

Your P.O. #: CALL UP #49
 Your Project #: R.071033.035
 Site Location: TIMBER SAMPLES-SOUTH DILDO
 Your C.O.C. #: 491999-42-01

Attention: Tammy Delaney

Public Works & Government Services Canada
 PO Box 4600
 10 Barter's Hill
 St. John's, NL
 A1C 5T2

Report Date: 2015/02/06
 Report #: R3323276
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B517608
Received: 2015/01/30, 09:53

Sample Matrix: Soil
 # Samples Received: 3

| Analyses | Quantity | Date | | Laboratory Method | Reference |
|-------------------------------------------|----------|------------|------------|-------------------|------------|
| | | Extracted | Analyzed | | |
| Semivolatile Organic Compounds (TCLP) (1) | 3 | 2015/02/04 | 2015/02/05 | CAM SOP-00301 | EPA 8270 m |
| TCLP - % Solids (1) | 3 | 2015/02/03 | 2015/02/04 | CAM SOP-00401 | EPA 1311 m |
| TCLP - Extraction Fluid (1) | 3 | N/A | 2015/02/04 | CAM SOP-00401 | EPA 1311 m |
| TCLP - Initial and final pH (1) | 3 | N/A | 2015/02/04 | CAM SOP-00401 | EPA 1311 m |

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Maxxam Analytics Mississauga

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Heather Macumber, Project Manager
 Email: HMacumber@maxxam.ca
 Phone# (902)420-0203 Ext:226

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

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Report Date: 2015/02/06

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RESULTS OF ANALYSES OF SOIL

| Maxxam ID | | ZJ0244 | ZJ0245 | ZJ0246 | | |
|----------------------------------|-------|--------------------------|--------------------------|--------------------------|-----|----------|
| Sampling Date | | 2015/01/27 | 2015/01/27 | 2015/01/27 | | |
| COC Number | | 491999-42-01 | 491999-42-01 | 491999-42-01 | | |
| | Units | SAMPLE #1 SOUTH DILDO | SAMPLE #2 SOUTH DILDO | SAMPLE #3 SOUTH DILDO | RDL | QC Batch |
| Inorganics | | | | | | |
| Final pH | pH | 4.98 | 5.00 | 4.98 | | 3908026 |
| Initial pH | pH | 6.81 | 7.01 | 7.07 | | 3908026 |
| TCLP - % Solids | % | 100 | 100 | 100 | 0.2 | 3908024 |
| TCLP Extraction Fluid | N/A | FLUID 1 | FLUID 1 | FLUID 1 | | 3908025 |
| RDL = Reportable Detection Limit | | | | | | |
| QC Batch = Quality Control Batch | | | | | | |

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SEMI-VOLATILE ORGANICS BY GC-MS (SOIL)

| Maxxam ID | | ZJ0244 | ZJ0245 | ZJ0246 | | |
|-------------------------------------------------------------------------------------------|-------|-----------------------|-----------------------|-----------------------|------|----------|
| Sampling Date | | 2015/01/27 | 2015/01/27 | 2015/01/27 | | |
| COC Number | | 491999-42-01 | 491999-42-01 | 491999-42-01 | | |
| | Units | SAMPLE #1 SOUTH DILDO | SAMPLE #2 SOUTH DILDO | SAMPLE #3 SOUTH DILDO | RDL | QC Batch |
| Semivolatile Organics | | | | | | |
| Leachable Phenol | ug/L | ND | ND | ND | 20 | 3908600 |
| Leachable Aldicarb | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable Atrazine | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Des-ethyl atrazine | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Bendiocarb | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Benzo(a)pyrene | ug/L | 1.2 | 3.6 | ND | 0.80 | 3908600 |
| Leachable Bromoxynil | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Carbaryl | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable Carbofuran | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable Chlorpyrifos (Dursban) | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable m/p-Cresol | ug/L | 440 | 46 | 520 | 20 | 3908600 |
| Leachable o-Cresol | ug/L | 320 | 55 | 340 | 20 | 3908600 |
| Leachable Cresol Total | ug/L | 760 | 100 | 860 | 20 | 3908600 |
| Leachable Cyanazine (Bladex) | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable 2,4-D | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable 2,4-Dichlorophenol | ug/L | ND | ND | ND | 20 | 3908600 |
| Leachable Diazinon | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Dicamba | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Diclofop-methyl | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Dimethoate | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable 2,4-Dinitrotoluene | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Dinoseb | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Hexachlorobenzene | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Hexachlorobutadiene | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Hexachloroethane | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Malathion | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable Methyl parathion | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Metolachlor | ug/L | ND | ND | ND | 20 | 3908600 |
| Leachable Metribuzin (Sencor) | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable Nitrobenzene | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Ethyl Parathion | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Pentachlorophenol | ug/L | ND | ND | ND | 20 | 3908600 |
| RDL = Reportable Detection Limit QC Batch = Quality Control Batch ND = Not detected | | | | | | |

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SEMI-VOLATILE ORGANICS BY GC-MS (SOIL)

| Maxxam ID | | ZJ0244 | ZJ0245 | ZJ0246 | | |
|-------------------------------------------------------------------------------------------|-------|-----------------------|-----------------------|-----------------------|-----|----------|
| Sampling Date | | 2015/01/27 | 2015/01/27 | 2015/01/27 | | |
| COC Number | | 491999-42-01 | 491999-42-01 | 491999-42-01 | | |
| | Units | SAMPLE #1 SOUTH DILDO | SAMPLE #2 SOUTH DILDO | SAMPLE #3 SOUTH DILDO | RDL | QC Batch |
| Leachable Phorate | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable Picloram | ug/L | ND | ND | ND | 200 | 3908600 |
| Leachable Pyridine | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable Simazine | ug/L | ND | ND | ND | 80 | 3908600 |
| Leachable 2,4,5-T | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable 2,4,5-TP (Silvex) | ug/L | ND | ND | ND | 20 | 3908600 |
| Leachable Terbufos | ug/L | ND | ND | ND | 28 | 3908600 |
| Leachable 2,3,4,6-Tetrachlorophenol | ug/L | ND | ND | ND | 20 | 3908600 |
| Leachable Triallate | ug/L | ND | ND | ND | 40 | 3908600 |
| Leachable 2,4,5-Trichlorophenol | ug/L | ND | ND | ND | 4.0 | 3908600 |
| Leachable 2,4,6-Trichlorophenol | ug/L | ND | ND | ND | 20 | 3908600 |
| Leachable Trifluralin | ug/L | ND | ND | ND | 40 | 3908600 |
| Surrogate Recovery (%) | | | | | | |
| Leachable 2,4,6-Tribromophenol | % | 61 | 77 | 66 | | 3908600 |
| Leachable 2-Fluorobiphenyl | % | 59 | 61 | 53 | | 3908600 |
| Leachable 2-Fluorophenol | % | 63 | 68 | 67 | | 3908600 |
| Leachable D14-Terphenyl (FS) | % | 74 | 89 | 79 | | 3908600 |
| Leachable D5-Nitrobenzene | % | 68 | 82 | 73 | | 3908600 |
| Leachable D5-Phenol | % | 28 | 30 | 28 | | 3908600 |
| RDL = Reportable Detection Limit QC Batch = Quality Control Batch ND = Not detected | | | | | | |

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GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

| | |
|-----------|--------|
| Package 1 | 10.0°C |
|-----------|--------|

TCLP ABN Analysis: Due to the nature of the samples, a smaller amount was used for the analysis. Detection limits were adjusted accordingly.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | Units | QC Limits |
|-------------------------------------|------------|--------------|----------------------------------|---------------|----------|----------|-------|-----------|
| 3908600 | WZ | Matrix Spike | Leachable 2,4,6-Tribromophenol | 2015/02/05 | | 90 | % | 10 - 130 |
| | | | Leachable 2-Fluorobiphenyl | 2015/02/05 | | 66 | % | 30 - 130 |
| | | | Leachable 2-Fluorophenol | 2015/02/05 | | 57 | % | 10 - 130 |
| | | | Leachable D14-Terphenyl (FS) | 2015/02/05 | | 99 | % | 30 - 130 |
| | | | Leachable D5-Nitrobenzene | 2015/02/05 | | 78 | % | 30 - 130 |
| | | | Leachable D5-Phenol | 2015/02/05 | | 27 | % | 10 - 130 |
| | | | Leachable Phenol | 2015/02/05 | | 29 (1) | % | 30 - 130 |
| | | | Leachable Aldicarb | 2015/02/05 | | 107 | % | 30 - 130 |
| | | | Leachable Atrazine | 2015/02/05 | | 106 | % | 30 - 130 |
| | | | Leachable Des-ethyl atrazine | 2015/02/05 | | 56 | % | 30 - 130 |
| | | | Leachable Bendiocarb | 2015/02/05 | | 97 | % | 30 - 130 |
| | | | Leachable Benzo(a)pyrene | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable Bromoxynil | 2015/02/05 | | 101 | % | 10 - 130 |
| | | | Leachable Carbaryl | 2015/02/05 | | 100 | % | 30 - 130 |
| | | | Leachable Carbofuran | 2015/02/05 | | 91 | % | 30 - 130 |
| | | | Leachable Chlorpyrifos (Dursban) | 2015/02/05 | | 105 | % | 30 - 130 |
| | | | Leachable m/p-Cresol | 2015/02/05 | | 56 | % | 10 - 130 |
| | | | Leachable o-Cresol | 2015/02/05 | | 66 | % | 10 - 130 |
| | | | Leachable Cyanazine (Bladex) | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable 2,4-D | 2015/02/05 | | 78 | % | 10 - 130 |
| | | | Leachable 2,4-Dichlorophenol | 2015/02/05 | | 73 | % | 10 - 130 |
| | | | Leachable Diazinon | 2015/02/05 | | 93 | % | 30 - 130 |
| | | | Leachable Dicamba | 2015/02/05 | | 66 | % | 10 - 130 |
| | | | Leachable Diclofop-methyl | 2015/02/05 | | 98 | % | 30 - 130 |
| | | | Leachable Dimethoate | 2015/02/05 | | 93 | % | 30 - 130 |
| | | | Leachable 2,4-Dinitrotoluene | 2015/02/05 | | 86 | % | 30 - 130 |
| | | | Leachable Dinoseb | 2015/02/05 | | 88 | % | 30 - 130 |
| | | | Leachable Hexachlorobenzene | 2015/02/05 | | 91 | % | 30 - 130 |
| | | | Leachable Hexachlorobutadiene | 2015/02/05 | | 68 | % | 30 - 130 |
| | | | Leachable Hexachloroethane | 2015/02/05 | | 66 | % | 30 - 130 |
| | | | Leachable Malathion | 2015/02/05 | | 81 | % | 30 - 130 |
| | | | Leachable Methyl parathion | 2015/02/05 | | 101 | % | 30 - 130 |
| | | | Leachable Metolachlor | 2015/02/05 | | 106 | % | 30 - 130 |
| | | | Leachable Metribuzin (Sencor) | 2015/02/05 | | 72 | % | 30 - 130 |
| | | | Leachable Nitrobenzene | 2015/02/05 | | 79 | % | 30 - 130 |
| | | | Leachable Ethyl Parathion | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable Pentachlorophenol | 2015/02/05 | | 92 | % | 30 - 130 |
| | | | Leachable Phorate | 2015/02/05 | | 92 | % | 30 - 130 |
| | | | Leachable Picloram | 2015/02/05 | | 21 | % | 10 - 130 |
| | | | Leachable Pyridine | 2015/02/05 | | 24 | % | 10 - 130 |
| Leachable Simazine | 2015/02/05 | | 96 | % | 30 - 130 | | | |
| Leachable 2,4,5-T | 2015/02/05 | | 95 | % | 10 - 130 | | | |
| Leachable 2,4,5-TP (Silvex) | 2015/02/05 | | 97 | % | 10 - 130 | | | |
| Leachable Terbufos | 2015/02/05 | | 93 | % | 30 - 130 | | | |
| Leachable 2,3,4,6-Tetrachlorophenol | 2015/02/05 | | 98 | % | 10 - 130 | | | |
| Leachable Triallate | 2015/02/05 | | 103 | % | 30 - 130 | | | |
| Leachable 2,4,5-Trichlorophenol | 2015/02/05 | | 84 | % | 10 - 130 | | | |
| Leachable 2,4,6-Trichlorophenol | 2015/02/05 | | 78 | % | 10 - 130 | | | |
| Leachable Trifluralin | 2015/02/05 | | 118 | % | 30 - 130 | | | |
| 3908600 | WZ | Spiked Blank | Leachable 2,4,6-Tribromophenol | 2015/02/05 | | 93 | % | 10 - 130 |
| | | | Leachable 2-Fluorobiphenyl | 2015/02/05 | | 78 | % | 30 - 130 |
| | | | Leachable 2-Fluorophenol | 2015/02/05 | | 62 | % | 10 - 130 |

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QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | Units | QC Limits |
|-------------|------|--------------|-------------------------------------|---------------|-------|----------|-------|-----------|
| | | | Leachable D14-Terphenyl (FS) | 2015/02/05 | | 98 | % | 30 - 130 |
| | | | Leachable D5-Nitrobenzene | 2015/02/05 | | 94 | % | 30 - 130 |
| | | | Leachable D5-Phenol | 2015/02/05 | | 33 | % | 10 - 130 |
| | | | Leachable Phenol | 2015/02/05 | | 35 | % | 30 - 130 |
| | | | Leachable Aldicarb | 2015/02/05 | | 108 | % | 30 - 130 |
| | | | Leachable Atrazine | 2015/02/05 | | 105 | % | 30 - 130 |
| | | | Leachable Des-ethyl atrazine | 2015/02/05 | | 53 | % | 30 - 130 |
| | | | Leachable Bendiocarb | 2015/02/05 | | 96 | % | 30 - 130 |
| | | | Leachable Benzo(a)pyrene | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable Bromoxynil | 2015/02/05 | | 104 | % | 10 - 130 |
| | | | Leachable Carbaryl | 2015/02/05 | | 101 | % | 30 - 130 |
| | | | Leachable Carbofuran | 2015/02/05 | | 89 | % | 30 - 130 |
| | | | Leachable Chlorpyrifos (Dursban) | 2015/02/05 | | 105 | % | 30 - 130 |
| | | | Leachable m/p-Cresol | 2015/02/05 | | 69 | % | 10 - 130 |
| | | | Leachable o-Cresol | 2015/02/05 | | 81 | % | 10 - 130 |
| | | | Leachable Cyanazine (Bladex) | 2015/02/05 | | 93 | % | 30 - 130 |
| | | | Leachable 2,4-D | 2015/02/05 | | 83 | % | 10 - 130 |
| | | | Leachable 2,4-Dichlorophenol | 2015/02/05 | | 87 | % | 10 - 130 |
| | | | Leachable Diazinon | 2015/02/05 | | 93 | % | 30 - 130 |
| | | | Leachable Dicamba | 2015/02/05 | | 70 | % | 10 - 130 |
| | | | Leachable Diclofop-methyl | 2015/02/05 | | 97 | % | 30 - 130 |
| | | | Leachable Dimethoate | 2015/02/05 | | 92 | % | 30 - 130 |
| | | | Leachable 2,4-Dinitrotoluene | 2015/02/05 | | 88 | % | 30 - 130 |
| | | | Leachable Dinoseb | 2015/02/05 | | 87 | % | 30 - 130 |
| | | | Leachable Hexachlorobenzene | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable Hexachlorobutadiene | 2015/02/05 | | 82 | % | 30 - 130 |
| | | | Leachable Hexachloroethane | 2015/02/05 | | 78 | % | 30 - 130 |
| | | | Leachable Malathion | 2015/02/05 | | 80 | % | 30 - 130 |
| | | | Leachable Methyl parathion | 2015/02/05 | | 99 | % | 30 - 130 |
| | | | Leachable Metolachlor | 2015/02/05 | | 105 | % | 30 - 130 |
| | | | Leachable Metribuzin (Sencor) | 2015/02/05 | | 66 | % | 30 - 130 |
| | | | Leachable Nitrobenzene | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable Ethyl Parathion | 2015/02/05 | | 94 | % | 30 - 130 |
| | | | Leachable Pentachlorophenol | 2015/02/05 | | 92 | % | 30 - 130 |
| | | | Leachable Phorate | 2015/02/05 | | 94 | % | 30 - 130 |
| | | | Leachable Picloram | 2015/02/05 | | 24 | % | 10 - 130 |
| | | | Leachable Pyridine | 2015/02/05 | | 28 | % | 10 - 130 |
| | | | Leachable Simazine | 2015/02/05 | | 95 | % | 30 - 130 |
| | | | Leachable 2,4,5-T | 2015/02/05 | | 102 | % | 10 - 130 |
| | | | Leachable 2,4,5-TP (Silvex) | 2015/02/05 | | 101 | % | 10 - 130 |
| | | | Leachable Terbufos | 2015/02/05 | | 94 | % | 30 - 130 |
| | | | Leachable 2,3,4,6-Tetrachlorophenol | 2015/02/05 | | 101 | % | 10 - 130 |
| | | | Leachable Triallate | 2015/02/05 | | 104 | % | 30 - 130 |
| | | | Leachable 2,4,5-Trichlorophenol | 2015/02/05 | | 88 | % | 10 - 130 |
| | | | Leachable 2,4,6-Trichlorophenol | 2015/02/05 | | 89 | % | 10 - 130 |
| | | | Leachable Trifluralin | 2015/02/05 | | 120 | % | 30 - 130 |
| 3908600 | WZ | Method Blank | Leachable 2,4,6-Tribromophenol | 2015/02/05 | | 83 | % | 10 - 130 |
| | | | Leachable 2-Fluorobiphenyl | 2015/02/05 | | 75 | % | 30 - 130 |
| | | | Leachable 2-Fluorophenol | 2015/02/05 | | 58 | % | 10 - 130 |
| | | | Leachable D14-Terphenyl (FS) | 2015/02/05 | | 90 | % | 30 - 130 |
| | | | Leachable D5-Nitrobenzene | 2015/02/05 | | 87 | % | 30 - 130 |
| | | | Leachable D5-Phenol | 2015/02/05 | | 32 | % | 10 - 130 |

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QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | Units | QC Limits |
|-------------|------|---------|----------------------------------|---------------|-----------------|----------|-------|-----------|
| | | | Leachable Phenol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Aldicarb | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable Atrazine | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Des-ethyl atrazine | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Bendiocarb | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable Benzo(a)pyrene | 2015/02/05 | ND, RDL=0.10 | | ug/L | |
| | | | Leachable Bromoxynil | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Carbaryl | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable Carbofuran | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable Chlorpyrifos (Dursban) | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable m/p-Cresol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable o-Cresol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Cresol Total | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Cyanazine (Bladex) | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable 2,4-D | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable 2,4-Dichlorophenol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Diazinon | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Dicamba | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Diclofop-methyl | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Dimethoate | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable 2,4-Dinitrotoluene | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable Dinoseb | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Hexachlorobenzene | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable Hexachlorobutadiene | 2015/02/05 | ND, RDL=10 | | ug/L | |

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QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | Units | QC Limits |
|-------------|------|---------|-------------------------------------|---------------|-----------------|----------|-------|-----------|
| | | | Leachable Hexachloroethane | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable Malathion | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable Methyl parathion | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Metolachlor | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Metribuzin (Sencor) | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable Nitrobenzene | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable Ethyl Parathion | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Pentachlorophenol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Phorate | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable Picloram | 2015/02/05 | ND, RDL=25 | | ug/L | |
| | | | Leachable Pyridine | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable Simazine | 2015/02/05 | ND, RDL=10 | | ug/L | |
| | | | Leachable 2,4,5-T | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable 2,4,5-TP (Silvex) | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Terbufos | 2015/02/05 | ND, RDL=3.5 | | ug/L | |
| | | | Leachable 2,3,4,6-Tetrachlorophenol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Triallate | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| | | | Leachable 2,4,5-Trichlorophenol | 2015/02/05 | ND, RDL=0.50 | | ug/L | |
| | | | Leachable 2,4,6-Trichlorophenol | 2015/02/05 | ND, RDL=2.5 | | ug/L | |
| | | | Leachable Trifluralin | 2015/02/05 | ND, RDL=5.0 | | ug/L | |
| 3908600 | WZ | RPD | Leachable Benzo(a)pyrene | 2015/02/05 | NC | | % | 40 |
| | | | Leachable m/p-Cresol | 2015/02/05 | NC | | % | 40 |
| | | | Leachable o-Cresol | 2015/02/05 | NC | | % | 40 |
| | | | Leachable Cresol Total | 2015/02/05 | NC | | % | 40 |
| | | | Leachable 2,4-Dichlorophenol | 2015/02/05 | NC | | % | 40 |
| | | | Leachable 2,4-Dinitrotoluene | 2015/02/05 | NC | | % | 40 |
| | | | Leachable Hexachlorobenzene | 2015/02/05 | NC | | % | 40 |
| | | | Leachable Hexachlorobutadiene | 2015/02/05 | NC | | % | 40 |
| | | | Leachable Hexachloroethane | 2015/02/05 | NC | | % | 40 |
| | | | Leachable Nitrobenzene | 2015/02/05 | NC | | % | 40 |

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Public Works & Government Services Canada
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Your P.O. #: CALL UP #49

QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | Units | QC Limits |
|-------------|------|---------|-------------------------------------|---------------|-------|----------|-------|-----------|
| | | | Leachable Pentachlorophenol | 2015/02/05 | NC | | % | 40 |
| | | | Leachable Pyridine | 2015/02/05 | NC | | % | 40 |
| | | | Leachable 2,3,4,6-Tetrachlorophenol | 2015/02/05 | NC | | % | 40 |
| | | | Leachable 2,4,5-Trichlorophenol | 2015/02/05 | NC | | % | 40 |
| | | | Leachable 2,4,6-Trichlorophenol | 2015/02/05 | NC | | % | 40 |

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

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VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Brad Newman, Scientific Specialist

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.