WSH Labs (1992) Ltd.

3851B - 21 Street N.E. • Calgary, Alberta, Canada • T2E 6T5
Phone: 403-250-9164 • Fax: 403-291-4597 • www.wshlabs.com

**$H_2O$ Pro Inc.**
Box 592
Cochrane, AB T4C 1A7

**Phone:** (403) 921-8949
**Fax:** (403) 851-9990
**Email:**

**Lab Number:** 78034
**PO Number:**

**Sample Info:** Wintergreen

**Sampled By:** Colby
**Date Sampled:** 8/24/2015
**Date Received:** 8/24/2015
**Date Reported:** 9/10/2015

| Analyte | Units | Result | Canadian Drinking Water Guideline Maximum |
|---|---|---|---|
| Calcium | mg/L | 60.9 | No Guideline |
| Iron | mg/L | <0.03 | 0.3 |
| Magnesium | mg/L | 16.0 | No Guideline |
| Manganese | mg/L | <0.01 | 0.05 |
| Potassium | mg/L | 0.7 | No Guideline |
| Sodium | mg/L | 4 | 200 |
| Bicarbonates | mg/L | 173 | No Guideline |
| Bromides | mg/L | <0.1 | No Guideline |
| Carbonates | mg/L | 0 | No Guideline |
| Chlorides | mg/L | 4.7 | 250 |
| Fluorides | mg/L | 0.28 | 1.5 |
| Nitrates as N | mg/L | 0.1 | 10 |
| Nitrites as N | mg/L | <0.02 | 1 |
| $NO_3$ + $NO_2$ as N | mg/L | 0.1 | No Guideline |
| Sulfates | mg/L | 77 | 500 |

| Parameter | Units | Result | Canadian Drinking Water Guideline Maximum |
|---|---|---|---|
| Electrical Conductivity | µS/cm | 408 | No Guideline |
| pH | pH | 8.20 | 6.5 - 8.5 |
| Hardness (as $CaCO_3$) | mg/L | 218 | No Guideline |
| Total Alkalinity (as $CaCO_3$) | mg/L | 142 | No Guideline |
| P-Alkalinity (as $CaCO_3$) | mg/L | 0 | No Guideline |
| Hydroxide (as $CaCO_3$) | mg/L | 0 | No Guideline |
| Total Dissolved Solids (calculated) | mg/L | 249 | 500 |
| Sulfides as S | mg/L | <0.03 | 0.05 |
| Color | TCU | <5 | 15 |
| Ammonia Nitrogen | mg/L | <0.9 | No Guideline |
| Total Organic Carbon | mg/L | <0.5 | No Guideline |
| Bromate | mg/L | <0.010 | 0.01 |
| Chloramines | mg/L | <0.1 | 3 |

| Microbiology | Units | Result | Canadian Drinking Water Guideline Maximum |
|---|---|---|---|
| Microcystin-LR | µg/L | <0.14 | 1.5 |

| | | | |
|---|---|---|---|
| Sum of Cations | 4.55 | TDS / EC Ratio | 0.61 |
| Sum of Anions | 4.60 | Sodium Adsorption Ratio | 0.12 |
| Ion Balance | 0.99 | Saturation Index | 0.73 |

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**Lab Number:** 78034
**PO Number:**

**Sample Info:** Wintergreen

**Sampled By:** Colby
**Date Sampled:** 8/24/2015
**Date Received:** 8/24/2015
**Date Reported:** 9/10/2015

| Trace Metals | Units | Result | Canadian Drinking Water Guideline Maximum |
|---|---|---|---|
| Boron | µg/L | 11.8 | 5000 |
| Aluminum | µg/L | 157 | 100 |
| Chromium | µg/L | 0.9 | 50 |
| Copper | µg/L | 0.4 | 1000 |
| Zinc | µg/L | 2.3 | 5000 |
| Arsenic | µg/L | <0.04 | 10 |
| Selenium | µg/L | 0.6 | 10 |
| Silver | µg/L | <0.04 | No Guideline |
| Cadmium | µg/L | <0.05 | 5 |
| Antimony | µg/L | <0.3 | 6 |
| Barium | µg/L | 64.4 | 1000 |
| Mercury | µg/L | <0.05 | 1 |
| Lead | µg/L | <0.1 | 10 |
| Uranium | µg/L | <0.04 | 20 |

WSH Labs (1992) Ltd. as per: KBW

Accredited by CALA to ISO/IEC 17025 for specific tests. The results above are related only to the items analyzed.
< denotes less than detection limit.

Maxxam
A Bureau Veritas Group Company

Success Through Science®

Your P.O. #: 7313
Your C.O.C. #: A096946

**Attention:Bill Wong**

WSH Labs
3851B - 21 St NE
Calgary , AB
T2E 6T5

**Report Date: 2015/09/04**
Report #: R3651953
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**MAXXAM JOB #: B5H0861**
**Received: 2015/08/26, 10:10**

Sample Matrix: Water
# Samples Received: 1

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Reference |
|---|---|---|---|---|---|
| Total Cyanide | 1 | 2015/08/31 | 2015/09/01 | CAM SOP-00457 | OMOE E3015 2.1 m |
| Diuron, Guthion, Temephos | 1 | 2015/08/29 | 2015/08/31 | CAM SOP-00306 | EPA 532 m |
| Glyphosate | 1 | 2015/08/28 | 2015/08/29 | CAM SOP-00305 | HPLC in-house method |
| Nitrilotriacetic Acid (NTA) (1) | 1 | 2015/09/01 | 2015/09/02 | CAM SOP-00411 | EPA 430.1 m |
| OC Pesticides (Selected) & PCB (2) | 1 | 2015/08/31 | 2015/09/02 | CAM SOP-00307 | EPA 8081/ 8082 m |
| OC Pesticides Summed Parameters | 1 | N/A | 2015/08/31 | CAM SOP-00307 | EPA 8081/8082 m |
| ODWS - Semi-Volatiles | 1 | 2015/09/01 | 2015/09/03 | CAM SOP-00301 | EPA 8270 m |
| VOCs (Drinking Water) | 1 | N/A | 2015/09/02 | CAM SOP-00226 | EPA 8260C 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) Maxxam attempts to commence NTA analysis as soon as possible in accordance with the reference method. However, rapid analysis may not be practically achievable, particularly for samples from remote locations. Extended delay in analysis times may increase the uncertainty of the test results, but does not necessarily imply that the results are compromised.
(2) Chlordane ( Total) = Alpha Chlordane + Gamma Chlordane

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
James Aspin, Senior Project Manager
Email: JAspin@maxxam.ca
Phone# (905)817-5771

==========

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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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

| Maxxam ID | | AWG442 | | |
|---|---|---|---|---|
| Sampling Date | | 2015/08/24 11:50 | | |
| COC Number | | A096946 | | |
| | UNITS | 78034 | RDL | QC Batch |
| **Calculated Parameters** | | | | |
| Aldrin + Dieldrin | ug/L | ND | 0.006 | 4164339 |
| Chlordane (Total) | ug/L | ND | 0.006 | 4164339 |
| DDT+ Metabolites | ug/L | ND | 0.006 | 4164339 |
| Heptachlor + Heptachlor epoxide | ug/L | ND | 0.006 | 4164339 |
| o,p-DDD + p,p-DDD | ug/L | ND | 0.006 | 4164339 |
| o,p-DDE + p,p-DDE | ug/L | ND | 0.006 | 4164339 |
| o,p-DDT + p,p-DDT | ug/L | ND | 0.006 | 4164339 |
| Total PCB | ug/L | ND | 0.05 | 4164339 |
| **Pesticides & Herbicides** | | | | |
| Lindane | ug/L | ND | 0.0060 | 4171045 |
| Heptachlor | ug/L | ND | 0.0060 | 4171045 |
| Aldrin | ug/L | ND | 0.0060 | 4171045 |
| Heptachlor epoxide | ug/L | ND | 0.0060 | 4171045 |
| Oxychlordane | ug/L | ND | 0.0060 | 4171045 |
| g-Chlordane | ug/L | ND | 0.0060 | 4171045 |
| a-Chlordane | ug/L | ND | 0.0060 | 4171045 |
| Dieldrin | ug/L | ND | 0.0060 | 4171045 |
| o,p-DDE | ug/L | ND | 0.0060 | 4171045 |
| p,p-DDE | ug/L | ND | 0.0060 | 4171045 |
| o,p-DDD | ug/L | ND | 0.0060 | 4171045 |
| p,p-DDD | ug/L | ND | 0.0060 | 4171045 |
| o,p-DDT | ug/L | ND | 0.0060 | 4171045 |
| p,p-DDT | ug/L | ND | 0.0060 | 4171045 |
| Methoxychlor | ug/L | ND | 0.024 | 4171045 |
| Aroclor 1016 | ug/L | ND | 0.050 | 4171045 |
| Aroclor 1221 | ug/L | ND | 0.050 | 4171045 |
| Aroclor 1232 | ug/L | ND | 0.050 | 4171045 |
| Aroclor 1242 | ug/L | ND | 0.050 | 4171045 |
| Aroclor 1248 | ug/L | ND | 0.050 | 4171045 |
| Aroclor 1254 | ug/L | ND | 0.050 | 4171045 |
| Aroclor 1260 | ug/L | ND | 0.050 | 4171045 |
| **Surrogate Recovery (%)** | | | | |
| 2,4,5,6-Tetrachloro-m-xylene | % | 64 | N/A | 4171045 |

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
ND = Not detected
N/A = Not Applicable



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

| Maxxam ID | | AWG442 | | |
|---|---|---|---|---|
| Sampling Date | | 2015/08/24 11:50 | | |
| COC Number | | A096946 | | |
| | UNITS | 78034 | RDL | QC Batch |
| Decachlorobiphenyl | % | 89 | N/A | 4171045 |

RDL = Reportable Detection Limit
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N/A = Not Applicable



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Report Date: 2015/09/04

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Your P.O. #: 7313

## PESTICIDES & HERBICIDES BY HPLC (WATER)

| Maxxam ID | | AWG442 | | |
|---|---|---|---|---|
| Sampling Date | | 2015/08/24 11:50 | | |
| COC Number | | A096946 | | |
| | UNITS | 78034 | RDL | QC Batch |
| **Pesticides & Herbicides** | | | | |
| Glyphosate | ug/L | ND | 10 | 4168970 |
| Diuron | ug/L | ND | 10 | 4170336 |
| Guthion (Azinphos-methyl) | ug/L | ND | 2.0 | 4170336 |
| Temephos | ug/L | ND | 10 | 4170336 |

RDL = Reportable Detection Limit
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ND = Not detected



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

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Your P.O. #: 7313

## RESULTS OF ANALYSES OF WATER

| Maxxam ID | | AWG442 | | |
|---|---|---|---|---|
| Sampling Date | | 2015/08/24 11:50 | | |
| COC Number | | A096946 | | |
| | UNITS | 78034 | RDL | QC Batch |
| **Inorganics** | | | | |
| Total Cyanide (CN) | mg/L | ND | 0.0050 | 4171066 |
| **Miscellaneous Parameters** | | | | |
| NTA | mg/L | ND | 0.050 | 4173352 |

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Report Date: 2015/09/04

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Your P.O. #: 7313

## SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

| Maxxam ID | | AWG442 | | |
|---|---|---|---|---|
| Sampling Date | | 2015/08/24 11:50 | | |
| COC Number | | A096946 | | |
| | UNITS | 78034 | RDL | QC Batch |
| **Semivolatile Organics** | | | | |
| 2,3,4,6-Tetrachlorophenol | ug/L | ND | 0.50 | 4172651 |
| 2,4,5-T | ug/L | ND | 1.0 | 4172651 |
| 2,4,6-Trichlorophenol | ug/L | ND | 0.50 | 4172651 |
| 2,4-D | ug/L | ND | 1.0 | 4172651 |
| 2,4-Dichlorophenol | ug/L | ND | 0.50 | 4172651 |
| Alachlor | ug/L | ND | 0.50 | 4172651 |
| Aldicarb | ug/L | ND | 5.0 | 4172651 |
| Atrazine | ug/L | ND | 0.50 | 4172651 |
| Des-ethyl atrazine | ug/L | ND | 0.50 | 4172651 |
| Atrazine + Desethyl-atrazine | ug/L | ND | 1.0 | 4172651 |
| Bendiocarb | ug/L | ND | 2.0 | 4172651 |
| Bromoxynil | ug/L | ND | 0.50 | 4172651 |
| Carbaryl | ug/L | ND | 5.0 | 4172651 |
| Carbofuran | ug/L | ND | 5.0 | 4172651 |
| Chlorpyrifos (Dursban) | ug/L | ND | 1.0 | 4172651 |
| Cyanazine (Bladex) | ug/L | ND | 1.0 | 4172651 |
| Diazinon | ug/L | ND | 1.0 | 4172651 |
| Dicamba | ug/L | ND | 1.0 | 4172651 |
| Diclofop-methyl | ug/L | ND | 0.90 | 4172651 |
| Dimethoate | ug/L | ND | 2.5 | 4172651 |
| Dinoseb | ug/L | ND | 1.0 | 4172651 |
| Malathion | ug/L | ND | 5.0 | 4172651 |
| Metolachlor | ug/L | ND | 0.50 | 4172651 |
| Metribuzin (Sencor) | ug/L | ND | 5.0 | 4172651 |
| Ethyl Parathion | ug/L | ND | 1.0 | 4172651 |
| Pentachlorophenol | ug/L | ND | 0.50 | 4172651 |
| Phorate | ug/L | ND | 0.50 | 4172651 |
| Picloram | ug/L | ND | 5.0 | 4172651 |
| Prometryne | ug/L | ND | 0.25 | 4172651 |
| Simazine | ug/L | ND | 1.0 | 4172651 |
| Terbufos | ug/L | ND | 0.50 | 4172651 |
| Triallate | ug/L | ND | 1.0 | 4172651 |
| Trifluralin | ug/L | ND | 1.0 | 4172651 |
| Benzo(a)pyrene | ug/L | ND | 0.0090 | 4172651 |

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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

| **Maxxam ID** | | AWG442 | | |
|---|---|---|---|---|
| **Sampling Date** | | 2015/08/24 11:50 | | |
| **COC Number** | | A096946 | | |
| | **UNITS** | **78034** | **RDL** | **QC Batch** |
| Methyl parathion | ug/L | ND | 1.0 | 4172651 |
| **Surrogate Recovery (%)** | | | | |
| 2,4,6-Tribromophenol | % | 87 | N/A | 4172651 |
| 2,4-Dichlorophenyl Acetic Acid | % | 92 | N/A | 4172651 |
| 2-Fluorobiphenyl | % | 68 | N/A | 4172651 |
| D14-Terphenyl (FS) | % | 99 | N/A | 4172651 |
| D5-Nitrobenzene | % | 90 | N/A | 4172651 |

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Your P.O. #: 7313

## VOLATILE ORGANICS BY GC/MS (WATER)

| Maxxam ID | | AWG442 | | |
|---|---|---|---|---|
| Sampling Date | | 2015/08/24 11:50 | | |
| COC Number | | A096946 | | |
| | UNITS | 78034 | RDL | QC Batch |
| **Volatile Organics** | | | | |
| 1,1-Dichloroethylene | ug/L | ND | 0.10 | 4168703 |
| 1,2-Dichlorobenzene | ug/L | ND | 0.20 | 4168703 |
| 1,2-Dichloroethane | ug/L | ND | 0.20 | 4168703 |
| 1,4-Dichlorobenzene | ug/L | ND | 0.20 | 4168703 |
| Benzene | ug/L | ND | 0.10 | 4168703 |
| Bromodichloromethane | ug/L | 0.89 | 0.10 | 4168703 |
| Bromoform | ug/L | ND | 0.20 | 4168703 |
| Carbon Tetrachloride | ug/L | ND | 0.10 | 4168703 |
| Chlorobenzene | ug/L | ND | 0.10 | 4168703 |
| Chloroform | ug/L | 6.92 | 0.10 | 4168703 |
| Dibromochloromethane | ug/L | ND | 0.20 | 4168703 |
| Methylene Chloride(Dichloromethane) | ug/L | ND | 0.50 | 4168703 |
| Ethylbenzene | ug/L | ND | 0.10 | 4168703 |
| Methyl t-butyl ether (MTBE) | ug/L | ND | 0.20 | 4168703 |
| Tetrachloroethylene | ug/L | ND | 0.10 | 4168703 |
| Toluene | ug/L | ND | 0.20 | 4168703 |
| Trichloroethylene | ug/L | ND | 0.10 | 4168703 |
| Vinyl Chloride | ug/L | ND | 0.20 | 4168703 |
| o-Xylene | ug/L | ND | 0.10 | 4168703 |
| p+m-Xylene | ug/L | ND | 0.10 | 4168703 |
| Total Trihalomethanes | ug/L | 7.81 | 0.20 | 4168703 |
| **Surrogate Recovery (%)** | | | | |
| 4-Bromofluorobenzene | % | 101 | N/A | 4168703 |
| D4-1,2-Dichloroethane | % | 112 | N/A | 4168703 |
| D8-Toluene | % | 96 | N/A | 4168703 |

RDL = Reportable Detection Limit
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N/A = Not Applicable



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

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## GENERAL COMMENTS

**Results relate only to the items tested.**



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## QUALITY ASSURANCE REPORT

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| 4168703 | KH1 | Matrix Spike | 4-Bromofluorobenzene | 2015/09/01 | | 105 | % | 70 - 130 |
| | | | D4-1,2-Dichloroethane | 2015/09/01 | | 108 | % | 70 - 130 |
| | | | D8-Toluene | 2015/09/01 | | 101 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/09/01 | | 112 | % | 70 - 130 |
| | | | 1,2-Dichlorobenzene | 2015/09/01 | | 98 | % | 70 - 130 |
| | | | 1,2-Dichloroethane | 2015/09/01 | | 107 | % | 70 - 130 |
| | | | 1,4-Dichlorobenzene | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | Benzene | 2015/09/01 | | 101 | % | 70 - 130 |
| | | | Bromodichloromethane | 2015/09/01 | | 118 | % | 70 - 130 |
| | | | Bromoform | 2015/09/01 | | 103 | % | 70 - 130 |
| | | | Carbon Tetrachloride | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | Chlorobenzene | 2015/09/01 | | 110 | % | 70 - 130 |
| | | | Chloroform | 2015/09/01 | | 102 | % | 70 - 130 |
| | | | Dibromochloromethane | 2015/09/01 | | 104 | % | 70 - 130 |
| | | | Methylene Chloride(Dichloromethane) | 2015/09/01 | | 108 | % | 70 - 130 |
| | | | Ethylbenzene | 2015/09/01 | | 109 | % | 70 - 130 |
| | | | Methyl t-butyl ether (MTBE) | 2015/09/01 | | 116 | % | 70 - 130 |
| | | | Tetrachloroethylene | 2015/09/01 | | 95 | % | 70 - 130 |
| | | | Toluene | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | Trichloroethylene | 2015/09/01 | | 109 | % | 70 - 130 |
| | | | Vinyl Chloride | 2015/09/01 | | 120 | % | 70 - 130 |
| | | | o-Xylene | 2015/09/01 | | 104 | % | 70 - 130 |
| | | | p+m-Xylene | 2015/09/01 | | 92 | % | 70 - 130 |
| 4168703 | KH1 | Spiked Blank | 4-Bromofluorobenzene | 2015/09/01 | | 101 | % | 70 - 130 |
| | | | D4-1,2-Dichloroethane | 2015/09/01 | | 99 | % | 70 - 130 |
| | | | D8-Toluene | 2015/09/01 | | 101 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/09/01 | | 111 | % | 70 - 130 |
| | | | 1,2-Dichlorobenzene | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | 1,2-Dichloroethane | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | 1,4-Dichlorobenzene | 2015/09/01 | | 107 | % | 70 - 130 |
| | | | Benzene | 2015/09/01 | | 105 | % | 70 - 130 |
| | | | Bromodichloromethane | 2015/09/01 | | 109 | % | 70 - 130 |
| | | | Bromoform | 2015/09/01 | | 99 | % | 70 - 130 |
| | | | Carbon Tetrachloride | 2015/09/01 | | 102 | % | 70 - 130 |
| | | | Chlorobenzene | 2015/09/01 | | 115 | % | 70 - 130 |
| | | | Chloroform | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | Dibromochloromethane | 2015/09/01 | | 99 | % | 70 - 130 |
| | | | Methylene Chloride(Dichloromethane) | 2015/09/01 | | 105 | % | 70 - 130 |
| | | | Ethylbenzene | 2015/09/01 | | 111 | % | 70 - 130 |
| | | | Methyl t-butyl ether (MTBE) | 2015/09/01 | | 105 | % | 70 - 130 |
| | | | Tetrachloroethylene | 2015/09/01 | | 97 | % | 70 - 130 |
| | | | Toluene | 2015/09/01 | | 103 | % | 70 - 130 |
| | | | Trichloroethylene | 2015/09/01 | | 100 | % | 70 - 130 |
| | | | Vinyl Chloride | 2015/09/01 | | 116 | % | 70 - 130 |
| | | | o-Xylene | 2015/09/01 | | 107 | % | 70 - 130 |
| | | | p+m-Xylene | 2015/09/01 | | 96 | % | 70 - 130 |
| 4168703 | KH1 | Method Blank | 4-Bromofluorobenzene | 2015/09/01 | | 96 | % | 70 - 130 |
| | | | D4-1,2-Dichloroethane | 2015/09/01 | | 96 | % | 70 - 130 |
| | | | D8-Toluene | 2015/09/01 | | 97 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | 1,2-Dichlorobenzene | 2015/09/01 | ND, RDL=0.20 | | 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 |
|---|---|---|---|---|---|---|---|---|
| | | | 1,2-Dichloroethane | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | 1,4-Dichlorobenzene | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | Benzene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Bromodichloromethane | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Bromoform | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | Carbon Tetrachloride | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Chlorobenzene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Chloroform | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Dibromochloromethane | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | Methylene Chloride(Dichloromethane) | 2015/09/01 | ND, RDL=0.50 | | ug/L | |
| | | | Ethylbenzene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Methyl t-butyl ether (MTBE) | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | Tetrachloroethylene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Toluene | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | Trichloroethylene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Vinyl Chloride | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| | | | o-Xylene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | p+m-Xylene | 2015/09/01 | ND, RDL=0.10 | | ug/L | |
| | | | Total Trihalomethanes | 2015/09/01 | ND, RDL=0.20 | | ug/L | |
| 4168703 | KH1 | RPD | 1,1-Dichloroethylene | 2015/09/01 | NC | | % | 30 |
| | | | 1,2-Dichlorobenzene | 2015/09/01 | NC | | % | 30 |
| | | | 1,2-Dichloroethane | 2015/09/01 | NC | | % | 30 |
| | | | 1,4-Dichlorobenzene | 2015/09/01 | NC | | % | 30 |
| | | | Benzene | 2015/09/01 | NC | | % | 30 |
| | | | Bromodichloromethane | 2015/09/01 | 3.2 | | % | 30 |
| | | | Bromoform | 2015/09/01 | NC | | % | 30 |
| | | | Carbon Tetrachloride | 2015/09/01 | NC | | % | 30 |
| | | | Chlorobenzene | 2015/09/01 | NC | | % | 30 |
| | | | Chloroform | 2015/09/01 | 0.93 | | % | 30 |
| | | | Dibromochloromethane | 2015/09/01 | NC | | % | 30 |
| | | | Methylene Chloride(Dichloromethane) | 2015/09/01 | NC | | % | 30 |
| | | | Ethylbenzene | 2015/09/01 | NC | | % | 30 |
| | | | Methyl t-butyl ether (MTBE) | 2015/09/01 | NC | | % | 30 |



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Tetrachloroethylene | 2015/09/01 | NC | | % | 30 |
| | | | Toluene | 2015/09/01 | NC | | % | 30 |
| | | | Trichloroethylene | 2015/09/01 | NC | | % | 30 |
| | | | Vinyl Chloride | 2015/09/01 | NC | | % | 30 |
| | | | o-Xylene | 2015/09/01 | NC | | % | 30 |
| | | | p+m-Xylene | 2015/09/01 | NC | | % | 30 |
| | | | Total Trihalomethanes | 2015/09/01 | 1.3 | | % | 30 |
| 4168970 | HKL | Matrix Spike | Glyphosate | 2015/08/29 | | 88 | % | 50 - 130 |
| 4168970 | HKL | Spiked Blank | Glyphosate | 2015/08/29 | | 108 | % | 50 - 130 |
| 4168970 | HKL | Method Blank | Glyphosate | 2015/08/29 | ND, RDL=10 | | ug/L | |
| 4168970 | HKL | RPD | Glyphosate | 2015/08/29 | NC | | % | 40 |
| 4170336 | KIH | Matrix Spike | Diuron | 2015/08/31 | | 86 | % | 40 - 130 |
| | | | Guthion (Azinphos-methyl) | 2015/08/31 | | 93 | % | 40 - 130 |
| | | | Temephos | 2015/08/31 | | 58 | % | 40 - 130 |
| 4170336 | KIH | Spiked Blank | Diuron | 2015/08/31 | | 94 | % | 40 - 130 |
| | | | Guthion (Azinphos-methyl) | 2015/08/31 | | 98 | % | 40 - 130 |
| | | | Temephos | 2015/08/31 | | 58 | % | 40 - 130 |
| 4170336 | KIH | Method Blank | Diuron | 2015/08/31 | ND, RDL=10 | | ug/L | |
| | | | Guthion (Azinphos-methyl) | 2015/08/31 | ND, RDL=2.0 | | ug/L | |
| | | | Temephos | 2015/08/31 | ND, RDL=10 | | ug/L | |
| 4170336 | KIH | RPD | Diuron | 2015/08/31 | NC | | % | 40 |
| | | | Guthion (Azinphos-methyl) | 2015/08/31 | NC | | % | 40 |
| 4171045 | FSO | Matrix Spike | 2,4,5,6-Tetrachloro-m-xylene | 2015/09/02 | | 55 | % | 30 - 130 |
| | | | Decachlorobiphenyl | 2015/09/02 | | 91 | % | 30 - 130 |
| | | | Lindane | 2015/09/02 | | 75 | % | 30 - 130 |
| | | | Heptachlor | 2015/09/02 | | 69 | % | 30 - 130 |
| | | | Aldrin | 2015/09/02 | | 72 | % | 30 - 130 |
| | | | Heptachlor epoxide | 2015/09/02 | | 80 | % | 30 - 130 |
| | | | Oxychlordane | 2015/09/02 | | 71 | % | 30 - 130 |
| | | | g-Chlordane | 2015/09/02 | | 75 | % | 30 - 130 |
| | | | a-Chlordane | 2015/09/02 | | 80 | % | 30 - 130 |
| | | | Dieldrin | 2015/09/02 | | 92 | % | 30 - 130 |
| | | | o,p-DDE | 2015/09/02 | | 78 | % | 30 - 130 |
| | | | p,p-DDE | 2015/09/02 | | 75 | % | 30 - 130 |
| | | | o,p-DDD | 2015/09/02 | | 90 | % | 30 - 130 |
| | | | p,p-DDD | 2015/09/02 | | 85 | % | 30 - 130 |
| | | | o,p-DDT | 2015/09/02 | | 76 | % | 30 - 130 |
| | | | p,p-DDT | 2015/09/02 | | 77 | % | 30 - 130 |
| | | | Methoxychlor | 2015/09/02 | | 83 | % | 30 - 130 |
| 4171045 | FSO | Spiked Blank | 2,4,5,6-Tetrachloro-m-xylene | 2015/09/02 | | 63 | % | 30 - 130 |
| | | | Decachlorobiphenyl | 2015/09/02 | | 93 | % | 30 - 130 |
| | | | Lindane | 2015/09/02 | | 82 | % | 30 - 130 |
| | | | Heptachlor | 2015/09/02 | | 74 | % | 30 - 130 |
| | | | Aldrin | 2015/09/02 | | 72 | % | 30 - 130 |
| | | | Heptachlor epoxide | 2015/09/02 | | 86 | % | 30 - 130 |
| | | | Oxychlordane | 2015/09/02 | | 77 | % | 30 - 130 |
| | | | g-Chlordane | 2015/09/02 | | 79 | % | 30 - 130 |
| | | | a-Chlordane | 2015/09/02 | | 84 | % | 30 - 130 |
| | | | Dieldrin | 2015/09/02 | | 98 | % | 30 - 130 |
| | | | o,p-DDE | 2015/09/02 | | 81 | % | 30 - 130 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | p,p-DDE | 2015/09/02 | | 78 | % | 30 - 130 |
| | | | o,p-DDD | 2015/09/02 | | 94 | % | 30 - 130 |
| | | | p,p-DDD | 2015/09/02 | | 90 | % | 30 - 130 |
| | | | o,p-DDT | 2015/09/02 | | 78 | % | 30 - 130 |
| | | | p,p-DDT | 2015/09/02 | | 79 | % | 30 - 130 |
| | | | Methoxychlor | 2015/09/02 | | 85 | % | 30 - 130 |
| 4171045 | FSO | RPD | Aroclor 1260 | 2015/09/02 | NC | | % | 40 |
| | | | Aldrin | 2015/09/02 | NC | | % | 40 |
| | | | Dieldrin | 2015/09/02 | NC | | % | 40 |
| | | | Methoxychlor | 2015/09/02 | NC | | % | 40 |
| 4171045 | FSO | Method Blank | 2,4,5,6-Tetrachloro-m-xylene | 2015/09/02 | | 64 | % | 30 - 130 |
| | | | Decachlorobiphenyl | 2015/09/02 | | 96 | % | 30 - 130 |
| | | | Lindane | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | Heptachlor | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | Aldrin | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | Heptachlor epoxide | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | Oxychlordane | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | g-Chlordane | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | a-Chlordane | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | Dieldrin | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | o,p-DDE | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | p,p-DDE | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | o,p-DDD | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | p,p-DDD | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | o,p-DDT | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | p,p-DDT | 2015/09/02 | ND, RDL=0.0060 | | ug/L | |
| | | | Methoxychlor | 2015/09/02 | ND, RDL=0.024 | | ug/L | |
| | | | Aroclor 1016 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |
| | | | Aroclor 1221 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |
| | | | Aroclor 1232 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |
| | | | Aroclor 1242 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |
| | | | Aroclor 1248 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Aroclor 1254 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |
| | | | Aroclor 1260 | 2015/09/02 | ND, RDL=0.050 | | ug/L | |
| 4171066 | XQI | Matrix Spike | Total Cyanide (CN) | 2015/09/01 | | 92 | % | 80 - 120 |
| 4171066 | XQI | Spiked Blank | Total Cyanide (CN) | 2015/09/01 | | 99 | % | 80 - 120 |
| 4171066 | XQI | Method Blank | Total Cyanide (CN) | 2015/09/01 | ND, RDL=0.0050 | | mg/L | |
| 4171066 | XQI | RPD | Total Cyanide (CN) | 2015/09/01 | NC | | % | 20 |
| 4172651 | THT | Matrix Spike | 2,4,6-Tribromophenol | 2015/09/02 | | 92 | % | 30 - 130 |
| | | | 2,4-Dichlorophenyl Acetic Acid | 2015/09/02 | | 100 | % | 30 - 130 |
| | | | 2-Fluorobiphenyl | 2015/09/02 | | 67 | % | 30 - 130 |
| | | | D14-Terphenyl (FS) | 2015/09/02 | | 100 | % | 30 - 130 |
| | | | D5-Nitrobenzene | 2015/09/02 | | 75 | % | 30 - 130 |
| | | | 2,3,4,6-Tetrachlorophenol | 2015/09/02 | | 100 | % | 30 - 130 |
| | | | 2,4,5-T | 2015/09/02 | | 113 | % | 30 - 130 |
| | | | 2,4,6-Trichlorophenol | 2015/09/02 | | 88 | % | 30 - 130 |
| | | | 2,4-D | 2015/09/02 | | 100 | % | 30 - 130 |
| | | | 2,4-Dichlorophenol | 2015/09/02 | | 72 | % | 30 - 130 |
| | | | Alachlor | 2015/09/02 | | 104 | % | 40 - 130 |
| | | | Aldicarb | 2015/09/02 | | 105 | % | 70 - 130 |
| | | | Atrazine | 2015/09/02 | | 110 | % | 30 - 130 |
| | | | Des-ethyl atrazine | 2015/09/02 | | 57 | % | 30 - 130 |
| | | | Atrazine + Desethyl-atrazine | 2015/09/02 | | 84 | % | 30 - 130 |
| | | | Bendiocarb | 2015/09/02 | | 93 | % | 40 - 130 |
| | | | Bromoxynil | 2015/09/02 | | 103 | % | 40 - 130 |
| | | | Carbaryl | 2015/09/02 | | 95 | % | 40 - 130 |
| | | | Carbofuran | 2015/09/02 | | 102 | % | 40 - 130 |
| | | | Chlorpyrifos (Dursban) | 2015/09/02 | | 96 | % | 40 - 130 |
| | | | Cyanazine (Bladex) | 2015/09/02 | | 87 | % | 40 - 130 |
| | | | Diazinon | 2015/09/02 | | 107 | % | 40 - 130 |
| | | | Dicamba | 2015/09/02 | | 93 | % | 30 - 130 |
| | | | Diclofop-methyl | 2015/09/02 | | 105 | % | 40 - 130 |
| | | | Dimethoate | 2015/09/02 | | 94 | % | 40 - 130 |
| | | | Dinoseb | 2015/09/02 | | 88 | % | 40 - 130 |
| | | | Malathion | 2015/09/02 | | 105 | % | 40 - 130 |
| | | | Metolachlor | 2015/09/02 | | 101 | % | 40 - 130 |
| | | | Metribuzin (Sencor) | 2015/09/02 | | 89 | % | 40 - 130 |
| | | | Ethyl Parathion | 2015/09/02 | | 97 | % | 40 - 130 |
| | | | Pentachlorophenol | 2015/09/02 | | 95 | % | 25 - 130 |
| | | | Phorate | 2015/09/02 | | 93 | % | 40 - 130 |
| | | | Picloram | 2015/09/02 | | 38 | % | 10 - 130 |
| | | | Prometryne | 2015/09/02 | | 105 | % | 30 - 130 |
| | | | Simazine | 2015/09/02 | | 96 | % | 40 - 130 |
| | | | Terbufos | 2015/09/02 | | 95 | % | 40 - 130 |
| | | | Triallate | 2015/09/02 | | 94 | % | 40 - 130 |
| | | | Trifluralin | 2015/09/02 | | 124 | % | 40 - 130 |
| | | | Benzo(a)pyrene | 2015/09/02 | | 99 | % | 30 - 130 |
| | | | Methyl parathion | 2015/09/02 | | 104 | % | 30 - 130 |
| 4172651 | THT | Spiked Blank | 2,4,6-Tribromophenol | 2015/09/02 | | 87 | % | 30 - 130 |
| | | | 2,4-Dichlorophenyl Acetic Acid | 2015/09/02 | | 94 | % | 30 - 130 |
| | | | 2-Fluorobiphenyl | 2015/09/02 | | 63 | % | 30 - 130 |
| | | | D14-Terphenyl (FS) | 2015/09/02 | | 96 | % | 30 - 130 |
| | | | D5-Nitrobenzene | 2015/09/02 | | 78 | % | 30 - 130 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 2,3,4,6-Tetrachlorophenol | 2015/09/02 | | 96 | % | 30 - 130 |
| | | | 2,4,5-T | 2015/09/02 | | 106 | % | 30 - 130 |
| | | | 2,4,6-Trichlorophenol | 2015/09/02 | | 85 | % | 30 - 130 |
| | | | 2,4-D | 2015/09/02 | | 93 | % | 30 - 130 |
| | | | 2,4-Dichlorophenol | 2015/09/02 | | 73 | % | 30 - 130 |
| | | | Alachlor | 2015/09/02 | | 98 | % | 40 - 130 |
| | | | Aldicarb | 2015/09/02 | | 94 | % | 70 - 130 |
| | | | Atrazine | 2015/09/02 | | 104 | % | 30 - 130 |
| | | | Des-ethyl atrazine | 2015/09/02 | | 49 | % | 30 - 130 |
| | | | Atrazine + Desethyl-atrazine | 2015/09/02 | | 77 | % | 30 - 130 |
| | | | Bendiocarb | 2015/09/02 | | 99 | % | 40 - 130 |
| | | | Bromoxynil | 2015/09/02 | | 97 | % | 40 - 130 |
| | | | Carbaryl | 2015/09/02 | | 105 | % | 40 - 130 |
| | | | Carbofuran | 2015/09/02 | | 110 | % | 40 - 130 |
| | | | Chlorpyrifos (Dursban) | 2015/09/02 | | 92 | % | 40 - 130 |
| | | | Cyanazine (Bladex) | 2015/09/02 | | 83 | % | 40 - 130 |
| | | | Diazinon | 2015/09/02 | | 102 | % | 40 - 130 |
| | | | Dicamba | 2015/09/02 | | 85 | % | 30 - 130 |
| | | | Diclofop-methyl | 2015/09/02 | | 99 | % | 40 - 130 |
| | | | Dimethoate | 2015/09/02 | | 95 | % | 40 - 130 |
| | | | Dinoseb | 2015/09/02 | | 89 | % | 40 - 130 |
| | | | Malathion | 2015/09/02 | | 96 | % | 40 - 130 |
| | | | Metolachlor | 2015/09/02 | | 94 | % | 40 - 130 |
| | | | Metribuzin (Sencor) | 2015/09/02 | | 89 | % | 40 - 130 |
| | | | Ethyl Parathion | 2015/09/02 | | 95 | % | 40 - 130 |
| | | | Pentachlorophenol | 2015/09/02 | | 92 | % | 25 - 130 |
| | | | Phorate | 2015/09/02 | | 81 | % | 40 - 130 |
| | | | Picloram | 2015/09/02 | | 16 | % | 10 - 130 |
| | | | Prometryne | 2015/09/02 | | 104 | % | 30 - 130 |
| | | | Simazine | 2015/09/02 | | 90 | % | 40 - 130 |
| | | | Terbufos | 2015/09/02 | | 80 | % | 40 - 130 |
| | | | Triallate | 2015/09/02 | | 88 | % | 40 - 130 |
| | | | Trifluralin | 2015/09/02 | | 120 | % | 40 - 130 |
| | | | Benzo(a)pyrene | 2015/09/02 | | 96 | % | 30 - 130 |
| | | | Methyl parathion | 2015/09/02 | | 100 | % | 30 - 130 |
| 4172651 | THT | Method Blank | 2,4,6-Tribromophenol | 2015/09/02 | | 66 | % | 30 - 130 |
| | | | 2,4-Dichlorophenyl Acetic Acid | 2015/09/02 | | 62 | % | 30 - 130 |
| | | | 2-Fluorobiphenyl | 2015/09/02 | | 44 | % | 30 - 130 |
| | | | D14-Terphenyl (FS) | 2015/09/02 | | 80 | % | 30 - 130 |
| | | | D5-Nitrobenzene | 2015/09/02 | | 61 | % | 30 - 130 |
| | | | 2,3,4,6-Tetrachlorophenol | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | 2,4,5-T | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | 2,4,6-Trichlorophenol | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | 2,4-D | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | 2,4-Dichlorophenol | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Alachlor | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Aldicarb | 2015/09/02 | ND, RDL=5.0 | | 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 |
|---|---|---|---|---|---|---|---|---|
| | | | Atrazine | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Des-ethyl atrazine | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Atrazine + Desethyl-atrazine | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Bendiocarb | 2015/09/02 | ND, RDL=2.0 | | ug/L | |
| | | | Bromoxynil | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Carbaryl | 2015/09/02 | ND, RDL=5.0 | | ug/L | |
| | | | Carbofuran | 2015/09/02 | ND, RDL=5.0 | | ug/L | |
| | | | Chlorpyrifos (Dursban) | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Cyanazine (Bladex) | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Diazinon | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Dicamba | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Diclofop-methyl | 2015/09/02 | ND, RDL=0.90 | | ug/L | |
| | | | Dimethoate | 2015/09/02 | ND, RDL=2.5 | | ug/L | |
| | | | Dinoseb | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Malathion | 2015/09/02 | ND, RDL=5.0 | | ug/L | |
| | | | Metolachlor | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Metribuzin (Sencor) | 2015/09/02 | ND, RDL=5.0 | | ug/L | |
| | | | Ethyl Parathion | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Pentachlorophenol | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Phorate | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Picloram | 2015/09/02 | ND, RDL=5.0 | | ug/L | |
| | | | Prometryne | 2015/09/02 | ND, RDL=0.25 | | ug/L | |
| | | | Simazine | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Terbufos | 2015/09/02 | ND, RDL=0.50 | | ug/L | |
| | | | Triallate | 2015/09/02 | ND, RDL=1.0 | | ug/L | |



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Maxxam Job #: B5H0861
Report Date: 2015/09/04

WSH Labs
Your P.O. #: 7313

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Trifluralin | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| | | | Benzo(a)pyrene | 2015/09/02 | ND, RDL=0.0090 | | ug/L | |
| | | | Methyl parathion | 2015/09/02 | ND, RDL=1.0 | | ug/L | |
| 4172651 | THT | RPD | 2,4-D | 2015/09/03 | NC | | % | 40 |
| | | | Aldicarb | 2015/09/03 | NC | | % | 40 |
| | | | Atrazine | 2015/09/03 | NC | | % | 40 |
| | | | Des-ethyl atrazine | 2015/09/03 | NC | | % | 40 |
| | | | Atrazine + Desethyl-atrazine | 2015/09/03 | NC | | % | 40 |
| | | | Bendiocarb | 2015/09/03 | NC | | % | 40 |
| | | | Bromoxynil | 2015/09/03 | NC | | % | 40 |
| | | | Carbaryl | 2015/09/03 | NC | | % | 40 |
| | | | Carbofuran | 2015/09/03 | NC | | % | 40 |
| | | | Chlorpyrifos (Dursban) | 2015/09/03 | NC | | % | 40 |
| | | | Cyanazine (Bladex) | 2015/09/03 | NC | | % | 40 |
| | | | Diazinon | 2015/09/03 | NC | | % | 40 |
| | | | Dicamba | 2015/09/03 | NC | | % | 40 |
| | | | Diclofop-methyl | 2015/09/03 | NC | | % | 40 |
| | | | Dimethoate | 2015/09/03 | NC | | % | 40 |
| | | | Dinoseb | 2015/09/03 | NC | | % | 40 |
| | | | Malathion | 2015/09/03 | NC | | % | 40 |
| | | | Metolachlor | 2015/09/03 | NC | | % | 40 |
| | | | Metribuzin (Sencor) | 2015/09/03 | NC | | % | 40 |
| | | | Ethyl Parathion | 2015/09/03 | NC | | % | 40 |
| | | | Phorate | 2015/09/03 | NC | | % | 40 |
| | | | Picloram | 2015/09/03 | NC | | % | 40 |
| | | | Simazine | 2015/09/03 | NC | | % | 40 |
| | | | Terbufos | 2015/09/03 | NC | | % | 40 |
| | | | Trifluralin | 2015/09/03 | NC | | % | 40 |
| 4173352 | TJO | Matrix Spike | NTA | 2015/09/02 | | 82 | % | 75 - 125 |
| 4173352 | TJO | Spiked Blank | NTA | 2015/09/02 | | 99 | % | 75 - 125 |
| 4173352 | TJO | Method Blank | NTA | 2015/09/02 | ND, RDL=0.050 | | mg/L | |
| 4173352 | TJO | RPD | NTA | 2015/09/02 | NC | | % | 25 |

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).



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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).

Cristina Carriere

Cristina Carriere, Scientific Services

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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