | | | | | | | | | | | | | | | | | | | |
| 10/27/12 | 0.596 | | | | | | 0.495 | | | | | | | | | | | | | | | | | | | |
| 10/28/12 | 0.576 | | | | | | 0.480 | | | | | | | | | | | | | | | | | | | |
| 10/29/12 | 0.496 | 276 | 1142 | 400 | 1655 | | 0.500 | 2.2 | | 99% | 9 | 1.0 | | | | | | | | | | | | | | |
| 10/30/12 | 0.585 | 228 | 1112 | 280 | 1269 | | 0.503 | 1.6 | 2.0 | 99% | 7 | 1.0 | 1.0 | 100% | 4 | 33 | | | | | | | | | | |
| 10/31/12 | 0.513 | 311 | 1331 | 400 | 1711 | 33.10 | 0.498 | 2.2 | | 99% | 9 | 1.0 | | | | | | | | | | | | | | |
| TOTAL | 16.238 | | | | | | 13.891 | | | | 109 | | | | 68 | | | | 2.57 | | | | | | | |
| MIN | 0.456 | | | | | | | | | | | | | | | | | | | 6.9 | | | | | | |
| AVG | 0.524 | 277 | 1198 | 330 | 1427 | 34.68 | 0.448 | 1.9 | | 99% | 7 | 1.2 | | | 5 | | 50 | 0.13 | 0.51 | | 22 | 3.85 | 6.04 | 14.40 | 104.0 | |
| MAX | 0.596 | 422 | 1756 | 615 | 2708 | 39.50 | 0.503 | | | | 7 | 1.7 | | | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

Mark Morgan
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT (DISPOSED GALLONS) |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|----------|----------------------------------|
| | PH | DO | PH | DO | PH | DC | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 10/01/12 | 6.7 | 0.5 | 6.8 | 2.0 | | | 7.3 | 0.5 | 25 | | 0.00 | 82 | 47 | 0 |
| 10/02/12 | 6.8 | 0.5 | 6.8 | 1.5 | | | 7.2 | 0.5 | 25 | | 0.00 | 66 | 51 | 0 |
| 10/03/12 | 6.7 | 1.9 | 6.8 | 1.9 | | | 7.3 | 0.6 | 25 | 1.26 | 0.00 | 72 | 42 | 78000 |
| 10/04/12 | 6.7 | 0.4 | 6.8 | 2.7 | | | 7.3 | 0.5 | 25 | | 0.00 | 73 | 40 | 78000 |
| 10/05/12 | 6.7 | 0.4 | 6.8 | 2.4 | | | 7.3 | 0.5 | 25 | | 0.00 | 74 | 38 | 78000 |
| 10/06/12 | 6.7 | 0.5 | 6.8 | 3.2 | | | 7.2 | 0.6 | 25 | | 0.00 | 77 | 40 | 0 |
| 10/07/12 | 6.7 | 0.9 | 6.8 | 2.9 | | | 7.3 | 0.5 | 25 | | 0.00 | 79 | 39 | 0 |
| 10/08/12 | 6.7 | 0.5 | 6.8 | 2.9 | | | 7.2 | 0.6 | 25 | | 0.00 | 71 | 40 | 0 |
| 10/09/12 | 6.8 | 1.3 | 6.8 | 1.3 | | | 6.8 | 7.0 | 18 | | 0.00 | 67 | 41 | 0 |
| 10/10/12 | 6.8 | 0.7 | 6.8 | 0.7 | | | 6.8 | 5.3 | 18 | | 0.01 | 59 | 44 | 0 |
| 10/11/12 | 6.8 | 1.0 | 6.8 | 0.7 | | | 6.8 | 4.1 | 19 | | 0.00 | 67 | 42 | 0 |
| 10/12/12 | 6.8 | 0.8 | 6.8 | 1.6 | | | 6.8 | 3.7 | 19 | | 0.00 | 54 | 44 | 0 |
| 10/13/12 | 6.8 | 2.8 | 6.8 | 0.7 | | | 6.8 | 3.0 | 19 | | 0.15 | 61 | 54 | 0 |
| 10/14/12 | 6.9 | 1.5 | 6.8 | 0.1 | | | 6.7 | 2.2 | 19 | | 0.35 | 64 | 58 | 0 |
| 10/15/12 | 6.8 | 1.1 | 6.7 | 1.3 | | | 6.8 | 2.6 | 20 | | 0.38 | 64 | 58 | 0 |
| 10/16/12 | 6.8 | 0.4 | 6.7 | 0.1 | | | 6.8 | 2.5 | 21 | | 0.07 | 62 | 46 | 0 |
| 10/17/12 | 6.8 | 1.3 | 6.7 | 0.7 | | | 6.8 | 2.2 | 21 | | 0.01 | 61 | 45 | 0 |
| 10/18/12 | 6.9 | 0.4 | 6.7 | 0.3 | | | 6.8 | 2.0 | 21 | | 0.15 | 67 | 41 | 0 |
| 10/19/12 | 6.8 | 1.8 | 6.7 | 1.0 | | | 6.8 | 2.1 | 22 | | 0.31 | 57 | 51 | 0 |
| 10/20/12 | 6.8 | 0.4 | 6.7 | 0.2 | | | 6.4 | 1.1 | 21 | | 0.27 | 54 | 43 | 0 |
| 10/21/12 | 6.8 | 2.1 | 6.7 | 0.6 | | | 6.3 | 0.9 | 21 | | 0.17 | 55 | 43 | 0 |
| 10/22/12 | 6.8 | 1.8 | 6.7 | 0.5 | | | 6.3 | 0.9 | 21 | | 0.37 | 46 | 42 | 0 |
| 10/23/12 | 6.8 | 1.8 | 6.7 | 0.6 | | | 6.3 | 0.9 | 21 | | 0.21 | 51 | 44 | 0 |
| 10/24/12 | 6.8 | 0.4 | 6.7 | 0.3 | | | 5.7 | 0.8 | 21 | | 0.30 | 52 | 44 | 0 |
| 10/25/12 | 6.8 | 0.6 | 6.7 | 0.5 | | | 6.8 | 0.7 | 21 | | 0.01 | 54 | 43 | 0 |
| 10/26/12 | 6.8 | 1.4 | 6.7 | 0.7 | | | 6.8 | 0.9 | 21 | | 0.04 | 52 | 44 | 0 |
| 10/27/12 | 6.8 | 1.5 | 6.7 | 0.6 | | | 6.7 | 0.6 | 21 | | 0.78 | 59 | 49 | 0 |
| 10/28/12 | 6.8 | 1.0 | 6.8 | 0.5 | | | 6.7 | 0.7 | 21 | | 0.51 | 61 | 53 | 0 |
| 10/29/12 | 6.7 | 1.9 | 6.7 | 0.1 | | | 6.7 | 0.7 | 21 | | 0.44 | 67 | 56 | 0 |
| 10/30/12 | 6.6 | 1.9 | 6.7 | 1.4 | | | 6.6 | 0.5 | 21 | | 0.65 | 61 | 56 | 0 |
| 10/31/12 | 6.6 | 0.8 | 6.7 | 1.3 | | | 6.6 | 0.5 | 21 | | 0.40 | 59 | 54 | 0 |
| TOTAL | | | | | | | | | | | 6.44 | | | 234000 |
| MIN | 6.6 | 0.4 | 6.7 | 0.1 | | | 5.7 | 0.5 | 18 | 1.26 | 0.00 | 49 | 38 | 0 |
| AVG | 6.8 | 1.1 | 6.7 | 1.1 | | | 6.8 | 1.6 | 22 | 1.26 | 0.21 | 63 | 46 | 7548 |
| MAX | 6.9 | 2.8 | 6.8 | 3.2 | | | 7.3 | 7.0 | 25 | 1.26 | 0.86 | 82 | 58 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT EFFLUENT | | | | | | | | | | | | COMMENTS | | | | | | | | | | |
|-----------|----------------|-------------|------------|-------------|--------|--------------|-------------|--------------|----------------|--------------|---------|---------|----------|-------------|-------------|-------------------|-------|---------------------|---------------------|----------------------|--------------|-----|----|
| | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | | 2WEEK | | | | | | | | | |
| DATE | FLOW MGD | BOD5-LB/DAY | TSS-LB/DAY | AMMONIA MGL | CONC | BOD5-DAY MGL | TSS-DAY MGL | TSS% REMOVAL | BOD5-% REMOVAL | LBS BOD5-DAY | TSS MGL | TSS MGL | TSS MGL | AMMONIA MGL | PH STANDARD | DAILY TEMPERATURE | DAILY | NITRATE-NITRITE MGL | ORTHOPHOSPHORUS MGL | TOTAL PHOSPHORUS MGL | HARDNESS MGL | | |
| 11/01/12 | 0.487 | | | | 0.485 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/02/12 | 0.465 | | | | 0.455 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/03/12 | 0.530 | | | | 0.450 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/04/12 | 0.536 | | | | 0.449 | | | | | | | | | | 6.9 | 21 | | | | | | | |
| 11/05/12 | 0.464 | | | | 0.463 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/06/12 | 0.511 | 418 | 1781 | 380 | 1619 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/07/12 | 0.546 | 203 | 924 | 195 | 888 | 35.10 | 0.490 | 3.0 | 2.8 | 99% | 12 | 11 | 2.5 | 1.8 | 99% | 10 | 7 | 54 | 0.23 | 0.94 | 6.9 | 21 | |
| 11/08/12 | 0.460 | 286 | 1087 | 380 | 1458 | | 0.487 | 2.4 | 2.4 | 99% | 10 | 6 | 1.5 | | 100% | 6 | 36 | 45 | | | | | |
| 11/09/12 | 0.513 | | | | 0.452 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/10/12 | 0.523 | | | | 0.436 | | | | | | | | | | 7.0 | 20 | | | | | | | |
| 11/11/12 | 0.521 | | | | 0.437 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/12/12 | 0.537 | | | | 0.488 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/13/12 | 0.527 | 155 | 681 | 100 | 440 | | 0.479 | 2.7 | | 98% | 11 | 4 | 1.0 | | 98% | 4 | | | | | | | |
| 11/14/12 | 0.470 | 280 | 1098 | 370 | 1450 | 33.20 | 0.470 | 1.6 | 2.0 | 99% | 6 | 8 | 1.0 | 1.0 | 100% | 4 | 4 | 13 | 0.25 | 0.98 | 7.0 | 21 | |
| 11/15/12 | 0.442 | 191 | 704 | 225 | 829 | | 0.456 | 1.8 | | 99% | 7 | 4 | 1.0 | | 100% | 4 | 32 | 25 | | | | | |
| 11/16/12 | 0.465 | | | | 0.459 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/17/12 | 0.500 | | | | 0.491 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/18/12 | 0.530 | | | | 0.512 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/19/12 | 0.581 | 159 | 903 | 270 | 1533 | 22.50 | 0.671 | 2.0 | | 99% | 11 | 17 | 3.0 | | 99% | 17 | 78 | | 0.18 | 1.01 | 7.0 | 20 | |
| 11/20/12 | 0.593 | 280 | 1365 | 390 | 1929 | | 0.573 | 2.4 | 2.2 | 98% | 11 | 11 | 1.5 | 1.8 | 100% | 7 | 10 | 82 | 80 | | | | |
| 11/21/12 | 0.570 | 305 | 1450 | 345 | 1640 | | 0.543 | 2.4 | | 99% | 11 | 5 | 1.0 | | 100% | 5 | | | | | | | |
| 11/22/12 | 0.461 | | | | 0.412 | | | | | | | | | | 7.0 | 20 | | | | | | | |
| 11/23/12 | 0.584 | | | | 0.482 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/24/12 | 0.516 | | | | 0.455 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/25/12 | 0.495 | | | | 0.403 | | | | | | | | | | 7.0 | 20 | | | | | | | |
| 11/26/12 | 0.520 | | | | 0.452 | | | | | | | | | | 7.0 | 21 | | | | | | | |
| 11/27/12 | 0.523 | 339 | 1479 | 455 | 1985 | | 0.435 | 3.0 | | 99% | 11 | 4 | 1.0 | | 100% | 4 | 74 | | | | | | |
| 11/28/12 | 0.536 | 267 | 1194 | 320 | 1430 | 32.40 | 0.448 | 3.1 | 2.8 | 99% | 12 | 11 | 1.0 | 1.0 | 100% | 4 | 4 | 35 | 55 | 0.20 | 0.75 | 6.9 | 20 |
| 11/29/12 | 0.520 | 214 | 928 | 290 | 1258 | | 0.438 | 2.4 | | 98% | 9 | 4 | 1.0 | | 100% | 4 | | | | | | | |
| 11/30/12 | 0.552 | | | | 0.478 | | | | | | | | | | 6.9 | 20 | | | | | | | |
| TOTAL | 15.998 | | | | 14.211 | | | | | | 122 | | | | | | 73 | | | | 3.67 | | |
| MIN | 0.442 | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.520 | 258 | 1135 | 310 | 1372 | 30.80 | 0.474 | 2.5 | | 99% | 10 | 6 | 1.4 | | 100% | 6 | 46 | | 0.22 | 0.92 | 6.9 | 21 | |
| MAX | 0.681 | 418 | 1781 | 455 | 1985 | 35.10 | 0.671 | 2.8 | | | | | | | | | 10 | | 80 | 0.25 | 1.01 | 7.0 | 21 |
| AVG. | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.0 MGD | | | | | | | | | | | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
Signature
Signature

PLANT SUPERINTENDENT

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|----|------|--------------|-----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | DO | TEMP | TOTAL SOLIDS | RAIN/FALL | MAX TEMP | |
| 11/01/12 | 6.6 | 2.5 | 6.7 | 0.8 | | | 6.6 | 0.5 | 21 | 0.84 | 0.26 | 51 | 53 | 0 |
| 11/02/12 | 6.7 | 1.0 | 6.7 | 0.8 | | | 6.6 | 0.4 | 21 | | 0.16 | 57 | 51 | 0 |
| 11/03/12 | 6.6 | 1.0 | 6.8 | 0.1 | | | 6.6 | 0.4 | 21 | | 0.28 | 51 | 54 | 0 |
| 11/04/12 | 6.6 | 0.3 | 6.7 | 1.0 | | | 6.6 | 0.5 | 21 | | 0.01 | 56 | 57 | 0 |
| 11/05/12 | 6.7 | 0.7 | 6.7 | 1.4 | | | 6.6 | 0.5 | 21 | | 0.03 | 52 | 52 | 78000 |
| 11/06/12 | 6.7 | 0.4 | 6.8 | 0.8 | | | 6.6 | 0.7 | 21 | | 0.03 | 56 | 51 | 78000 |
| 11/07/12 | 6.7 | 1.2 | 6.8 | 1.6 | | | 6.6 | 0.6 | 21 | | 0.16 | 55 | 42 | 78000 |
| 11/08/12 | 6.6 | 0.5 | 6.8 | 0.5 | | | 6.6 | 0.7 | 21 | | 0.01 | 50 | 37 | 0 |
| 11/09/12 | 6.6 | 1.1 | 6.8 | 2.7 | | | 6.5 | 0.6 | 21 | | 0.00 | 46 | 34 | 0 |
| 11/10/12 | 6.7 | 0.4 | 6.7 | 0.6 | | | 6.7 | 0.6 | 21 | | 0.01 | 46 | 34 | 0 |
| 11/11/12 | 6.9 | 0.9 | 6.7 | 3.3 | | | 6.8 | 0.5 | 21 | | 0.46 | 48 | 40 | 0 |
| 11/12/12 | 6.7 | 0.4 | 6.8 | 1.7 | | | 6.7 | 0.5 | 21 | | 0.18 | 52 | 48 | 0 |
| 11/13/12 | 6.7 | 0.7 | 6.8 | 0.8 | | | 6.7 | 0.5 | 21 | | 0.08 | 54 | 49 | 0 |
| 11/14/12 | 6.7 | 0.6 | 6.8 | 0.2 | | | 6.7 | 0.4 | 21 | | 0.01 | 57 | 41 | 0 |
| 11/15/12 | 6.8 | 1.6 | 6.8 | 0.4 | | | 6.8 | 0.5 | 21 | | 0.01 | 56 | 39 | 0 |
| 11/16/12 | 6.8 | 1.2 | 6.8 | 0.4 | | | 6.8 | 0.5 | 21 | | 0.01 | 50 | 41 | 0 |
| 11/17/12 | 6.8 | 1.0 | 6.8 | 0.4 | | | 6.8 | 0.5 | 21 | | 0.56 | 49 | 45 | 0 |
| 11/18/12 | 6.8 | 1.4 | 6.8 | 0.5 | | | 6.8 | 0.4 | 21 | | 0.91 | 51 | 45 | 0 |
| 11/19/12 | 6.8 | 1.0 | 6.8 | 0.4 | | | 6.8 | 0.5 | 21 | | 1.64 | 57 | 50 | 0 |
| 11/20/12 | 6.8 | 1.1 | 6.8 | 0.5 | | | 6.8 | 0.5 | 21 | | 0.22 | 56 | 47 | 0 |
| 11/21/12 | 6.7 | 3.6 | 6.7 | 0.2 | | | 6.8 | 0.8 | 21 | | 0.26 | 51 | 39 | 0 |
| 11/22/12 | 6.7 | 1.1 | 6.7 | 3.3 | | | 6.7 | 0.4 | 21 | | 0.01 | 49 | 38 | 0 |
| 11/23/12 | 6.8 | 1.0 | 6.8 | 0.5 | | | 6.8 | 0.6 | 21 | | 0.88 | 52 | 42 | 0 |
| 11/24/12 | 6.8 | 1.0 | 6.8 | 0.6 | | | 6.8 | 0.5 | 21 | | 0.00 | 51 | 38 | 0 |
| 11/25/12 | 6.7 | 1.2 | 6.8 | 0.5 | | | 6.8 | 0.5 | 21 | | 0.01 | 49 | 37 | 0 |
| 11/26/12 | 6.7 | 1.4 | 6.7 | 1.7 | | | 6.8 | 0.6 | 21 | | 0.01 | 52 | 35 | 0 |
| 11/27/12 | 6.7 | 1.1 | 6.8 | 0.7 | | | 6.8 | 0.5 | 21 | | 0.00 | 47 | 32 | 0 |
| 11/28/12 | 6.7 | 1.5 | 6.7 | 0.1 | | | 6.8 | 0.6 | 21 | | 0.06 | 47 | 38 | 0 |
| 11/29/12 | 6.7 | 1.5 | 6.8 | 0.9 | | | 6.7 | 0.4 | 22 | | 0.27 | 55 | 41 | 0 |
| 11/30/12 | 6.7 | 0.9 | 6.7 | 1.0 | | | 6.7 | 0.5 | 22 | | 0.65 | 58 | 43 | 0 |
| TOTAL | | | | | | | | | | | 7.18 | | | 234000 |
| MIN | 6.6 | 0.3 | 6.7 | 0.1 | | | 6.5 | 0.4 | 21 | 0.84 | 0.00 | 46 | 32 | 0 |
| AVG | 6.7 | 1.1 | 6.8 | 0.9 | | | 6.7 | 0.5 | 21 | 0.84 | 0.24 | 53 | 43 | 7800 |
| MAX | 6.9 | 3.6 | 6.8 | 3.3 | | | 6.8 | 0.7 | 22 | 0.84 | 1.64 | 66 | 57 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | |
|-----------|----------------|------------------|------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | CONT | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | 1WEEK | 2WEEK | | 1WEEK | 2WEEK | 1WEEK | 2WEEK |
| DATE | FLOW (MGD) | BOD 5-DAY (MG/L) | TSS (MG/L) | TSS (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) | BOD 5-DAY (MG/L) |
| 12/01/12 | 0.532 | 0.458 | 0.435 | 0.487 | 0.523 | 2.2 | 3.0 | 10 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | |
| 12/02/12 | 0.519 | 0.435 | 0.487 | 0.523 | 2.2 | 3.0 | 10 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | | |
| 12/03/12 | 0.584 | 0.487 | 0.523 | 2.2 | 3.0 | 10 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | | | |
| 12/04/12 | 0.607 | 155 | 785 | 196 | 987 | 320 | 1543 | 28.80 | 0.507 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | |
| 12/05/12 | 0.578 | 238 | 1147 | 320 | 1543 | 28.80 | 0.507 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | |
| 12/06/12 | 0.542 | 207 | 936 | 125 | 565 | 0.488 | 4.5 | 0.435 | 0.444 | 0.413 | 0.471 | 0.497 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | |
| 12/07/12 | 0.496 | 0.435 | 0.444 | 0.413 | 0.471 | 0.497 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | |
| 12/08/12 | 0.521 | 0.444 | 0.413 | 0.471 | 0.497 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | | |
| 12/09/12 | 0.476 | 0.413 | 0.471 | 0.497 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | | | |
| 12/10/12 | 0.579 | 0.471 | 0.497 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | | | | |
| 12/11/12 | 0.575 | 256 | 1228 | 295 | 1415 | 0.497 | 2.5 | 3.1 | 98% | 11 | 13 | 2.0 | 2.0 | 8 | 47 | 45 | 0.20 | 0.85 | 18 | 4.31 | 5.25 | 5.80 | 74.8 | | |
| 12/12/12 | 0.556 | 179 | 830 | 260 | 1206 | 0.488 | 1.9 | 2.1 | 98% | 8 | 9 | 1.5 | 2.1 | 9 | 174 | 172 | 0.17 | 0.68 | 18 | 6.8 | 6.8 | 18 | 6.8 | | |
| 12/13/12 | 0.573 | 168 | 803 | 255 | 1219 | 0.474 | 2.0 | 98% | 8 | 4 | 1.0 | 100% | 4 | 174 | 172 | 0.17 | 0.68 | 18 | 6.8 | 6.8 | 18 | 6.8 | | | |
| 12/14/12 | 0.534 | 0.505 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | | |
| 12/15/12 | 0.584 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | | |
| 12/16/12 | 0.613 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | | |
| 12/17/12 | 0.696 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | 0.476 | 0.510 | 0.619 | | |
| 12/18/12 | 0.572 | 196 | 935 | 215 | 1026 | 0.469 | 2.5 | 98% | 10 | 4 | 1.0 | 100% | 4 | 29 | 36 | 0.14 | 0.66 | 16 | 6.8 | 6.8 | 16 | 6.8 | | | |
| 12/19/12 | 0.772 | 198 | 1275 | 225 | 1449 | 0.569 | 2.4 | 2.3 | 98% | 11 | 11 | 4.5 | 4.5 | 21 | 15 | 44 | 36 | 0.14 | 0.66 | 16 | 6.8 | 6.8 | 16 | | |
| 12/20/12 | 0.742 | 167 | 1033 | 175 | 1083 | 0.659 | 2.1 | 98% | 12 | 19 | 3.5 | 98% | 19 | 15 | 44 | 36 | 0.14 | 0.66 | 16 | 6.8 | 6.8 | 16 | | | |
| 12/21/12 | 0.678 | 0.597 | 0.644 | 0.597 | 0.644 | 0.624 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | | |
| 12/22/12 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.624 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | | |
| 12/23/12 | 0.668 | 0.597 | 0.644 | 0.597 | 0.644 | 0.624 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | 0.597 | 0.644 | | |
| 12/24/12 | 0.630 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | 0.550 | | |
| 12/25/12 | 0.582 | 176 | 854 | 155 | 752 | 0.508 | 3.0 | 98% | 13 | 15 | 3.5 | 98% | 15 | 15 | 15 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| 12/26/12 | 0.692 | 207 | 1195 | 230 | 1327 | 0.538 | 3.2 | 2.8 | 98% | 14 | 13 | 2.5 | 4.5 | 11 | 13 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| 12/27/12 | 0.657 | 155 | 849 | 180 | 986 | 0.554 | 2.4 | 98% | 11 | 14 | 3.0 | 98% | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | | |
| 12/28/12 | 0.638 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | | |
| 12/29/12 | 0.613 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | 0.554 | | |
| 12/30/12 | 0.573 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | 0.489 | | |
| 12/31/12 | 0.580 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | 0.492 | | |
| TOTAL | 18,806 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | 15,908 | | |
| MIN | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | 0.476 | | |
| AVG | 0.600 | 192 | 989 | 219 | 1130 | 0.513 | 2.6 | 98% | 11 | 11 | 2.5 | 95% | 11 | 11 | 39 | 39 | 0.17 | 0.73 | 17 | 4.31 | 6.25 | 5.80 | 74.8 | | |
| MAX | 0.772 | 256 | 1275 | 320 | 1543 | 0.659 | 3.1 | 3.1 | 13 | 13 | 4.5 | 4.5 | 15 | 15 | 172 | 172 | 0.20 | 0.85 | 18 | 6.8 | 6.8 | 18 | 6.8 | | |
| AVG | 0.572 | 192 | 989 | 219 | 1130 | 0.513 | 2.6 | 98% | 11 | 11 | 2.5 | 95% | 11 | 11 | 39 | 39 | 0.17 | 0.73 | 17 | 4.31 | 6.25 | 5.80 | 74.8 | | |
| PERMIT | 2.0 MGD | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | | |
| LIMITS | AVG | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,550 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE | |
|----------|--------|-----|--------|------|--------|----|--------------------|-----|----|------|--------------|-----------|----------|----------|-------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | AMOUNT DISPOSED GALLONS |
| 12/01/12 | 6.7 | 0.5 | 6.6 | 3.8 | | | 7.0 | 9.6 | 16 | | | 0.44 | 54 | 48 | 0 |
| 12/02/12 | 6.8 | 2.9 | 6.6 | 1.3 | | | 6.9 | 8.3 | 16 | | | 0.54 | 51 | 44 | 0 |
| 12/03/12 | 6.6 | 1.3 | 6.6 | 2.7 | | | 6.8 | 4.9 | 16 | | | 0.23 | 54 | 48 | 0 |
| 12/04/12 | 6.8 | 2.8 | 6.8 | 2.8 | | | 6.7 | 3.5 | 16 | | 0.46 | 0.58 | 55 | 47 | 0 |
| 12/05/12 | 6.8 | 0.9 | 6.8 | 3.5 | | | 6.5 | 2.4 | 16 | | | 0.08 | 51 | 38 | 0 |
| 12/06/12 | 6.8 | 0.5 | 6.9 | 1.6 | | | 6.5 | 1.6 | 16 | | | 0.18 | 48 | 38 | 0 |
| 12/07/12 | 6.7 | 1.0 | 7.0 | 0.4 | | | 6.4 | 1.9 | 16 | | | 0.06 | 48 | 40 | 0 |
| 12/08/12 | 6.8 | 0.6 | 6.9 | 0.1 | | | 6.5 | 1.4 | 16 | | | 0.06 | 44 | 37 | 0 |
| 12/09/12 | 6.7 | 1.6 | 6.8 | 3.0 | | | 6.5 | 1.5 | 16 | | | 0.08 | 45 | 40 | 0 |
| 12/10/12 | 6.7 | 0.4 | 7.0 | 3.5 | | | 6.3 | 0.5 | 16 | | | 0.02 | 48 | 42 | 0 |
| 12/11/12 | 6.7 | 0.4 | 6.9 | 0.4 | | | 7.0 | 0.6 | 16 | | | 0.28 | 46 | 42 | 0 |
| 12/12/12 | 6.8 | 0.4 | 6.9 | 3.5 | | | 7.0 | 0.5 | 16 | | | 0.08 | 45 | 40 | 0 |
| 12/13/12 | 6.9 | 0.4 | 7.0 | 0.4 | | | 7.0 | 0.4 | 16 | | | 0.00 | 47 | 40 | 0 |
| 12/14/12 | 6.9 | 1.1 | 6.9 | 0.1 | | | 7.0 | 0.6 | 16 | | | 0.27 | 44 | 36 | 0 |
| 12/15/12 | 6.9 | 0.5 | 7.0 | 1.5 | | | 7.0 | 0.6 | 16 | | | 0.44 | 41 | 36 | 0 |
| 12/16/12 | 6.9 | 0.5 | 6.9 | 1.0 | | | 6.9 | 0.6 | 16 | | | 0.88 | 48 | 37 | 0 |
| 12/17/12 | 6.7 | 0.5 | 6.8 | 3.8 | | | 7.0 | 0.7 | 16 | | | 0.48 | 48 | 34 | 0 |
| 12/18/12 | 6.8 | 1.2 | 6.9 | 1.1 | | | 6.8 | 0.6 | 16 | | | 0.12 | 40 | 34 | 0 |
| 12/19/12 | 6.8 | 0.5 | 6.9 | 0.2 | | | 7.0 | 0.7 | 16 | | | 1.00 | 46 | 36 | 0 |
| 12/20/12 | 6.8 | 2.2 | 6.9 | 3.9 | | | 7.0 | 0.5 | 16 | | | 0.72 | 47 | 36 | 0 |
| 12/21/12 | 6.7 | 2.0 | 6.9 | 7.0 | | | 7.0 | 0.5 | 16 | | | 0.12 | 45 | 35 | 0 |
| 12/22/12 | 7.0 | 2.2 | 6.8 | 2.2 | | | 7.1 | 0.5 | 16 | | | 0.27 | 49 | 40 | 0 |
| 12/23/12 | 7.0 | 0.6 | 6.9 | 33.7 | | | 7.1 | 0.5 | 16 | | | 0.54 | 45 | 37 | 0 |
| 12/24/12 | 6.9 | 1.0 | 6.9 | 1.3 | | | 7.0 | 0.5 | 16 | | | 0.07 | 46 | 37 | 0 |
| 12/25/12 | 6.8 | 1.1 | 6.9 | 3.0 | | | 7.0 | 0.5 | 16 | | | 0.71 | 43 | 37 | 0 |
| 12/26/12 | 6.7 | 2.0 | 6.7 | 3.8 | | | 6.8 | 0.4 | 15 | | | 0.06 | 42 | 39 | 0 |
| 12/27/12 | 6.7 | 0.3 | 6.7 | 4.0 | | | 6.9 | 0.5 | 15 | | | 0.03 | 45 | 40 | 0 |
| 12/28/12 | 6.8 | 0.7 | 6.8 | 0.9 | | | 6.9 | 0.2 | 15 | | | 0.00 | 43 | 36 | 0 |
| 12/29/12 | 6.8 | 2.1 | 6.8 | 1.8 | | | 6.9 | 0.6 | 15 | | | 0.02 | 40 | 31 | 0 |
| 12/30/12 | 6.7 | 0.7 | 6.9 | 3.9 | | | 6.8 | 0.7 | 15 | | | 0.01 | 44 | 29 | 0 |
| 12/31/12 | 6.8 | 0.9 | 6.9 | 1.5 | | | 6.8 | 0.4 | 15 | | 1.06 | 0.05 | 34 | 29 | 0 |
| TOTAL | | | | | | | | | | | | 8.22 | | | 0 |
| MIN | 6.6 | 0.3 | 6.6 | 0.1 | | | 6.3 | 0.2 | 15 | | 0.46 | 0.00 | 34 | 29 | 0 |
| AVG | 6.8 | 1.1 | 6.8 | 3.3 | | | 6.8 | 1.5 | 16 | | 0.76 | 0.27 | 46 | 38 | 0 |
| MAX | 7.0 | 2.9 | 7.0 | 33.7 | | | 7.1 | 9.6 | 16 | | 1.06 | 1.00 | 55 | 48 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT EFFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | |
|-----------|----------------|---------------|-------------|---------|-------------|----------|---------------|---------------------|-------------|---------|----------------|-------------|---------|-----------------------|-------------|-------------|-------------------|-------------------------|---------------------|----------------------|----------------------|--------------|
| | CONT | 2WEEK | 2WEEK | 2WEEK | 1WEEK | CONT | 2WEEK | 2WEEK | 2WEEK | 1WEEK | CONT | 2WEEK | 2WEEK | 2WEEK | 1WEEK | DAILY | DAILY | 1RD | 1RD | 1RD | | 1RD |
| DATE | FLOW MGD | BOD 5-DAY MGD | TSS LBS/DAY | TSS MGD | AMMONIA MGD | FLOW MGD | BOD 5-DAY MGD | BOD 5-DAY % REMOVAL | TSS LBS/DAY | TSS MGD | TSS % REMOVAL | TSS LBS/DAY | TSS MGD | FECAL COLIFORM M #100 | FECAL GEM 7 | AMMONIA MGD | PH STANDARD UNITS | TEMPERATURE DEG C - MAX | NITRATE-NITRITE MGD | ORPHO-PHOSPHORUS MGD | TOTAL PHOSPHORUS MGD | HARDNESS MGD |
| 01/01/13 | 0.504 | 247 | 1038 | 250 | 1051 | 0.433 | 4.2 | 98% | 15 | 3.0 | 99% | 11 | 3.5 | 85 | 55 | 0.11 | 6.7 | 16 | 3.52 | 3.92 | 4.13 | 78.4 |
| 01/02/13 | 0.655 | 269 | 1469 | 215 | 1174 | 0.508 | 5.7 | 98% | 24 | 2.8 | 98% | 15 | 11 | 85 | 55 | 0.11 | 6.6 | 16 | 3.52 | 3.92 | 4.13 | 78.4 |
| 01/03/13 | 0.613 | 205 | 1048 | 235 | 1201 | 0.478 | 2.9 | 98% | 12 | 2.0 | 98% | 8 | 2.0 | 36 | 55 | 0.11 | 6.7 | 16 | 3.52 | 3.92 | 4.13 | 78.4 |
| 01/04/13 | 0.569 | | | | | 0.497 | | | | | | | | | | | 6.8 | 15 | | | | |
| 01/05/13 | 0.534 | | | | | 0.448 | | | | | | | | | | | 6.8 | 15 | | | | |
| 01/06/13 | 0.567 | | | | | 0.446 | | | | | | | | | | | 6.8 | 15 | | | | |
| 01/07/13 | 0.645 | | | | | 0.574 | | | | | | | | | | | 6.7 | 15 | | | | |
| 01/08/13 | 0.561 | 233 | 1090 | 225 | 1053 | 0.480 | 3.0 | 99% | 12 | 1.0 | 100% | 4 | 50 | 50 | | 6.6 | 16 | | | | | |
| 01/09/13 | 0.667 | 163 | 907 | 170 | 946 | 0.550 | 2.5 | 98% | 11 | 2.5 | 99% | 11 | 9 | 48 | 48 | 0.11 | 6.9 | 16 | | | | |
| 01/10/13 | 0.595 | 205 | 1017 | 250 | 1241 | 0.508 | 2.0 | 99% | 8 | 3.0 | 99% | 13 | 3.0 | | | | 6.7 | 16 | | | | |
| 01/11/13 | 0.552 | | | | | 0.478 | | | | | | | | | | | 6.8 | 15 | | | | |
| 01/12/13 | 0.521 | | | | | 0.437 | | | | | | | | | | | 7.0 | 15 | | | | |
| 01/13/13 | 0.539 | | | | | 0.420 | | | | | | | | | | | 7.1 | 15 | | | | |
| 01/14/13 | 0.597 | | | | | 0.482 | | | | | | | | | | | 6.6 | 15 | | | | |
| 01/15/13 | 0.567 | 240 | 1135 | 310 | 1466 | 0.486 | 4.5 | 98% | 18 | 1.0 | 100% | 4 | 62 | | | 6.7 | 15 | | | | | |
| 01/16/13 | 0.568 | 173 | 820 | 185 | 876 | 0.470 | 3.1 | 98% | 12 | 2.0 | 99% | 8 | 131 | 90 | 0.14 | 0.55 | 6.6 | 15 | | | | |
| 01/17/13 | 0.546 | 170 | 774 | 255 | 1161 | 0.461 | 2.6 | 98% | 10 | 1.5 | 99% | 6 | 6 | 21 | | 0.55 | 6.7 | 15 | | | | |
| 01/18/13 | 0.519 | | | | | 0.458 | | | | | | | | | | | 6.9 | 15 | | | | |
| 01/19/13 | 0.538 | | | | | 0.442 | | | | | | | | | | | 6.9 | 15 | | | | |
| 01/20/13 | 0.478 | | | | | 0.391 | | | | | | | | | | | 6.9 | 15 | | | | |
| 01/21/13 | 0.583 | | | | | 0.466 | | | | | | | | | | | 7.0 | 15 | | | | |
| 01/22/13 | 0.542 | 229 | 1035 | 180 | 814 | 0.475 | 4.2 | 98% | 17 | 2.5 | 98% | 10 | 28 | 28 | 0.12 | 0.48 | 6.7 | 15 | | | | |
| 01/23/13 | 0.526 | 179 | 785 | 285 | 1250 | 0.410 | 3.4 | 98% | 12 | 3.0 | 98% | 10 | 10 | 16 | 21 | | 6.7 | 15 | | | | |
| 01/24/13 | 0.612 | 256 | 1307 | 280 | 1429 | 0.514 | 3.7 | 99% | 16 | 2.5 | 98% | 11 | 2.5 | | | | 6.8 | 15 | | | | |
| 01/25/13 | 0.555 | | | | | 0.476 | | | | | | | | | | | 6.7 | 15 | | | | |
| 01/26/13 | 0.541 | | | | | 0.460 | | | | | | | | | | | 6.8 | 15 | | | | |
| 01/27/13 | 0.451 | | | | | 0.436 | | | | | | | | | | | 6.8 | 15 | | | | |
| 01/28/13 | 0.659 | | | | | 0.535 | | | | | | | | | | | 6.7 | 15 | | | | |
| 01/29/13 | 0.642 | 182 | 974 | 65 | 348 | 0.539 | 3.6 | 98% | 16 | 3.0 | 95% | 13 | 48 | 48 | 0.13 | 0.58 | 6.7 | 15 | | | | |
| 01/30/13 | 0.639 | 287 | 1423 | 320 | 1705 | 0.571 | 3.3 | 99% | 16 | 2.0 | 98% | 10 | 10 | 44 | | | 6.8 | 15 | | | | |
| 01/31/13 | 0.584 | 222 | 1081 | 220 | 1072 | 0.497 | 2.5 | 99% | 10 | 2.0 | 98% | 8 | 2.0 | | | | 6.6 | 15 | | | | |
| TOTAL | 17.668 | | | | | 14.827 | | | 210 | | | 142 | | | | 2.55 | | | | | | |
| MIN | 0.451 | | | | | | | | | | | | | | | | 6.6 | | | | | |
| AVG | 0.570 | 216 | 1060 | 230 | 1119 | 0.478 | 3.4 | 98% | 14 | 2.3 | 98% | 9 | 47 | 47 | 0.12 | 0.61 | 15 | 3.52 | 3.92 | 4.13 | 78.4 | |
| MAX | 0.667 | 269 | 1469 | 320 | 1705 | 0.574 | 4.3 | | 17 | 2.8 | | 11 | 11 | 90 | 0.14 | 0.58 | 7.1 | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| PERMIT | 2.0 MGD | 3107 | 15107 | 3160 | 15160 | 2.0 MGD | 30 | 85% | 486 | 30 | 85% | 475 | 711 | 200 | GEN | AVG | 6.0 | | | | | |
| LIMITS | AVG | | | | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DOGESTER (AEROBIC) | | | | TOTAL SOLIDS | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|-----------|--------------|----------|----------|--|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | RAIN FALL | | MAX TEMP | MIN TEMP | | |
| 01/01/13 | 6.8 | 0.8 | 6.9 | 1.2 | | | 6.8 | 0.5 | 15 | 0.02 | 37 | 28 | 0 | | |
| 01/02/13 | 6.6 | 1.2 | 6.6 | 4.5 | | | 6.8 | 0.3 | 14 | 0.00 | 43 | 30 | 78000 | | |
| 01/03/13 | 6.7 | 1.1 | 6.6 | 1.9 | | | 6.8 | 0.4 | 14 | 0.03 | 43 | 34 | 78000 | | |
| 01/04/13 | 6.7 | 1.4 | 6.7 | 2.0 | | | 6.8 | 0.2 | 14 | 0.03 | 40 | 34 | 78000 | | |
| 01/05/13 | 6.7 | 1.0 | 6.7 | 1.8 | | | 6.8 | 0.4 | 14 | 0.00 | 38 | 35 | 0 | | |
| 01/06/13 | 6.8 | 0.9 | 6.8 | 1.5 | | | 6.8 | 0.5 | 14 | 0.33 | 45 | 35 | 0 | | |
| 01/07/13 | 6.6 | 0.8 | 6.6 | 3.4 | | | 6.8 | 0.3 | 14 | 0.44 | 52 | 44 | 0 | | |
| 01/08/13 | 6.6 | 0.8 | 6.7 | 2.3 | | | 6.8 | 0.3 | 14 | 0.18 | 54 | 43 | 0 | | |
| 01/09/13 | 6.6 | 0.7 | 6.8 | 0.1 | | | 6.7 | 0.3 | 15 | 0.47 | 53 | 35 | 0 | | |
| 01/10/13 | 6.6 | 0.9 | 6.6 | 1.5 | | | 6.9 | 0.3 | 15 | 0.03 | 40 | 35 | 0 | | |
| 01/11/13 | 6.6 | 0.8 | 6.6 | 2.8 | | | 6.8 | 0.4 | 15 | 0.00 | 41 | 30 | 0 | | |
| 01/12/13 | 7.2 | 1.4 | 7.2 | 0.4 | | | 6.8 | 0.5 | 15 | 0.01 | 34 | 28 | 0 | | |
| 01/13/13 | 7.0 | 0.3 | 9.1 | 3.3 | | | 7.0 | 0.4 | 15 | 0.00 | 31 | 26 | 0 | | |
| 01/14/13 | 6.8 | 1.2 | 6.7 | 7.2 | | | 7.1 | 0.3 | 15 | 0.03 | 33 | 28 | 0 | | |
| 01/15/13 | 6.7 | 0.8 | 6.7 | 2.9 | | | 6.7 | 0.4 | 14 | 0.02 | 37 | 33 | 0 | | |
| 01/16/13 | 6.7 | 1.0 | 6.7 | 3.0 | | | 6.7 | 0.4 | 14 | 0.01 | 36 | 33 | 0 | | |
| 01/17/13 | 6.7 | 1.0 | 6.8 | 3.3 | | | 6.8 | 0.3 | 15 | 0.00 | 37 | 30 | 0 | | |
| 01/18/13 | 6.6 | 0.9 | 6.8 | 1.4 | | | 6.7 | 0.4 | 14 | 0.00 | 44 | 28 | 0 | | |
| 01/19/13 | 6.7 | 0.8 | 6.8 | 1.5 | | | 6.9 | 0.4 | 14 | 0.01 | 33 | 29 | 0 | | |
| 01/20/13 | 6.7 | 1.2 | 6.7 | 1.4 | | | 6.9 | 0.4 | 14 | 0.01 | 39 | 27 | 0 | | |
| 01/21/13 | 6.7 | 1.0 | 6.8 | 0.4 | | | 6.9 | 0.4 | 14 | 0.01 | 43 | 24 | 0 | | |
| 01/22/13 | 6.6 | 1.7 | 6.6 | 2.7 | | | 6.7 | 0.4 | 14 | 0.01 | 40 | 25 | 0 | | |
| 01/23/13 | 6.6 | 1.5 | 6.7 | 2.2 | | | 6.8 | 0.3 | 14 | 0.19 | 36 | 34 | 0 | | |
| 01/24/13 | 6.8 | 0.8 | 6.6 | 3.1 | | | 6.8 | 0.5 | 14 | 0.20 | 44 | 34 | 0 | | |
| 01/25/13 | 6.8 | 0.7 | 6.8 | 0.8 | | | 6.7 | 0.4 | 14 | 0.02 | 49 | 47 | 0 | | |
| 01/26/13 | 6.8 | 1.0 | 6.8 | 1.4 | | | 6.7 | 0.5 | 14 | 0.08 | 46 | 40 | 0 | | |
| 01/27/13 | 6.7 | 0.8 | 6.7 | 1.0 | | | 6.7 | 0.5 | 14 | 0.26 | 42 | 37 | 0 | | |
| 01/28/13 | 6.7 | 0.9 | 6.8 | 3.0 | | | 6.8 | 0.3 | 14 | 0.91 | 42 | 37 | 0 | | |
| 01/29/13 | 6.8 | 1.3 | 6.6 | 1.6 | | | 6.9 | 0.3 | 14 | 0.33 | 47 | 41 | 0 | | |
| 01/30/13 | 6.7 | 1.3 | 6.7 | 1.2 | | | 6.8 | 0.3 | 15 | 0.41 | 47 | 44 | 0 | | |
| 01/31/13 | 6.6 | 1.7 | 6.7 | 7.8 | | | 6.6 | 0.4 | 15 | 0.04 | 49 | 42 | 0 | | |
| TOTAL | | | | | | | | | | 4.09 | | | 234600 | | |
| MIN | 6.6 | 0.3 | 6.6 | 0.1 | | | 6.6 | 0.2 | 14 | 0.00 | 31 | 24 | 0 | | |
| AVG | 6.7 | 1.0 | 6.8 | 2.3 | | | 6.8 | 0.4 | 14 | 1.31 | 42 | 34 | 7648 | | |
| MAX | 7.2 | 1.7 | 9.1 | 7.8 | | | 7.1 | 0.5 | 15 | 1.50 | 54 | 47 | 78000 | | |

CITY OF WOODLAND WWP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | |
|-----------|----------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|----------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|----------|---------------|------|------|------|------|--|
| | CONT FLOW MGD | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | 2WEEK TSS MGL | 2WEEK BOD-LDRY MGL | | 2WEEK TSS MGL | 1/30 | 1/30 | 1/30 | 1/30 | |
| 02/01/13 | 0.542 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/02/13 | 0.545 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/03/13 | 0.525 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/04/13 | 0.583 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/05/13 | 0.573 | 231 | 1104 | 320 | 1528 | 0.493 | 4.4 | 1.5 | 100% | 6 | 22 | 22 | 0.12 | 0.50 | 6.8 | 15 | 3.17 | 3.23 | 3.76 | 90.0 | | | | | | | |
| 02/06/13 | 0.573 | 254 | 1214 | 240 | 1147 | 0.499 | 3.0 | 3.5 | 99% | 12 | 8 | 22 | 0.12 | 0.50 | 6.8 | 15 | 3.17 | 3.23 | 3.76 | 90.0 | | | | | | | |
| 02/07/13 | 0.532 | 176 | 781 | 185 | 821 | 0.464 | 3.2 | 1.5 | 99% | 6 | | | | | 6.7 | 15 | | | | | | | | | | | |
| 02/08/13 | 0.533 | | | | | 0.468 | | | | | | | | | 6.7 | 15 | | | | | | | | | | | |
| 02/09/13 | 0.521 | | | | | 0.454 | | | | | | | | | 6.7 | 15 | | | | | | | | | | | |
| 02/10/13 | 0.499 | | | | | 0.418 | | | | | | | | | 6.8 | 15 | | | | | | | | | | | |
| 02/11/13 | 0.566 | | | | | 0.469 | | | | | | | | | 6.8 | 16 | | | | | | | | | | | |
| 02/12/13 | 0.536 | 264 | 1180 | 300 | 1341 | 0.470 | 3.0 | 2.5 | 99% | 12 | 58 | | | | 6.9 | 15 | | | | | | | | | | | |
| 02/13/13 | 0.546 | 254 | 1157 | 295 | 1343 | 0.471 | 2.5 | 1.0 | 100% | 4 | 8 | 66 | 0.12 | 0.47 | 6.8 | 16 | | | | | | | | | | | |
| 02/14/13 | 0.537 | 298 | 1335 | 365 | 1635 | 0.448 | 3.0 | 3.0 | 99% | 11 | | | | | 6.7 | 16 | | | | | | | | | | | |
| 02/15/13 | 0.500 | | | | | 0.462 | | | | | | | | | 6.8 | 16 | | | | | | | | | | | |
| 02/16/13 | 0.530 | | | | | 0.455 | | | | | | | | | 6.8 | 16 | | | | | | | | | | | |
| 02/17/13 | 0.480 | | | | | 0.402 | | | | | | | | | 6.8 | 16 | | | | | | | | | | | |
| 02/18/13 | 0.556 | | | | | 0.451 | | | | | | | | | 6.8 | 16 | | | | | | | | | | | |
| 02/19/13 | 0.549 | 253 | 1158 | 245 | 1122 | 0.473 | 4.0 | 1.0 | 100% | 4 | 71 | | | | 6.7 | 15 | | | | | | | | | | | |
| 02/20/13 | 0.539 | 271 | 1218 | 250 | 1124 | 0.462 | 1.9 | 2.0 | 99% | 8 | 5 | 70 | 0.17 | 0.66 | 6.7 | 15 | | | | | | | | | | | |
| 02/21/13 | 0.525 | 317 | 1388 | 330 | 1445 | 0.449 | 2.4 | 1.0 | 100% | 4 | | | | | 6.7 | 16 | | | | | | | | | | | |
| 02/22/13 | 0.595 | | | | | 0.497 | | | | | | | | | 6.7 | 16 | | | | | | | | | | | |
| 02/23/13 | 0.523 | | | | | 0.454 | | | | | | | | | 6.6 | 15 | | | | | | | | | | | |
| 02/24/13 | 0.523 | | | | | 0.416 | | | | | | | | | 6.8 | 15 | | | | | | | | | | | |
| 02/25/13 | 0.600 | | | | | 0.486 | | | | | | | | | 6.7 | 16 | | | | | | | | | | | |
| 02/26/13 | 0.566 | 231 | 1090 | 280 | 1322 | 0.478 | 5.3 | 2.0 | 99% | 8 | 54 | | | | 6.8 | 16 | | | | | | | | | | | |
| 02/27/13 | 0.566 | 249 | 1175 | 315 | 1487 | 0.466 | 2.3 | 1.5 | 100% | 6 | 8 | 52 | 0.10 | 0.39 | 6.7 | 16 | | | | | | | | | | | |
| 02/28/13 | 0.551 | 208 | 956 | 220 | 1011 | 0.485 | 2.4 | 2.5 | 99% | 10 | | | | | 6.7 | 16 | | | | | | | | | | | |
| TOTAL | 15.214 | | | | | 12.971 | | | | 89 | | | | 2.01 | | | | | | | | | | | | | |
| MIN | 0.480 | | | | | | | | | | | | | | 6.5 | | | | | | | | | | | | |
| AVG | 0.543 | 251 | 1146 | 279 | 1277 | 0.463 | 3.1 | 1.9 | 99% | 7 | 47 | | | 0.13 | 0.50 | 6.8 | 15 | | | | | | | | | | |
| MAX | 0.600 | 317 | 1388 | 365 | 1635 | 0.499 | 3.5 | 2.1 | | 8 | 70 | 0.17 | 0.66 | 6.9 | 16 | | | | | | | | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | |
| PERMIT | 2.0 | 3107 | 3107 | 3160 | 3160 | 30 | 30 | 30 | 85% | 475 | 711 | 206 | | | 6.0 | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

[Signature]
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SRR #1 | | SRR #2 | | SRR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 02/01/13 | 6.7 | 0.9 | 6.7 | 1.4 | | | 6.5 | 6.7 | 12 | | 0.00 | 53 | 40 | 0 |
| 02/02/13 | 6.9 | 1.8 | 6.7 | 2.3 | | | 6.7 | 2.5 | 13 | | 0.01 | 55 | 34 | 0 |
| 02/03/13 | 6.9 | 1.0 | 6.7 | 1.4 | | | 6.7 | 1.2 | 13 | | 0.01 | 48 | 33 | 0 |
| 02/04/13 | 6.7 | 1.1 | 6.6 | 1.2 | | | 6.3 | 0.5 | 13 | 0.87 | 0.00 | 51 | 42 | 0 |
| 02/05/13 | 6.7 | 0.8 | 6.9 | 2.7 | | | 6.4 | 0.4 | 13 | | 0.06 | 53 | 43 | 0 |
| 02/06/13 | 6.7 | 1.4 | 6.8 | 3.4 | | | 6.5 | 0.5 | 13 | | 0.07 | 50 | 44 | 0 |
| 02/07/13 | 6.7 | 1.3 | 6.7 | 0.2 | | | 6.4 | 0.5 | 14 | | 0.01 | 48 | 33 | 0 |
| 02/08/13 | 6.7 | 1.6 | 6.8 | 1.1 | | | 6.5 | 0.6 | 14 | | 0.01 | 48 | 30 | 0 |
| 02/09/13 | 6.8 | 1.2 | 6.8 | 0.9 | | | 6.5 | 0.5 | 14 | | 0.00 | 46 | 33 | 0 |
| 02/10/13 | 6.8 | 1.0 | 6.8 | 1.5 | | | 6.5 | 0.5 | 14 | | 0.00 | 46 | 35 | 0 |
| 02/11/13 | 6.7 | 4.1 | 6.6 | 0.1 | | | 6.5 | 0.4 | 14 | 0.93 | 0.08 | 46 | 41 | 0 |
| 02/12/13 | 6.7 | 1.1 | 6.7 | 4.4 | | | 6.8 | 0.4 | 14 | | 0.10 | 51 | 43 | 0 |
| 02/13/13 | 6.7 | 0.7 | 6.9 | 2.0 | | | 6.8 | 0.4 | 14 | | 0.03 | 52 | 38 | 0 |
| 02/14/13 | 6.7 | 1.1 | 6.9 | 1.3 | | | 6.5 | 0.5 | 15 | | 0.01 | 48 | 36 | 0 |
| 02/15/13 | 6.7 | 0.8 | 6.8 | 2.8 | | | 6.5 | 0.4 | 15 | | 0.00 | 61 | 37 | 0 |
| 02/16/13 | 6.9 | 1.0 | 6.8 | 1.5 | | | 6.5 | 0.4 | 15 | | 0.07 | 51 | 38 | 0 |
| 02/17/13 | 6.8 | 0.7 | 6.8 | 1.0 | | | 6.5 | 0.5 | 15 | | 0.00 | 47 | 34 | 0 |
| 02/18/13 | 6.9 | 1.2 | 6.9 | 1.4 | | | 6.5 | 0.4 | 15 | | 0.07 | 46 | 34 | 0 |
| 02/19/13 | 6.8 | 0.9 | 6.6 | 2.7 | | | 6.5 | 0.4 | 15 | 1.07 | 0.11 | 54 | 34 | 0 |
| 02/20/13 | 6.6 | 0.9 | 6.6 | 3.6 | | | 6.6 | 0.4 | 15 | | 0.17 | 46 | 32 | 0 |
| 02/21/13 | 6.7 | 1.3 | 6.6 | 2.8 | | | 6.7 | 0.5 | 15 | | 0.10 | 45 | 39 | 0 |
| 02/22/13 | 6.7 | 0.8 | 6.6 | 1.5 | | | 6.6 | 0.4 | 15 | | 0.20 | 46 | 38 | 0 |
| 02/23/13 | 6.7 | 0.4 | 6.7 | 2.0 | | | 6.8 | 0.8 | 15 | | 0.19 | 48 | 36 | 0 |
| 02/24/13 | 6.9 | 0.3 | 6.8 | 1.0 | | | 6.7 | 0.3 | 15 | | 0.00 | 51 | 36 | 0 |
| 02/25/13 | 6.8 | 1.0 | 6.6 | 3.0 | | | 6.6 | 0.4 | 15 | 1.13 | 0.21 | 47 | 35 | 0 |
| 02/26/13 | 6.7 | 1.0 | 6.8 | 2.3 | | | 6.7 | 0.4 | 15 | | 0.01 | 48 | 34 | 0 |
| 02/27/13 | 6.7 | 0.9 | 6.9 | 4.2 | | | 6.6 | 0.4 | 15 | | 0.07 | 50 | 41 | 0 |
| 02/28/13 | 6.7 | 0.9 | 6.7 | 3.3 | | | 6.6 | 0.5 | 15 | | 0.13 | 56 | 45 | 0 |
| TOTAL | | | | | | | | | | | 1.73 | | | 0 |
| MIN | 6.6 | 0.3 | 6.6 | 0.1 | | | 6.3 | 0.3 | 12 | 0.87 | 0.00 | 46 | 30 | 0 |
| AVG | 6.8 | 1.1 | 6.7 | 2.0 | | | 6.6 | 0.5 | 14 | 1.00 | 0.06 | 50 | 37 | 0 |
| MAX | 6.9 | 4.1 | 6.9 | 4.4 | | | 6.8 | 0.7 | 16 | 1.13 | 0.21 | 61 | 45 | 0 |

CITY OF WOODLAND WWTPL MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| FREQUENCY DATE | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | | | |
|----------------|----------------|---------------|------------|---------|------------|-------------|----------|---------------------|-------------------|-------------------|----------------|---------|---------|---------|---------|---------|---------|---------------------------|-----------------|----------------|----------|-------------------|-------------------|---------------------|-------------|----------------------|----------------------|--|--|
| | CONT | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | 1/WEEK | CONT | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | DAILY | DAILY | | 1/20 | 1/20 | 1/20 | | | | | |
| | FLOW MGD | BOD 5-DAY MGD | TSS LB/DAY | TSS MGD | TSS LB/DAY | AMMONIA MGD | FLOW MGD | BOD 5-DAY % REMOVAL | BOD 5-DAY AVERAGE | BOD 5-DAY AVERAGE | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | FECAL COLIFORM M #/100 ML | FECAL GEN'L M/L | AMMONIA LB/DAY | | PH STANDARD UNITS | TEMPERATURE DEG C | NITRATE-NITRITE MGD | SULFIDE MGD | TOTAL PHOSPHORUS MGD | TOTAL PHOSPHORUS MGD | | |
| 03/01/13 | 0.505 | | | | | | 0.448 | | | | | | | | | | | | | | 16 | | | | | | | | |
| 03/02/13 | 0.508 | | | | | | 0.420 | | | | | | | | | | | | | | 16 | | | | | | | | |
| 03/03/13 | 0.495 | | | | | | 0.387 | | | | | | | | | | | | | | 16 | | | | | | | | |
| 03/04/13 | 0.528 | | | | | | 0.439 | | | | | | | | | | | | | | 16 | | | | | | | | |
| 03/05/13 | 0.590 | 320 | 1575 | 310 | 1525 | | 0.470 | 5.8 | 98% | 23 | 5.0 | 2.0 | 3.5 | 98% | 20 | 64 | | | | 6.6 | 16 | | | | | | | | |
| 03/06/13 | 0.564 | 223 | 1049 | 215 | 1011 | 30.40 | 0.508 | 2.9 | 99% | 12 | 15 | 2.0 | 3.5 | 99% | 8 | 14 | 119 | 87 | 0.15 | 0.64 | 5.7 | 16 | 2.88 | 3.59 | 3.87 | 98.8 | | | |
| 03/07/13 | 0.547 | 232 | 1058 | 240 | 1095 | | 0.440 | 3.1 | 99% | 11 | 3.5 | | | 99% | 13 | | | | | | 6.7 | 16 | | | | | | | |
| 03/08/13 | 0.559 | | | | | | 0.423 | | | | | | | | | | | | | | 6.7 | 16.1 | | | | | | | |
| 03/09/13 | 0.431 | | | | | | 0.388 | | | | | | | | | | | | | | 6.7 | 16.1 | | | | | | | |
| 03/10/13 | 0.492 | | | | | | 0.378 | | | | | | | | | | | | | | 6.7 | 16.1 | | | | | | | |
| 03/11/13 | 0.564 | | | | | | 0.468 | | | | | | | | | | | | | | 6.7 | 16.3 | | | | | | | |
| 03/12/13 | 0.555 | 263 | 1217 | 315 | 1458 | | 0.458 | 2.9 | 99% | 11 | 3.0 | | | 99% | 11 | 89 | | | | 6.7 | 16.3 | | | | | | | | |
| 03/13/13 | 0.547 | 143 | 652 | 110 | 502 | 30.50 | 0.456 | 3.5 | 98% | 13 | 12 | 3.5 | 3.8 | 97% | 13 | 14 | 65 | 76 | 0.50 | 1.90 | 6.7 | 16.2 | | | | | | | |
| 03/14/13 | 0.555 | 234 | 1085 | 285 | 1322 | | 0.464 | 2.8 | 99% | 11 | 5.0 | | | 98% | 19 | | | | | | 6.7 | 16.3 | | | | | | | |
| 03/15/13 | 0.525 | | | | | | 0.462 | | | | | | | | | | | | | | 6.8 | 16.2 | | | | | | | |
| 03/16/13 | 0.547 | | | | | | 0.458 | | | | | | | | | | | | | | 7.0 | 17.3 | | | | | | | |
| 03/17/13 | 0.491 | | | | | | 0.394 | | | | | | | | | | | | | | 6.8 | 17.0 | | | | | | | |
| 03/18/13 | 0.542 | | | | | | 0.467 | | | | | | | | | | | | | | 6.7 | 16.9 | | | | | | | |
| 03/19/13 | 0.575 | 264 | 1266 | 280 | 1343 | | 0.462 | 4.3 | 98% | 17 | 2.5 | | | 99% | 10 | 40 | | | | 6.7 | 17.0 | | | | | | | | |
| 03/20/13 | 0.605 | 237 | 1196 | 315 | 1589 | 31.90 | 0.522 | 4.0 | 98% | 17 | 16 | 1.0 | 2.6 | 100% | 4 | 11 | 86 | 58 | 0.16 | 0.70 | 6.9 | 16.7 | | | | | | | |
| 03/21/13 | 0.550 | 171 | 764 | 31 | 140 | | 0.475 | 3.6 | 98% | 14 | 4.5 | | | 85% | 18 | | | | | | 6.8 | 16.5 | | | | | | | |
| 03/22/13 | 0.492 | | | | | | 0.450 | | | | | | | | | | | | | | 6.8 | 16.6 | | | | | | | |
| 03/23/13 | 0.500 | | | | | | 0.412 | | | | | | | | | | | | | | 6.8 | 16.7 | | | | | | | |
| 03/24/13 | 0.489 | | | | | | 0.388 | | | | | | | | | | | | | | 6.7 | 16.7 | | | | | | | |
| 03/25/13 | 0.538 | | | | | | 0.446 | | | | | | | | | | | | | | 6.8 | 16.5 | | | | | | | |
| 03/26/13 | 0.531 | 184 | 815 | 325 | 1439 | | 0.460 | 4.0 | 98% | 15 | 3.5 | | | 98% | 13 | 54 | | | | 6.8 | 16.7 | | | | | | | | |
| 03/27/13 | 0.557 | 176 | 818 | 276 | 1277 | 30.10 | 0.481 | 2.1 | 2.7 | 99% | 8 | 3.0 | 3.5 | 99% | 12 | 13 | 98 | 72 | 0.18 | 0.72 | 6.8 | 17.1 | | | | | | | |
| 03/28/13 | 0.494 | 302 | 1244 | 445 | 1833 | | 0.424 | 2.0 | 99% | 7 | 4.0 | | | 99% | 14 | | | | | | 6.8 | 17.9 | | | | | | | |
| 03/29/13 | 0.447 | | | | | | 0.388 | | | | | | | | | | | | | | 6.7 | 18.4 | | | | | | | |
| 03/30/13 | 0.495 | | | | | | 0.425 | | | | | | | | | | | | | | 6.8 | 18.1 | | | | | | | |
| 03/31/13 | 0.431 | | | | | | 0.370 | | | | | | | | | | | | | | 6.8 | 18.0 | | | | | | | |
| TOTAL | 16.249 | | | | | | 13.627 | | | 161 | | | | | 156 | | | | 3.96 | | 6.6 | | | | | | | | |
| MIN | 0.431 | | | | | | | | | | | | | | | | | | | | 6.6 | | | | | | | | |
| AVG | 0.524 | 229 | 1063 | 282 | 1211 | 30.73 | 0.440 | 3.4 | 99% | 13 | 3.4 | | | 99% | 13 | 73 | | | 0.25 | 0.98 | 16.6 | 2.88 | 3.59 | 3.87 | 98.8 | | | | |
| MAX | 0.605 | 320 | 1575 | 445 | 1833 | 31.90 | 0.522 | 3.9 | | | 3.8 | | | | | | | | 0.50 | 1.90 | 18.4 | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | AVG | | | | | | | | |
| PERMIT | 2.0 BOD | | | | | | | 30 | 85% | 468 | 700 | 30 | | 85% | 475 | 711 | 200 | | | | 6.0 | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | AVG | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | 8.0 | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | TOTAL SOLIDS | WEATHER | | | SLUDGE AMOUNT DROPPED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|-----------|--------------|----------|----------|--|-------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | RAIN FALL | | MAX TEMP | MIN TEMP | | |
| 03/01/13 | 6.7 | 0.9 | 6.7 | 3.0 | | | 6.6 | 0.5 | 15.0 | 0.01 | 59 | 50 | 0 | | |
| 03/02/13 | 6.7 | 0.9 | 6.8 | 3.0 | | | 6.6 | 0.4 | 15.0 | 0.11 | 56 | 43 | 0 | | |
| 03/03/13 | 6.8 | 1.7 | 6.7 | 6.4 | | | 6.6 | 0.4 | 15.0 | 0.00 | 51 | 35 | 78000 | | |
| 03/04/13 | 6.6 | 0.8 | 6.7 | 3.0 | | | 6.6 | 0.5 | 15.0 | 0.00 | 58 | 30 | 78000 | | |
| 03/05/13 | 6.6 | 1.3 | 6.6 | 1.5 | | | 6.5 | 0.4 | 16.0 | 0.18 | 45 | 37 | 78000 | | |
| 03/06/13 | 6.6 | 0.7 | 6.7 | 2.6 | | | 6.6 | 0.4 | 16.0 | 0.43 | 45 | 42 | 0 | | |
| 03/07/13 | 6.8 | 0.5 | 6.7 | 1.2 | | | 6.4 | 6.0 | 11.0 | 0.00 | 57 | 37 | 0 | | |
| 03/08/13 | 6.7 | 0.7 | 6.7 | 2.8 | | | 6.4 | 8.3 | 13.0 | 0.01 | 56 | 31 | 0 | | |
| 03/09/13 | 6.8 | 0.6 | 6.7 | 1.0 | | | 6.4 | 7.4 | 13.0 | 0.00 | 59 | 32 | 0 | | |
| 03/10/13 | 6.8 | 1.0 | 6.7 | 1.5 | | | 6.4 | 7.0 | 13.0 | 0.02 | 48 | 35 | 0 | | |
| 03/11/13 | 6.7 | 0.7 | 6.8 | 3.0 | | | 6.8 | 4.0 | 14.0 | 0.00 | 53 | 45 | 0 | | |
| 03/12/13 | 6.7 | 0.8 | 6.8 | 1.8 | | | 6.1 | 3.6 | 14.0 | 0.00 | 61 | 46 | 0 | | |
| 03/13/13 | 6.8 | 1.0 | 6.9 | 6.3 | | | 6.1 | 3.5 | 14.0 | 0.00 | 62 | 48 | 0 | | |
| 03/14/13 | 6.7 | 0.9 | 6.8 | 1.6 | | | 6.1 | 3.4 | 14.0 | 0.01 | 59 | 47 | 0 | | |
| 03/15/13 | 6.7 | 1.2 | 6.8 | 1.0 | | | 6.1 | 3.0 | 14.0 | 0.00 | 63 | 46 | 0 | | |
| 03/16/13 | 7.0 | 1.2 | 6.7 | 3.5 | | | 6.4 | 1.3 | 16.0 | 0.24 | 52 | 39 | 0 | | |
| 03/17/13 | 7.0 | 0.8 | 6.7 | 3.5 | | | 6.4 | 0.9 | 16.0 | 0.07 | 48 | 36 | 0 | | |
| 03/18/13 | 6.7 | 1.1 | 6.8 | 3.0 | | | 6.1 | 2.1 | 16.0 | 0.02 | 52 | 38 | 0 | | |
| 03/19/13 | 6.7 | 0.5 | 6.8 | 3.4 | | | 6.3 | 1.8 | 16.0 | 0.57 | 52 | 36 | 0 | | |
| 03/20/13 | 6.7 | 0.5 | 6.8 | 0.1 | | | 6.4 | 7.8 | 16.0 | 0.55 | 53 | 40 | 0 | | |
| 03/21/13 | 6.9 | 0.5 | 6.8 | 3.0 | | | 6.4 | 2.5 | 16.0 | 0.14 | 46 | 37 | 0 | | |
| 03/22/13 | 6.9 | 2.5 | 7.0 | 1.1 | | | 6.2 | 0.8 | 16.0 | 0.13 | 47 | 34 | 0 | | |
| 03/23/13 | 6.8 | 0.5 | 6.9 | 0.6 | | | 6.3 | 0.7 | 16.0 | 0.00 | 50 | 33 | 0 | | |
| 03/24/13 | 6.7 | 0.6 | 6.8 | 1.3 | | | 6.5 | 0.5 | 16.0 | 0.00 | 57 | 36 | 0 | | |
| 03/25/13 | 6.7 | 0.5 | 6.8 | 1.0 | | | 6.3 | 0.8 | 16.0 | 0.03 | 64 | 39 | 0 | | |
| 03/26/13 | 6.7 | 0.5 | 6.7 | 1.9 | | | 6.4 | 0.9 | 16.0 | 0.02 | 54 | 40 | 0 | | |
| 03/27/13 | 6.8 | 0.4 | 6.8 | 0.1 | | | 6.3 | 0.3 | 16.0 | 0.02 | 65 | 44 | 0 | | |
| 03/28/13 | 6.8 | 0.4 | 6.8 | 2.3 | | | 6.1 | 0.8 | 17.0 | 0.00 | 64 | 49 | 0 | | |
| 03/29/13 | 6.8 | 0.5 | 6.9 | 2.7 | | | 5.8 | 0.5 | 18.0 | 0.00 | 69 | 48 | 0 | | |
| 03/30/13 | 6.8 | 0.4 | 6.9 | 2.0 | | | 6.9 | 0.5 | 19.0 | 0.00 | 74 | 41 | 0 | | |
| 03/31/13 | 6.8 | 0.4 | 6.9 | 1.2 | | | 6.8 | 0.6 | 19.0 | 0.00 | 75 | 42 | 0 | | |
| TOTAL | | | | | | | | | | 2.56 | | | 234000 | | |
| MIN | 6.6 | 0.4 | 6.6 | 0.1 | | | 5.8 | 0.3 | 11.0 | 0.58 | 45 | 30 | 0 | | |
| AVG | 6.8 | 0.8 | 6.8 | 2.3 | | | 6.4 | 2.3 | 15.4 | 0.88 | 57 | 40 | 7548 | | |
| MAX | 7.0 | 2.5 | 7.0 | 6.4 | | | 6.9 | 8.3 | 19.0 | 1.28 | 75 | 50 | 78000 | | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| FREQUENCY | PLANT EFFLUENT | | | | | | | | | | PLANT INFLUENT | | | | | | | | | | COMMENTS | | | | | |
|-----------|----------------|---------------|---------|---------|-------------|----------|---------------|-----------|---------------|---------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|-------|-------------------|--------------------|---------------------|--------------|
| | CONC | 2WEEK | 2WEEK | 2WEEK | 1WEEK | CONC | 2WEEK | BOD 5-DAY | BOD 5-DAY | BOD 5-DAY | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | | 1WEEK | DAILY | 1/30 | 1/30 | 1/30 |
| DATE | FLOW MGD | BOD 5-DAY MGD | TSS MGD | TSS MGD | AMMONIA MGD | FLOW MGD | BOD 5-DAY MGD | % REMOVAL | BOD 5-DAY MGD | BOD 5-DAY MGD | LBS BOD 5-DAY | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | TSS MGD | AMMONIA MGD | PH | TEMPERATURE DEG C | ORTHOPHOSPHATE MGD | TOTAL PHOSPHATE MGD | HARDNESS MGD |
| 04/01/13 | 0.509 | | | | 0.415 | | | | | | | | | | | | | | | | | 6.7 | 18.8 | | | |
| 04/02/13 | 0.507 | 320 | 1353 | 575 | 2431 | 0.445 | 3.5 | 99% | 13 | 8.0 | | | | | | | | | | | | 6.8 | 19.0 | | | |
| 04/03/13 | 0.491 | 181 | 741 | 160 | 655 | 0.442 | 2.7 | 99% | 10 | 3.5 | 12 | | | | | | | | | | | 6.8 | 18.6 | 5.78 | 6.31 | 123.0 |
| 04/04/13 | 0.504 | 172 | 723 | 280 | 1219 | 0.421 | 3.7 | 98% | 13 | 5.0 | | | | | | | | | | | | 6.8 | 18.7 | | | |
| 04/05/13 | 0.511 | | | | 0.447 | | | | | | | | | | | | | | | | | 6.9 | 18.1 | | | |
| 04/06/13 | 0.524 | | | | 0.454 | | | | | | | | | | | | | | | | | 7.0 | 17.5 | | | |
| 04/07/13 | 0.512 | | | | 0.427 | | | | | | | | | | | | | | | | | 6.8 | 17.1 | | | |
| 04/08/13 | 0.521 | | | | 0.447 | | | | | | | | | | | | | | | | | 6.8 | 17.6 | | | |
| 04/09/13 | 0.545 | 249 | 1132 | 380 | 1636 | 0.454 | 2.2 | 99% | 8 | 2.0 | 8 | | | | | | | | | | | 6.8 | 18.0 | | | |
| 04/10/13 | 0.535 | 240 | 1071 | 305 | 1361 | 0.453 | 2.5 | 99% | 9 | 2.5 | 9 | | | | | | | | | | | 6.7 | 18.7 | | | |
| 04/11/13 | 0.515 | 248 | 1065 | 345 | 1482 | 0.444 | 2.6 | 99% | 10 | 3.0 | 11 | | | | | | | | | | | 6.7 | 18.4 | | | |
| 04/12/13 | 0.504 | | | | 0.450 | | | | | | | | | | | | | | | | | 6.8 | 17.9 | | | |
| 04/13/13 | 0.496 | | | | 0.425 | | | | | | | | | | | | | | | | | 6.8 | 17.7 | | | |
| 04/14/13 | 0.522 | | | | 0.392 | | | | | | | | | | | | | | | | | 6.8 | 18.4 | | | |
| 04/15/13 | 0.502 | | | | 0.423 | | | | | | | | | | | | | | | | | 6.8 | 18.4 | | | |
| 04/16/13 | 0.529 | 274 | 1209 | 390 | 1721 | 0.446 | 2.9 | 99% | 11 | 2.5 | 9 | | | | | | | | | | | 6.8 | 18.5 | | | |
| 04/17/13 | 0.517 | 195 | 845 | 155 | 688 | 0.441 | 2.5 | 99% | 9 | 3.5 | 13 | | | | | | | | | | | 6.8 | 18.4 | | | |
| 04/18/13 | 0.536 | 296 | 1323 | 435 | 1945 | 0.443 | 3.0 | 99% | 11 | 4.5 | 17 | | | | | | | | | | | 6.9 | 18.8 | | | |
| 04/19/13 | 0.485 | | | | 0.451 | | | | | | | | | | | | | | | | | 6.9 | 18.7 | | | |
| 04/20/13 | 0.506 | | | | 0.418 | | | | | | | | | | | | | | | | | 6.9 | 18.3 | | | |
| 04/21/13 | 0.504 | | | | 0.410 | | | | | | | | | | | | | | | | | 6.8 | 18.6 | | | |
| 04/22/13 | 0.528 | | | | 0.438 | | | | | | | | | | | | | | | | | 6.8 | 18.5 | | | |
| 04/23/13 | 0.494 | 253 | 1042 | 410 | 1689 | 0.452 | 2.9 | 99% | 11 | 4.0 | 15 | | | | | | | | | | | 6.8 | 18.7 | | | |
| 04/24/13 | 0.477 | 295 | 1174 | 350 | 1392 | 0.420 | 3.1 | 98% | 11 | 5.5 | 18 | | | | | | | | | | | 6.9 | 18.5 | | | |
| 04/25/13 | 0.477 | 329 | 1309 | 335 | 1333 | 0.447 | 2.5 | 99% | 9 | 4.0 | 15 | | | | | | | | | | | 7.1 | 18.8 | | | |
| 04/26/13 | 0.436 | | | | 0.385 | | | | | | | | | | | | | | | | | 6.8 | 18.5 | | | |
| 04/27/13 | 0.446 | | | | 0.392 | | | | | | | | | | | | | | | | | 7.0 | 19.0 | | | |
| 04/28/13 | 0.470 | | | | 0.398 | | | | | | | | | | | | | | | | | 6.8 | 19.0 | | | |
| 04/29/13 | 0.532 | | | | 0.445 | | | | | | | | | | | | | | | | | 6.8 | 18.8 | | | |
| 04/30/13 | 0.503 | | | | 0.430 | | | | | | | | | | | | | | | | | 6.8 | 18.8 | | | |
| TOTAL | 15.138 | | | | 12.953 | | | | 128 | | 178 | | | | | | | | | | 2.50 | | | | | |
| MIN | 0.438 | | | | | | | | | | | | | | | | | | | | | 6.7 | | | | |
| AVG | 0.505 | 254 | 1082 | 343 | 1461 | 0.432 | 2.8 | 99% | 10 | 4.0 | 15 | | | | | | | | | | | 6.8 | 18.5 | 5.78 | 6.31 | 123.0 |
| MAX | 0.545 | 329 | 1353 | 575 | 2431 | 0.454 | | | | | | | | | | | | | | | | 7.1 | 19.0 | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | 6.8 | | | | |
| PERMIT | 31 MGD | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

PLANT SUPERINTENDENT

[Signature]
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0620401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 04/01/13 | 6.7 | 0.5 | 6.9 | 2.1 | | | 6.7 | 0.5 | 18.9 | 0.99 | 0.00 | 67 | 44 | 0 |
| 04/02/13 | 6.6 | 0.5 | 6.9 | 1.0 | | | 6.6 | 0.4 | 19.0 | | 0.00 | 61 | 49 | 0 |
| 04/03/13 | 6.7 | 0.5 | 6.8 | 0.1 | | | 6.6 | 0.4 | 19.0 | | 0.00 | 66 | 41 | 0 |
| 04/04/13 | 6.7 | 0.4 | 6.8 | 1.3 | | | 6.6 | 0.4 | 19.5 | | 0.26 | 61 | 52 | 0 |
| 04/05/13 | 6.7 | 0.2 | 6.7 | 0.8 | | | 6.6 | 0.7 | 19.2 | | 0.20 | 59 | 50 | 0 |
| 04/06/13 | 7.1 | 1.3 | 6.7 | 1.9 | | | 6.8 | 0.6 | 19.4 | | 0.48 | 56 | 44 | 0 |
| 04/07/13 | 7.0 | 0.6 | 6.8 | 1.3 | | | 6.8 | 0.7 | 18.7 | | 0.42 | 52 | 42 | 0 |
| 04/08/13 | 6.8 | 1.0 | 6.8 | 1.9 | | | 6.2 | 0.5 | 19.3 | 1.09 | 0.03 | 55 | 39 | 78000 |
| 04/09/13 | 6.8 | 0.6 | 6.8 | 2.8 | | | 6.5 | 0.3 | 19.8 | | 0.00 | 55 | 37 | 78000 |
| 04/10/13 | 6.7 | 2.2 | 6.8 | 0.1 | | | 6.9 | 0.3 | 19.8 | | 0.18 | 57 | 47 | 78000 |
| 04/11/13 | 6.7 | 0.6 | 6.7 | 0.9 | | | 7.0 | 8.2 | 14.0 | | 0.02 | 57 | 43 | 0 |
| 04/12/13 | 6.7 | 2.1 | 6.8 | 0.8 | | | 6.9 | 7.5 | 14.9 | | 0.14 | 52 | 36 | 0 |
| 04/13/13 | 6.8 | 1.7 | 6.8 | 2.0 | | | 6.9 | 7.4 | 15.1 | | 0.18 | 50 | 38 | 0 |
| 04/14/13 | 6.7 | 0.5 | 6.7 | 2.0 | | | 6.7 | 7.1 | 15.2 | | 0.05 | 53 | 40 | 0 |
| 04/15/13 | 6.6 | 0.5 | 6.6 | 0.5 | | | 6.8 | 7.4 | 15.2 | 0.31 | 0.08 | 58 | 35 | 0 |
| 04/16/13 | 6.8 | 0.6 | 6.8 | 1.1 | | | 6.8 | 7.1 | 15.3 | | 0.01 | 60 | 35 | 0 |
| 04/17/13 | 6.7 | 0.5 | 6.7 | 0.1 | | | 6.7 | 6.5 | 15.4 | | 0.00 | 58 | 35 | 0 |
| 04/18/13 | 6.8 | 0.6 | 7.0 | 0.8 | | | 6.6 | 6.1 | 15.6 | | 0.04 | 56 | 46 | 0 |
| 04/19/13 | 6.7 | 0.6 | 6.9 | 0.7 | | | 6.6 | 5.8 | 15.8 | | 0.27 | 55 | 49 | 0 |
| 04/20/13 | 6.8 | 0.8 | 6.9 | 1.0 | | | 6.8 | 5.6 | 15.8 | | 0.00 | 57 | 47 | 0 |
| 04/21/13 | 6.8 | 1.0 | 7.0 | 0.8 | | | 6.8 | 5.4 | 15.8 | | 0.03 | 53 | 43 | 0 |
| 04/22/13 | 6.7 | 2.2 | 6.9 | 0.1 | | | 6.5 | 4.1 | 16.1 | 0.40 | 0.00 | 65 | 38 | 0 |
| 04/23/13 | 6.8 | 0.5 | 6.8 | 1.0 | | | 6.3 | 3.2 | 16.2 | | 0.00 | 68 | 37 | 0 |
| 04/24/13 | 6.7 | 1.2 | 6.8 | 0.1 | | | 6.3 | 2.4 | 16.4 | | 0.00 | 74 | 38 | 0 |
| 04/25/13 | 6.7 | 0.6 | 6.8 | 0.9 | | | 6.1 | 1.6 | 16.7 | | 0.00 | 74 | 41 | 0 |
| 04/26/13 | 6.6 | 1.7 | 6.8 | 0.9 | | | 7.0 | 0.5 | 16.9 | | 0.00 | 78 | 43 | 0 |
| 04/27/13 | 6.9 | 2.0 | 6.7 | 1.9 | | | 7.2 | 4.3 | 17.0 | | 0.01 | 66 | 42 | 0 |
| 04/28/13 | 7.0 | 2.6 | 6.7 | 1.7 | | | 7.2 | 4.1 | 17.5 | | 0.04 | 64 | 51 | 0 |
| 04/29/13 | 6.6 | 1.5 | 6.8 | 0.9 | | | 6.9 | 3.6 | 17.7 | 0.54 | 0.03 | 57 | 42 | 0 |
| 04/30/13 | 6.7 | 1.3 | 6.8 | 1.4 | | | 6.9 | 3.7 | 17.8 | | 0.00 | 57 | 41 | 0 |
| TOTAL | | | | | | | | | | | 2.49 | | | 234000 |
| MIN | 6.6 | 0.2 | 6.6 | 0.1 | | | 6.1 | 0.3 | 14.0 | 0.31 | 0.00 | 60 | 35 | 0 |
| AVG | 6.8 | 1.0 | 6.8 | 1.1 | | | 6.7 | 3.5 | 17.1 | 0.67 | 0.08 | 60 | 42 | 78000 |
| MAX | 7.1 | 2.6 | 7.0 | 2.8 | | | 7.2 | 8.2 | 19.8 | 1.09 | 0.49 | 78 | 52 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY DATE | PLANT INFLUENT | | | | PLANT EFFLUENT | | | | | | | | | | | | | COMMENTS | | | | | | | | | | | | | | | |
|----------------|----------------|---------------|---------|---------|----------------|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|-----|-----|-----|-----|-----|----|
| | CONT | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | | DAILY | DAILY | DAILY | 120 | 120 | 120 | 120 | | | | | | | | |
| | FLOW MGD | BOD-5/DAY MGD | TSS MGD | TSS MGD | AMMONIA MGD | FLOW MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | BOD-5/DAY MGD | | | | | | | |
| 05/07/13 | 0.538 | 203 | 913 | 150 | 674 | 0.456 | 2.4 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | | | | | | |
| 05/02/13 | 0.461 | 302 | 1161 | 305 | 1173 | 0.400 | 2.3 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | | | | | | |
| 05/03/13 | 0.470 | | | | | 0.423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/04/13 | 0.488 | | | | | 0.391 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/05/13 | 0.476 | | | | | 0.390 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/06/13 | 0.507 | | | | | 0.408 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/07/13 | 0.470 | 297 | 1164 | 300 | 1176 | 0.401 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | |
| 05/08/13 | 0.488 | 282 | 1148 | 290 | 1180 | 0.399 | 2.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | |
| 05/09/13 | 0.487 | 218 | 849 | 115 | 448 | 0.391 | 2.2 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | | | | | |
| 05/10/13 | 0.483 | | | | | 0.412 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/11/13 | 0.449 | | | | | 0.394 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/12/13 | 0.481 | | | | | 0.399 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/13/13 | 0.494 | | | | | 0.406 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/14/13 | 0.461 | 300 | 1153 | 370 | 1423 | 0.392 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | |
| 05/15/13 | 0.492 | 269 | 1104 | 285 | 1169 | 0.400 | 1.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | |
| 05/16/13 | 0.466 | 445 | 1729 | 395 | 1555 | 0.392 | 1.8 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | |
| 05/17/13 | 0.438 | | | | | 0.379 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/18/13 | 0.439 | | | | | 0.360 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/19/13 | 0.475 | | | | | 0.377 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/20/13 | 0.475 | | | | | 0.393 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/21/13 | 0.493 | 308 | 1286 | 300 | 1233 | 0.416 | 1.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | |
| 05/22/13 | 0.555 | 236 | 1092 | 250 | 1157 | 0.497 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | | | |
| 05/23/13 | 0.520 | 289 | 1253 | 290 | 1258 | 0.475 | 1.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | |
| 05/24/13 | 0.437 | | | | | 0.412 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/25/13 | 0.419 | | | | | 0.355 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/26/13 | 0.417 | | | | | 0.354 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/27/13 | 0.498 | | | | | 0.408 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05/28/13 | 0.511 | 298 | 1270 | 350 | 1492 | 0.432 | 2.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | |
| 05/29/13 | 0.482 | 208 | 853 | 310 | 1272 | 0.450 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | |
| 05/30/13 | 0.516 | 259 | 1115 | 330 | 1420 | 0.457 | 2.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | |
| 05/31/13 | 0.482 | | | | | 0.440 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14,839 | | | | | 12,629 | | 76 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIN | 0.417 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 0.479 | 280 | 1148 | 289 | 1186 | 0.407 | 1.9 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | |
| MAX | 0.565 | 445 | 1729 | 395 | 1535 | 0.497 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.8 MGD | AVG | 3107 | AVG | 3160 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 | AVG | 30 |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title

Signature

PLANT SUPERINTENDENT

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | TOTAL SOLIDS | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|-----------|--------------|----------|----------|--|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | RAIN FALL | | MAX TEMP | MIN TEMP | | |
| 05/01/13 | 6.4 | 1.1 | 6.8 | 1.3 | | | 6.8 | 0.3 | 17.9 | 0.00 | 68 | 34 | 0 | | |
| 05/02/13 | 6.8 | 1.1 | 6.8 | 1.1 | | | 6.9 | 3.6 | 16.2 | 0.00 | 78 | 43 | 0 | | |
| 05/03/13 | 6.7 | 1.4 | 6.9 | 0.9 | | | 6.8 | 0.3 | 16.5 | 0.00 | 79 | 48 | 0 | | |
| 05/04/13 | 6.8 | 0.9 | 6.8 | 1.0 | | | 6.8 | 0.2 | 18.8 | 0.00 | 84 | 45 | 0 | | |
| 05/05/13 | 6.7 | 1.4 | 6.8 | 1.7 | | | 6.8 | 0.2 | 19.1 | 0.00 | 87 | 46 | 0 | | |
| 05/06/13 | 6.7 | 1.7 | 6.7 | 0.6 | | | 6.8 | 0.2 | 18.5 | 0.00 | 83 | 48 | 0 | | |
| 05/07/13 | 6.7 | 0.6 | 6.8 | 1.6 | | | 6.8 | 0.4 | 20.1 | 0.00 | 72 | 48 | 0 | | |
| 05/08/13 | 6.7 | 0.8 | 6.8 | 3.2 | | | 6.7 | 0.4 | 20.6 | 0.00 | 70 | 53 | 0 | | |
| 05/09/13 | 6.7 | 0.9 | 6.7 | 3.2 | | | 6.6 | 0.3 | 21.0 | 0.00 | 77 | 52 | 0 | | |
| 05/10/13 | 6.7 | 0.8 | 6.8 | 2.0 | | | 6.6 | 0.3 | 21.0 | 0.00 | 81 | 50 | 0 | | |
| 05/11/13 | 6.7 | 1.0 | 6.8 | 1.4 | | | 6.6 | 0.4 | 21.5 | 0.00 | 84 | 54 | 0 | | |
| 05/12/13 | 6.8 | 1.2 | 6.7 | 0.8 | | | 6.6 | 0.4 | 21.6 | 0.01 | 70 | 59 | 0 | | |
| 05/13/13 | 6.7 | 0.6 | 6.7 | 2.8 | | | 7.0 | 0.2 | 22.8 | 0.09 | 68 | 47 | 78000 | | |
| 05/14/13 | 6.7 | 0.8 | 6.7 | 0.7 | | | 6.9 | 0.2 | 22.6 | 0.00 | 67 | 44 | 78000 | | |
| 05/15/13 | 6.7 | 0.9 | 6.8 | 1.1 | | | 6.9 | 0.2 | 23.0 | 0.04 | 58 | 46 | 78000 | | |
| 05/16/13 | 6.7 | 0.7 | 6.8 | 2.8 | | | 6.9 | 0.2 | 23.1 | 0.09 | 65 | 52 | 0 | | |
| 05/17/13 | 6.7 | 0.6 | 6.7 | 2.0 | | | 6.7 | 7.1 | 16.0 | 0.04 | 63 | 50 | 0 | | |
| 05/18/13 | 6.8 | 0.3 | 6.7 | 3.1 | | | 6.9 | 3.1 | 16.9 | 0.01 | 59 | 50 | 0 | | |
| 05/19/13 | 6.9 | 0.9 | 6.8 | 3.3 | | | 6.8 | 2.5 | 17.5 | 0.03 | 65 | 51 | 0 | | |
| 05/20/13 | 6.9 | 1.0 | 6.8 | 2.1 | | | 6.8 | 2.4 | 17.4 | 0.00 | 72 | 47 | 0 | | |
| 05/21/13 | 6.5 | 0.7 | 6.7 | 2.0 | | | 6.5 | 0.4 | 20.4 | 0.36 | 55 | 46 | 0 | | |
| 05/22/13 | 6.6 | 3.3 | 6.7 | 1.2 | | | 6.5 | 1.7 | 18.3 | 1.17 | 49 | 44 | 0 | | |
| 05/23/13 | 6.6 | 0.8 | 6.8 | 1.7 | | | 6.5 | 2.1 | 18.3 | 0.66 | 52 | 44 | 0 | | |
| 05/24/13 | 6.5 | 2.6 | 6.6 | 3.4 | | | 6.3 | 0.5 | 18.4 | 0.29 | 56 | 47 | 0 | | |
| 05/25/13 | 6.6 | 3.1 | 6.6 | 0.3 | | | 6.4 | 0.4 | 18.3 | 0.00 | 66 | 45 | 0 | | |
| 05/26/13 | 6.7 | 2.2 | 6.7 | 3.7 | | | 6.3 | 1.1 | 18.7 | 0.07 | 65 | 52 | 0 | | |
| 05/27/13 | 6.7 | 1.1 | 6.7 | 0.6 | | | 6.3 | 1.0 | 18.7 | 0.42 | 65 | 51 | 0 | | |
| 05/28/13 | 6.7 | 1.1 | 6.8 | 1.1 | | | 5.5 | 0.3 | 19.8 | 0.09 | 64 | 52 | 0 | | |
| 05/29/13 | 6.7 | 2.8 | 6.7 | 1.0 | | | 7.0 | 0.3 | 20.1 | 0.39 | 63 | 51 | 0 | | |
| 05/30/13 | 6.6 | 0.8 | 6.8 | 0.1 | | | 7.0 | 0.3 | 20.0 | 0.06 | 60 | 49 | 0 | | |
| 05/31/13 | 6.6 | 1.0 | 6.7 | 1.2 | | | 6.8 | 0.4 | 21.0 | 0.00 | 66 | 48 | 0 | | |
| TOTAL | | | | | | | | | | 3.84 | | | 234000 | | |
| MIN | 6.4 | 0.3 | 6.6 | 0.1 | | | 5.5 | 0.2 | 16.0 | 0.00 | 49 | 34 | 0 | | |
| AVG | 6.7 | 1.2 | 6.7 | 1.7 | | | 6.7 | 1.0 | 19.7 | 0.12 | 66 | 48 | 7548 | | |
| MAX | 6.9 | 3.3 | 6.9 | 3.7 | | | 7.0 | 7.1 | 23.1 | 1.17 | 87 | 59 | 78000 | | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 6,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROS) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|------------------|-----|------|--------------|-----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 06/01/13 | 6.6 | 0.9 | 6.7 | 1.0 | | | 6.8 | 0.4 | 21.0 | | 0.00 | 74 | 49 | 0 |
| 06/02/13 | 6.7 | 1.0 | 6.8 | 0.9 | | | 6.7 | 0.4 | 21.2 | | 0.00 | 70 | 55 | 0 |
| 06/03/13 | 6.7 | 0.9 | 6.7 | 2.3 | | | 6.7 | 0.2 | 22.3 | 0.95 | 0.00 | 74 | 53 | 0 |
| 06/04/13 | 6.7 | 0.8 | 6.7 | 1.2 | | | 6.7 | 0.2 | 22.6 | | 0.00 | 84 | 50 | 0 |
| 06/05/13 | 6.7 | 0.8 | 6.7 | 1.8 | | | 6.7 | 0.3 | 22.9 | | 0.00 | 80 | 57 | 0 |
| 06/06/13 | 6.6 | 0.6 | 6.9 | 0.9 | | | 6.6 | 0.3 | 23.3 | | 0.00 | 81 | 54 | 0 |
| 06/07/13 | 6.7 | 1.0 | 6.9 | 3.6 | | | 6.6 | 0.3 | 23.3 | | 0.00 | 75 | 51 | 0 |
| 06/08/13 | 7.0 | 1.0 | 6.7 | 2.5 | | | 6.7 | 0.3 | 24.0 | | 0.00 | 75 | 51 | 0 |
| 06/09/13 | 7.0 | 0.8 | 6.6 | 2.6 | | | 6.8 | 0.3 | 24.2 | | 0.00 | 71 | 53 | 0 |
| 06/10/13 | 6.8 | 0.8 | 6.8 | 0.2 | | | 6.9 | 0.2 | 24.4 | 1.08 | 0.00 | 88 | 49 | 0 |
| 06/11/13 | 6.7 | 1.1 | 6.8 | 1.3 | | | 6.9 | 0.2 | 24.3 | | 0.33 | 62 | 50 | 0 |
| 06/12/13 | 6.8 | 1.0 | 6.8 | 1.1 | | | 6.9 | 0.3 | 24.3 | | 0.30 | 62 | 50 | 0 |
| 06/13/13 | 6.8 | 0.9 | 6.9 | 1.2 | | | 6.9 | 0.3 | 24.4 | | 0.39 | 62 | 51 | 0 |
| 06/14/13 | 6.8 | 2.1 | 6.8 | 2.9 | | | 7.0 | 0.3 | 24.8 | | 0.00 | 67 | 50 | 0 |
| 06/15/13 | 6.8 | 0.8 | 6.8 | 3.0 | | | 6.9 | 0.3 | 24.9 | | 0.00 | 80 | 66 | 0 |
| 06/16/13 | 6.8 | 1.2 | 6.9 | 1.4 | | | 6.9 | 0.3 | 24.8 | | 0.00 | 72 | 57 | 0 |
| 06/17/13 | 6.8 | 1.0 | 6.9 | 1.2 | | | 6.9 | 0.3 | 24.8 | 1.19 | 0.01 | 77 | 55 | 78000 |
| 06/18/13 | 6.7 | 0.6 | 6.9 | 2.3 | | | 6.8 | 0.2 | 25.0 | | 0.14 | 70 | 50 | 78000 |
| 06/19/13 | 6.7 | 1.1 | 6.8 | 1.2 | | | 7.0 | 0.2 | 25.1 | | 0.13 | 64 | 54 | 78000 |
| 06/20/13 | 6.8 | 1.2 | 6.8 | 0.7 | | | 7.0 | 0.4 | 25.3 | | 0.03 | 67 | 53 | 0 |
| 06/21/13 | 6.8 | 1.0 | 6.8 | 0.9 | | | 7.0 | 0.3 | 25.3 | | 0.02 | 69 | 53 | 0 |
| 06/22/13 | 6.8 | 1.1 | 6.8 | 0.6 | | | 7.0 | 0.4 | 25.4 | | 0.00 | 79 | 50 | 0 |
| 06/23/13 | 6.8 | 0.8 | 6.8 | 1.2 | | | 7.0 | 0.5 | 25.5 | | 0.21 | 68 | 59 | 0 |
| 06/24/13 | 6.7 | 0.9 | 6.9 | 0.7 | | | 6.9 | 0.2 | 25.5 | 1.12 | 0.10 | 67 | 57 | 0 |
| 06/25/13 | 6.7 | 0.9 | 6.8 | 0.6 | | | 6.6 | 5.9 | 25.5 | | 0.17 | 68 | 57 | 0 |
| 06/26/13 | 6.6 | 1.7 | 6.8 | 1.1 | | | 6.5 | 1.2 | 20.1 | | 0.08 | 72 | 58 | 0 |
| 06/27/13 | 6.7 | 0.4 | 6.8 | 0.2 | | | 6.6 | 0.6 | 20.6 | | 0.02 | 80 | 60 | 0 |
| 06/28/13 | 6.7 | 0.6 | 6.8 | 0.1 | | | 6.6 | 0.4 | 21.8 | | 0.00 | 90 | 59 | 0 |
| 06/29/13 | 6.7 | 1.7 | 6.8 | 2.8 | | | 6.7 | 0.3 | 21.6 | | 0.00 | 88 | 62 | 0 |
| 06/30/13 | 6.9 | 1.2 | 6.8 | 3.5 | | | 6.7 | 0.2 | 22.1 | | 0.00 | 94 | 60 | 0 |
| TOTAL | | | | | | | | | | | 1.93 | | | 234000 |
| MIN | 6.6 | 0.4 | 6.6 | 0.1 | | | 6.5 | 0.2 | 20.1 | 0.95 | 0.00 | 62 | 49 | 0 |
| AVG | 6.8 | 1.0 | 6.8 | 1.5 | | | 6.8 | 0.5 | 23.7 | 1.09 | 0.06 | 74 | 54 | 8069 |
| MAX | 7.0 | 2.1 | 6.9 | 3.6 | | | 7.0 | 5.9 | 25.5 | 1.19 | 0.39 | 94 | 66 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,590 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SRR #1 | | SRR #2 | | SRR #3 | | DIGESTER (AEROBIC) | | | | TOTAL SOLIDS | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|-----------|--------------|----------|----------|--|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | RAIN FALL | | MAX TEMP | MIN TEMP | | |
| 07/01/13 | 6.6 | 1.2 | 7.0 | 3.1 | | | 6.3 | 0.2 | 22.6 | 0.00 | 88 | 63 | 0 | | |
| 07/02/13 | 6.7 | 1.0 | 7.0 | 3.1 | | | 6.6 | 0.2 | 23.0 | 0.00 | 83 | 61 | 0 | | |
| 07/03/13 | 6.7 | 1.1 | 7.0 | 1.6 | | | 6.6 | 0.3 | 23.4 | 0.00 | 80 | 59 | 0 | | |
| 07/04/13 | 6.7 | 1.0 | 7.0 | 2.0 | | | 6.6 | 0.5 | 23.8 | 0.00 | 72 | 56 | 0 | | |
| 07/05/13 | 6.8 | 1.5 | 6.9 | 1.7 | | | 6.6 | 0.5 | 24.0 | 0.00 | 74 | 54 | 0 | | |
| 07/06/13 | 6.7 | 1.6 | 6.9 | 3.5 | | | 6.6 | 0.4 | 24.3 | 0.00 | 79 | 51 | 0 | | |
| 07/07/13 | 6.7 | 0.6 | 6.8 | 1.8 | | | 6.6 | 0.4 | 24.6 | 0.00 | 78 | 59 | 0 | | |
| 07/08/13 | 6.9 | 2.0 | 7.0 | 2.8 | | | 6.3 | 0.6 | 24.8 | 0.00 | 80 | 58 | 0 | | |
| 07/09/13 | 6.8 | 0.8 | 6.9 | 1.2 | | | 6.2 | 0.4 | 25.1 | 0.81 | 87 | 58 | 0 | | |
| 07/10/13 | 6.9 | 2.6 | 6.9 | 1.9 | | | 6.1 | 0.4 | 25.4 | 0.00 | 75 | 56 | 0 | | |
| 07/11/13 | 6.9 | 1.0 | 7.0 | 1.4 | | | 6.1 | 0.4 | 25.4 | 0.00 | 74 | 51 | 0 | | |
| 07/12/13 | 6.9 | 2.5 | 7.0 | 1.0 | | | 6.9 | 0.4 | 25.5 | 0.00 | 71 | 51 | 0 | | |
| 07/13/13 | 6.9 | 1.5 | 6.9 | 1.8 | | | 6.8 | 0.4 | 25.6 | 0.00 | 80 | 53 | 0 | | |
| 07/14/13 | 6.9 | 1.0 | 7.0 | 2.0 | | | 6.8 | 0.4 | 25.8 | 0.00 | 85 | 52 | 0 | | |
| 07/15/13 | 6.7 | 1.4 | 6.8 | 1.0 | | | 6.9 | 0.4 | 26.1 | 0.00 | 85 | 54 | 0 | | |
| 07/16/13 | 6.8 | 1.8 | 6.9 | 2.4 | | | 6.8 | 0.3 | 26.3 | 0.00 | 88 | 54 | 0 | | |
| 07/17/13 | 6.8 | 2.5 | 6.9 | 2.7 | | | 6.8 | 0.3 | 26.5 | 0.00 | 74 | 60 | 0 | | |
| 07/18/13 | 6.8 | 2.1 | 7.0 | 0.2 | | | 6.9 | 0.3 | 26.6 | 0.00 | 78 | 54 | 0 | | |
| 07/19/13 | 6.8 | 0.8 | 7.0 | 1.9 | | | 7.0 | 0.2 | 26.8 | 0.00 | 79 | 57 | 0 | | |
| 07/20/13 | 7.0 | 1.2 | 7.0 | 2.5 | | | 7.0 | 0.2 | 26.8 | 0.00 | 78 | 57 | 0 | | |
| 07/21/13 | 7.0 | 1.9 | 7.0 | 2.2 | | | 7.0 | 0.2 | 26.8 | 0.00 | 78 | 57 | 0 | | |
| 07/22/13 | 6.8 | 1.5 | 6.8 | 0.9 | | | 7.0 | 0.2 | 26.8 | 1.01 | 78 | 58 | 0 | | |
| 07/23/13 | 6.8 | 0.5 | 7.0 | 1.4 | | | 7.0 | 0.2 | 27.0 | 0.00 | 87 | 56 | 0 | | |
| 07/24/13 | 6.8 | 0.8 | 7.0 | 0.4 | | | 7.0 | 0.2 | 27.1 | 0.00 | 86 | 57 | 0 | | |
| 07/25/13 | 6.8 | 1.0 | 7.0 | 1.2 | | | 7.0 | 0.2 | 27.2 | 0.00 | 86 | 58 | 0 | | |
| 07/26/13 | 6.8 | 1.4 | 7.0 | 0.8 | | | 7.0 | 0.2 | 27.3 | 0.00 | 84 | 57 | 0 | | |
| 07/27/13 | 6.9 | 1.7 | 7.0 | 3.3 | | | 7.0 | 0.2 | 27.3 | 0.00 | 77 | 57 | 0 | | |
| 07/28/13 | 6.8 | 1.2 | 6.9 | 0.4 | | | 7.0 | 0.2 | 27.3 | 0.00 | 70 | 57 | 0 | | |
| 07/29/13 | 6.8 | 1.0 | 6.9 | 0.3 | | | 7.0 | 0.2 | 27.3 | 0.00 | 76 | 54 | 0 | | |
| 07/30/13 | 6.8 | 1.8 | 6.9 | 0.5 | | | 7.0 | 0.2 | 27.2 | 0.00 | 76 | 58 | 0 | | |
| 07/31/13 | 6.9 | 1.4 | 6.9 | 1.0 | | | 7.0 | 0.2 | 27.1 | 0.00 | 72 | 59 | 0 | | |
| TOTAL | | | | | | | | | | 0.00 | | | 0 | | |
| MIN | 6.6 | 0.5 | 6.8 | 0.2 | | | 6.1 | 0.2 | 22.6 | 0.91 | 70 | 51 | 0 | | |
| AVG | 6.8 | 1.4 | 6.9 | 1.7 | | | 6.8 | 0.3 | 25.8 | 0.96 | 79 | 56 | 0 | | |
| MAX | 7.0 | 2.6 | 7.0 | 3.5 | | | 7.0 | 0.6 | 27.3 | 1.01 | 88 | 63 | 0 | | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | SRR #1 | | | SRR #2 | | | SRR #3 | | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|-----|--------|-----|--|--------|-----|------|--------------------|----|------|--------------|-----------|---------|---------|--------------------------------|
| | PH | DO | | PH | DO | | PH | DO | | PH | DO | TEMP | TOTAL SOLIDS | RAIN/FALL | MAXTEMP | MINTEMP | |
| 08/01/13 | 6.9 | 2.4 | 0.5 | 6.9 | 0.5 | | 7.0 | 0.2 | 27.1 | 0.04 | 66 | 56 | | 0.04 | 66 | 56 | 0 |
| 08/02/13 | 6.8 | 1.1 | 1.1 | 6.9 | 1.1 | | 6.9 | 0.1 | 27.1 | 0.01 | 69 | 58 | | 0.01 | 69 | 58 | 0 |
| 08/03/13 | 6.9 | 1.0 | 0.8 | 6.9 | 0.8 | | 6.9 | 0.1 | 27.1 | 0.00 | 79 | 59 | | 0.00 | 79 | 59 | 0 |
| 08/04/13 | 6.8 | 1.5 | 0.6 | 6.9 | 0.6 | | 6.9 | 0.2 | 27.2 | 0.00 | 87 | 56 | | 0.00 | 87 | 56 | 0 |
| 08/05/13 | 6.9 | 0.2 | 1.1 | 6.8 | 1.1 | | 7.0 | 0.2 | 27.3 | 1.18 | 85 | 59 | | 0.00 | 85 | 59 | 0 |
| 08/06/13 | 6.8 | 0.2 | 2.0 | 6.8 | 2.0 | | 6.9 | 0.1 | 27.3 | 0.00 | 88 | 55 | | 0.00 | 88 | 55 | 0 |
| 08/07/13 | 7.0 | 0.2 | 0.2 | 6.9 | 0.2 | | 6.9 | 0.1 | 27.3 | 0.00 | 84 | 55 | | 0.00 | 84 | 55 | 0 |
| 08/08/13 | 7.0 | 0.4 | 2.1 | 6.9 | 2.1 | | 6.9 | 0.1 | 27.2 | 0.00 | 80 | 60 | | 0.00 | 80 | 60 | 0 |
| 08/09/13 | 7.0 | 0.6 | 1.5 | 6.9 | 1.5 | | 6.9 | 0.1 | 27.2 | 0.01 | 76 | 59 | | 0.01 | 76 | 59 | 78000 |
| 08/10/13 | 7.0 | 0.5 | 3.2 | 6.9 | 3.2 | | 6.9 | 0.2 | 27.4 | 0.00 | 77 | 60 | | 0.00 | 77 | 60 | 78000 |
| 08/11/13 | 6.9 | 0.2 | 3.2 | 7.0 | 3.2 | | 6.9 | 0.2 | 27.6 | 0.00 | 73 | 60 | | 0.00 | 73 | 60 | 78000 |
| 08/12/13 | 6.8 | 0.4 | 0.9 | 6.8 | 0.9 | | 6.9 | 0.4 | 27.2 | 1.31 | 79 | 60 | | 0.00 | 79 | 60 | 0 |
| 08/13/13 | 6.8 | 1.4 | 1.2 | 6.8 | 1.2 | | 6.8 | 1.6 | 24.5 | | 84 | 54 | | 0.00 | 84 | 54 | 0 |
| 08/14/13 | 6.8 | 2.3 | 1.1 | 6.7 | 1.1 | | 6.5 | 0.4 | 24.2 | | 82 | 56 | | 0.00 | 82 | 56 | 0 |
| 08/15/13 | 6.7 | 2.0 | 1.3 | 6.7 | 1.3 | | 6.5 | 0.3 | 24.1 | | 75 | 63 | | 0.02 | 75 | 63 | 0 |
| 08/16/13 | 6.8 | 1.5 | 4.6 | 6.7 | 4.6 | | 6.9 | 1.1 | 24.4 | | 85 | 62 | | 0.00 | 85 | 62 | 0 |
| 08/17/13 | 6.8 | 0.8 | 1.2 | 6.8 | 1.2 | | 6.8 | 1.0 | 24.5 | | 80 | 59 | | 0.00 | 80 | 59 | 0 |
| 08/18/13 | 6.8 | 1.2 | 1.5 | 6.8 | 1.5 | | 6.8 | 1.0 | 24.6 | | 80 | 62 | | 0.00 | 80 | 62 | 0 |
| 08/19/13 | 6.7 | 1.7 | 1.8 | 6.8 | 1.8 | | 6.7 | 0.8 | 25.5 | 0.73 | 79 | 56 | | 0.00 | 79 | 56 | 0 |
| 08/20/13 | 6.7 | 2.6 | 3.3 | 6.7 | 3.3 | | 6.5 | 0.4 | 25.9 | | 81 | 54 | | 0.00 | 81 | 54 | 0 |
| 08/21/13 | 6.8 | 1.9 | 3.4 | 6.9 | 3.4 | | 7.0 | 0.3 | 26.0 | | 87 | 53 | | 0.00 | 87 | 53 | 0 |
| 08/22/13 | 6.9 | 0.9 | 3.2 | 6.8 | 3.2 | | 7.0 | 0.3 | 26.2 | | 80 | 55 | | 0.00 | 80 | 55 | 0 |
| 08/23/13 | 6.8 | 2.1 | 2.8 | 6.9 | 2.8 | | 7.0 | 0.3 | 26.4 | | 76 | 62 | | 0.00 | 76 | 62 | 0 |
| 08/24/13 | 6.8 | 0.6 | 1.2 | 6.9 | 1.2 | | 7.0 | 0.3 | 26.6 | | 76 | 62 | | 0.00 | 76 | 62 | 0 |
| 08/25/13 | 6.8 | 1.2 | 1.3 | 6.9 | 1.3 | | 6.9 | 0.3 | 26.5 | | 69 | 55 | | 0.00 | 69 | 55 | 0 |
| 08/26/13 | 6.8 | 2.1 | 0.6 | 6.8 | 0.6 | | 7.0 | 0.2 | 26.8 | 0.93 | 78 | 61 | | 0.11 | 78 | 61 | 0 |
| 08/27/13 | 6.8 | 1.1 | 3.3 | 6.8 | 3.3 | | 7.0 | 0.2 | 27.3 | | 81 | 61 | | 0.02 | 81 | 61 | 0 |
| 08/28/13 | 6.8 | 0.7 | 3.5 | 6.8 | 3.5 | | 7.0 | 0.2 | 27.2 | | 81 | 63 | | 0.05 | 81 | 63 | 0 |
| 08/29/13 | 6.8 | 1.3 | 4.4 | 6.8 | 4.4 | | 6.9 | 0.3 | 27.9 | | 77 | 64 | | 0.27 | 77 | 64 | 0 |
| 08/30/13 | 6.8 | 0.7 | 3.4 | 6.8 | 3.4 | | 6.9 | 0.3 | 28.2 | | 79 | 63 | | 0.00 | 79 | 63 | 0 |
| 08/31/13 | 6.8 | 1.4 | 1.4 | 6.9 | 1.4 | | 6.9 | 0.3 | 28.3 | | 89 | 54 | | 0.00 | 89 | 54 | 0 |
| TOTAL | | | | | | | | | | | | | | 0.53 | | | 234000 |
| MIN | 6.7 | 0.2 | 0.2 | 6.7 | 0.2 | | 6.5 | 0.1 | 24.1 | 0.73 | 66 | 53 | | 0.00 | 66 | 53 | 0 |
| AVG | 6.8 | 1.2 | 2.0 | 6.8 | 2.0 | | 6.9 | 0.4 | 26.5 | 1.04 | 79 | 69 | | 0.02 | 79 | 69 | 7548 |
| MAX | 7.0 | 2.6 | 4.6 | 7.0 | 4.6 | | 7.0 | 1.6 | 28.3 | 1.31 | 89 | 64 | | 0.27 | 89 | 64 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | | | | | |
|-----------|----------------|-------|-------|-------|-------|--------|-------|------------------------|---------------------|---------------------------|----------------|-------------|---------------|-----------------|-----------------|--------------------------|-------|-------------|-------|-----------------|----------|------|-------|------------------------|-------|--------------------------------|------|-----|-----|--------------|-----|
| | CONT | 2WEEK | 2WEEK | 2WEEK | 1WEEK | CONT | 2WEEK | BOD 5-DAY DIVY MGD AVG | BOD 5-DAY % REMOVAL | LBS BOD 5-DAY LIBRARY AVG | 2WEEK | TSS MGD AVG | TSS % REMOVAL | TSS LIBRARY AVG | TSS LIBRARY AVG | FECAL COLIFORM M #100 ML | 2WEEK | FECAL GEN 7 | 1WEEK | AMMONIA LIBRARY | | PH | DAILY | TEMPERATURE °F @ 20 CM | DAILY | INTEGRATED NITRATE-NITRITE MGD | 180 | 180 | 180 | HARDNESS MGD | |
| 09/01/13 | 0.430 | | | | | 0.381 | | | | | | | | | | | | | | | | 7.0 | 24.0 | | | | | | | | |
| 09/02/13 | 0.482 | | | | | 0.428 | | | | | | | | | | | | | | | | 7.0 | 24.0 | | | | | | | | |
| 09/03/13 | 0.554 | 333 | 1538 | 370 | 1710 | 0.480 | 2.3 | 99% | 9 | 3.0 | | 99% | 12 | | 14 | | | | | | 6.9 | 24.1 | | | | | | | | | |
| 09/04/13 | 0.519 | 274 | 1186 | 355 | 1537 | 0.492 | 1.9 | 99% | 8 | 3.5 | 3.3 | 99% | 14 | 14 | 13 | 13 | | | | 0.13 | 0.53 | 7.0 | 24.1 | 3.58 | 7.50 | 7.85 | 94.4 | | | | |
| 09/05/13 | 0.642 | 313 | 1676 | 325 | 1740 | 0.547 | 2.0 | 99% | 9 | 3.5 | | 99% | 16 | | | | | | | | | 7.0 | 23.6 | | | | | | | | |
| 09/06/13 | 0.506 | | | | | 0.536 | | | | | | | | | | | | | | | | 7.0 | 23.4 | | | | | | | | |
| 09/07/13 | 0.509 | | | | | 0.465 | | | | | | | | | | | | | | | | 7.0 | 23.5 | | | | | | | | |
| 09/08/13 | 0.482 | | | | | 0.427 | | | | | | | | | | | | | | | | 7.0 | 23.4 | | | | | | | | |
| 09/09/13 | 0.555 | | | | | 0.486 | | | | | | | | | | | | | | | | 7.0 | 23.4 | | | | | | | | |
| 09/10/13 | 0.545 | 189 | 859 | 145 | 659 | 0.491 | 1.9 | 99% | 8 | 2.5 | | 98% | 10 | | 13 | | | | | | | 7.0 | 23.8 | | | | | | | | |
| 09/11/13 | 0.516 | 252 | 1084 | 275 | 1183 | 0.486 | 1.4 | 100% | 6 | 2.0 | 2.1 | 99% | 8 | 9 | 17 | 14 | | | | 0.20 | 0.81 | 7.0 | 24.2 | | | | | | | | |
| 09/12/13 | 0.559 | 223 | 1040 | 265 | 1235 | 0.489 | 1.7 | 99% | 7 | 2.0 | | 99% | 8 | | | | | | | | | 7.0 | 23.3 | | | | | | | | |
| 09/13/13 | 0.468 | | | | | 0.467 | | | | | | | | | | | | | | | | 7.1 | 24.1 | | | | | | | | |
| 09/14/13 | 0.494 | | | | | 0.428 | | | | | | | | | | | | | | | | 7.0 | 23.9 | | | | | | | | |
| 09/15/13 | 0.510 | | | | | 0.435 | | | | | | | | | | | | | | | | 7.1 | 24.1 | | | | | | | | |
| 09/16/13 | 0.588 | | | | | 0.497 | | | | | | | | | | | | | | | | 7.0 | 24.0 | | | | | | | | |
| 09/17/13 | 0.539 | 197 | 886 | 130 | 584 | 0.485 | 1.4 | 99% | 6 | 1.0 | | 99% | 4 | | 5 | | | | | | | 6.8 | 23.5 | | | | | | | | |
| 09/18/13 | 0.526 | 260 | 1141 | 270 | 921 | 0.469 | 1.2 | 100% | 5 | 1.5 | 1.5 | 99% | 6 | 6 | 16 | 9 | | | | 0.18 | 0.70 | 6.8 | 23.3 | | | | | | | | |
| 09/19/13 | 0.533 | 235 | 1045 | 210 | 833 | 0.471 | 1.2 | 99% | 5 | 2.0 | | 99% | 8 | | | | | | | | | 7.0 | 23.0 | | | | | | | | |
| 09/20/13 | 0.490 | | | | | 0.456 | | | | | | | | | | | | | | | | 6.8 | 23.1 | | | | | | | | |
| 09/21/13 | 0.506 | | | | | 0.457 | | | | | | | | | | | | | | | | 7.1 | 23.1 | | | | | | | | |
| 09/22/13 | 0.535 | | | | | 0.454 | | | | | | | | | | | | | | | | 7.1 | 22.9 | | | | | | | | |
| 09/23/13 | 0.594 | | | | | 0.518 | | | | | | | | | | | | | | | | 7.1 | 22.7 | | | | | | | | |
| 09/24/13 | 0.557 | 172 | 799 | 115 | 534 | 0.505 | 1.7 | 99% | 7 | 2.0 | | 98% | 8 | | 13 | | | | | | | 6.9 | 22.8 | | | | | | | | |
| 09/25/13 | 0.553 | 198 | 913 | 145 | 669 | 0.495 | 1.3 | 1.4 | 99% | 5 | 2.0 | 1.8 | 99% | 8 | 4 | 7 | | | | 0.13 | 0.54 | 6.9 | 22.5 | | | | | | | | |
| 09/26/13 | 0.537 | 218 | 976 | 255 | 1142 | 0.487 | 1.4 | 99% | 6 | 1.5 | | 99% | 6 | | | | | | | | | 7.0 | 22.1 | | | | | | | | |
| 09/27/13 | 0.613 | | | | | 0.536 | | | | | | | | | | | | | | | | 7.0 | 22.2 | | | | | | | | |
| 09/28/13 | 0.625 | | | | | 0.560 | | | | | | | | | | | | | | | | 7.0 | 21.8 | | | | | | | | |
| 09/29/13 | 0.621 | | | | | 0.576 | | | | | | | | | | | | | | | | 7.0 | 21.7 | | | | | | | | |
| 09/30/13 | 0.636 | | | | | 0.545 | | | | | | | | | | | | | | | | 7.0 | 21.7 | | | | | | | | |
| TOTAL | 16,234 | | | | | 14,549 | | | 80 | | | | 105 | | | | | | | 2.58 | | | | | | | | | | | |
| MIN | 0.430 | | | | | | | | | | | | | | | | | | | | | 6.8 | | | | | | | | | |
| AVG | 0.541 | 239 | 1095 | 233 | 1071 | 0.485 | 1.6 | 99% | 7 | 2.2 | | 99% | 9 | | 11 | | | | | 0.16 | 0.65 | 23.3 | 23.3 | 3.58 | 7.50 | 7.85 | 94.4 | | | | |
| MAX | 0.642 | 333 | 1676 | 370 | 1740 | 0.576 | 2.0 | | | | 3.3 | | 14 | 14 | 14 | 14 | | | | 0.20 | 0.81 | 7.1 | 24.2 | | | | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| PERMIT | 50 | 3107 | 3107 | 3107 | 3160 | 3160 | 30 | 85% | 468 | 700 | 30 | 85% | 475 | 711 | 200 | 400 | | | | | | 8.0 | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT

Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DICHESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|---------------------|------|--------------|-----------|----------|----------|--------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | | |
| 09/01/13 | 6.8 | 0.8 | 6.8 | 0.9 | | | 7.0 | 0.2 | 28.4 | 0.00 | 84 | 58 | 0 | |
| 09/02/13 | 6.8 | 1.0 | 6.8 | 1.2 | | | 7.0 | 0.2 | 28.5 | 0.00 | 80 | 60 | 0 | |
| 09/03/13 | 6.8 | 1.2 | 6.8 | 1.0 | | | 7.0 | 0.3 | 29.2 | 1.20 | 79 | 61 | 0 | |
| 09/04/13 | 6.7 | 1.1 | 6.9 | 2.7 | | | 7.0 | 0.3 | 29.4 | 0.00 | 72 | 59 | 0 | |
| 09/05/13 | 7.0 | 0.8 | 6.7 | 1.2 | | | 7.0 | 0.2 | 29.5 | 0.48 | 70 | 60 | 0 | |
| 09/06/13 | 6.9 | 2.5 | 6.7 | 0.8 | | | 7.0 | 0.2 | 29.2 | 1.15 | 67 | 58 | 0 | |
| 09/07/13 | 6.8 | 0.6 | 6.7 | 3.5 | | | 7.0 | 0.2 | 29.1 | 0.01 | 79 | 56 | 0 | |
| 09/08/13 | 6.7 | 2.1 | 6.7 | 1.0 | | | 7.0 | 0.2 | 29.2 | 0.00 | 63 | 56 | 0 | |
| 09/09/13 | 6.8 | 0.9 | 6.8 | 2.7 | | | 7.0 | 0.2 | 29.2 | 0.00 | 81 | 61 | 0 | |
| 09/10/13 | 6.8 | 0.8 | 7.0 | 1.5 | | | 7.0 | 0.2 | 29.2 | 1.27 | 85 | 58 | 0 | |
| 09/11/13 | 6.7 | 0.7 | 7.0 | 1.3 | | | 7.0 | 0.2 | 29.3 | 0.00 | 94 | 58 | 78000 | |
| 09/12/13 | 6.8 | 0.6 | 7.0 | 3.6 | | | 7.0 | 0.2 | 29.3 | 0.00 | 79 | 61 | 78000 | |
| 09/13/13 | 6.9 | 0.7 | 7.0 | 1.1 | | | 6.8 | 0.3 | 29.4 | 0.00 | 70 | 61 | 78000 | |
| 09/14/13 | 6.9 | 0.6 | 7.0 | 1.4 | | | 6.4 | 0.2 | 29.4 | 0.00 | 77 | 61 | 0 | |
| 09/15/13 | 6.9 | 0.5 | 7.0 | 1.0 | | | 6.8 | 0.2 | 29.5 | 0.38 | 66 | 62 | 0 | |
| 09/16/13 | 6.8 | 1.2 | 6.7 | 3.0 | | | 7.0 | 6.6 | 20.8 | 0.43 | 66 | 58 | 0 | |
| 09/17/13 | 6.8 | 1.0 | 6.8 | 1.8 | | | 6.7 | 5.9 | 21.4 | 0.02 | 67 | 54 | 0 | |
| 09/18/13 | 6.7 | 1.5 | 6.8 | 0.3 | | | 6.8 | 4.9 | 20.7 | 0.04 | 72 | 53 | 0 | |
| 09/19/13 | 6.8 | 0.8 | 6.8 | 1.3 | | | 6.7 | 4.0 | 21.8 | 0.01 | 79 | 47 | 0 | |
| 09/20/13 | 6.8 | 1.0 | 6.8 | 0.3 | | | 6.7 | 3.2 | 22.1 | 0.04 | 72 | 50 | 0 | |
| 09/21/13 | 7.0 | 1.7 | 6.9 | 2.3 | | | 6.7 | 1.7 | 22.3 | 0.11 | 66 | 56 | 0 | |
| 09/22/13 | 7.0 | 0.4 | 6.8 | 0.3 | | | 6.8 | 1.2 | 22.5 | 0.39 | 60 | 56 | 0 | |
| 09/23/13 | 7.0 | 1.0 | 6.7 | 3.0 | | | 6.7 | 1.0 | 22.6 | 0.35 | 60 | 54 | 0 | |
| 09/24/13 | 6.9 | 2.2 | 6.8 | 0.5 | | | 6.3 | 0.4 | 22.8 | 0.18 | 59 | 51 | 0 | |
| 09/25/13 | 7.0 | 0.7 | 6.9 | 2.3 | | | 6.7 | 0.3 | 22.6 | 0.01 | 60 | 49 | 0 | |
| 09/26/13 | 6.8 | 4.0 | 6.9 | 0.5 | | | 6.8 | 0.2 | 22.6 | 0.00 | 67 | 46 | 0 | |
| 09/27/13 | 6.9 | 0.8 | 6.9 | 1.0 | | | 6.8 | 0.3 | 22.7 | 0.55 | 55 | 47 | 0 | |
| 09/28/13 | 6.9 | 0.4 | 6.9 | 4.1 | | | 6.7 | 0.3 | 22.7 | 1.09 | 62 | 53 | 0 | |
| 09/29/13 | 6.9 | 0.4 | 6.9 | 3.6 | | | 6.7 | 0.3 | 22.6 | 1.18 | 57 | 51 | 0 | |
| 09/30/13 | 6.9 | 0.5 | 6.8 | 0.6 | | | 6.7 | 0.3 | 22.6 | 0.29 | 60 | 49 | 0 | |
| TOTAL | | | | | | | | | | 6.97 | | | 234000 | |
| MIN | 6.7 | 0.4 | 6.7 | 0.3 | | | 6.3 | 0.2 | 20.7 | 0.29 | 55 | 46 | 0 | |
| AVG | 6.9 | 1.1 | 6.8 | 1.7 | | | 6.8 | 1.1 | 25.7 | 0.84 | 71 | 55 | 7800 | |
| MAX | 7.0 | 4.0 | 7.0 | 4.1 | | | 7.0 | 6.6 | 29.5 | 1.18 | 94 | 62 | 78000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | | | | | | | | |
|-----------|----------------|-------------------|-------------|-------------|-----------------|-------------|-------------------|------------------------|--------------------------------|---------------------------------|----------------|-------------|-------------|-------------|-------------|----------------------------------|--------------------------|------------------------------|------------------------------|-------------------------|----------|-------|---|---|-----------------------------|-----------------------------|------------------|--|--|--|--|--|--|--|
| | CONT | 2WEEK | 2WEEK | 2WEEK | 1WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 2WEEK | 1WEEK | 1WEEK | 1WEEK | 1WEEK | 1WEEK | | 1WEEK | 1WEEK | 1WEEK | | | | | | | | | | |
| DATE | FLOW MGD | BOD 5-DAY MG/L | TSS MG/L | TSS MG/L | AMMONIA MG/L | FLOW MGD | BOD 5-DAY MG/L | BOD 5-DAY % REMOVAL | BOD 5-DAY LABORATORY AVG | LBS BOD LABORATORY AVG | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | TSS MG/L | FECAL COLOUR IN #100 ML | FECAL COLONY COUNT | AMMONIA LABORATORY AVG | AMMONIA LABORATORY AVG | pH STANDARD UNITS | DAILY | DAILY | NITRATE NITRITE NITROGEN LABORATORY AVG | NITRATE NITRITE NITROGEN LABORATORY AVG | TOTAL PHOSPHORUS MG/L | TOTAL PHOSPHORUS MG/L | HARDNESS MG/L | | | | | | | |
| 10/01/13 | 0.593 | 129 | 638 | 105 | 519 | | 0.528 | 1.8 | 99% | 8 | 2.0 | 2.0 | 1.7 | 98% | 9 | 40 | | 0.14 | 0.59 | 6.7 | 21.1 | 4.57 | 7.67 | 7.49 | 98.4 | | | | | | | | | |
| 10/02/13 | 0.585 | 265 | 1293 | 220 | 1073 | 26.80 | 0.505 | 2.2 | 1.3 | 99% | 9 | 8 | 2.0 | 1.7 | 99% | 8 | 7 | 54 | 48 | 0.14 | 6.9 | 21.0 | 4.57 | 7.67 | 7.49 | 98.4 | | | | | | | | |
| 10/03/13 | 0.549 | 183 | 838 | 135 | 618 | | 0.495 | 1.5 | 99% | 6 | 1.0 | | | 99% | 4 | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/04/13 | 0.493 | | | | | | 0.465 | | | | | | | | | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/05/13 | 0.511 | | | | | | 0.428 | | | | | | | | | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/06/13 | 0.524 | | | | | | 0.416 | | | | | | | | | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/07/13 | 0.546 | | | | | | 0.475 | | | | | | | | | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/08/13 | 0.531 | 189 | 837 | 80 | 364 | | 0.470 | 1.9 | 99% | 7 | 1.0 | | | 99% | 4 | 48 | | 0.15 | 0.59 | 6.8 | 21.3 | | | | | | | | | | | | | |
| 10/09/13 | 0.538 | 240 | 1077 | 245 | 1099 | 32.10 | 0.472 | 2.3 | 2.0 | 99% | 9 | 8 | 1.0 | 1.0 | 100% | 4 | 4 | 38 | 42 | 0.15 | 6.9 | 21.1 | | | | | | | | | | | | |
| 10/10/13 | 0.557 | 205 | 962 | 250 | 1161 | | 0.480 | 1.8 | 99% | 7 | 1.0 | | | 100% | 4 | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/11/13 | 0.529 | | | | | | 0.468 | | | | | | | | | | | | | 7.0 | 21.1 | | | | | | | | | | | | | |
| 10/12/13 | 0.480 | | | | | | 0.396 | | | | | | | | | | | | | 7.1 | 21.1 | | | | | | | | | | | | | |
| 10/13/13 | 0.486 | | | | | | 0.401 | | | | | | | | | | | | | 7.1 | 21.0 | | | | | | | | | | | | | |
| 10/14/13 | 0.529 | | | | | | 0.449 | | | | | | | | | | | | | 7.0 | 20.9 | | | | | | | | | | | | | |
| 10/15/13 | 0.509 | 404 | 1715 | 360 | 1528 | | 0.463 | 2.5 | 99% | 10 | 1.5 | | | 100% | 6 | 44 | | | 7.0 | 20.8 | | | | | | | | | | | | | | |
| 10/16/13 | 0.517 | 245 | 1056 | 265 | 1143 | 34.50 | 0.461 | 2.1 | 2.3 | 99% | 8 | 9 | 1.5 | 1.7 | 99% | 6 | 6 | 21 | 30 | 0.15 | 0.58 | 7.0 | 20.9 | | | | | | | | | | | |
| 10/17/13 | 0.510 | 333 | 1416 | 310 | 1319 | | 0.444 | 2.2 | 99% | 8 | 2.0 | | | 99% | 7 | | | | | 7.0 | 20.8 | | | | | | | | | | | | | |
| 10/18/13 | 0.453 | | | | | | 0.428 | | | | | | | | | | | | | 7.0 | 20.8 | | | | | | | | | | | | | |
| 10/19/13 | 0.464 | | | | | | 0.417 | | | | | | | | | | | | | 7.1 | 21.1 | | | | | | | | | | | | | |
| 10/20/13 | 0.478 | | | | | | 0.400 | | | | | | | | | | | | | 7.1 | 21.0 | | | | | | | | | | | | | |
| 10/21/13 | 0.536 | | | | | | 0.470 | | | | | | | | | | | | | 7.0 | 20.9 | | | | | | | | | | | | | |
| 10/22/13 | 0.499 | 191 | 795 | 130 | 541 | | 0.445 | 3.0 | 99% | 11 | 2.5 | | | 98% | 9 | 20 | | | 7.0 | 20.8 | | | | | | | | | | | | | | |
| 10/23/13 | 0.493 | 276 | 1143 | 295 | 1213 | 33.60 | 0.425 | 2.3 | 2.5 | 99% | 8 | 7 | 1.0 | 1.3 | 100% | 4 | 5 | 52 | 57 | 0.13 | 0.47 | 7.0 | 20.4 | | | | | | | | | | | |
| 10/24/13 | 0.496 | 182 | 761 | 125 | 516 | | 0.445 | 2.3 | 99% | 9 | 1.0 | | | 98% | 4 | | | | | 7.0 | 20.1 | | | | | | | | | | | | | |
| 10/25/13 | 0.466 | | | | | | 0.438 | | | | | | | | | | | | | 6.7 | 21.3 | | | | | | | | | | | | | |
| 10/26/13 | 0.475 | | | | | | 0.401 | | | | | | | | | | | | | 6.8 | 21.1 | | | | | | | | | | | | | |
| 10/27/13 | 0.519 | | | | | | 0.422 | | | | | | | | | | | | | 6.9 | 21.0 | | | | | | | | | | | | | |
| 10/28/13 | 0.500 | | | | | | 0.434 | | | | | | | | | | | | | 7.0 | 20.5 | | | | | | | | | | | | | |
| 10/29/13 | 0.485 | 260 | 1052 | 255 | 1031 | | 0.421 | 1.8 | 99% | 6 | 1.5 | | | 99% | 5 | 64 | | | 7.0 | 20.5 | | | | | | | | | | | | | | |
| 10/30/13 | 0.491 | 247 | 1011 | 245 | 1003 | 36.60 | 0.423 | 2.0 | 1.9 | 99% | 7 | 7 | 1.0 | 1.3 | 100% | 4 | 5 | 52 | 57 | 0.13 | 0.47 | 7.0 | 20.4 | | | | | | | | | | | |
| 10/31/13 | 0.490 | 272 | 1112 | 295 | 1206 | | 0.419 | 2.0 | 99% | 7 | 1.5 | | | 99% | 5 | | | | | 7.0 | 20.7 | | | | | | | | | | | | | |
| TOTAL | 15-331 | | | | | | 13.804 | | | 121 | | | | | 86 | | | 2.76 | | | | | | | | | | | | | | | | |
| MIN | 0.453 | | | | | | | | | | | | | | | | | | | 6.7 | | | | | | | | | | | | | | |
| AVG | 0.511 | 242 | 1046 | 221 | 955 | 32.72 | 0.445 | 2.1 | 99% | 8 | 1.5 | | | 99% | 6 | 40 | | 0.14 | 0.55 | 7.0 | 20.9 | 4.57 | 7.67 | 7.49 | 98.4 | | | | | | | | | |
| MAX | 0.593 | 404 | 1715 | 360 | 1528 | 36.60 | 0.528 | 2.5 | 99% | 11 | 2.5 | | | 100% | 9 | 44 | | 0.15 | 0.59 | 7.1 | 22.2 | | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERMIT | 2.0 | 300 | 3107 | 3160 | 3160 | | 3.0 | 30 | 85% | 468 | 700 | 30 | | 85% | 475 | 711 | 200 | | | 6.0 | | | | | | | | | | | | | | |
| AVG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK WORGAN
 PLANT SUPERINTENDENT
 Signature
 11/6/13

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|-----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 10/01/13 | 6.7 | 0.8 | 6.6 | 2.0 | | | 6.3 | 0.3 | 22.3 | 0.75 | 0.30 | 55 | 46 | 0 |
| 10/02/13 | 6.9 | 2.9 | 6.8 | 1.8 | | | 6.8 | 0.3 | 22.3 | | 0.22 | 53 | 46 | 0 |
| 10/03/13 | 6.9 | 0.9 | 6.8 | 0.8 | | | 6.8 | 0.3 | 22.2 | | 0.00 | 56 | 45 | 0 |
| 10/04/13 | 6.9 | 1.0 | 7.0 | 2.2 | | | 6.8 | 0.3 | 22.2 | | 0.01 | 67 | 42 | 0 |
| 10/05/13 | 6.9 | 1.2 | 7.0 | 2.0 | | | 6.8 | 0.3 | 22.2 | | 0.01 | 72 | 41 | 0 |
| 10/06/13 | 6.9 | 0.8 | 6.9 | 1.2 | | | 6.8 | 0.3 | 22.4 | | 0.01 | 74 | 43 | 0 |
| 10/07/13 | 6.9 | 1.5 | 6.7 | 0.5 | | | 6.8 | 0.2 | 22.4 | 0.84 | 0.22 | 61 | 52 | 0 |
| 10/08/13 | 6.7 | 1.8 | 6.7 | 3.2 | | | 6.7 | 0.2 | 22.4 | | 0.16 | 58 | 42 | 0 |
| 10/09/13 | 6.9 | 1.4 | 6.8 | 0.3 | | | 6.8 | 0.2 | 22.3 | | 0.01 | 61 | 38 | 0 |
| 10/10/13 | 7.0 | 0.7 | 6.8 | 2.6 | | | 6.8 | 0.2 | 22.3 | | 0.02 | 57 | 46 | 0 |
| 10/11/13 | 6.9 | 0.3 | 6.8 | 3.1 | | | 6.7 | 0.2 | 22.3 | | 0.00 | 58 | 49 | 0 |
| 10/12/13 | 7.1 | 0.3 | 6.7 | 3.3 | | | 7.1 | 0.2 | 22.4 | | 0.05 | 58 | 44 | 0 |
| 10/13/13 | 7.0 | 0.3 | 6.7 | 0.3 | | | 7.1 | 0.2 | 22.4 | | 0.01 | 60 | 42 | 0 |
| 10/14/13 | 7.0 | 0.4 | 6.7 | 1.9 | | | 6.8 | 0.2 | 22.4 | 0.95 | 0.01 | 64 | 37 | 0 |
| 10/15/13 | 6.8 | 0.9 | 6.9 | 1.0 | | | 6.9 | 0.2 | 22.3 | | 0.01 | 68 | 39 | 0 |
| 10/16/13 | 6.9 | 0.8 | 6.9 | 0.5 | | | 7.0 | 0.3 | 22.2 | | 0.00 | 63 | 41 | 0 |
| 10/17/13 | 6.9 | 2.2 | 6.9 | 2.4 | | | 7.0 | 0.3 | 22.2 | | 0.01 | 60 | 43 | 0 |
| 10/18/13 | 6.9 | 1.1 | 6.9 | 2.7 | | | 7.0 | 0.4 | 22.4 | | 0.01 | 67 | 40 | 0 |
| 10/19/13 | 6.9 | 2.7 | 7.0 | 0.9 | | | 7.0 | 0.6 | 22.6 | | 0.01 | 67 | 40 | 0 |
| 10/20/13 | 6.9 | 0.5 | 7.0 | 1.7 | | | 6.9 | 2.2 | 22.9 | | 0.00 | 59 | 45 | 78000 |
| 10/21/13 | 6.9 | 0.9 | 6.9 | 1.6 | | | 6.8 | 1.3 | 23.1 | 1.11 | 0.00 | 65 | 45 | 78000 |
| 10/22/13 | 6.9 | 0.6 | 7.0 | 1.2 | | | 6.8 | 1.4 | 23.2 | | 0.01 | 69 | 45 | 78000 |
| 10/23/13 | 6.8 | 1.7 | 6.9 | 5.2 | | | 6.8 | 1.8 | 23.3 | | 0.01 | 70 | 44 | 0 |
| 10/24/13 | 7.0 | 0.1 | 6.9 | 3.0 | | | 6.7 | 9.8 | 15.6 | | 0.00 | 63 | 48 | 0 |
| 10/25/13 | 6.6 | 1.4 | 6.9 | 3.1 | | | 6.5 | 0.3 | 18.5 | | 0.00 | 59 | 47 | 0 |
| 10/26/13 | 6.8 | 1.0 | 6.9 | 2.1 | | | 6.6 | 0.4 | 18.7 | | 0.00 | 57 | 48 | 0 |
| 10/27/13 | 6.8 | 0.8 | 6.9 | 1.4 | | | 6.6 | 0.4 | 18.8 | | 0.20 | 58 | 46 | 0 |
| 10/28/13 | 6.7 | 2.3 | 6.9 | 2.4 | | | 6.8 | 0.6 | 19.0 | 1.56 | 0.00 | 61 | 40 | 0 |
| 10/29/13 | 7.0 | 2.3 | 7.0 | 0.3 | | | 6.4 | 0.6 | 19.0 | | 0.01 | 61 | 35 | 0 |
| 10/30/13 | 7.0 | 3.9 | 7.0 | 6.5 | | | 6.4 | 0.5 | 19.1 | | 0.01 | 56 | 35 | 0 |
| 10/31/13 | 7.0 | 1.4 | 7.0 | 0.9 | | | 6.4 | 0.6 | 19.2 | | 0.01 | 55 | 49 | 0 |
| TOTAL | | | | | | | | | | | 1.32 | | | 234000 |
| MIN | 6.6 | 0.1 | 6.6 | 0.3 | | | 6.3 | 0.2 | 15.6 | 0.75 | 0.00 | 53 | 35 | 0 |
| AVG | 6.9 | 1.3 | 6.9 | 2.0 | | | 6.8 | 0.8 | 21.4 | 1.04 | 0.04 | 62 | 43 | 7548 |
| MAX | 7.1 | 3.9 | 7.0 | 6.5 | | | 7.1 | 9.8 | 23.3 | 1.56 | 0.30 | 74 | 52 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DISGESTER (AEROSOL) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|---------------------|-----|------|--------------|-----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | MIN TEMP | |
| 11/01/13 | 7.0 | 0.3 | 7.0 | 3.4 | | | 6.3 | 0.2 | 19.3 | | 0.20 | 58 | 46 | 0 |
| 11/02/13 | 7.0 | 1.0 | 7.0 | 2.6 | | | 6.1 | 4.5 | 19.5 | | 0.63 | 56 | 44 | 0 |
| 11/03/13 | 6.9 | 1.3 | 7.0 | 2.5 | | | 6.1 | 4.8 | 19.4 | | 0.20 | 50 | 42 | 0 |
| 11/04/13 | 6.8 | 0.4 | 6.9 | 2.1 | | | 6.1 | 4.8 | 19.4 | 0.71 | 0.25 | 48 | 40 | 0 |
| 11/05/13 | 6.8 | 0.9 | 6.8 | 3.2 | | | 6.0 | 3.2 | 19.4 | | 0.07 | 54 | 47 | 0 |
| 11/06/13 | 6.8 | 1.1 | 6.8 | 3.2 | | | 6.8 | 0.3 | 19.3 | | 0.34 | 53 | 47 | 0 |
| 11/07/13 | 7.0 | 1.1 | 6.8 | 3.2 | | | 6.8 | 0.4 | 19.4 | | 0.83 | 56 | 48 | 0 |
| 11/08/13 | 6.9 | 1.0 | 6.8 | 3.7 | | | 6.8 | 0.4 | 19.4 | | 0.08 | 52 | 43 | 0 |
| 11/09/13 | 6.9 | 0.5 | 6.8 | 2.7 | | | 6.8 | 0.5 | 19.4 | | 0.00 | 49 | 41 | 0 |
| 11/10/13 | 6.8 | 0.5 | 6.7 | 0.7 | | | 6.8 | 0.5 | 19.4 | | 0.00 | 56 | 44 | 0 |
| 11/11/13 | 6.8 | 0.4 | 6.7 | 2.3 | | | 6.8 | 0.3 | 19.5 | 0.81 | 0.01 | 63 | 44 | 0 |
| 11/12/13 | 6.7 | 1.1 | 6.6 | 0.3 | | | 6.7 | 0.3 | 19.5 | | 0.14 | 56 | 48 | 0 |
| 11/13/13 | 6.8 | 1.5 | 6.6 | 3.4 | | | 6.6 | 0.2 | 19.6 | | 0.00 | 57 | 43 | 0 |
| 11/14/13 | 6.9 | 0.4 | 6.8 | 2.5 | | | 6.7 | 0.2 | 19.3 | | 0.04 | 50 | 42 | 0 |
| 11/15/13 | 6.8 | 1.3 | 6.8 | 0.5 | | | 6.8 | 0.3 | 19.3 | | 0.25 | 47 | 42 | 0 |
| 11/16/13 | 6.9 | 1.0 | 6.8 | 0.5 | | | 6.8 | 0.4 | 19.3 | | 0.08 | 48 | 43 | 0 |
| 11/17/13 | 6.9 | 1.2 | 6.8 | 1.0 | | | 6.8 | 0.4 | 19.4 | | 0.04 | 54 | 43 | 78000 |
| 11/18/13 | 6.7 | 2.0 | 6.9 | 2.1 | | | 6.9 | 0.3 | 19.4 | 0.84 | 0.36 | 53 | 50 | 78000 |
| 11/19/13 | 6.8 | 0.4 | 6.8 | 2.6 | | | 6.9 | 0.2 | 19.4 | | 0.18 | 53 | 35 | 78000 |
| 11/20/13 | 6.7 | 0.4 | 6.9 | 1.8 | | | 6.9 | 0.8 | 19.3 | | 0.01 | 45 | 29 | 0 |
| 11/21/13 | 6.8 | 0.4 | 6.9 | 3.2 | | | 6.9 | 3.6 | 19.3 | | 0.02 | 45 | 25 | 0 |
| 11/22/13 | 6.9 | 0.4 | 7.0 | 1.9 | | | 7.0 | 3.6 | 19.0 | | 0.01 | 55 | 27 | 0 |
| 11/23/13 | 7.0 | 0.4 | 7.0 | 3.9 | | | 6.9 | 0.3 | 18.7 | | 0.00 | 55 | 30 | 0 |
| 11/24/13 | 7.0 | 0.6 | 7.0 | 4.5 | | | 6.9 | 0.3 | 18.7 | | 0.00 | 52 | 29 | 0 |
| 11/25/13 | 7.0 | 0.8 | 6.9 | 2.9 | | | 6.9 | 0.3 | 18.3 | | 0.01 | 50 | 29 | 0 |
| 11/26/13 | 7.0 | 0.5 | 6.9 | 1.7 | | | 7.0 | 0.3 | 18.3 | 0.97 | 0.01 | 46 | 30 | 0 |
| 11/27/13 | 7.0 | 0.9 | 7.0 | 2.6 | | | 7.1 | 6.8 | 15.2 | | 0.00 | 53 | 33 | 0 |
| 11/28/13 | 7.0 | 3.0 | 7.0 | 2.3 | | | 7.0 | 6.7 | 15.3 | | 0.01 | 52 | 30 | 0 |
| 11/29/13 | 6.9 | 0.5 | 6.9 | 0.2 | | | 7.0 | 6.5 | 15.4 | | 0.02 | 44 | 31 | 0 |
| 11/30/13 | 6.9 | 1.9 | 6.9 | 1.7 | | | 7.0 | 5.3 | 15.6 | | 0.34 | 50 | 42 | 0 |
| TOTAL | | | | | | | | | | | 4.13 | | | 234000 |
| MIN | 6.7 | 0.3 | 6.6 | 0.2 | | | 6.0 | 0.2 | 15.2 | 0.71 | 0.00 | 44 | 26 | 0 |
| AVG | 6.9 | 0.9 | 6.9 | 2.3 | | | 6.7 | 1.9 | 18.7 | 0.83 | 0.14 | 52 | 39 | 7800 |
| MAX | 7.0 | 3.0 | 7.0 | 4.5 | | | 7.1 | 6.8 | 19.6 | 0.97 | 0.83 | 63 | 50 | 78000 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | | | | |
|-----------|----------------|-----------|-----------|-----------|---------|-------|-----------|-----------|-----------|---------|----------------|-------|-------|---------|--------|-------|---------|--------|----------|--------|----------|--------|-------------|-----------------|---------|---------|---------|---------|
| | CONT | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | CONT | 2/WEEK | BOD 5-DAY | BOD 5-DAY | 100-DAY | 2/WEEK | TSS | TSS | %SS | 2/WEEK | TSS | TSS | 2/WEEK | FECAL | 2/WEEK | | 1/WEEK | DAILY | DAILY | 130 | 130 | 130 | 130 |
| DATE | FLOW | BOD 5-DAY | BOD 5-DAY | BOD 5-DAY | AMMONIA | FLOW | BOD 5-DAY | BOD 5-DAY | BOD 5-DAY | AMMONIA | AMMONIA | TSS | TSS | REMOVAL | TSS | TSS | REMOVAL | TSS | COLIFORM | FECAL | AMMONIA | PH | TEMPERATURE | ORTHO-PHOSPHATE | AMMONIA | AMMONIA | AMMONIA | AMMONIA |
| 12/01/13 | 0.561 | 0.483 | 0.467 | 0.467 | 0.483 | 0.483 | 0.467 | 0.467 | 0.467 | 0.483 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 18.3 | | | | | |
| 12/02/13 | 0.586 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 18.3 | | | | | |
| 12/03/13 | 0.534 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 18.3 | | | | | |
| 12/04/13 | 0.550 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 6.9 | 18.2 | 3.73 | 3.92 | 4.46 | 90.0 | |
| 12/05/13 | 0.552 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.0 | | | | | |
| 12/08/13 | 0.510 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 6.9 | 17.2 | | | | | |
| 12/07/13 | 0.506 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.0 | | | | | |
| 12/08/13 | 0.507 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.9 | | | | | |
| 12/09/13 | 0.519 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 6.9 | 16.3 | | | | | |
| 12/10/13 | 0.557 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.4 | | | | | |
| 12/11/13 | 0.601 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 15.8 | | | | | |
| 12/12/13 | 0.599 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.5 | | | | | |
| 12/13/13 | 0.549 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 6.9 | 15.8 | | | | | |
| 12/14/13 | 0.521 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.6 | | | | | |
| 12/15/13 | 0.503 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.6 | | | | | |
| 12/16/13 | 0.561 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.6 | | | | | |
| 12/17/13 | 0.514 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.5 | | | | | |
| 12/18/13 | 0.578 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.9 | | | | | |
| 12/19/13 | 0.524 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.3 | | | | | |
| 12/20/13 | 0.561 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.2 | | | | | |
| 12/21/13 | 0.514 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.3 | | | | | |
| 12/22/13 | 0.529 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.1 | | | | | |
| 12/23/13 | 0.573 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.8 | | | | | |
| 12/24/13 | 0.515 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.4 | | | | | |
| 12/25/13 | 0.405 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 17.0 | | | | | |
| 12/26/13 | 0.532 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.3 | | | | | |
| 12/27/13 | 0.522 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.1 | | | | | |
| 12/28/13 | 0.523 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.0 | | | | | |
| 12/29/13 | 0.581 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.1 | | | | | |
| 12/30/13 | 0.545 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.0 | | | | | |
| 12/31/13 | 0.512 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 0.467 | 7.0 | 16.0 | | | | | |
| TOTAL | 16,644 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 3,916 | 1.29 | 8.9 | | | | | |
| MIN | 0.405 | | | | | | | | | | | | | | | | | | | | | 0.08 | 0.32 | 16.8 | 3.73 | 3.92 | 4.46 | 90.0 |
| AVG | 0.537 | 274 | 1221 | 280 | 33.83 | 0.449 | 2.9 | 3.8 | 11 | 99% | 3.3 | 4.5 | 16 | 99% | 12 | 24 | 35 | 35 | 24 | 24 | 0.10 | 0.39 | 7.0 | 18.3 | | | | |
| MAX | 0.601 | 331 | 1447 | 355 | 1634 | 0.498 | 3.8 | 4.5 | 13 | 99% | 4.5 | 16 | 16 | 99% | 16 | 37 | 35 | 35 | 35 | 35 | 0.10 | 0.39 | 7.0 | 18.3 | | | | |
| PERMIT | AVG | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | 3107 | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| LIMITS | AVG | | | | | | | | | | | | | | | | | | | | | AVG | AVG | AVG | AVG | AVG | AVG | AVG |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO. WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIGESTER (AEROBIC) | | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|--------------|----------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAINFALL | MAX TEMP | MIN TEMP | |
| 12/01/13 | 6.9 | 2.6 | 7.0 | 0.9 | | | 6.8 | 4.6 | 15.6 | | 1.20 | 56 | 48 | 0 |
| 12/02/13 | 6.9 | 0.5 | 6.9 | 1.0 | | | 6.7 | 3.2 | 15.8 | 0.62 | 0.18 | 48 | 37 | 0 |
| 12/03/13 | 6.9 | 1.0 | 7.0 | 0.7 | | | 6.7 | 3.0 | 15.9 | | 0.01 | 42 | 30 | 0 |
| 12/04/13 | 7.0 | 0.5 | 6.9 | 1.1 | | | 6.6 | 1.8 | 15.8 | | 0.01 | 39 | 26 | 0 |
| 12/05/13 | 6.9 | 0.5 | 7.0 | 2.5 | | | 6.6 | 1.2 | 15.8 | | 0.01 | 32 | 22 | 0 |
| 12/06/13 | 6.8 | 0.7 | 6.9 | 0.8 | | | 6.6 | 0.6 | 15.6 | | 0.00 | 32 | 24 | 0 |
| 12/07/13 | 6.8 | 1.0 | 7.0 | 1.5 | | | 6.6 | 0.6 | 15.6 | | 0.00 | 31 | 18 | 0 |
| 12/08/13 | 7.0 | 0.8 | 7.0 | 1.0 | | | 6.6 | 0.5 | 15.5 | | 0.00 | 29 | 15 | 0 |
| 12/09/13 | 6.8 | 0.7 | 6.9 | 0.3 | | | 6.5 | 0.5 | 15.1 | 0.86 | 0.00 | 29 | 16 | 0 |
| 12/10/13 | 6.8 | 0.8 | 6.8 | 3.2 | | | 7.0 | 0.4 | 15.1 | | 0.04 | 33 | 28 | 0 |
| 12/11/13 | 6.9 | 0.6 | 6.9 | 1.5 | | | 7.0 | 0.3 | 15.0 | | 0.01 | 35 | 29 | 0 |
| 12/12/13 | 6.9 | 0.5 | 6.9 | 4.0 | | | 6.9 | 0.3 | 15.0 | | 0.16 | 40 | 26 | 0 |
| 12/13/13 | 7.0 | 0.6 | 6.9 | 1.1 | | | 6.9 | 0.3 | 15.0 | | 0.04 | 44 | 37 | 0 |
| 12/14/13 | 7.0 | 0.5 | 6.9 | 3.1 | | | 7.0 | 0.2 | 15.1 | | 0.01 | 42 | 37 | 0 |
| 12/15/13 | 7.0 | 1.5 | 7.0 | 1.8 | | | 7.0 | 0.2 | 15.2 | | 0.05 | 43 | 40 | 0 |
| 12/16/13 | 7.0 | 1.0 | 7.0 | 2.1 | | | 7.0 | 0.2 | 15.2 | | 0.00 | 43 | 40 | 0 |
| 12/17/13 | 7.0 | 0.6 | 7.0 | 1.0 | | | 7.0 | 0.3 | 15.3 | | 0.02 | 40 | 35 | 0 |
| 12/18/13 | 6.4 | 3.1 | 7.0 | 1.8 | | | 7.0 | 0.4 | 15.5 | 0.94 | 0.08 | 42 | 33 | 0 |
| 12/19/13 | 6.9 | 0.4 | 6.9 | 2.5 | | | 7.0 | 0.3 | 15.4 | | 0.01 | 37 | 30 | 0 |
| 12/20/13 | 6.9 | 1.6 | 6.9 | 1.2 | | | 7.0 | 0.3 | 15.4 | | 0.31 | 39 | 33 | 0 |
| 12/21/13 | 6.9 | 1.2 | 6.4 | 1.8 | | | 6.9 | 0.3 | 15.5 | | 0.08 | 48 | 39 | 0 |
| 12/22/13 | 6.9 | 0.3 | 6.9 | 2.9 | | | 6.9 | 0.3 | 15.4 | | 0.08 | 50 | 45 | 0 |
| 12/23/13 | 6.8 | 1.2 | 6.9 | 1.0 | | | 7.0 | 0.2 | 15.4 | 0.93 | 0.16 | 51 | 37 | 0 |
| 12/24/13 | 6.9 | 1.3 | 6.9 | 1.0 | | | 7.0 | 0.2 | 15.6 | | 0.01 | 40 | 39 | 0 |
| 12/25/13 | 6.9 | 0.4 | 6.9 | 2.2 | | | 7.0 | 0.2 | 15.6 | | 0.00 | 39 | 34 | 0 |
| 12/26/13 | 6.9 | 1.7 | 7.0 | 3.0 | | | 7.0 | 0.2 | 15.6 | | 0.00 | 35 | 31 | 0 |
| 12/27/13 | 6.9 | 0.7 | 6.9 | 3.0 | | | 7.0 | 0.2 | 15.7 | | 0.00 | 38 | 32 | 0 |
| 12/28/13 | 6.9 | 1.0 | 7.0 | 2.1 | | | 7.0 | 0.2 | 15.7 | | 0.00 | 46 | 36 | 0 |
| 12/29/13 | 7.0 | 1.2 | 7.0 | 1.5 | | | 7.0 | 0.2 | 15.8 | | 0.00 | 41 | 38 | 0 |
| 12/30/13 | 7.0 | 0.8 | 7.0 | 1.0 | | | 7.0 | 0.2 | 15.8 | | 0.01 | 42 | 37 | 0 |
| 12/31/13 | 7.0 | 1.0 | 7.0 | 1.4 | | | 7.0 | 0.2 | 15.8 | | 0.00 | 46 | 38 | 0 |
| TOTAL | | | | | | | | | | | 2.46 | | | 0 |
| MIN | 6.4 | 0.3 | 6.4 | 0.3 | | | 6.5 | 0.2 | 15.0 | 0.62 | 0.00 | 29 | 15 | 0 |
| AVG | 6.9 | 1.0 | 6.9 | 1.7 | | | 6.9 | 0.7 | 15.5 | 0.84 | 0.08 | 40 | 33 | 0 |
| MAX | 7.0 | 3.1 | 7.0 | 4.0 | | | 7.0 | 4.6 | 16.9 | 0.94 | 1.20 | 56 | 48 | 0 |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| PLANT EFFLUENT | | | | | | | | | | | | | | | | | | | | |
|----------------|----------|---------------|---------|-------------|----------|---------------|-----------|-----|--------|-----------|---------|---------|-----------------------|-------------|-------------------|-------------|--------------------|----------------------|--------------|-----|
| FREQUENCY | CONT | 2/WEEK | 2/WEEK | 1/WEEK | CONT | 2/WEEK | BOD 5-DAY | TSS | 2/WEEK | 2/WEEK | 2/WEEK | 2/WEEK | 1/WEEK | DAILY | DAILY | 180 | 180 | 180 | COMMENTS | |
| DATE | FLOW MGD | BOD 5-DAY MGD | TSS MGD | AMMONIA MGD | FLOW MGD | BOD 5-DAY MGD | % REMOVAL | MGD | AVG | % REMOVAL | TSS MGD | TSS MGD | FECAL COLIFORM M #100 | AMMONIA MGD | TEMPERATURE DEG C | NITRATE MGD | ORTHOPHOSPHATE MGD | TOTAL PHOSPHORUS MGD | HARDNESS MGD | |
| 01/01/14 | 0.489 | 1003 | 275 | 1122 | 0.404 | 2.4 | 99% | 1.5 | 5 | 99% | 1.8 | 31 | 0.15 | 7.0 | 16.0 | | | | | |
| 01/02/14 | 0.532 | 240 | 1065 | 1375 | 0.450 | 2.4 | 99% | 2.0 | 8 | 99% | 2.0 | 37 | 0.15 | 7.0 | 16.4 | 4.02 | 4.65 | 4.38 | 95.2 | |
| 01/03/14 | 0.513 | | | | 0.444 | | | | | | | | | 8.9 | 16.8 | | | | | |
| 01/04/14 | 0.481 | | | | 0.400 | | | | | | | | | 8.9 | 16.5 | | | | | |
| 01/05/14 | 0.481 | | | | 0.387 | | | | | | | | | 6.8 | 16.6 | | | | | |
| 01/06/14 | 0.580 | | | | 0.472 | | | | | | | | | 6.9 | 16.5 | | | | | |
| 01/07/14 | 0.576 | 256 | 1230 | 1225 | 0.494 | 2.2 | 99% | 2.5 | 10 | 99% | 2.5 | 52 | 0.08 | 7.0 | 16.5 | | | | | |
| 01/08/14 | 0.560 | 188 | 878 | 1214 | 0.461 | 1.8 | 99% | 3.0 | 12 | 99% | 2.5 | 44 | 0.08 | 7.0 | 16.5 | | | | | |
| 01/09/14 | 0.544 | 246 | 1116 | 1066 | 0.477 | 1.9 | 99% | 2.0 | 8 | 99% | 2.0 | | | 6.9 | 16.7 | | | | | |
| 01/10/14 | 0.532 | | | | 0.463 | | | | | | | | | 6.9 | 16.6 | | | | | |
| 01/11/14 | 0.569 | | | | 0.491 | | | | | | | | | 7.0 | 16.5 | | | | | |
| 01/12/14 | 0.519 | | | | 0.444 | | | | | | | | | 7.0 | 16.5 | | | | | |
| 01/13/14 | 0.602 | | | | 0.517 | | | | | | | | | 7.0 | 16.6 | | | | | |
| 01/14/14 | 0.551 | 242 | 1112 | 1264 | 0.482 | 2.1 | 99% | 2.0 | 8 | 99% | 2.0 | 30 | | 7.0 | 16.5 | | | | | |
| 01/15/14 | 0.567 | 222 | 1050 | 1064 | 0.489 | 2.1 | 99% | 2.0 | 8 | 99% | 1.7 | 38 | 0.07 | 7.0 | 16.5 | | | | | |
| 01/16/14 | 0.559 | 214 | 988 | 932 | 0.484 | 2.7 | 99% | 1.0 | 4 | 100% | 1.0 | | | 6.8 | 16.7 | | | | | |
| 01/17/14 | 0.520 | | | | 0.467 | | | | | | | | | 6.8 | 16.5 | | | | | |
| 01/18/14 | 0.488 | | | | 0.433 | | | | | | | | | 7.0 | 16.4 | | | | | |
| 01/19/14 | 0.449 | | | | 0.372 | | | | | | | | | 6.9 | 16.4 | | | | | |
| 01/20/14 | 0.566 | | | | 0.461 | | | | | | | | | 7.0 | 16.4 | | | | | |
| 01/21/14 | 0.532 | 184 | 816 | 776 | 0.452 | 1.7 | 99% | 1.0 | 4 | 99% | 1.0 | 120 | | 7.0 | 16.4 | | | | | |
| 01/22/14 | 0.560 | 220 | 1027 | 1214 | 0.477 | 1.6 | 99% | 1.0 | 4 | 100% | 1.5 | 166 | 0.09 | 7.0 | 16.4 | | | | | |
| 01/23/14 | 0.506 | 214 | 903 | 823 | 0.440 | 1.8 | 99% | 2.5 | 9 | 99% | 2.5 | | | 7.0 | 16.4 | | | | | |
| 01/24/14 | 0.498 | | | | 0.433 | | | | | | | | | 6.9 | 16.1 | | | | | |
| 01/25/14 | 0.508 | | | | 0.433 | | | | | | | | | 6.9 | 15.9 | | | | | |
| 01/26/14 | 0.486 | | | | 0.391 | | | | | | | | | 6.9 | 16.0 | | | | | |
| 01/27/14 | 0.550 | | | | 0.454 | | | | | | | | | 7.0 | 16.0 | | | | | |
| 01/28/14 | 0.562 | 211 | 989 | 891 | 0.468 | 2.7 | 99% | 2.0 | 8 | 99% | 2.0 | 14 | | 7.0 | 16.0 | | | | | |
| 01/29/14 | 0.556 | 205 | 951 | 1182 | 0.486 | 2.1 | 99% | 2.0 | 8 | 99% | 2.3 | 42 | 0.11 | 7.0 | 16.1 | | | | | |
| 01/30/14 | 0.528 | 245 | 1079 | 1057 | 0.460 | 2.4 | 99% | 3.0 | 12 | 99% | 3.0 | | | 7.0 | 16.4 | | | | | |
| 01/31/14 | 0.496 | | | | 0.464 | | | | | | | | | 7.0 | 16.2 | | | | | |
| TOTAL | 16.431 | | | | 14.070 | | 116 | | | | | | | 1.97 | | | | | | |
| MIN | 0.449 | | | | | | | | | | | | | 6.8 | | | | | | |
| AVG | 0.530 | 224 | 1015 | 1086 | 0.454 | 2.1 | 99% | 2.0 | 8 | 99% | 2.0 | 45 | 0.10 | 7.0 | 16.4 | 4.02 | 4.65 | 4.38 | 95.2 | |
| MAX | 0.602 | 256 | 1230 | 1375 | 0.517 | 2.4 | | | | | | 141 | 0.15 | 7.0 | 16.8 | | | | | |
| PERMIT | 24-hour | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| AVG | | 3167 | 3167 | 3167 | 30 | 30 | 88% | 30 | 708 | 488 | 708 | 711 | 200 | 6.8 | 6.8 | | | | | |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT
Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #5 | | DIGESTER (AERONIC) | | | | TOTAL SOLIDS | WEATHER | | SLUDGE AMOUNT DISPOSED GALLONS |
|----------|--------|-----|--------|-----|--------|----|--------------------|-----|------|-----------|--------------|----------|----------|--------------------------------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | RAIN/FALL | | MAX TEMP | MIN TEMP | |
| 01/01/14 | 7.0 | 1.2 | 7.0 | 1.6 | | | 7.0 | 0.2 | 15.9 | 0.01 | 43 | 37 | 78000 | |
| 01/02/14 | 6.9 | 1.3 | 7.0 | 5.6 | | | 6.9 | 0.4 | 17.1 | 0.11 | 49 | 38 | 78000 | |
| 01/03/14 | 6.9 | 0.7 | 7.0 | 1.6 | | | 7.0 | 0.4 | 12.6 | 0.02 | 46 | 32 | 78000 | |
| 01/04/14 | 7.0 | 0.3 | 6.9 | 1.7 | | | 6.8 | 0.2 | 13.0 | 0.00 | 44 | 29 | 0 | |
| 01/05/14 | 7.0 | 0.7 | 6.9 | 0.4 | | | 6.8 | 0.2 | 12.8 | 0.02 | 46 | 26 | 0 | |
| 01/06/14 | 6.8 | 0.9 | 6.8 | 1.2 | | | 6.8 | 0.3 | 13.0 | 0.62 | 43 | 30 | 0 | |
| 01/07/14 | 6.9 | 0.6 | 7.0 | 7.6 | | | 6.8 | 1.8 | 13.1 | | 45 | 37 | 0 | |
| 01/08/14 | 7.0 | 1.5 | 7.0 | 1.8 | | | 6.8 | 1.5 | 13.2 | 0.40 | 51 | 41 | 0 | |
| 01/09/14 | 7.0 | 0.5 | 6.9 | 0.9 | | | 6.9 | 0.3 | 13.2 | 0.26 | 48 | 40 | 0 | |
| 01/10/14 | 7.0 | 1.0 | 7.0 | 1.2 | | | 6.9 | 0.3 | 13.4 | 0.15 | 55 | 46 | 0 | |
| 01/11/14 | 6.9 | 0.8 | 7.0 | 1.6 | | | 6.9 | 0.4 | 13.4 | 0.78 | 57 | 43 | 0 | |
| 01/12/14 | 6.9 | 1.7 | 7.0 | 1.3 | | | 6.9 | 0.4 | 13.4 | 0.49 | 50 | 43 | 0 | |
| 01/13/14 | 6.8 | 0.6 | 6.9 | 3.2 | | | 7.0 | 0.3 | 13.5 | 0.58 | 52 | 46 | 0 | |
| 01/14/14 | 6.9 | 1.7 | 6.9 | 3.0 | | | 7.0 | 0.3 | 14.1 | 0.00 | 47 | 42 | 0 | |
| 01/15/14 | 6.9 | 0.6 | 7.0 | 0.5 | | | 6.9 | 0.3 | 14.2 | 0.01 | 44 | 37 | 0 | |
| 01/16/14 | 6.9 | 1.8 | 6.8 | 2.2 | | | 6.7 | 0.3 | 14.3 | 0.00 | 43 | 36 | 0 | |
| 01/17/14 | 7.0 | 0.5 | 6.9 | 0.9 | | | 6.7 | 0.3 | 14.4 | 0.00 | 38 | 32 | 0 | |
| 01/18/14 | 7.0 | 1.0 | 6.9 | 1.2 | | | 6.7 | 0.3 | 14.5 | 0.01 | 49 | 30 | 0 | |
| 01/19/14 | 7.0 | 0.8 | 7.0 | 0.6 | | | 6.7 | 0.3 | 14.6 | 0.01 | 48 | 32 | 0 | |
| 01/20/14 | 6.9 | 1.5 | 6.9 | 1.0 | | | 6.7 | 0.3 | 14.5 | 0.00 | 51 | 32 | 0 | |
| 01/21/14 | 6.8 | 0.5 | 6.8 | 2.9 | | | 6.8 | 0.3 | 14.8 | 0.82 | 46 | 30 | 0 | |
| 01/22/14 | 6.8 | 2.4 | 6.9 | 7.8 | | | 6.8 | 1.1 | 14.8 | | 48 | 35 | 0 | |
| 01/23/14 | 6.8 | 0.3 | 6.8 | 1.4 | | | 6.8 | 0.6 | 15.2 | 0.01 | 57 | 31 | 0 | |
| 01/24/14 | 6.8 | 2.1 | 6.8 | 1.1 | | | 6.8 | 0.4 | 15.5 | 0.01 | 53 | 28 | 0 | |
| 01/25/14 | 6.9 | 0.6 | 7.0 | 0.8 | | | 6.9 | 0.5 | 15.6 | 0.00 | 50 | 28 | 0 | |
| 01/26/14 | 6.9 | 0.4 | 6.9 | 2.8 | | | 6.9 | 0.4 | 15.7 | 0.01 | 49 | 28 | 0 | |
| 01/27/14 | 6.8 | 0.6 | 6.9 | 5.6 | | | 6.9 | 0.3 | 15.8 | 0.99 | 41 | 30 | 0 | |
| 01/28/14 | 6.8 | 0.9 | 6.9 | 0.5 | | | 6.9 | 0.2 | 15.9 | 0.54 | 43 | 38 | 0 | |
| 01/29/14 | 6.9 | 1.1 | 6.9 | 3.4 | | | 6.8 | 0.3 | 15.9 | 0.26 | 52 | 39 | 0 | |
| 01/30/14 | 6.9 | 0.9 | 6.9 | 4.4 | | | 6.9 | 0.3 | 16.0 | 0.30 | 46 | 41 | 0 | |
| 01/31/14 | 6.9 | 0.5 | 6.8 | 3.0 | | | 6.9 | 0.2 | 16.2 | 0.22 | 46 | 41 | 0 | |
| TOTAL | | | | | | | | | | 4.22 | | | 234000 | |
| MIN | 6.8 | 0.3 | 6.8 | 0.4 | | | 6.7 | 0.2 | 12.5 | 0.58 | 38 | 26 | 0 | |
| AVG | 6.9 | 1.0 | 6.9 | 2.3 | | | 6.9 | 0.4 | 14.5 | 0.75 | 48 | 35 | 7548 | |
| MAX | 7.0 | 2.4 | 7.0 | 7.8 | | | 7.0 | 1.8 | 17.1 | 0.89 | 57 | 46 | 78000 | |

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| FREQUENCY | PLANT INFLUENT | | | | | | | | | | PLANT EFFLUENT | | | | | | | | | | COMMENTS | | | | |
|-----------|----------------|-----------|-------|-----------|---------|--------|-----------|-----------|-----------|-----------|----------------|------|------|------|---------|-------|-------|---------|-------------|-------|----------|-----------------|------------------|---------|---------|
| | CONC | 2WEEK | 2WEEK | 2WEEK | 1WEEK | CONC | 2WEEK | BOD 5-DAY | BOD 5-DAY | BOD 5-DAY | 2WEEK | TSS | TSS | TSS | TSS | 2WEEK | FECAL | FECAL | 1WEEK | DAILY | | DAILY | 100 | 100 | 100 |
| DATE | FLOW | BOD 5-DAY | TSS | BOD 5-DAY | AMMONIA | FLOW | BOD 5-DAY | BOD 5-DAY | BOD 5-DAY | AMMONIA | TSS | TSS | TSS | TSS | AMMONIA | FECAL | FECAL | AMMONIA | TEMPERATURE | PH | NITRATE | ORTHO-PHOSPHATE | TOTAL PHOSPHORUS | AMMONIA | AMMONIA |
| | MGD | MG/L | MG/L | MG/L | MG/L | MGD | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | °C | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 02/01/14 | 0.454 | | | | | 0.386 | | | | | | | | | | | | | 7.0 | 16.1 | | | | | |
| 02/02/14 | 0.500 | | | | | 0.411 | | | | | | | | | | | | | 7.0 | 16.2 | | | | | |
| 02/03/14 | 0.531 | | | | | 0.442 | | | | | | | | | | | | | 6.9 | 16.0 | | | | | |
| 02/04/14 | 0.539 | 284 | 1277 | 305 | 1371 | 0.457 | 2.8 | 99% | 11 | 3.5 | 99% | 13 | 33 | | | | | 6.9 | 15.9 | | | | | | |
| 02/05/14 | 0.513 | 216 | 924 | 270 | 1155 | 0.446 | 3.0 | 99% | 11 | 2.5 | 99% | 9 | 10 | 87 | 53 | 0.04 | 0.15 | 7.0 | 15.7 | 3.04 | 4.73 | 5.08 | 92.4 | | |
| 02/06/14 | 0.457 | 302 | 1151 | 285 | 1124 | 0.407 | 2.1 | 99% | 7 | 2.5 | 99% | 8 | | | | | | 7.0 | 15.0 | | | | | | |
| 02/07/14 | 0.517 | | | | | 0.438 | | | | | | | | | | | | | 7.0 | 14.4 | | | | | |
| 02/08/14 | 0.522 | | | | | 0.444 | | | | | | | | | | | | | 7.0 | 14.2 | | | | | |
| 02/09/14 | 0.524 | | | | | 0.421 | | | | | | | | | | | | | 7.0 | 14.3 | | | | | |
| 02/10/14 | 0.614 | | | | | 0.513 | | | | | | | | | | | | | 6.9 | 14.4 | | | | | |
| 02/11/14 | 0.605 | 209 | 1055 | 260 | 1312 | 0.540 | 2.4 | 99% | 11 | 3.0 | 99% | 14 | 66 | | | | | 6.9 | 14.6 | | | | | | |
| 02/12/14 | 0.579 | 229 | 1106 | 225 | 1086 | 0.516 | 2.5 | 99% | 11 | 3.0 | 99% | 13 | 11 | 50 | 57 | 0.06 | 0.26 | 6.9 | 14.6 | | | | | | |
| 02/13/14 | 0.575 | 278 | 1333 | 260 | 1247 | 0.512 | 3.0 | 99% | 13 | 1.5 | 99% | 6 | | | | | | 6.9 | 15.0 | | | | | | |
| 02/14/14 | 0.511 | | | | | 0.484 | | | | | | | | | | | | | 6.9 | 15.3 | | | | | |
| 02/15/14 | 0.570 | | | | | 0.463 | | | | | | | | | | | | | 6.9 | 15.6 | | | | | |
| 02/16/14 | 0.585 | | | | | 0.455 | | | | | | | | | | | | | 6.9 | 15.5 | | | | | |
| 02/17/14 | 0.666 | | | | | 0.596 | | | | | | | | | | | | | 6.9 | 15.5 | | | | | |
| 02/18/14 | 0.700 | 180 | 1051 | 230 | 1343 | 0.601 | 3.1 | 99% | 16 | 3.0 | 99% | 15 | 66 | | | | | 7.0 | 15.4 | | | | | | |
| 02/19/14 | 0.607 | 195 | 967 | 220 | 1114 | 0.581 | 3.1 | 99% | 15 | 1.5 | 99% | 7 | 10 | 76 | 71 | 0.08 | 0.39 | 6.8 | 14.6 | | | | | | |
| 02/20/14 | 0.581 | 220 | 1066 | 195 | 945 | 0.540 | 2.9 | 99% | 13 | 2.0 | 99% | 9 | | | | | | 6.9 | 15.1 | | | | | | |
| 02/21/14 | 0.539 | | | | | 0.514 | | | | | | | | | | | | | 6.9 | 15.1 | | | | | |
| 02/22/14 | 0.498 | | | | | 0.433 | | | | | | | | | | | | | 6.9 | 15.2 | | | | | |
| 02/23/14 | 0.509 | | | | | 0.429 | | | | | | | | | | | | | 6.9 | 15.2 | | | | | |
| 02/24/14 | 0.585 | | | | | 0.494 | | | | | | | | | | | | | 6.9 | 15.5 | | | | | |
| 02/25/14 | 0.546 | 209 | 957 | 200 | 916 | 0.489 | 3.2 | 99% | 13 | 3.0 | 99% | 12 | 44 | | | | | 6.9 | 15.4 | | | | | | |
| 02/26/14 | 0.556 | 196 | 908 | 150 | 696 | 0.478 | 3.0 | 99% | 12 | 1.5 | 99% | 8 | 9 | 74 | 57 | 0.09 | 0.36 | 7.0 | 15.3 | | | | | | |
| 02/27/14 | 0.598 | 225 | 1103 | 280 | 1373 | 0.504 | 2.8 | 99% | 12 | 2.0 | 99% | 8 | | | | | | 6.9 | 15.8 | | | | | | |
| 02/28/14 | 0.527 | | | | | 0.495 | | | | | | | | | | | | | 6.9 | 15.4 | | | | | |
| TOTAL | 15.481 | | | | | 13.519 | | | 144 | | | 122 | | | | | | 1.15 | | | | | | | |
| MIN | 0.454 | | | | | | | | | | | | | | | | | | 6.8 | | | | | | |
| AVG | 0.553 | 229 | 1077 | 241 | 1140 | 0.483 | 2.8 | 99% | 12 | 2.4 | 99% | 10 | 59 | | | | | 0.07 | 0.28 | 15.2 | 3.04 | 4.73 | 5.08 | 92.4 | |
| MAX | 0.700 | 302 | 1333 | 305 | 1373 | 0.601 | 3.0 | | 14 | 2.8 | | 11 | 71 | 0.08 | 0.39 | | | 7.0 | 16.2 | | | | | | |
| AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |
| PERMIT | 2.0 | 300 | 3107 | 300 | 3160 | 3.0 | 30 | 85% | 488 | 30 | 85% | 475 | 200 | | | | | 6.0 | | | | | | | |
| LIMITS | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG |

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK MORGAN
Name and Title
PLANT SUPERINTENDENT

Signature

CITY OF WOODLAND WWTP MONTHLY MONITORING REPORT POP. 5,625 RECEIVING WATER-NORTH FORK LEWIS RIVER PERMIT NO.WA 0020401

| DATE | SBR #1 | | SBR #2 | | SBR #3 | | DIESTER (AEROBIC) | | | WEATHER | | | SLUDGE AMOUNT DISPOSED GALLONS | |
|----------|--------|-----|--------|-----|--------|----|-------------------|-----|------|--------------|-----------|----------|--------------------------------|----------|
| | PH | DO | PH | DO | PH | DO | PH | DO | TEMP | TOTAL SOLIDS | RAIN FALL | MAX TEMP | | MIN TEMP |
| 02/01/14 | 6.9 | 1.3 | 6.9 | 3.7 | | | 6.9 | 0.2 | 16.1 | | 0.02 | 48 | 33 | 0 |
| 02/02/14 | 6.9 | 0.7 | 6.9 | 1.2 | | | 6.9 | 0.2 | 16.1 | | 0.00 | 45 | 32 | 0 |
| 02/03/14 | 6.8 | 0.6 | 6.9 | 2.7 | | | 6.9 | 0.2 | 16.3 | 1.10 | 0.01 | 44 | 30 | 0 |
| 02/04/14 | 6.9 | 1.3 | 6.9 | 1.6 | | | 6.8 | 0.8 | 16.8 | | 0.00 | 40 | 29 | 78000 |
| 02/05/14 | 6.9 | 0.8 | 6.8 | 2.4 | | | 6.8 | 0.8 | 16.8 | | 0.00 | 30 | 22 | 78000 |
| 02/06/14 | 6.9 | 0.7 | 6.9 | 1.2 | | | 6.7 | 1.2 | 16.0 | | 0.00 | 24 | 21 | 78000 |
| 02/07/14 | 6.8 | 0.8 | 6.9 | 1.1 | | | 6.7 | 1.6 | 16.6 | | 0.03 | 31 | 21 | 0 |
| 02/08/14 | 6.9 | 0.9 | 6.9 | 1.0 | | | 6.8 | 6.8 | 12.2 | | 0.04 | 33 | 28 | 0 |
| 02/09/14 | 6.9 | 1.0 | 6.9 | 2.0 | | | 6.8 | 6.6 | 12.3 | | 0.10 | 34 | 29 | 0 |
| 02/10/14 | 6.8 | 2.1 | 6.8 | 2.0 | | | 6.8 | 4.8 | 12.5 | 0.62 | 0.16 | 42 | 32 | 0 |
| 02/11/14 | 6.9 | 1.0 | 6.9 | 1.0 | | | 6.6 | 2.2 | 12.5 | | 0.35 | 48 | 37 | 0 |
| 02/12/14 | 6.9 | 0.9 | 6.9 | 0.3 | | | 6.6 | 0.3 | 13.0 | | 0.09 | 57 | 47 | 0 |
| 02/13/14 | 6.8 | 0.7 | 6.9 | 1.2 | | | 6.6 | 0.8 | 13.4 | | 0.20 | 55 | 43 | 0 |
| 02/14/14 | 6.9 | 1.5 | 6.9 | 2.9 | | | 6.6 | 0.4 | 14.3 | | 0.37 | 56 | 41 | 0 |
| 02/15/14 | 6.9 | 0.8 | 6.9 | 3.9 | | | 6.5 | 0.3 | 14.2 | | 0.99 | 54 | 41 | 0 |
| 02/16/14 | 6.9 | 1.4 | 6.9 | 4.0 | | | 6.5 | 0.4 | 14.4 | | 0.07 | 51 | 39 | 0 |
| 02/17/14 | 6.9 | 0.9 | 6.9 | 1.5 | | | 6.5 | 0.4 | 14.4 | | 1.37 | 51 | 41 | 0 |
| 02/18/14 | 6.9 | 0.3 | 6.6 | 3.3 | | | 6.6 | 0.3 | 14.1 | 0.97 | 0.79 | 52 | 38 | 0 |
| 02/19/14 | 6.8 | 0.7 | 6.6 | 3.8 | | | 6.6 | 0.3 | 14.7 | | 0.22 | 48 | 36 | 0 |
| 02/20/14 | 6.9 | 0.6 | 6.7 | 1.4 | | | 6.7 | 0.2 | 15.0 | | 0.13 | 47 | 41 | 0 |
| 02/21/14 | 6.9 | 0.7 | 6.7 | 3.5 | | | 6.7 | 0.2 | 15.0 | | 0.03 | 50 | 35 | 0 |
| 02/22/14 | 6.9 | 0.8 | 6.7 | 1.2 | | | 6.7 | 0.2 | 15.1 | | 0.00 | 46 | 30 | 0 |
| 02/23/14 | 6.9 | 0.6 | 6.8 | 2.4 | | | 6.7 | 0.2 | 15.1 | | 0.01 | 50 | 35 | 0 |
| 02/24/14 | 6.8 | 0.4 | 6.9 | 3.0 | | | 6.7 | 0.2 | 15.3 | 1.00 | 0.15 | 47 | 41 | 0 |
| 02/25/14 | 6.8 | 0.5 | 6.9 | 3.1 | | | 6.8 | 0.2 | 15.3 | | 0.01 | 55 | 40 | 0 |
| 02/26/14 | 6.9 | 0.4 | 6.9 | 3.4 | | | 6.8 | 0.2 | 15.4 | | 0.00 | 54 | 41 | 0 |
| 02/27/14 | 6.9 | 0.6 | 6.9 | 3.4 | | | 6.8 | 0.2 | 15.6 | | 0.04 | 43 | 38 | 0 |
| 02/28/14 | 6.9 | 0.4 | 6.9 | 0.5 | | | 6.8 | 0.2 | 15.6 | | 0.00 | 63 | 37 | 0 |
| TOTAL | | | | | | | | | | | 5.18 | | | 234000 |
| MIN | 6.8 | 0.3 | 6.6 | 0.3 | | | 6.5 | 0.2 | 12.2 | 0.62 | 0.00 | 24 | 21 | 0 |
| AVG | 6.9 | 0.8 | 6.8 | 2.2 | | | 6.7 | 1.1 | 14.8 | 0.92 | 0.19 | 46 | 35 | 8357 |
| MAX | 6.9 | 2.1 | 6.9 | 4.0 | | | 6.9 | 6.8 | 16.8 | 1.10 | 1.37 | 63 | 47 | 78000 |