**Winnebago Reclamation Service, Inc.**

Thomas Hilbert
Environmental Engineer
Winnebago Reclamation
8403 Lindenwood Rd.
Rockford, IL 61109
(815) 874-4806
December 8, 1994

Recycling and
waste disposal

Mr. Bernie Schorle
Remedial Project Manager
United State Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, IL 60604-3590
Re: Monitoring data

US EPA RECORDS CENTER REGION 5
472804

Dear Bernie:

4920 Forest
Hills Road
Loves Park
Illinois 61111

Enclosed is the Monitoring data for Pagel collected recently. I have additional data that requires some validation prior to my forwarding. I hope this is of some use to you. If you have any questions or feel that any portion of the report is in error, please feel free to give me a call.

Sincerely,

Thomas Hilbert

P.O. Box 2071
Loves Park
Illinois 61130

815.654.5952
Fax 815.654.4717

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# MONITORING WELL DATA FOR ACME SOLVENTS/ PAGELS PIT STUDY AREA

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (ft/d) | | TOOC | TOIC | GROUND | STICKUP | SCREENED INTERVAL | HYDRAULIC CONDUCTIV (cm/s)* |
|---|---|---|---|---|---|---|---|---|---|---|
| G101 | 803387.30 | 2001281.20 | 2.0E+01 | D | | 745.74 | 744.10 | 1.64 | | 7.1E-03 |
| G102 | 801693.40 | 2002695.20 | | | | 738.61 | 737.40 | 1.21 | | |
| G104 | 799546.00 | 2002339.50 | | | 730.48 | 730.42 | ?? | 730.42 | 683.2 | |
| G105R | 801757.00 | 2001636.50 | 2.4E+00 | | 761.85 | 761.65 | 758.82 | 2.83 | 715.0 | 8.5E-04 |
| G106 | 799929.50 | 2001261.00 | | | 722.54 | 722.46 | 720.60 | 1.86 | 682.2 | 4.91E-03 |
| G107 | 800994.80 | 2002777.80 | 6.0E+01 | | 739.74 | 739.58 | 737.50 | 2.08 | 699.1-709.1 | 2.1E-02 |
| G108 | 801724.00 | 2002292.10 | 1.3E+01 | D | 751.37 | 751.29 | 749.10 | 2.19 | | 4.7E-03 |
| G109 | 801760.50 | 2001645.20 | 9.1E-01 | D | 760.80 | 760.79 | 759.00 | 1.79 | 707.2-717.2 | 3.2E-04 |
| G109A | 801762.20 | 2001650.40 | 1.3E-02 | D | 761.26 | 761.03 | 759.10 | 1.93 | 679.4-689.4 | 4.6E-06 |
| G110 | 801237.10 | 2001485.20 | 1.5E+01 | D | 748.22 | 748.08 | 745.00 | 3.08 | | 5.3E-03 |
| G110R | 801243.66 | 2001494.23 | 1.8E+01 | | 748.83 | 748.55 | 745.74 | 2.81 | | 6.3E-03 |
| R111 | 801792.13 | 2000991.88 | | | 741.03 | 740.83 | 738.83 | 2.00 | 702.5-712.5 | |
| ~~G111~~ | ~~801788.20~~ | ~~2000990.70~~ | ~~6.8E+01~~ | ~~D~~ | ~~741.24~~ | ~~741.04~~ | ~~738.90~~ | ~~2.14~~ | ~~702.6~~ | ~~2.4E-02~~ |
| G111A | 801789.40 | 2000984.80 | | | 740.72 | 740.53 | 738.40 | 2.13 | 683.3 | |
| G112 | 801853.90 | 2001743.30 | | | 763.48 | 763.29 | 760.40 | 2.89 | | |
| G113 | 801720.90 | 2001424.20 | 4.0E-01 | D | 762.29 | 762.22 | 759.90 | 2.32 | | 1.4E-04 |
| G113A | 801714.80 | 2001430.90 | 1.5E-01 | D | 762.85 | 762.89 | 760.00 | 2.89 | 685-695 | 5.4E-05 |
| G114 | 801486.10 | 2001576.10 | 1.9E-01 | D | 758.25 | 758.11 | 755.50 | 2.61 | | 6.6E-05 |
| G115 | 800020.50 | 2001246.00 | 1.4E+02 | U | 729.30 | 729.03 | 727.10 | 1.93 | 706-716 | 4.8E-02 |
| G116 | 798812.10 | 2002021.00 | 2.1E+01 | U | 713.92 | 713.76 | 711.40 | 2.36 | 698-708 | 7.5E-03 |
| G116A | 798806.70 | 2002021.50 | 2.3E+00 | U | 714.23 | 714.06 | 711.40 | 2.66 | 668.5-673.5 | 8.0E-04 |
| G116D | 798808.79 | 2002016.47 | | D | 712.92 | 712.83 | 711.47 | 1.36 | 614.6-625.3 | |
| G117 | 799202.40 | 2002550.20 | 1.4E+00 | U | 723.61 | 723.28 | 722.20 | 1.08 | 697.3-707.3 | 5.1E-04 |
| G118R | 799604.10 | 2002790.50 | 2.7E+01 | | 717.93 | 717.61 | 715.30 | 2.31 | 701.3-710.8 | 9.4E-03 |
| G118A | 799607.40 | 2002786.70 | 1.1E+02 | | 718.39 | 718.21 | 715.80 | 2.41 | 672.5-677.5 | 3.8E-02 |
| ~~G119~~ | ~~799226.00~~ | ~~2003118.70~~ | 1.6E+02 | ~~U~~ | ~~720.44~~ | ~~720.22~~ | ~~717.60~~ | 2.62 | | 5.7E-02 |
| R119 | 799230.30 | 2003114.00 | | U | 720.81 | 720.31 | 718.20 | 2.11 | 697.1-707.1 | |
| ~~G119A~~ | ~~799230.30~~ | ~~2003126.20~~ | 7.9E+00 | ~~U~~ | ~~720.19~~ | ~~720.04~~ | | | | 2.8E-03 |
| G119A | 799230.30 | 2003126.20 | | U | 721.01 | 720.51 | 717.20 | 3.31 | 669.6-674.6 | |
| G120B | 802387.90 | 2001608.90 | | | | 758.44 | 755.50 | 2.94 | 607.5-617.5 | |
| G122 | 801860.90 | 2001880.00 | 6.0E+00 | | 763.34 | 762.82 | 760.00 | 2.82 | | 2.1E-03 |
| G123 | 800818.72 | 2000211.04 | 3.4E+01 | U | 724.15 | 723.65 | 721.69 | 1.96 | 698.9-708.9 | 1.2E-02 |

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# MONITORING WELL DATA FOR ACME SOLVENTS/ PAGELS PIT STUDY AREA

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (ft/d) | | TOOC | TOIC | GROUND | STICKUP | SCREENED INTERVAL | HYDRAULIC CONDUCTIV (cm/s)* |
|---|---|---|---|---|---|---|---|---|---|---|
| G124 | 800814.61 | 2000400.59 | 8.6E+01 | U | 719.18 | 718.64 | 716.57 | 2.07 | 698.6-708.6 | 3.0E-02 |
| G125 | 800808.77 | 2000597.06 | 6.7E+00 | U | 718.41 | 717.92 | 715.58 | 2.34 | 695.6-705.6 | 2.4E-03 |
| G26S | 800703.17 | 2000687.65 | 3.9E+02 | U | 716.81 | 716.25 | 714.23 | 2.02 | 694.2-704.2 | 1.4E-01 |
| G26D | 800711.05 | 2000679.85 | 1.0E+01 | U | 716.92 | 716.41 | 714.30 | 2.11 | 681.2-691.2 | 3.6E-03 |
| G127 | 800652.34 | 2000805.30 | | U | 719.84 | 719.24 | 717.34 | 1.90 | ? | |
| G128 | 800544.13 | 2000900.89 | | U | 719.15 | 718.63 | 716.76 | 1.87 | ? | |
| G130 | 799381.87 | 2001198.76 | | U | 715.60 | 715.09 | 712.96 | 2.13 | | |
| G130A | 799377.88 | 2001194.77 | | D | 715.60 | 715.08 | 713.03 | 2.05 | | |
| G131 | 799991.88 | 2000752.88 | | U | 715.30 | 714.96 | 712.63 | 2.33 | | |
| G131A | 799986.24 | 2000753.20 | | D | 715.40 | 715.00 | 712.63 | 2.37 | | |
| G132 | 799383.69 | 2002040.67 | | D | 727.85 | 727.65 | 725.66 | 1.99 | 626.7-631.7 | |
| B1 | 804385.10 | 2002143.60 | | | 773.19 | 772.87 | 770.50 | 2.37 | | |
| B2 | 803629.60 | 2002143.40 | | | 792.66 | 792.40 | 790.20 | 2.20 | | |
| B3 | 802526.10 | 2000515.70 | | | 745.14 | 745.00 | 742.30 | 2.70 | | |
| B4 | 803477.20 | 2001666.90 | 1.3E+00 | D | 757.97 | 757.66 | 755.10 | 2.56 | | 4.6E-04 |
| B5 | 803545.80 | 2001037.30 | 1.1E-01 | U | 752.94 | 752.85 | 750.10 | 2.75 | | 3.9E-05 |
| B6S | 803015.40 | 2001583.70 | 4.9E-01 | D | 754.34 | 754.02 | 751.70 | 2.32 | | 1.7E-04 |
| B6D | 803020.10 | 2001583.80 | 3.0E-02 | D | 754.53 | 754.21 | 751.70 | 2.51 | | 1.1E-05 |
| B7 | 802855.00 | 2001929.80 | 1.5E+00 | | 752.15 | 751.85 | 749.00 | 2.85 | | 5.3E-04 |
| B8 | 802311.80 | 2001001.50 | | | 750.55 | 750.22 | 747.50 | 2.72 | | |
| B9 | 802380.90 | 2001565.90 | 3.7E-01 | D | 758.79 | 758.58 | 755.30 | 3.28 | | 1.3E-04 |
| B10 | 801516.10 | 2002503.40 | 8.2E-01 | D | 744.65 | 744.34 | 741.90 | 2.44 | 701.6-706.6 | 2.9E-04 |
| B10A | 801520.50 | 2002499.90 | 1.0E+01 | D | 743.93 | 743.94 | 742.00 | 1.94 | 680.2-685.2 | 3.7E-03 |
| B11 | 801929.80 | 2002085.50 | 3.3E+00 | D | 761.04 | 760.74 | 757.80 | 2.94 | | 1.2E-03 |
| B11A | 801924.50 | 2002085.90 | 3.2E-01 | D | 759.23 | 759.09 | 756.60 | 2.49 | | 1.1E-04 |
| B12 | 801767.10 | 2001588.80 | 1.6E-01 | D | 760.85 | 760.52 | 758.40 | 2.12 | | 5.6E-05 |
| B13 | 800990.10 | 2001316.60 | 4.0E+00 | D | 739.69 | 739.46 | 736.60 | 2.86 | 703.9-708.9 | 1.4E-03 |
| B14 | 800694.20 | 2000728.00 | | U | 717.62 | 717.3 | 714.30 | 3.00 | 699.8-704.8 | |
| B14A | 800692.90 | 2000721.40 | | U | 716.74 | 716.16 | 713.80 | 2.36 | 681.3-686.3 | |
| B15 | 800415.10 | 2002373.80 | 8.3E+02 | U | 744.88 | 744.55 | 743.10 | 1.45 | | 2.9E-01 |
| B15R | 800534.40 | 2002384.00 | 2.3E+02 | | ~~746.16~~ | ~~746.29~~ | ~~742.90~~ | | | 8.15E-02 |
| 11-9-93 resurvey | | | | | 746.62 | 746.31 | 743.30 | 3.01 | 698.8-703.8 | |

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# MONITORING WELL DATA FOR ACME SOLVENTS/ PAGELS PIT STUDY AREA

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (ft/d) | | TOOC | TOIC | GROUND | STICKUP | SCREENED INTERVAL | HYDRAULIC CONDUCTIV (cm/s)* |
|---|---|---|---|---|---|---|---|---|---|---|
| B15P | 800417.40 | 2002387.00 | 4.3E+00 | U | 743.68 | 743.52 | 741.50 | 2.02 | 678.3-683.3 | 1.5E-03 |
| B16 | 802389.70 | 2002103.70 | 2.4E+00 | D | 763.23 | 762.87 | 760.70 | 2.17 | | 8.6E-04 |
| B16A | 802384.30 | 2002103.40 | 4.5E-01 | D | 762.84 | 762.72 | 760.40 | 2.32 | | 1.6E-04 |
| MW101 | 803599.50 | 2002510.00 | | | | 800.04 | 797.60 | 2.44 | | |
| MW102 | 805724.50 | 2002220.00 | | | | 760.81 | 759.50 | 1.31 | | |
| MW103 | 804573.50 | 2001600.00 | | | 751.65 | 751.17 | 748.60 | 2.57 | | |
| MW104 | 803563.50 | 2000842.50 | 2.9E+00 | D | 757.16 | 756.72 | 754.40 | 2.32 | | 1.0E-03 |
| MW105 | 803041.10 | 2001584.60 | 2.5E-01 | D | 753.47 | 752.82 | 750.60 | 2.22 | | 8.8E-05 |
| MW106 | 799325.60 | 2002065.60 | | | 727.47 | 725.89 | 724.90 | 0.99 | 664.4-674.4 | |
| MW107 | 802233.50 | 2002727.90 | 1.2E-01 | | 750.62 | 749.78 | 746.70 | 3.08 | | 4.4E-05 |
| MW201A | 803052.50 | 2001593.50 | | | | 752.12 | 750.10 | 2.02 | | |
| MW201B | 803072.50 | 2001592.50 | 5.8E-02 | D | | 751.15 | 749.00 | 2.15 | | 2.1E-05 |
| MW202 | 803528.50 | 2001512.00 | 1.8E+00 | D | | 752.81 | 750.40 | 2.41 | | 6.4E-04 |
| P1 | 799343.50 | 2002055.90 | | | 728.06 | 727.69 | 725.50 | 2.19 | 689.7-694.7 | |
| P3 | 799779.00 | 2001792.00 | | | | | 723.30 | | | |
| P3R | 799552.50 | 2001897.30 | | | 749.74 | 749.58 | 747.70 | 1.88 | 699.2-709.2 | |
| P4 | 799749.00 | 2001823.00 | | | | | 721.90 | | | |
| P4R | 799555.90 | 2001885.10 | 6.5E+02 | | 749.98 | 749.80 | 748.20 | 1.60 | 679.8-684.8 | 2.31E-01 |
| P5 | 799718.00 | 2001848.00 | | | | | 721.50 | | | |
| P6 | 801016.80 | 2001315.90 | | | 740.31 | 739.71 | 737.20 | 2.51 | 689.7-694.7 | |
| P8 | 803790.90 | 2001247.40 | 2.1E+00 | D | 748.77 | 748.18 | 746.00 | 2.18 | | 7.3E-04 |
| P9 | 803766.60 | 2001239.50 | 8.0E-01 | D | 749.12 | 748.67 | 745.80 | 2.87 | | 2.8E-04 |
| PZ-1 | 803148.00 | 2001535.00 | | | | 747.48 | | | | |
| PZ-2 | 803172.00 | 2001560.00 | | | | 745.17 | | | | |
| PZ-3 | 803196.00 | 2001585.00 | | | | 743.85 | | | | |
| PZ-4 | 803211.50 | 2001602.00 | | | | 744.27 | | | | |
| PZ-5 | 803240.00 | 2001627.50 | | | | 747.33 | | | | |
| PZ-6 | 803268.00 | 2001657.00 | | | | 749.67 | | | | |
| PZ-8 | 802856.00 | 2001891.50 | | | | 752.39 | | | | |
| PZ-9 | 802902.00 | 2001944.00 | | | | 747.09 | | | | |
| PZ-10 | 802943.00 | 2001994.50 | | | | 757.20 | | | | |
| PZ-11 | 802951.00 | 2002008.00 | | | | 754.53 | | | | |

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MONITORING WELL DATA FOR
ACME SOLVENTS/ PAGELS PIT STUDY AREA

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (ft/d) | TOOC | TOIC | GROUND | STICKUP | SCREENED INTERVAL | HYDRAULIC CONDUCTIV (cm/s)* |
|---|---|---|---|---|---|---|---|---|---|
| STI-SP1 | 802991.00 | 2001593.00 | | | ~~751.80~~ | ~~752.00~~ | ~~-0.20~~ | | |
| STI-SP2 | 803472.00 | 2004452.00 | | | 769.94 | 768.70 | 1.24 | | |
| STI-1S | 806201.50 | 2001724.50 | | | 766.65 | 765.00 | 1.65 | | |
| STI-1I | 806192.50 | 2001723.00 | | | 766.04 | 764.70 | 1.34 | | |
| STI-1D | 806211.00 | 2001725.00 | | | 766.86 | 764.90 | 1.96 | | |
| STI-2S | 802935.50 | 2000519.00 | | | 748.47 | 747.20 | 1.27 | | |
| STI-2I | 802936.00 | 2000513.50 | | | 748.35 | 746.90 | 1.45 | | |
| STI-2D | 802937.00 | 2000504.00 | | | 747.89 | 746.30 | 1.59 | | |
| STI-3S | 803389.00 | 2002479.00 | | | 768.38 | 768.00 | 0.38 | | |
| STI-3I | 803380.00 | 2002472.00 | | | ~~767.88~~ | ~~768.10~~ | ~~-0.22~~ | | |
| STI-3D | 803847.00 | 2002485.50 | | | ~~768.26~~ | ~~768.30~~ | ~~-0.04~~ | | |
| STI-4S | 802566.00 | 2003420.00 | | | 772.83 | 771.60 | 1.23 | | |
| STI-4I | 802554.50 | 2003419.50 | | | 771.52 | 771.40 | 0.12 | | |
| STI-4D | 802516.50 | 2003419.00 | | | 770.00 | 768.90 | 1.10 | | |
| STI-5I | 802376.00 | 2001883.00 | 3.9E-02 | | 762.41 | 762.00 | 0.41 | | 1.4E-05 |
| STI-5D | 802373.50 | 2001862.50 | 2.4E-02 | | 762.67 | 761.90 | 0.77 | | 8.5E-06 |
| ~~E1(G22S)~~ | ~~801792.90~~ | ~~2000417.70~~ | | | ~~737.15~~ | ~~735.00~~ | ~~2.15~~ | ~~710.4-720.4~~ | |
| R22S | 801782.48 | 2000416.32 | | 737.26 | 736.70 | 734.59 | 2.11 | 710.6-720.6 | |
| E1A(G22D) | 801792.70 | 2000409.10 | | | 736.89 | 734.90 | 1.99 | | |
| E2 | 801198.10 | 2000002.90 | | | 725.16 | 721.60 | 3.56 | | |
| E2A | 801207.40 | 2000003.30 | | | 723.97 | 721.90 | 2.07 | | |
| E3 | 800745.20 | 2000058.30 | | | 716.44 | 714.30 | 2.14 | | |
| E3A | 800744.20 | 2000042.00 | | | 717.56 | 714.50 | 3.06 | | |
| E4 | 800244.40 | 2001075.20 | | | 721.50 | 720.20 | 1.30 | 701.06-711.06 | |
| E4A | 800273.30 | 2001042.70 | | | 721.50 | 718.50 | 3.00 | 681.1-691.1 | |
| RW01 | 799387.30 | 2002060.99 | | 726.9? | na | na | | 662-701 | |
| T1 | 799315.45 | 2002040.67 | | 725.48 | 725.32 | 723.34 | 1.98 | 655.2-695 | |
| T2 | 799410.94 | 2002068.17 | | 729.35 | 729.17 | 727.05 | 2.12 | 659.9-700.1 | |
| W. Sump | | | | | 755.57 | | 755.57 | | |
| Stream Gage 1 | 799259.14 | 2002043.24 | | | 706.64 | | | | |
| Stream Gage 2 | 799491.99 | 2001640.24 | | | 708.64 | | | | |
| Stream Gage 3 | 799773.77 | 2000910.59 | | | 710.19 | | | | |

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MONITORING WELL DATA FOR
ACME SOLVENTS/ PAGELS PIT STUDY AREA

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|---|---|---|---|---|---|---|---|---|---|
| Stream Gage 4 | 798864.30 | 2002608.27 | | | 705.78 | | | | |
| Manhole #1 | 800273.80 | 2001626.85 | | | 815.90 | | | | |
| Manhole #2 | 800091.80 | 2001916.85 | | | 830.86 | | | | |
| Manhole #3 | 800090.50 | 2002043.60 | | | 811.70 | | | | |

* Hydraulic Conductivity is the Geometric mean of all reported measurements.

DRAFT

INORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

| Sample # | Description | Test | Result | Reporting Limit | Matrix | Units | Sample Date | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| L9647-001 | E4A | Aluminum | < 0.05 | 0.05 | GroundH2O | mg/L | 04-NOV-94 | 16-NOV-94 |
| | | Antimony | 0.006 | 0.002 | GroundH2O | mg/L | 04-NOV-94 | 15-NOV-94 |
| | | Arsenic | < 0.001 | 0.001 | GroundH2O | mg/L | 04-NOV-94 | 10-NOV-94 |
| | | Barium | 0.09 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Beryllium | < 0.0002 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 14-NOV-94 |
| | | Cadmium | < 0.0002 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Calcium | 77.3 | 1.00 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Chromium, Total | 0.0006 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 15-NOV-94 |
| | | Cobalt | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 10-NOV-94 |
| | | Copper | 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Cyanide, Total | < 0.005 | 0.005 | GroundH2O | mg/L | 04-NOV-94 | 17-NOV-94 |
| | | Iron | < 0.05 | 0.05 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Lead | < 0.0015 | 0.0015 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Magnesium | 40.4 | 1.00 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Manganese | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Mercury | < 0.0002 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Nickel | < 0.02 | 0.02 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Potassium | 1.17 | 0.10 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Selenium | < 0.002 | 0.002 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Silver | < 0.0005 | 0.0005 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Sodium | 8.62 | 2.00 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Sulfide, Total | < 1.0 | 1.0 | GroundH2O | mg/L | 04-NOV-94 | 10-NOV-94 |
| | | Zinc | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

DRAFT

INORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

| Sample # | Description | Test | Result | Reporting Limit | Matrix | Units | Sample Date | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| L9647-002 | E4 | Aluminum | 0.05 | 0.05 | GroundH2O | mg/L | 04-NOV-94 | 16-NOV-94 |
| | | Antimony | 0.005 | 0.002 | GroundH2O | mg/L | 04-NOV-94 | 15-NOV-94 |
| | | Arsenic | < 0.001 | 0.001 | GroundH2O | mg/L | 04-NOV-94 | 10-NOV-94 |
| | | Barium | 0.05 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Beryllium | < 0.0002 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 14-NOV-94 |
| | | Cadmium | < 0.0002 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Calcium | 108 | 1.00 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Chromium, Total | 0.0016 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 15-NOV-94 |
| | | Cobalt | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 10-NOV-94 |
| | | Copper | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Cyanide, Total | 0.006 | 0.005 | GroundH2O | mg/L | 04-NOV-94 | 17-NOV-94 |
| | | Iron | 0.08 | 0.02 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Lead | < 0.0015 | 0.0015 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Magnesium | 57.2 | 1.00 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Manganese | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Mercury | < 0.0002 | 0.0002 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Nickel | < 0.02 | 0.02 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |
| | | Potassium | 0.67 | 0.10 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Selenium | < 0.002 | 0.002 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Silver | < 0.0005 | 0.0005 | GroundH2O | mg/L | 04-NOV-94 | 08-NOV-94 |
| | | Sodium | 11.0 | 2.00 | GroundH2O | mg/L | 04-NOV-94 | 11-NOV-94 |
| | | Sulfide, Total | < 1.0 | 1.0 | GroundH2O | mg/L | 04-NOV-94 | 10-NOV-94 |
| | | Zinc | < 0.01 | 0.01 | GroundH2O | mg/L | 04-NOV-94 | 09-NOV-94 |

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

SEMIVOLATILE ORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

DRAFT

| Sample # | Description | Compound | Result | Reporting Limit | Matrix | Units | Footnotes |
|---|---|---|---|---|---|---|---|
| L9647-001 | E4A | n-Nitrosodimethylamine | < 50 | 50 | GroundH2O | ug/L | |
| | | Phenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Chlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-Chloroethyl)ether | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,3-Dichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,4-Dichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,2-Dichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Methylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-chloroisopropyl)ether | < 10 | 10 | GroundH2O | ug/L | |
| | | n-Nitroso-di-n-propylamine | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachloroethane | < 10 | 10 | GroundH2O | ug/L | |
| | | 3&4-Methylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Nitrobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | Isophorone | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Nitrophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-chloroethoxy)methane | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4-Dimethylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4-Dichlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,2,4-Trichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | Naphthalene | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Chloroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachlorobutadiene | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Chloro-3-methylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Methylnaphthalene | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachlorocyclopentadiene | < 20 | 20 | GroundH2O | ug/L | |
| | | 2,4,6-Trichlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4,5-Trichlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Chloronaphthalene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Nitroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | Dimethyl phthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Acenaphthylene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,6-Dinitrotoluene | < 10 | 10 | GroundH2O | ug/L | |
| | | 3-Nitroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | Acenaphthene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4-Dinitrophenol | < 50 | 50 | GroundH2O | ug/L | |
| | | Dibenzofuran | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Nitrophenol | < 50 | 50 | GroundH2O | ug/L | |
| | | 2,4-Dinitrotoluene | < 10 | 10 | GroundH2O | ug/L | |
| | | Fluorene | < 10 | 10 | GroundH2O | ug/L | |
| | | Diethyl phthalate | < 10 | 10 | GroundH2O | ug/L | |

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

DRAFT

SEMIVOLATILE ORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

| Sample # | Description | Compound | Result | Reporting Limit | Matrix | Units | Footnotes |
|---|---|---|---|---|---|---|---|
| L9647-001 | E4A | 4-Chlorophenyl phenyl ether | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Nitroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | 4,6-Dinitro-2-methylphenol | < 50 | 50 | GroundH2O | ug/L | |
| | | n-Nitrosodiphenylamine | < 10 | 10 | GroundH2O | ug/L | G15 |
| | | 1,2-Diphenylhydrazine | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Bromophenyl phenyl ether | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | Pentachlorophenol | < 50 | 50 | GroundH2O | ug/L | |
| | | Phenanthrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Anthracene | < 10 | 10 | GroundH2O | ug/L | |
| | | Carbazole | < 10 | 10 | GroundH2O | ug/L | |
| | | Di-n-butylphthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Fluoranthene | < 10 | 10 | GroundH2O | ug/L | |
| | | Pyrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Butylbenzylphthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzidine | < 50 | 50 | GroundH2O | ug/L | |
| | | 3,3-Dichlorobenzidine | < 20 | 20 | GroundH2O | ug/L | |
| | | Benzo(a)anthracene | < 10 | 10 | GroundH2O | ug/L | |
| | | Chrysene | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-ethylhexyl)phthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Di-n-octyl phthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(a)pyrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(b)fluoranthene | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(k)fluoranthene | < 10 | 10 | GroundH2O | ug/L | |
| | | Indeno(1,2,3-cd)pyrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Dibenzo(a,h)anthracene | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(g,h,i)perylene | < 10 | 10 | GroundH2O | ug/L | |

Sample Date: 04-NOV-94
Extract Date: 11-NOV-94
Analysis Date: 11-NOV-94

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

DRAFT

SEMIVOLATILE ORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

| Sample # | Description | Compound | Result | Reporting Limit | Matrix | Units | Footnotes |
|---|---|---|---|---|---|---|---|
| L9647-002 | E4 | n-Nitrosodimethylamine | < 50 | 50 | GroundH2O | ug/L | |
| | | Phenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Chlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-Chloroethyl)ether | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,3-Dichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,4-Dichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,2-Dichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Methylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-chloroisopropyl)ether | < 10 | 10 | GroundH2O | ug/L | |
| | | n-Nitroso-di-n-propylamine | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachloroethane | < 10 | 10 | GroundH2O | ug/L | |
| | | 3&4-Methylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Nitrobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | Isophorone | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Nitrophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-chloroethoxy)methane | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4-Dimethylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4-Dichlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 1,2,4-Trichlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | Naphthalene | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Chloroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachlorobutadiene | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Chloro-3-methylphenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Methylnaphthalene | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachlorocyclopentadiene | < 20 | 20 | GroundH2O | ug/L | |
| | | 2,4,6-Trichlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4,5-Trichlorophenol | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Chloronaphthalene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2-Nitroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | Dimethyl phthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Acenaphthylene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,6-Dinitrotoluene | < 10 | 10 | GroundH2O | ug/L | |
| | | 3-Nitroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | Acenaphthene | < 10 | 10 | GroundH2O | ug/L | |
| | | 2,4-Dinitrophenol | < 50 | 50 | GroundH2O | ug/L | |
| | | Dibenzofuran | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Nitrophenol | < 50 | 50 | GroundH2O | ug/L | |
| | | 2,4-Dinitrotoluene | < 10 | 10 | GroundH2O | ug/L | |
| | | Fluorene | < 10 | 10 | GroundH2O | ug/L | |
| | | Diethyl phthalate | < 10 | 10 | GroundH2O | ug/L | |

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

DRAFT

SEMIVOLATILE ORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

| Sample # | Description | Compound | Result | Reporting Limit | Matrix | Units | Footnotes |
|---|---|---|---|---|---|---|---|
| L9647-002 | E4 | 4-Chlorophenyl phenyl ether | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Nitroaniline | < 10 | 10 | GroundH2O | ug/L | |
| | | 4,6-Dinitro-2-methylphenol | < 50 | 50 | GroundH2O | ug/L | |
| | | n-Nitrosodiphenylamine | < 10 | 10 | GroundH2O | ug/L | G15 |
| | | 1,2-Diphenylhydrazine | < 10 | 10 | GroundH2O | ug/L | |
| | | 4-Bromophenyl phenyl ether | < 10 | 10 | GroundH2O | ug/L | |
| | | Hexachlorobenzene | < 10 | 10 | GroundH2O | ug/L | |
| | | Pentachlorophenol | < 50 | 50 | GroundH2O | ug/L | |
| | | Phenanthrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Anthracene | < 10 | 10 | GroundH2O | ug/L | |
| | | Carbazole | < 10 | 10 | GroundH2O | ug/L | |
| | | Di-n-butylphthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Fluoranthene | < 10 | 10 | GroundH2O | ug/L | |
| | | Pyrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Butylbenzylphthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzidine | < 50 | 50 | GroundH2O | ug/L | |
| | | 3,3-Dichlorobenzidine | < 20 | 20 | GroundH2O | ug/L | |
| | | Benzo(a)anthracene | < 10 | 10 | GroundH2O | ug/L | |
| | | Chrysene | < 10 | 10 | GroundH2O | ug/L | |
| | | Bis(2-ethylhexyl)phthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Di-n-octyl phthalate | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(a)pyrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(b)fluoranthene | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(k)fluoranthene | < 10 | 10 | GroundH2O | ug/L | |
| | | Indeno(1,2,3-cd)pyrene | < 10 | 10 | GroundH2O | ug/L | |
| | | Dibenzo(a,h)anthracene | < 10 | 10 | GroundH2O | ug/L | |
| | | Benzo(g,h,i)perylene | < 10 | 10 | GroundH2O | ug/L | |

Sample Date: 04-NOV-94
Extract Date: 11-NOV-94
Analysis Date: 11-NOV-94

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

DRAFT

VOLATILE ORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

| Sample # | Description | Compound | Result | Reporting Limit | Matrix | Units | Footnotes |
|---|---|---|---|---|---|---|---|
| L9647-001 | E4A | Benzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Bromodichloromethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Bromoform | < 1.0 | 1.0 | GroundH2O | ug/L | A5 |
| | | Bromomethane | < 2.0 | 2.0 | GroundH2O | ug/L | A5 |
| | | Carbon tetrachloride | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Chlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Chlorodibromomethane | < 1.0 | 1.0 | GroundH2O | ug/L | A5 |
| | | Chloroethane | < 2.0 | 2.0 | GroundH2O | ug/L | |
| | | 2-Chloroethyl vinyl ether | < 10 | 10 | GroundH2O | ug/L | |
| | | Chloroform | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Chloromethane | < 2.0 | 2.0 | GroundH2O | ug/L | A5 |
| | | 1,2-Dichlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,3-Dichlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,4-Dichlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1-Dichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,2-Dichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1-Dichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | cis-1,2-Dichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | trans-1,2-Dichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,2-Dichloropropane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | cis-1,3-Dichloropropene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | trans-1,3-Dichloropropene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Ethylbenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Methylene chloride | < 3.0 | 3.0 | GroundH2O | ug/L | |
| | | 1,1,2,2-Tetrachloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Tetrachloroethene | 4.3 | 1.0 | GroundH2O | ug/L | |
| | | Toluene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1,1-Trichloroethane | 1.6 | 1.0 | GroundH2O | ug/L | |
| | | 1,1,2-Trichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Trichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Trichlorofluoromethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Vinyl chloride | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | m + p-Xylene | < 2.0 | 2.0 | GroundH2O | ug/L | |
| | | o-Xylene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Acrolein | < 100 | 100 | GroundH2O | ug/L | G12 |
| | | Acrylonitrile | < 100 | 100 | GroundH2O | ug/L | G12 |

Sample Date: 04-NOV-94
Analysis Date: 15, 17-NOV-94

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

VOLATILE ORGANIC REPORT
WINNEBAGO RECLAMATION LANDFILL
ROCKFORD IL
Project Number: 55006603

DRAFT

| Sample # | Description | Compound | Result | Reporting Limit | Matrix | Units | Footnotes |
|---|---|---|---|---|---|---|---|
| L9647-002 | E4 | Benzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Bromodichloromethane | < 1.0 | 1.0 | GroundH2O | ug/L | A5 |
| | | Bromoform | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Bromomethane | < 2.0 | 2.0 | GroundH2O | ug/L | A5 |
| | | Carbon tetrachloride | < 1.0 | 1.0 | GroundH2O | ug/L | A5 |
| | | Chlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Chlorodibromomethane | < 1.0 | 1.0 | GroundH2O | ug/L | A5 |
| | | Chloroethane | < 2.0 | 2.0 | GroundH2O | ug/L | |
| | | 2-Chloroethyl vinyl ether | < 10 | 10 | GroundH2O | ug/L | |
| | | Chloroform | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Chloromethane | < 2.0 | 2.0 | GroundH2O | ug/L | |
| | | 1,2-Dichlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,3-Dichlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,4-Dichlorobenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1-Dichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,2-Dichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1-Dichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | cis-1,2-Dichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | trans-1,2-Dichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,2-Dichloropropane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | cis-1,3-Dichloropropene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | trans-1,3-Dichloropropene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Ethylbenzene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Methylene chloride | < 3.9 | 3.0 | GroundH2O | ug/L | A2 |
| | | 1,1,2,2-Tetrachloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Tetrachloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Toluene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1,1-Trichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | 1,1,2-Trichloroethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Trichloroethene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Trichlorofluoromethane | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Vinyl chloride | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | m + p-Xylene | < 2.0 | 2.0 | GroundH2O | ug/L | |
| | | o-Xylene | < 1.0 | 1.0 | GroundH2O | ug/L | |
| | | Acrolein | < 100 | 100 | GroundH2O | ug/L | G12 |
| | | Acrylonitrile | < 100 | 100 | GroundH2O | ug/L | G12 |

Sample Date: 04-NOV-94
Analysis Date: 16-NOV-94

Chk'd: App'd:
Date App'd:

WI Lab Certification ID#: 113138300

WARZYN

# CHAIN OF CUSTODY RECORD

010458

| PROJECT No. | PROJECT NAME | CITY & STATE |
|---|---|---|
| [illegible] | Winnebago Reclamation Landfill | Rockford IL |

SAMPLERS (Signature): [illegible]

| LAB No. | DATE | TIME | COMP. | GRAB | STATION LOCATION | No. OF CONTAINERS | TCL VOCs | TCL SVOCs | TCL Metals | TCL Cyanide | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11/4/94 | 0830 | | X | SHA | 9 | 3 | 4 | 1 | 1 | | | |
| | ↓ | 0845 | | X | SH | 9 | 3 | 4 | 1 | 1 | | | |
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| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
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| [illegible] | 11/4/94 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
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| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | | Date/Time | |
| | | | | | |

REMARKS: [illegible]

PROJECT MANAGER: S. Tomczak

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

DEC 01 '94 12:02PM MONTGOMERY WATSON 6082314777 P.10/14

State of Illinois
# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director
2200 Churchill Road, Springfield, IL 62794-9276

October 3, 1994

John D. Lichty
Manager
Winnebago Reclamation Service, Inc.

Dear John:

Enclosed is a copy of the Target Compound List containing the substances which the samples collected next month will be analyzed for. The CERCLA Integrated Assessment site inspection is scheduled for the week of October 31, 1994. I will notify you several weeks prior to the inspection of the exact date, type and number of samples which will be collected.

Yours truly,

Bob Casper

Bob Casper
Project Manager

Analytical List for E4/E4A
11-4-94

Note: No pesticides or PCB's

R225, EIA, GIIIA, RIIIS
TOC/TDS
Tox

| | |
|---|---|
| 2-Methylnaphthalene | Di-n-Butylphthalate |
| 1,2,4-Trichlorobenzene | Fluoranthene |
| Isophorone | Pyrene |
| Naphthalene | Butylbenzylphthalate |
| 4-Chloroaniline | bis(2-Ethylhexyl)Phthalate |
| bis(2-chloroethoxy)Methane | Chrysene |
| Hexachlorocyclopentadiene | Benzo(a)Anthracene |
| 2-Chloronaphthalene | 3-3'-Dichlorobenzidene |
| 2-Nitroaniline | Di-n-Octyl Phthalate |
| Acenaphthylene | Benzo(b)Fluoranthene |
| 3-Nitroaniline | Benzo(k)Fluoranthene |
| Acenaphthene | Benzo(a)Pyrene |
| Dibenzofuran | Ideno(1,2,3-cd)Pyrene |
| Dimethyl Phthalate | Dibenz(a,h)Anthracene |
| 2,6-Dinitrotoluene | Benzo(g,h,i)Perylene |
| Fluorene | 1,2-Dichlorobenzene |
| 4-Nitroaniline | 1,3-Dichlorobenzene |
| 4-Chlorophenyl-phenylether | 1,4-Dichlorobenzene |

**Acid Target Compounds**

| | |
|---|---|
| Benzoic Acid | 2,4,6-Trichlorophenol |
| Phenol | 2,4,5-Trichlorophenol |
| 2-Chlorophenol | 4-Chloro-3-methylphenol |
| 2-Nitrophenol | 2,4-Dinitrophenol |
| 2-Methylphenol | 2-Methyl-4,6-dinitrophenol |
| 2,4-Dimethylphenol | Pentachlorophenol |
| 4-Methylphenol | 4-Nitrophenol |
| 2,4-Dichlorophenol | |

# TARGET COMPOUND LIST

## Volatile Target Compounds

| | |
|---|---|
| Chloromethane | 1,2-Dichloropropane |
| Bromomethane | cis-1,3-Dichloropropene |
| Vinyl Chloride | Trichloroethene |
| Chloroethane | Dibromochloromethane |
| Methylene Chloride | 1,1,2-Trichloroethane |
| Acetone | Benzene |
| Carbon Disulfide | trans-1,3-Dichloropropene |
| 1,1-Dichloroethene | Bromoform |
| 1,1-Dichloroethane | 4-Methyl-2-pentanone |
| 1,2-Dichloroehtene (total) | 2-Hexanone |
| Chloroform | Tetrachloroethene |
| 1,2-Dichloroethane | 1,1,2,2-Tetrachloroethane |
| 2-Butanone | Toluene |
| 1,1,1-Trichloroethane | Chlorobenzene |
| Carbon Tetrachloride | Ethylbenzene |
| Vinyl Acetate | Styrene |
| Bromodichloromethane | Xylenes (total) |

## Base/Neutral Target Compounds

| | |
|---|---|
| Hexachloroethane | 2,4-Dinitrotoluene |
| bis(2-Chloroethyl) Ether | Diethylphthalate |
| Benzyl Alcohol | N-Nitrosodiphenylamine |
| bis (2-Chloroisopropyl) Ether | Hexachlorobenzene |
| N-Nitroso-Di-n-Propylamine | Phenanthrene |
| Nitrobenzene | 4-Bromophenyl-phenylether |
| Hexachlorobutadiene | Anthracene |

**Pesticide/PCB Target Compounds**

| | |
|---|---|
| alpha-BHC | Endrin Ketone |
| beta-BHC | Endosulfan Sulfate |
| delta-BHC | Methoxychlor |
| gamma-BHC (Lindane) | alpha-Chlordane |
| Heptachlor | gamma-Chlordane |
| Aldrin | Toxaphene |
| Heptachlor epoxide | Aroclor-1016 |
| Endosulfan I | Aroclor-1221 |
| 4,4'-DDE | Aroclor-1232 |
| Dieldrin | Aroclor-1242 |
| Endrin | Aroclor-1248 |
| 4,4'-DDD | Aroclor-1254 |
| Endosulfan II | Aroclor-1260 |
| 4,4'-DDT | |

**Inorganic Target Compounds**

| | |
|---|---|
| Aluminum | Manganese |
| Antimony | Mercury |
| Arsenic | Nickel |
| Barium | Potassium |
| Beryllium | Selenium |
| Cadmium | Silver |
| Calcium | Sodium |
| Chromium | Thallium |
| Cobolt | Vanadium |
| Copper | Zinc |
| Iron | Cyanide |
| Lead | Sulfide |
| Magnesium | |

File: G111.wbl

GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
Monitoring for determining Applicable Groundwater Quality Standards in Expansion Permit (note at bottom of pg 16 )

**PROGRAM No. 4 - Revised 2-14-94**

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (cm/s) | | MEASURING POINT ELEV. TOIC | SAMPLED INTERVAL* | |
|---|---|---|---|---|---|---|---|
| G111(G11S) | 801788.2 | 2000990.7 | 2.40E-02 | U | 741.04 | 703-716 | |
| G111A(G11D) | 801789.4 | 2000984.8 | | D | 740.53 | 683-690 | |
| ~~E1(G22S)~~ | ~~801792.9~~ | ~~2000417.7~~ | | ~~U~~ | 737.15 | ~~710-724~~ | |
| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

**NOTES:**

**1) "X" next to AGQS indicates that less than 4 quarters of data was collected**

**2) If all four quarters of analytical results were below the Reporting Limit (PQL) the lowest PQL was used to determine the AGQS**

**3) AGQS values of zero indicate that less than 4 quarters of data were collected and none of the sampled quarters were above the PQL**

**4) "p" next to the AGQS indicates that a Poisson Prediction limit was used to determine the AGQS. This was done for samples in which >50% and <90% of the samples are nondetect**

| Sampling Quarter | Analytical Parameters |
|---|---|
| Jan-Feb | List 1 & 2 & 3 &4 |
| April-May | List 1 & 2 & 3 &4 |
| July-Aug | List 1 & 2 & 3 &4 |
| Oct-Nov | List 1 & 2 & 3 &4 |

## LIST 1

| FIELD PARAMETERS | CAS Number | AGQS | Method | G11S (G111) 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Standard Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pH (unfiltered) | n/a | 7.46 | Field | 7.12 | 6.60 | 6.95 | 6.73 | 7.46 | 14.46 | 6.85 | 7.12 | 6.60 | 0.23 | 4.00 | 2.353 |
| Specific Conductance<unfiltered, umhos/cm @25C> | n/a | 715.69 | Field | 616.00 | 445.00 | 430.00 | 450.00 | 715.69 | 543.91 | 485.25 | 616.00 | 430.00 | 87.58 | 4.00 | 2.353 |
| Water Temp<deg. F> | n/a | | Field | 57.00 | 50.00 | 48.20 | 54.50 | 63.06 | 72.18 | 52.43 | 57.00 | 48.20 | 4.04 | 4.00 | 2.353 |
| Depth to Water<BLGS> | n/a | | Field | 18.99 | 20.86 | 20.81 | 22.24 | 24.23 | 33.42 | 20.73 | 22.24 | 18.99 | 1.33 | 4.00 | 2.353 |
| Depth to Water<BLTOIC> | n/a | | Field | 21.13 | 23.00 | 22.95 | 24.38 | 26.37 | 36.16 | 22.87 | 24.38 | 21.13 | 1.33 | 4.00 | 2.353 |
| Top of Inner Casing<MSL> | n/a | | Field | 741.04 | 741.04 | 741.04 | 741.04 | 741.04 | 813.36 | 741.04 | 741.04 | 741.04 | 0.00 | 4.00 | 2.353 |
| Groundwater Elev.<MSL> | n/a | | Field | 719.91 | 718.04 | 718.09 | 716.66 | 721.68 | 789.38 | 718.18 | 719.91 | 716.66 | 1.33 | 4.00 | 2.353 |
| Bottom of Well<MSL> | n/a | | Field | 703.97 | 702.60 | 702.60 | 702.60 | 704.74 | 773.40 | 702.94 | 703.97 | 702.60 | 0.68 | 4.00 | 2.353 |

## LIST 2

| MISCELLANEOUS PARAMETERS | | AGQS | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Organic Carbon, mg/l | n/a | 44.77 x | E415.1 | | 1.20 | | 8.50 | 44.77 | 34.55 | 4.85 | 8.50 | 1.20 | 5.16 | 2.00 | 6.314 |
| Total Organic Halogens, mg/l | n/a | 0.00 x | E402.2 | | 0.02 | 0.02 | 0.02 | 0.02 | 2.92 | 0.02 | 0.02 | 0.02 | 0.00 | 3.00 | 2.920 |
| Total Dissolved Solids(TDS),mg/l | n/a | 527.04 x | E160.1 | | 348.00 | | 378.00 | 527.04 | 520.63 | 363.00 | 378.00 | 348.00 | 21.21 | 2.00 | 6.314 |

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GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
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|---|---|---|---|---|---|---|---|
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| G111A(G11D) | 801789.4 | 2000984.8 | | D | 740.53 | 683-690 | |
| ~~E1(G22S)~~ | ~~801792.9~~ | ~~2000417.7~~ | | ~~U~~ | 737.15 | ~~710-724~~ | |
| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

**NOTES:**

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| Sampling Quarter | Analytical Parameters |
|---|---|
| Jan-Feb | List 1 & 2 & 3 &4 |
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| July-Aug | List 1 & 2 & 3 &4 |
| Oct-Nov | List 1 & 2 & 3 &4 |

## LIST 3

| INORGANIC PARAMETERS | CAS Number | AGQS | UNITS | Method | G11S (G111) 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Standard Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity(CaCO3,mg/l) | | 267.30 | mg/l | E310.2 | 246.00 | 250.00 | 260.00 | 251.00 | 267.30 | 294.20 | 251.75 | 260.00 | 246.00 | 5.91 | 4.00 | 2.353 |
| Aluminum | 7429-90-5 | 34660.32 x | ug/l | E200.7 | 420.00 | 7360.00 | 16200.00 | | 34660.32 | 8296.21 | 7993.33 | 16200.00 | 420.00 | 7909.04 | 3.00 | 2.920 |
| Aluminum (dis) | | 222.86 p | ug/l | | 670.00 | 25.00 | 25.00 | 25.00 | 1034.79 | 222.86 | 186.25 | 670.00 | 25.00 | 322.50 | 4.00 | 2.353 |
| Antimony | 7440-36-0 | 0.00 x | ug/l | E200.7 | 250.00 | 2.50 | 2.50 | | 566.80 | 117.54 | 85.00 | 250.00 | 2.50 | 142.89 | 3.00 | 2.920 |
| Antimony (dis) | | 5.00 | ug/l | E200.7 | 250.00 | 2.50 | 2.50 | 2.50 | 389.98 | 86.19 | 64.38 | 250.00 | 2.50 | 123.75 | 4.00 | 2.353 |
| Arsenic | 7440-38-2 | 11.97 | ug/l | E206.2 | 0.50 | 7.00 | 6.00 | 2.50 | 11.97 | 10.00 | 4.00 | 7.00 | 0.50 | 3.03 | 4.00 | 2.353 |
| Barium | 7440-39-3 | 244.90 | ug/l | E200.7 | 100.00 | 140.00 | 190.00 | 100.00 | 244.90 | 163.49 | 132.50 | 190.00 | 100.00 | 42.72 | 4.00 | 2.353 |
| Beryllium | 7440-41-7 | 5.14 | ug/l | E200.7 | 2.50 | 3.00 | 0.80 | 0.20 | 5.14 | 5.74 | 1.63 | 3.00 | 0.20 | 1.34 | 4.00 | 2.353 |
| Boron | 7440-42-8 | 50.00 | ug/l | E200.7 | 25.00 | 50.00 | 50.00 | 50.00 | 76.64 | 61.86 | 43.75 | 50.00 | 25.00 | 12.50 | 4.00 | 2.353 |
| Cadium | 7440-43-9 | 18.44 | ug/l | E213.2 | 5.00 | 10.00 | 12.00 | 12.00 | 18.44 | 18.69 | 9.75 | 12.00 | 5.00 | 3.30 | 4.00 | 2.353 |
| Calcium (mg/l) | 7440-70-2 | 631.91 | mg/l | E200.7 | 102.00 | 336.00 | 418.00 | 251.00 | 631.91 | 321.22 | 276.75 | 418.00 | 102.00 | 134.98 | 4.00 | 2.353 |
| Chloride (mg/l) | 6887-00-6 | 29.97 | mg/l | E325.2 | 24.00 | 22.00 | 22.00 | 27.00 | 29.97 | 37.28 | 23.75 | 27.00 | 22.00 | 2.36 | 4.00 | 2.353 |
| Chromium | 7440-47-3 | 108.28 | ug/l | E200.7 | 10.00 | 50.00 | 70.00 | 40.00 | 108.28 | 60.36 | 42.50 | 70.00 | 10.00 | 25.00 | 4.00 | 2.353 |
| Cobalt | 7440-48-4 | 73.41 | ug/l | E200.7 | 50.00 | 20.00 | 20.00 | 5.00 | 73.41 | 37.28 | 23.75 | 50.00 | 5.00 | 18.87 | 4.00 | 2.353 |
| Copper | 7440-50-8 | 131.07 | ug/l | E200.7 | 10.00 | 80.00 | 60.00 | 60.00 | 131.07 | 72.27 | 52.50 | 80.00 | 10.00 | 29.86 | 4.00 | 2.353 |
| Fluoride (mg/l) | 7782-41-4 | 0.22 | mg/l | E340.2 | 0.15 | 0.12 | 0.05 | 0.07 | 0.22 | 1.86 | 0.10 | 0.15 | 0.05 | 0.05 | 4.00 | 2.353 |
| Iron | 7439-89-6 | 90088.18 | ug/l | E200.7 | 380.00 | 45400.00 | 49700.00 | 29900.00 | 90088.18 | 31811.52 | 31345.00 | 49700.00 | 380.00 | 22326.13 | 4.00 | 2.353 |
| Lead | 7439-92-1 | 544.90 | ug/l | E239.2 | 2.50 | 297.00 | 216.00 | 266.00 | 544.90 | 232.85 | 195.38 | 297.00 | 2.50 | 132.84 | 4.00 | 2.353 |

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GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
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**G11S (G111)**

| | | | | | 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Standard Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Magnesium (mg/l) | 7439-95-4 | **339.69** | mg/l | E200.7 | 48.00 | 168.00 | 226.00 | 133.00 | 339.69 | 176.00 | 143.75 | 226.00 | 48.00 | 74.47 | 4.00 | 2.353 |
| Manganese | 7439-96-5 | **2487.86** | ug/l | E200.7 | 104.00 | 1140.00 | 1530.00 | 560.00 | 2487.86 | 910.16 | 833.50 | 1530.00 | 104.00 | 628.76 | 4.00 | 2.353 |
| Mercury | 7439-97-6 | **0.20** | ug/l | E245.1 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 1.87 | 0.10 | 0.10 | 0.10 | 0.00 | 4.00 | 2.353 |
| Nickel | 7440-02-0 | **97.31** | ug/l | E200.7 | 20.00 | 50.00 | 60.00 | 60.00 | 97.31 | 66.34 | 47.50 | 60.00 | 20.00 | 18.93 | 4.00 | 2.353 |
| Nitrate (Total as N) | 7727-37-9 | **11282.35** | ug/l | E353.2 | 10300.00 | 8950.00 | 9460.00 | 8580.00 | 11282.35 | 9577.24 | 9322.50 | 10300.00 | 8580.00 | 744.87 | 4.00 | 2.353 |
| Potassium(mg/l) | | **2.64** | mg/l | | 2.00 | 2.14 | 2.20 | 2.41 | 2.64 | 6.83 | 2.19 | 2.41 | 2.00 | 0.17 | 4.00 | 2.353 |
| Radium-226 | | **2.15** | pci/l | E903.0M | 0.30 | 0.78 | 1.50 | 0.51 | 2.15 | 3.88 | 0.77 | 1.50 | 0.30 | 0.52 | 4.00 | 2.353 |
| Radium-226(counting error) | | **0.88** | pci/l | | 0.10 | 0.45 | 0.56 | 0.32 | 0.88 | 2.77 | 0.36 | 0.56 | 0.10 | 0.20 | 4.00 | 2.353 |
| Radium-228 | | **2.94** | pci/l | E904.0 | 0.00 | 0.10 | 0.09 | 1.90 | 2.94 | 3:24 | 0.52 | 1.90 | 0.00 | 0.92 | 4.00 | 2.353 |
| Radium-228(counting error) | | **2.27** | pci/l | | 0.50 | 1.50 | 1.30 | 1.20 | 2.27 | 4.69 | 1.13 | 1.50 | 0.50 | 0.43 | 4.00 | 2.353 |
| Selenium | 7782-49-2 | **2.00** | ug/l | E270.2 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 4.41 | 1.00 | 1.00 | 1.00 | 0.00 | 4.00 | 2.353 |
| Silver | 7440-22-4 | **10.00** | ug/l | E200.7 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 11.62 | 5.00 | 5.00 | 5.00 | 0.00 | 4.00 | 2.353 |
| Sodium(mg/l) | 7440-23-5 | **45.05** | mg/l | E200.7 | 8.00 | 20.20 | 8.80 | 30.60 | 45.05 | 28.43 | 16.90 | 30.60 | 8.00 | 10.70 | 4.00 | 2.353 |
| Sodium(dis,mg/l) | | **14:12** | mg/l | | 12.00 | 8.25 | 9.59 | 8.41 | 14.12 | 18.42 | 9.56 | 12.00 | 8.25 | 1.73 | 4.00 | 2.353 |
| Strontium-90 | | **6.21 p** | pci/l | E905.0 | 1.00 | 0.50 | 2.75 | 3.20 | 5.32 | 6.21 | 1.86 | 3.20 | 0.50 | 1.31 | 4.00 | 2.353 |
| Sulfate(mg/l) | 4808-79-8 | **31.86** | mg/l | E375.2 | 25.00 | 18.00 | 25.00 | 24.00 | 31.86 | 36.33 | 23.00 | 25.00 | 18.00 | 3.37 | 4.00 | 2.353 |
| Thallium | 7440-28-0 | **2.00** | ug/l | E279.2 | 100.00 | 1.00 | 2.00 | 1.00 | 155.81 | 40.13 | 26.00 | 100.00 | 1.00 | 49.34 | 4.00 | 2.353 |
| Tritium | | **500.00** | pci/l | E906.0 | 250.00 | 460.00 | 455.00 | 470.00 | 687.70 | 462.64 | 408.75 | 470.00 | 250.00 | 106.02 | 4.00 | 2.353 |
| Vanadium | 7440-62-2 | **50.00** | ug/l | 200.7 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 38.87 | 25.00 | 25.00 | 25.00 | 0.00 | 4.00 | 2.353 |
| Zinc | 7440-66-6 | **23685.40** | ug/l | E200.7 | 3500.00 | 11000.00 | 9580.00 | 16100.00 | 23685.40 | 10309.40 | 10045.00 | 16100.00 | 3500.00 | 5184.22 | 4.00 | 2.353 |

* Analytical Methods for Flame Spectrophotometry, Varian, 1979

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PAGEL LANDFILL
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| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

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**2) If all four quarters of analytical results were below the Reporting Limit (PQL) the lowest PQL was used to determine the AGQS**

**3) AGQS values of zero indicate that less than 4 quarters of data were collected and none of the sampled quarters were above the PQL**

**4) "p" next to the AGQS indicates that a Poisson Prediction limit was used to determine the AGQS. This was done for samples in which >50% and <90% of the samples are nondetect**

| Sampling Quarter | Analytical Parameters |
|---|---|
| Jan-Feb | List 1 & 2 & 3 &4 |
| April-May | List 1 & 2 & 3 &4 |
| July-Aug | List 1 & 2 & 3 &4 |
| Oct-Nov | List 1 & 2 & 3 &4 |

## LIST 4

| ORGANIC CONSTITUENTS | CAS Number | AGQS | | UNITS | Method | G11S (G111) 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Standard Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| bis Chloromethyl ether | 542-88-1 | ERR | x | ug/l | SW8260 | | | | | ERR | ERR | ERR | ERR | ERR | ERR | 0.00 | ERR |
| Carbofuran | 1563-66-2 | 10.00 | | ug/l | SW8270 | 25.00 | 5.00 | 5.50 | 5.00 | 36.22 | 19.22 | 10.13 | 25.00 | 5.00 | 9.92 | 4.00 | 2.353 |
| DDT | 50-29-3 | 0.00 | x | ug/l | E413.1 | | 0.05 | 0.05 | 0.05 | 0.05 | 3.08 | 0.05 | 0.05 | 0.05 | 0.00 | 3.00 | 2.920 |
| Gross Alpha (pci/l | | 9.51 | | ug/l | E900.0 | 1.80 | 6.80 | 2.50 | 2.00 | 9.51 | 8.78 | 3.28 | 6.80 | 1.80 | 2.37 | 4.00 | 2.353 |
| Hexanes | | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Oil (Hexane soluble or Equiv.) mg/l | | 1.00 | | mg/l | | 2.50 | 0.50 | 0.50 | 0.50 | 3.63 | 4.41 | 1.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Iodomethane; Methyl iodide | 74-88-4 | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Chlorotoluene, o- | 95-49-8 | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Chlorotoluene, p- | 106-43-4 | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |

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GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
Monitoring for determining Applicable Groundwater Quality Standards in Expansion Permit (note at bottom of pg 16 )

**PROGRAM No. 4 - Revised 2-14-94**

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (cm/s) | | MEASURING POINT ELEV. TOIC | SAMPLED INTERVAL* | |
|---|---|---|---|---|---|---|---|
| G111(G11S) | 801788.2 | 2000990.7 | 2.40E-02 | U | 741.04 | 703-716 | |
| G111A(G11D) | 801789.4 | 2000984.8 | | D | 740.53 | 683-690 | |
| E1(G22S) | 801792.9 | 2000417.7 | | U | 737.15 | 710-724 | |
| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

**NOTES:**

**1) "X" next to AGQS indicates that less than 4 quarters of data was collected**

**2) If all four quarters of analytical results were below the Reporting Limit (PQL) the lowest PQL was used to determine the AGQS**

**3) AGQS values of zero indicate that less than 4 quarters of data were collected and none of the sampled quarters were above the PQL**

**4) "p" next to the AGQS indicates that a Poisson Prediction limit was used to determine the AGQS. This was done for samples in which >50% and <90% of the samples are nondetect**

| Sampling Quarter | Analytical Parameters |
|---|---|
| Jan-Feb | List 1 & 2 & 3 &4 |
| April-May | List 1 & 2 & 3 &4 |
| July-Aug | List 1 & 2 & 3 &4 |
| Oct-Nov | List 1 & 2 & 3 &4 |

## LIST 1

| FIELD PARAMETERS | CAS Number | AGQS | Method | G11D (G111A) 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pH (unfiltered) | n/a | 6.97 | Field | 6.80 | 6.83 | 6.72 | 6.64 | 6.97 | 14.31 | 6.75 | 6.83 | 6.64 | 0.09 | 4.00 | 2.353 |
| Specific Conductance<unfiltered, umhos/cm @25C> | n/a | 773.49 | Field | 659.00 | 470.00 | 440.00 | 490.00 | 773.49 | 575.14 | 514.75 | 659.00 | 440.00 | 98.34 | 4.00 | 2.353 |
| Water Temp<deg. F> | n/a | | Field | 66.00 | 50.00 | 47.30 | 54.50 | 76.16 | 74.57 | 54.45 | 66.00 | 47.30 | 8.25 | 4.00 | 2.353 |
| Depth to Water<BLGS> | n/a | | Field | 18.45 | 20.33 | 20.35 | 21.79 | 23.83 | 32.78 | 20.23 | 21.79 | 18.45 | 1.37 | 4.00 | 2.353 |
| Depth to Water<BLTOIC> | n/a | | Field | 20.58 | 22.46 | 22.48 | 23.92 | 25.96 | 35.51 | 22.36 | 23.92 | 20.58 | 1.37 | 4.00 | 2.353 |
| Top of Inner Casing<MSL> | n/a | | Field | 740.53 | 740.53 | 740.53 | 740.53 | 740.53 | 812.83 | 740.53 | 740.53 | 740.53 | 0.00 | 4.00 | 2.353 |
| Groundwater Elev.<MSL> | n/a | | Field | 719.95 | 718.07 | 718.05 | 716.61 | 721.77 | 789.38 | 718.17 | 719.95 | 716.61 | 1.37 | 4.00 | 2.353 |
| Bottom of Well<MSL> | n/a | | Field | 683.30 | 683.30 | 683.30 | 683.30 | 683.30 | 752.77 | 683.30 | 683.30 | 683.30 | 0.00 | 4.00 | 2.353 |

## LIST 2

| MISCELLANEOUS PARAMETERS | | AGQS | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Organic Carbon, mg/l | n/a | 0.00 x | E415.1 | | 0.50 | | 0.90 | 2.89 | 22.55 | 0.70 | 0.90 | 0.50 | 0.28 | 2.00 | 6.314 |
| Total Organic Halogens, mg/l | n/a | 0.00 x | E402.2 | | 0.02 | 0.02 | 0.02 | 0.02 | 2.92 | 0.02 | 0.02 | 0.02 | 0.00 | 3.00 | 2.920 |
| Total Dissolved Solids(TDS),mg/l | n/a | 409.81 x | E160.1 | | 374.00 | | 380.00 | 409.81 | 537.44 | 377.00 | 380.00 | 374.00 | 4.24 | 2.00 | 6.314 |

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GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
Monitoring for determining Applicable Groundwater Quality Standards in Expansion Permit (note at bottom of pg 16 )

**PROGRAM No. 4 - Revised 2-14-94**

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (cm/s) | | MEASURING POINT ELEV. TOIC | SAMPLED INTERVAL* | |
|---|---|---|---|---|---|---|---|
| G111(G11S) | 801788.2 | 2000990.7 | 2.40E-02 | U | 741.04 | 703-716 | |
| G111A(G11D) | 801789.4 | 2000984.8 | | D | 740.53 | 683-690 | |
| E1(G22S) | 801792.9 | 2000417.7 | | U | 737.15 | 710-724 | |
| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

**NOTES:**

**1) "X" next to AGQS indicates that less than 4 quarters of data was collected**

**2) If all four quarters of analytical results were below the Reporting Limit (PQL) the lowest PQL was used to determine the AGQS**

**3) AGQS values of zero indicate that less than 4 quarters of data were collected and none of the sampled quarters were above the PQL**

**4) "p" next to the AGQS indicates that a Poisson Prediction limit was used to determine the AGQS. This was done for samples in which >50% and <90% of the samples are nondetect**

| Sampling Quarter | Analytical Parameters |
|---|---|
| Jan-Feb | List 1 & 2 & 3 &4 |
| April-May | List 1 & 2 & 3 &4 |
| July-Aug | List 1 & 2 & 3 &4 |
| Oct-Nov | List 1 & 2 & 3 &4 |

## LIST 3

| INORGANIC PARAMETERS | CAS Number | AGQS | | UNITS | Method | G11D (G111A) 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alkalinity(CaCO3,mg/l) | | 274.81 | | mg/l | E310.2 | 246.00 | 252.00 | 263.00 | 259.00 | 274.81 | 297.71 | 255.00 | 263.00 | 246.00 | 7.53 | 4.00 | 2.353 |
| Aluminum | 7429-90-5 | 3765.04 | x | ug/l | E200.7 | 460.00 | 1970.00 | 740.00 | | 3765.04 | 1167.70 | 1056.67 | 1970.00 | 460.00 | 803.26 | 3.00 | 2.920 |
| Aluminum (dis) | | 164.88 | p | ug/l | | 460.00 | 25.00 | 25.00 | 25.00 | 706.02 | 164.88 | 133.75 | 460.00 | 25.00 | 217.50 | 4.00 | 2.353 |
| Antimony | 7440-36-0 | 0.00 | x | ug/l | E200.7 | 250.00 | 2.50 | 2.50 | | 566.80 | 117.54 | 85.00 | 250.00 | 2.50 | 142.89 | 3.00 | 2.920 |
| Antimony (dis) | | 5.00 | | ug/l | E200.7 | 250.00 | 2.50 | 2.50 | 2.50 | 389.98 | 86.19 | 64.38 | 250.00 | 2.50 | 123.75 | 4.00 | 2.353 |
| Arsenic | 7440-38-2 | 1.00 | | ug/l | E206.2 | 0.50 | 2.00 | 1.00 | 1.00 | 2.78 | 4.69 | 1.13 | 2.00 | 0.50 | 0.63 | 4.00 | 2.353 |
| Barium | 7440-39-3 | 122.69 | | ug/l | E200.7 | 100.00 | 110.00 | 90.00 | 90.00 | 122.69 | 124.18 | 97.50 | 110.00 | 90.00 | 9.57 | 4.00 | 2.353 |
| Beryllium | 7440-41-7 | 0.20 | | ug/l | E200.7 | 2.50 | 0.10 | 0.10 | 0.10 | 3.86 | 3.70 | 0.70 | 2.50 | 0.10 | 1.20 | 4.00 | 2.353 |
| Boron | 7440-42-8 | 72.56 | p | ug/l | E200.7 | 61.00 | 50.00 | 50.00 | 50.00 | 67.22 | 72.56 | 52.75 | 61.00 | 50.00 | 5.50 | 4.00 | 2.353 |
| Cadium | 7440-43-9 | 0.20 | | ug/l | E213.2 | 5.00 | 2.50 | 2.50 | 0.10 | 7.79 | 7.46 | 2.53 | 5.00 | 0.10 | 2.00 | 4.00 | 2.353 |
| Calcium (mg/l) | 7440-70-2 | 100.29 | | mg/l | E200.7 | 89.00 | 88.30 | 78.90 | 76.10 | 100.29 | 107.76 | 83.08 | 89.00 | 76.10 | 6.54 | 4.00 | 2.353 |
| Chloride (mg/l) | 6887-00-6 | 28.24 | | mg/l | E325.2 | 26.00 | 23.00 | 22.00 | 24.00 | 28.24 | 37.28 | 23.75 | 26.00 | 22.00 | 1.71 | 4.00 | 2.353 |
| Chromium | 7440-47-3 | 57.21 | | ug/l | E200.7 | 10.00 | 40.00 | 20.00 | 10.00 | 57.21 | 32.48 | 20.00 | 40.00 | 10.00 | 14.14 | 4.00 | 2.353 |
| Cobalt | 7440-48-4 | 10.00 | | ug/l | E200.7 | 50.00 | 5.00 | 5.00 | 5.00 | 75.45 | 27.57 | 16.25 | 50.00 | 5.00 | 22.50 | 4.00 | 2.353 |
| Copper | 7440-50-8 | 19.04 | p | ug/l | E200.7 | 10.00 | 20.00 | 5.00 | 5.00 | 28.60 | 19.04 | 10.00 | 20.00 | 5.00 | 7.07 | 4.00 | 2.353 |
| Fluoride (mg/l) | 7782-41-4 | 1.73 | p | mg/l | E340.2 | 0.05 | 0.11 | 0.05 | 0.06 | 0.14 | 1.73 | 0.07 | 0.11 | 0.05 | 0.03 | 4.00 | 2.353 |
| Iron | 7439-89-6 | 10931.46 | | ug/l | E200.7 | 3700.00 | 7080.00 | 2840.00 | 190.00 | 10931.46 | 3607.79 | 3452.50 | 7080.00 | 190.00 | 2842.48 | 4.00 | 2.353 |
| Lead | 7439-92-1 | 3.00 | | ug/l | E239.2 | 2.50 | 1.50 | 1.50 | 1.50 | 3.07 | 5.99 | 1.75 | 2.50 | 1.50 | 0.50 | 4.00 | 2.353 |

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GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
Monitoring for determining Applicable Groundwater Quality Standards in Expansion Permit (note at bottom of pg 16 )

**PROGRAM No. 4 - Revised 2-14-94**

| WELL NUMBER | EASTING | NORTHING | HYDRAULIC CONDUCTIVITY (cm/s) | | MEASURING POINT ELEV. TOIC | SAMPLED INTERVAL* | |
|---|---|---|---|---|---|---|---|
| G111(G11S) | 801788.2 | 2000990.7 | 2.40E-02 | U | 741.04 | 703-716 | |
| G111A(G11D) | 801789.4 | 2000984.8 | | D | 740.53 | 683-690 | |
| E1(G22S) | 801792.9 | 2000417.7 | | U | 737.15 | 710-724 | |
| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

**NOTES:**

**1) "X" next to AGQS indicates that less than 4 quarters of data was collected**

**2) If all four quarters of analytical results were below the Reporting Limit (PQL) the lowest PQL was used to determine the AGQS**

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| Sampling Quarter | Analytical Parameters |
|---|---|
| Jan-Feb | List 1 & 2 & 3 &4 |
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| Oct-Nov | List 1 & 2 & 3 &4 |

**G11D (G111A)**

| | | | | | 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Poisson Prediction Limit | Prediction Limit | Mean | Max | Min | Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Magnesium (mg/l) | 7439-95-4 | **47.80** | mg/l | E200.7 | 42.00 | 44.90 | 39.70 | 40.50 | 47.80 | 59.49 | 41.78 | 44.90 | 39.70 | 2.29 | 4.00 | 2.353 |
| Manganese | 7439-96-5 | **273.90** | ug/l | E200.7 | 90.00 | 180.00 | 50.00 | 10.00 | 273.90 | 107.10 | 82.50 | 180.00 | 10.00 | 72.74 | 4.00 | 2.353 |
| Mercury | 7439-97-6 | **0.20** | ug/l | E245.1 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 1.87 | 0.10 | 0.10 | 0.10 | 0.00 | 4.00 | 2.353 |
| Nickel | 7440-02-0 | **41.48** | ug/l | E200.7 | 20.00 | 30.00 | 10.00 | 20.00 | 41.48 | 32.48 | 20.00 | 30.00 | 10.00 | 8.16 | 4.00 | 2.353 |
| Nitrate (Total as N) | 7727-37-9 | **14059.03** | ug/l | E353.2 | 13000.00 | 12000.00 | 11500.00 | 11100.00 | 14059.03 | 12187.72 | 11900.00 | 13000.00 | 11100.00 | 820.57 | 4.00 | 2.353 |
| Potassium(mg/l) | | **2.31** | mg/l | | 2.00 | 1.58 | 1.86 | 1.58 | 2.31 | 6.00 | 1.76 | 2.00 | 1.58 | 0.21 | 4.00 | 2.353 |
| Radium-226 | | **1.14** | Pci/l | E903.0M | 0.10 | 0.73 | 0.30 | 0.53 | 1.14 | 2.93 | 0.41 | 0.73 | 0.10 | 0.27 | 4.00 | 2.353 |
| Radium-226(counting error) | | **0.61** | Pci/l | | 0.10 | 0.29 | 0.39 | 0.34 | 0.61 | 2.53 | 0.28 | 0.39 | 0.10 | 0.13 | 4.00 | 2.353 |
| Radium-228 | | **2.30** | Pci/l | E904.0 | 1.50 | 0.06 | 0.60 | 0.20 | 2.30 | 3.42 | 0.59 | 1.50 | 0.06 | 0.65 | 4.00 | 2.353 |
| Radium-228(counting error) | | **2.30** | Pci/l | | 0.60 | 0.90 | 1.50 | 0.12 | 2.30 | 3.90 | 0.78 | 1.50 | 0.12 | 0.58 | 4.00 | 2.353 |
| Selenium | 7782-49-2 | **2.00** | ug/l | E270.2 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 4.41 | 1.00 | 1.00 | 1.00 | 0.00 | 4.00 | 2.353 |
| Silver | 7440-22-4 | **10.00** | ug/l | E200.7 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 11.62 | 5.00 | 5.00 | 5.00 | 0.00 | 4.00 | 2.353 |
| Sodium (mg/l) | 7440-23-5 | **10.29** | mg/l | E200.7 | 7.00 | 6.79 | 6.90 | 9.06 | 10.29 | 15.34 | 7.44 | 9.06 | 6.79 | 1.09 | 4.00 | 2.353 |
| Sodium(dis,mg/l) | | **9.72** | mg/l | | 9.00 | 7.81 | 7.61 | 7.91 | 9.72 | 16.29 | 8.08 | 9.00 | 7.61 | 0.62 | 4.00 | 2.353 |
| Strontium-90 | | **6.38** p | Pci/l | E905.0 | 1.00 | 0.55 | 2.65 | 3.60 | 5.69 | 6.38 | 1.95 | 3.60 | 0.55 | 1.42 | 4.00 | 2.353 |
| Sulfate(mg/l) | 4808-79-8 | **53.80** | mg/l | E375.2 | 44.00 | 25.00 | 29.00 | 29.00 | 53.80 | 47.28 | 31.75 | 44.00 | 25.00 | 8.38 | 4.00 | 2.353 |
| Thallium | 7440-28-0 | **2.00** | ug/l | E279.2 | 100.00 | 1.00 | 2.00 | 1.00 | 155.81 | 40.13 | 26.00 | 100.00 | 1.00 | 49.34 | 4.00 | 2.353 |
| Tritium | | **500.00** | Pci/l | E906.0 | 250.00 | 460.00 | 455.00 | 470.00 | 687.70 | 462.64 | 408.75 | 470.00 | 250.00 | 106.02 | 4.00 | 2.353 |
| Vanadium | 7440-62-2 | **50.00** | ug/l | 200.7 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 38.87 | 25.00 | 25.00 | 25.00 | 0.00 | 4.00 | 2.353 |
| Zinc | 7440-66-6 | **118.58** | ug/l | E200.7 | 10.00 | 80.00 | 10.00 | 20.00 | 118.58 | 45.12 | 30.00 | 80.00 | 10.00 | 33.67 | 4.00 | 2.353 |

* Analytical Methods for Flame Spectrophotometry, Varian, 1979

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GROUNDWATER MONITORING WINNEBAGO RECLAMATION SERVICE
PAGEL LANDFILL
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**PROGRAM No. 4 - Revised 2-14-94**

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| E1A(G22D) | 801792.7 | 2000409.1 | | U | 736.89 | 676-684 | |
| R22S | 801782.5 | 2000416.3 | | U | 736.70 | 710.6-720.6 | -installed 2-14-94 |

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| Sampling Quarter | Analytical Parameters |
|---|---|
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| April-May | List 1 & 2 & 3 &4 |
| July-Aug | List 1 & 2 & 3 &4 |
| Oct-Nov | List 1 & 2 & 3 &4 |

## LIST 4

| ORGANIC CONSTITUENTS | CAS Number | AGQS | | UNITS | Method | G11D (G111A) 26-Aug-93 | 15-Nov-93 | 22-Feb-94 | 17-May-94 | Prediction Limit | Poisson Prediction Limit | Mean | Max | Min | Deviation | Sample Number | Students t-Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| bis Chloromethyl ether | 542-88-1 | ERR | x | ug/l | SW8260 | | | | | ERR | ERR | ERR | ERR | ERR | ERR | 0.00 | ERR |
| Carbofuran | 1563-66-2 | 10.00 | | ug/l | SW8270 | 25.00 | 5.00 | 5.00 | 5.00 | 36.31 | 19.04 | 10.00 | 25.00 | 5.00 | 10.00 | 4.00 | 2.353 |
| DDT | 50-29-3 | 0.00 | x | ug/l | E413.1 | | 0.05 | 0.05 | 0.05 | 0.05 | 3.08 | 0.05 | 0.05 | 0.05 | 0.00 | 3.00 | 2.920 |
| Gross Alpha (pci/l | | 4.86 | | ug/l | E900.0 | 0.60 | 3.40 | 1.15 | 1.00 | 4.86 | 5.56 | 1.54 | 3.40 | 0.60 | 1.26 | 4.00 | 2.353 |
| Hexanes | | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Oil (Hexane soluble or Equiv.) mg/l | | 1.00 | | mg/l | | 2.50 | 0.50 | 0.50 | 1.00 | 3.62 | 4.69 | 1.13 | 2.50 | 0.50 | 0.95 | 4.00 | 2.353 |
| Iodomethane; Methyl iodide | 74-88-4 | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Chlorotoluene, o- | 95-49-8 | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |
| Chlorotoluene, p- | 106-43-4 | 1.00 | | ug/l | | 0.50 | 2.50 | 2.50 | 2.50 | 4.63 | 6.48 | 2.00 | 2.50 | 0.50 | 1.00 | 4.00 | 2.353 |