# Manchester Environmental Laboratory
## Final Report



**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 10/22/94
**Matrix:** Solid
**Sample Number:** 94414390
**Type:** Reg sample
**Station Description:** MW-2

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **GC** | | | |
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 17 | ug/kg | U |
| PCB-1221 | 17 | ug/kg | U |
| PCB-1232 | 17 | ug/kg | U |
| PCB-1242 | 17 | ug/kg | U |
| PCB-1248 | 17 | ug/kg | U |
| PCB-1254 | 17 | ug/kg | U |
| PCB-1260 | 18 | ug/kg | U |
| Decachlorobiphenyl | 91 | %Rec | |
| Tetrachlorometaxylene | 84 | %Rec | |
| **MET** | | | |
| **Arsenic by AA, RAS** | | | |
| **Arsenic** | **10.8** | **mg/kg** | |
| **Selenium by AA, RAS** | | | |
| Selenium | 0.20 | mg/kg | U |
| **Thallium by AA, RAS** | | | |
| Thallium | 0.25 | mg/kg | U |
| **All MERCURY tests** | | | |
| **Mercury** | **0.043** | **mg/kg** | |
| **Metals, ICP RAS** | | | |
| **Aluminum** | **10500** | **mg/kg** | |
| Antimony | 4.0 | mg/kg | U |

FINAL WK41 WK46

CC: Charles Stringer
Kevin Rochlin

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94414390 Reg sample

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Barium | 61.3 | mg/kg | |
| Beryllium | 0.43 | mg/kg | P |
| Cadmium | 0.20 | mg/kg | U |
| Calcium | 9230 | mg/kg | |
| Chromium | 83.5 | mg/kg | |
| Cobalt | 56.0 | mg/kg | |
| Copper | 16.1 | mg/kg | |
| Iron | 19500 | mg/kg | |
| Lead | 61.2 | mg/kg | |
| Magnesium | 8640 | mg/kg | |
| Manganese | 384 | mg/kg | |
| Nickel | 40.7 | mg/kg | |
| Potassium | 2590 | mg/kg | |
| Silver | 0.37 | mg/kg | P |
| Sodium | 159 | mg/kg | |
| Vanadium | 15.3 | mg/kg | |
| Zinc | 66.6 | mg/kg | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

94414390 Reg sample

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**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414390
**Type:** Duplicate
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| All MERCURY tests | | | |
| Mercury | 0.0413 | mg/kg | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

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## Final Report



**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414390
**Type:** Matrix Spike
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **GC** | | | |
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 19 | ug/kg | U |
| PCB-1221 | 19 | ug/kg | U |
| PCB-1232 | 19 | ug/kg | U |
| PCB-1248 | 19 | ug/kg | U |
| PCB-1254 | 19 | ug/kg | U |
| Decachlorobiphenyl | 96 | %Rec | |
| PCB-1242 | 82 | %Rec | |
| PCB-1260 | 72 | %Rec | |
| Tetrachlorometaxylene | 82 | %Rec | |
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 87 | %Rec | |

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**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414390
**Type:** Matrix Spike Dupl
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **GC** | | | |
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 18 | ug/kg | U |
| PCB-1221 | 18 | ug/kg | U |
| PCB-1232 | 18 | ug/kg | U |
| PCB-1248 | 18 | ug/kg | U |
| PCB-1254 | 18 | ug/kg | U |
| Decachlorobiphenyl | 93 | %Rec | |
| PCB-1242 | 88 | %Rec | |
| PCB-1260 | 72 | %Rec | |
| Tetrachlorometaxylene | 80 | %Rec | |
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 89 | %Rec | |

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## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 10/25/94
**Matrix:** Liquid-Total
**Sample Number:** 94414391
**Type:** Reg sample
**Station Description:** MW-2

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 0.067 | ug/L | UJ |
| PCB-1221 | 0.067 | ug/L | UJ |
| PCB-1232 | 0.067 | ug/L | UJ |
| PCB-1242 | 0.067 | ug/L | UJ |
| PCB-1248 | 0.067 | ug/L | UJ |
| PCB-1254 | 0.067 | ug/L | UJ |
| PCB-1260 | 0.070 | ug/L | UJ |
| Decachlorobiphenyl | 93 | %Rec | |
| Tetrachlorometaxylene | 19 | %Rec | |

### Total Petroleum HydroC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Diesel | 0.13 | mg/L | U |
| Gasoline | 0.05 | mg/L | U |
| Motor Oil | 0.5 | mg/L | U |
| PENTACOSANE | 129 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 0.28 | ug/L | U |
| 1,2-Dichlorobenzene | 0.28 | ug/L | U |
| 1,3-Dichlorobenzene | 0.28 | ug/L | U |
| 1,4-Dichlorobenzene | 0.28 | ug/L | U |
| 2,4,5-Trichlorophenol | 0.28 | ug/L | U |
| 2,4,6-Trichlorophenol | 0.28 | ug/L | U |
| 2,4-Dichlorophenol | 0.28 | ug/L | U |
| 2,4-Dimethylphenol | 0.28 | ug/L | U |
| 2,4-Dinitrophenol | 11.2 | ug/L | UJ |
| 2,4-Dinitrotoluene | 2.8 | ug/L | U |
| 2,6-Dinitrotoluene | 1.4 | ug/L | U |
| 2-Chloronaphthalene | 0.28 | ug/L | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Chlorophenol | 0.28 | ug/L | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 0.28 | ug/L | U |
| 2-Methylphenol | 0.28 | ug/L | U |
| 2-Nitroaniline | 1.4 | ug/L | U |
| 2-Nitrophenol | 0.28 | ug/L | U |
| 3,3'-Dichlorobenzidine | 0.56 | ug/L | U |
| 4,6-Dinitro-2-methylphenol | 11.2 | ug/L | UJ |
| 4-Bromophenyl-Phenylether | 0.28 | ug/L | U |
| 4-Chloro-3-methylphenol | 0.28 | ug/L | U |
| 4-Chloroaniline | 0.28 | ug/L | U |
| 4-Chlorophenyl-Phenylether | 0.28 | ug/L | U |
| 4-Methylphenol | 0.28 | ug/L | U |
| 4-Nitrophenol | 2.8 | ug/L | U |
| Acenaphthene | 0.28 | ug/L | U |
| Acenaphthylene | 0.28 | ug/L | U |
| Aniline | 0.28 | ug/L | U |
| Anthracene | 0.28 | ug/L | U |
| Benz[e]acephenanthrylene | 0.28 | ug/L | U |
| Benzidine | 0.56 | ug/L | U |
| Benzo(a)anthracene | 0.28 | ug/L | U |
| Benzo(a)pyrene | 0.28 | ug/L | U |
| Benzo(g,h,i)perylene | 0.28 | ug/L | U |
| Benzo[k]fluoranthene | 0.28 | ug/L | U |
| Benzoic Acid | 11.2 | ug/L | UJ |
| Benzyl Alcohol | 0.28 | ug/L | U |
| bis(2-Chloroethoxy)methane | 0.28 | ug/L | U |
| bis(2-Chloroethyl)ether | 0.28 | ug/L | U |
| bis(2-Chloroisopropyl)ether | 0.28 | ug/L | U |
| Bis(2-ethylhexyl) phthalate | 0.28 | ug/L | U |
| Butylbenzylphthalate | 0.28 | ug/L | U |
| Carbazole | 0.28 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chrysene | 0.28 | ug/L | U |
| di-n-Butylphthalate | 0.28 | ug/L | U |
| di-n-octyl Phthalate | 0.28 | ug/L | U |
| Dibenz[a,h]anthracene | 0.28 | ug/L | U |
| Dibenzofuran | 0.28 | ug/L | U |
| Diethylphthalate | 2.8 | ug/L | U |
| Dimethylphthalate | 0.28 | ug/L | U |
| Fluoranthene | 0.28 | ug/L | U |
| Fluorene | 0.28 | ug/L | U |
| Hexachlorobenzene | 0.28 | ug/L | U |
| Hexachlorobutadiene | 0.28 | ug/L | U |
| Hexachlorocyclopentadiene | 1.4 | ug/L | U |
| Hexachloroethane | 0.28 | ug/L | U |
| Hydrazine, 1,2-Diphenyl- | 0.28 | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 0.28 | ug/L | U |
| m-Nitroaniline | 1.4 | ug/L | U |
| n-Nitroso-di-n-Propylamine | 0.28 | ug/L | U |
| n-Nitrosodimethylamine | 1.4 | ug/L | U |
| n-Nitrosodiphenylamine | 0.28 | ug/L | U |
| Naphthalene | 0.28 | ug/L | U |
| Naphthalene, 2-methyl | 0.28 | ug/L | U |
| Nitrobenzene | 0.28 | ug/L | U |
| Pentachlorophenol | 5.6 | ug/L | UJ |
| Phenanthrene | 0.28 | ug/L | U |
| **Phenol** | **0.7** | **ug/L** | |
| Pyrene | 0.28 | ug/L | U |
| Pyridine | 1.4 | ug/L | U |
| 1,1'-Biphenyl, 2-fluoro | 35 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 45 | %Rec | |
| 2-chlorophenol-d4 | 92 | %Rec | |
| d5-Phenol | 21 | %Rec | |

94414391 Reg sample

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Nitrobenzene-d5 | 88 | %Rec | |
| Phenol, 2-fluoro | 37 | %Rec | |
| Pyrene d10 | 93 | %Rec | |
| Terphenol-d14 | 78 | %Rec | |

**Semi-volatiles - Tentatives**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Hydrocarbon unknown 04** | **0.24** | **ug/L** | **JN** |
| **Hydrocarbon unknown 05** | **0.21** | **ug/L** | **JN** |
| **Hydrocarbon unknown 06** | **0.26** | **ug/L** | **JN** |
| **Hydrocarbon unknown 07** | **0.22** | **ug/L** | **JN** |
| **Unknown 04** | **0.26** | **ug/L** | **JN** |
| **unknown hydrocarbon** | **0.14** | **ug/L** | **JN** |
| **unknown hydrocarbon** | **0.20** | **ug/L** | **JN** |
| **unknown hydrocarbon** | **0.19** | **ug/L** | **JN** |
| **Unknown Hydrocarbon 08** | **0.14** | **ug/L** | **JN** |

**Volatiles**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 5.0 | ug/L | U |
| 1,2-Dibromo-3-chloropropane | 2.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dichloroethane | 1.0 | ug/L | U |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| 2-Butanone | 1.0 | ug/L | U |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| 2-Propanone | 2.0 | ug/L | U |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| **4-Methyl-2-Pentanone** | **0.20** | **ug/L** | **J** |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 10.0 | ug/L | UJ |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |

**94414391 Reg sample**

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| Bromomethane | 1.0 | ug/L | U |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 1.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 2.0 | ug/L | U |
| Methane, Dichlorodif | 2.0 | ug/L | U |
| Methylene Chloride | 2.0 | ug/L | U |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 10.0 | ug/L | UJ |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| Toluene | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Total Xylenes | 2.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 5.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 97 | %Rec | |
| 1,2-Dichloroethane-d4 | 98 | %Rec | |
| Benzene, fluoro | 100 | %Rec | |
| p-Bromofluorobenzene | 95 | %Rec | |
| Toluene-d8 | 101 | %Rec | |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |
| **Metals, ICP RAS** | | | |
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| Barium | 2.0 | ug/L | U |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **72.8** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| **Iron** | **11** | **ug/L** | **P** |
| Magnesium | 20 | ug/L | U |
| Manganese | 1.0 | ug/L | U |
| Nickel | 10 | ug/L | U |
| Potassium | 350 | ug/L | U |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **139** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |
| **Metals, ICP/MS** | | | |
| Arsenic | 1.0 | ug/L | U |
| Lead | 0.50 | ug/L | U |
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

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**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94414391
**Type:** Duplicate
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |

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**Project Code:** TEC-637A
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**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94414391
**Type:** Matrix Spike
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 98 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

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**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94414391
**Type:** Matrix Spike Dupl
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 99 | %Rec | |

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**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 10/25/94
**Matrix:** Liquid-Total
**Sample Number:** 94414392
**Type:** Reg sample
**Station Description:** MW-2

## GCMS

### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 5.0 | ug/L | UJ |
| 1,2-Dibromo-3-chloropropane | 2.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dichloroethane | 1.0 | ug/L | U |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| 2-Butanone | 1.0 | ug/L | U |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| 2-Propanone | 2.0 | ug/L | U |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 10.0 | ug/L | UJ |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| Bromomethane | 1.0 | ug/L | U |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 1.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 2.0 | ug/L | U |
| Methane, Dichlorodif | 2.0 | ug/L | U |
| Methylene Chloride | 2.0 | ug/L | U |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 10.0 | ug/L | UJ |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| Toluene | 1.0 | ug/L | U |
| Total Xylenes | 2.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 5.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 96 | %Rec | |
| 1,2-Dichloroethane-d4 | 97 | %Rec | |
| Benzene, fluoro | 100 | %Rec | |
| p-Bromofluorobenzene | 94 | %Rec | |
| Toluene-d8 | 100 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94414392
**Type:** Matrix Spike
**Station Description:**

## GCMS

### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 94.33 | %Rec | |
| 1,1,1-Trichloroethane | 96.13 | %Rec | |
| 1,1,2-Trichloroethane | 96.72 | %Rec | |
| 1,1-Dichloroethane | 97.41 | %Rec | |
| 1,1-Dichloropropene | 97.43 | %Rec | |
| 1,2,3-Trichloropropane | 104.52 | %Rec | |
| 1,2,4-Trichlorobenzene | 40.83 | %Rec | J |
| 1,2-Dibromo-3-chloropropane | 76.40 | %Rec | |
| 1,2-Dibromoethane | 95.10 | %Rec | |
| 1,2-Dichlorobenzene | 95.47 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 98.12 | %Rec | |
| 1,2-Dichloroethane | 100.45 | %Rec | |
| 1,2-Dichloroethane-d4 | 101.03 | %Rec | |
| 1,2-Dichloropropane | 97.96 | %Rec | |
| 1,3-Dichlorobenzene | 95.56 | %Rec | |
| 1,3-Dichloropropane | 96.03 | %Rec | |
| 1,4-Dichlorobenzene | 94.26 | %Rec | |
| 2,2-Dichloropropane | 93.45 | %Rec | |
| 2-Butanone | 94.79 | %Rec | |
| 2-Chlorotoluene | 101.19 | %Rec | |
| 2-Hexanone | 90.86 | %Rec | |
| 2-Propanone | 100.75 | %Rec | |
| 4-Chlorotoluene | 101.55 | %Rec | |
| 4-Methyl-2-Pentanone | 96.16 | %Rec | |
| Benzene | 99.64 | %Rec | |
| Benzene, (1-methylethyl) | 100.50 | %Rec | |
| Benzene, (1-methylpropyl) | 94.71 | %Rec | |
| Benzene, 1,2,3-trichloro | 29.62 | %Rec | J |
| Benzene, 1,2,4-trimethyl | 95.89 | %Rec | |
| Benzene, 1,2-dimethyl | 94.30 | %Rec | |
| Benzene, 1,3,5-trimethyl | 96.78 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 89.08 | %Rec | |
| Benzene, chloro | 96.67 | %Rec | |
| Benzene, ethyl | 95.66 | %Rec | |
| Benzene, fluoro | 99.81 | %Rec | |
| Benzene, propyl | 96.49 | %Rec | |
| Bromobenzene | 99.97 | %Rec | |
| Bromochloromethane | 97.28 | %Rec | |
| Bromodichloromethane | 96.57 | %Rec | |
| Bromoform | 97.87 | %Rec | |
| Bromomethane | 103.37 | %Rec | |
| Butylbenzene | 82.85 | %Rec | |
| Carbon disulfide | 97.19 | %Rec | |
| Carbon Tetrachloride | 97.48 | %Rec | |
| Chloroethane | 99.10 | %Rec | |
| Chloroform | 96.68 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chloromethane | 102.84 | %Rec | |
| cis-1,2-Dichloroethene | 96.22 | %Rec | |
| Cis-1,3-Dichloropropene | 92.22 | %Rec | |
| Dibromochloromethane | 93.67 | %Rec | |
| Dibromomethane | 96.95 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 97.21 | %Rec | |
| Ethene, 1,1-dichloro | 100.59 | %Rec | |
| Ethene, tetrachloro | 96.82 | %Rec | |
| Hexachlorobutadiene | 67.16 | %Rec | |
| Methane, Dichlorodif | 85.89 | %Rec | J |
| Methylene Chloride | 103.25 | %Rec | |
| Naphthalene | 31.26 | %Rec | J |
| p-Bromofluorobenzene | 97.82 | %Rec | |
| Styrene | 92.16 | %Rec | |
| tert-Butylbenzene | 99.11 | %Rec | |
| Toluene | 96.74 | %Rec | |
| Toluene-d8 | 100.33 | %Rec | |
| Total Xylenes | 94.32 | %Rec | |
| trans-1,2-Dichloroethene | 96.72 | %Rec | |
| Trans-1,3-Dichloropropene | 87.91 | %Rec | |
| Trichloroethene | 95.90 | %Rec | |
| Trichlorofluoromethane | 81.51 | %Rec | |
| Vinyl Chloride | 104.56 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94414392
**Type:** Matrix Spike Dupl
**Station Description:**

## GCMS

### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 98.79 | %Rec | |
| 1,1,1-Trichloroethane | 103.53 | %Rec | |
| 1,1,2-Trichloroethane | 100.19 | %Rec | |
| 1,1-Dichloroethane | 103.23 | %Rec | |
| 1,1-Dichloropropene | 102.94 | %Rec | |
| 1,2,3-Trichloropropane | 107.03 | %Rec | |
| 1,2,4-Trichlorobenzene | 46.77 | %Rec | J |
| 1,2-Dibromo-3-chloropropane | 82.93 | %Rec | |
| 1,2-Dibromoethane | 98.81 | %Rec | |
| 1,2-Dichlorobenzene | 101.37 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 98.27 | %Rec | |
| 1,2-Dichloroethane | 105.23 | %Rec | |
| 1,2-Dichloroethane-d4 | 99.37 | %Rec | |
| 1,2-Dichloropropane | 101.43 | %Rec | |
| 1,3-Dichlorobenzene | 101.23 | %Rec | |
| 1,3-Dichloropropane | 100.48 | %Rec | |
| 1,4-Dichlorobenzene | 98.73 | %Rec | |
| 2,2-Dichloropropane | 95.86 | %Rec | |
| 2-Butanone | 99.21 | %Rec | |
| 2-Chlorotoluene | 105.71 | %Rec | |
| 2-Hexanone | 94.35 | %Rec | |
| 2-Propanone | 119.47 | %Rec | |
| 4-Chlorotoluene | 104.68 | %Rec | |
| 4-Methyl-2-Pentanone | 97.22 | %Rec | |
| Benzene | 104.01 | %Rec | |
| Benzene, (1-methylethyl) | 106.55 | %Rec | |
| Benzene, (1-methylpropyl) | 99.80 | %Rec | |
| Benzene, 1,2,3-trichloro | 35.03 | %Rec | J |
| Benzene, 1,2,4-trimethyl | 101.24 | %Rec | |
| Benzene, 1,2-dimethyl | 98.50 | %Rec | |
| Benzene, 1,3,5-trimethyl | 102.58 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 94.08 | %Rec | |
| Benzene, chloro | 100.14 | %Rec | |
| Benzene, ethyl | 100.75 | %Rec | |
| Benzene, fluoro | 99.03 | %Rec | |
| Benzene, propyl | 102.21 | %Rec | |
| Bromobenzene | 104.02 | %Rec | |
| Bromochloromethane | 98.40 | %Rec | |
| Bromodichloromethane | 100.42 | %Rec | |
| Bromoform | 100.38 | %Rec | |
| Bromomethane | 101.45 | %Rec | |
| Butylbenzene | 88.74 | %Rec | |
| Carbon disulfide | 102.59 | %Rec | |
| Carbon Tetrachloride | 103.74 | %Rec | |
| Chloroethane | 110.90 | %Rec | |
| Chloroform | 102.11 | %Rec | |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chloromethane | 109.35 | %Rec | |
| cis-1,2-Dichloroethene | 100.85 | %Rec | |
| Cis-1,3-Dichloropropene | 97.69 | %Rec | |
| Dibromochloromethane | 98.68 | %Rec | |
| Dibromomethane | 99.38 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 97.83 | %Rec | |
| Ethene, 1,1-dichloro | 125.79 | %Rec | |
| Ethene, tetrachloro | 100.68 | %Rec | |
| Hexachlorobutadiene | 71.09 | %Rec | |
| Methane, Dichlorodif | 93.21 | %Rec | J |
| Methylene Chloride | 110.75 | %Rec | |
| MP-Xylene | 101.65 | %Rec | |
| Naphthalene | 37.73 | %Rec | J |
| p-Bromofluorobenzene | 98.34 | %Rec | |
| Styrene | 95.89 | %Rec | |
| tert-Butylbenzene | 103.30 | %Rec | |
| Toluene | 101.12 | %Rec | |
| Toluene-d8 | 100.86 | %Rec | |
| Total Xylenes | 100.59 | %Rec | |
| trans-1,2-Dichloroethene | 102.48 | %Rec | |
| Trans-1,3-Dichloropropene | 92.76 | %Rec | |
| Trichloroethene | 103.09 | %Rec | |
| Trichlorofluoromethane | 91.91 | %Rec | |
| Vinyl Chloride | 110.91 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

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## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/ 1/94
**Matrix:** Solid
**Sample Number:** 94414393
**Type:** Reg sample
**Station Description:** MW-1

## GC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 150 | ug/kg | U |
| PCB-1221 | 150 | ug/kg | U |
| PCB-1232 | 150 | ug/kg | U |
| PCB-1242 | 150 | ug/kg | U |
| PCB-1248 | 150 | ug/kg | U |
| PCB-1254 | 150 | ug/kg | U |
| PCB-1260 | 160 | ug/kg | U |
| Decachlorobiphenyl | 100 | %Rec | |
| Tetrachlorometaxylene | 84 | %Rec | |
| **Total Petroleum HydroC** | | | |
| Diesel | 15 | mg/kg | U |
| Gasoline | 6.2 | mg/kg | U |
| Motor Oil | 12 | mg/kg | U |
| PENTACOSANE | 112 | %Rec | |

## GCMS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles** | | | |
| 1,2,4-Trichlorobenzene | 161 | ug/kg | U |
| 1,2-Dichlorobenzene | 161 | ug/kg | U |
| 1,3-Dichlorobenzene | 161 | ug/kg | U |
| 1,4-Dichlorobenzene | 161 | ug/kg | U |
| 2,4,5-Trichlorophenol | 161 | ug/kg | U |
| 2,4,6-Trichlorophenol | 161 | ug/kg | U |
| 2,4-Dichlorophenol | 161 | ug/kg | U |
| 2,4-Dimethylphenol | 161 | ug/kg | UJ |
| 2,4-Dinitrophenol | 6440 | ug/kg | UJ |
| 2,4-Dinitrotoluene | 1610 | ug/kg | U |
| 2,6-Dinitrotoluene | 1610 | ug/kg | U |
| 2-Chloronaphthalene | 161 | ug/kg | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Chlorophenol | 161 | ug/kg | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 161 | ug/kg | U |
| 2-Methylphenol | 161 | ug/kg | U |
| 2-Nitroaniline | 1610 | ug/kg | U |
| 2-Nitrophenol | 1610 | ug/kg | U |
| 3,3'-Dichlorobenzidine | 322 | ug/kg | U |
| 3B-Coprostanol | 12900 | ug/kg | U |
| 4,6-Dinitro-2-methylphenol | 12900 | ug/kg | UJ |
| 4-Bromophenyl-Phenylether | 161 | ug/kg | U |
| 4-Chloro-3-methylphenol | 161 | ug/kg | U |
| 4-Chloroaniline | 161 | ug/kg | U |
| 4-Chlorophenyl-Phenylether | 161 | ug/kg | U |
| 4-Methylphenol | 161 | ug/kg | U |
| 4-Nitroaniline | 805 | ug/kg | U |
| 4-Nitrophenol | 3220 | ug/kg | U |
| Acenaphthene | 161 | ug/kg | U |
| Acenaphthylene | 161 | ug/kg | U |
| Aniline | 161 | ug/kg | U |
| Anthracene | 161 | ug/kg | U |
| Benz[e]acephenanthrylene | 161 | ug/kg | U |
| Benzidine | 1610 | ug/kg | U |
| Benzo(a)anthracene | 161 | ug/kg | U |
| Benzo(a)pyrene | 161 | ug/kg | U |
| Benzo(g,h,i)perylene | 161 | ug/kg | U |
| Benzo[k]fluoranthene | 161 | ug/kg | U |
| Benzoic Acid | 6440 | ug/kg | U |
| Benzyl Alcohol | 161 | ug/kg | U |
| bis(2-Chloroethoxy)methane | 161 | ug/kg | U |
| bis(2-Chloroethyl)ether | 161 | ug/kg | U |
| bis(2-Chloroisopropyl)ether | 161 | ug/kg | U |
| Bis(2-ethylhexyl) phthalate | 322 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Butylbenzylphthalate | 322 | ug/kg | U |
| CAFFEINE | 161 | ug/kg | U |
| Carbazole | 161 | ug/kg | U |
| Chrysene | 161 | ug/kg | U |
| di-n-Butylphthalate | 161 | ug/kg | U |
| di-n-octyl Phthalate | 805 | ug/kg | U |
| Dibenz[a,h]anthracene | 161 | ug/kg | U |
| Dibenzofuran | 161 | ug/kg | U |
| Diethylphthalate | 1610 | ug/kg | U |
| Dimethylphthalate | 161 | ug/kg | U |
| Fluoranthene | 161 | ug/kg | U |
| Fluorene | 161 | ug/kg | U |
| Hexachlorobenzene | 161 | ug/kg | U |
| Hexachlorobutadiene | 161 | ug/kg | U |
| Hexachlorocyclopentadiene | 805 | ug/kg | U |
| Hexachloroethane | 161 | ug/kg | U |
| Hydrazine, 1,2-Diphenyl- | 161 | ug/kg | U |
| Indeno(1,2,3-cd)pyrene | 161 | ug/kg | U |
| m-Nitroaniline | 805 | ug/kg | U |
| n-Nitroso-di-n-Propylamine | 161 | ug/kg | U |
| n-Nitrosodimethylamine | 805 | ug/kg | U |
| **n-Nitrosodiphenylamine** | **28.1** | **ug/kg** | **J** |
| Naphthalene | 161 | ug/kg | U |
| Naphthalene, 2-methyl | 161 | ug/kg | U |
| Nitrobenzene | 161 | ug/kg | U |
| Pentachlorophenol | 3220 | ug/kg | U |
| Phenanthrene | 161 | ug/kg | U |
| Phenanthrene, 1-methyl-7-(1 | 161 | ug/kg | U |
| Phenol | 161 | ug/kg | U |
| Pyrene | 161 | ug/kg | U |
| Pyridine | 805 | ug/kg | U |

**94414393 Reg sample**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 90 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 87 | %Rec | |
| 2-chlorophenol-d4 | 83 | %Rec | |
| d5-Phenol | 82 | %Rec | |
| Nitrobenzene-d5 | 70 | %Rec | |
| Phenol, 2-fluoro | 82 | %Rec | |
| Pyrene d10 | 82 | %Rec | |
| Terphenol-d14 | 88 | %Rec | |
| **Semi-volatiles - Tentatives** | | | |
| **Unknown 03** | **857** | **ug/kg** | **NJ** |
| **Volatiles** | | | |
| 1,1,1,2-Tetrachloroethane | 1.9 | ug/kg | U |
| 1,1,1-Trichloroethane | 1.9 | ug/kg | U |
| 1,1,2-Trichloroethane | 1.9 | ug/kg | U |
| 1,1-Dichloroethane | 1.9 | ug/kg | U |
| 1,1-Dichloropropene | 1.9 | ug/kg | U |
| 1,2,3-Trichloropropane | 1.9 | ug/kg | U |
| 1,2,4-Trichlorobenzene | 9.4 | ug/kg | U |
| 1,2-Dibromo-3-chloropropane | 1.9 | ug/kg | UJ |
| 1,2-Dibromoethane | 1.9 | ug/kg | U |
| 1,2-Dichlorobenzene | 1.9 | ug/kg | U |
| 1,2-Dichloroethane | 1.9 | ug/kg | U |
| 1,2-Dichloropropane | 1.9 | ug/kg | U |
| 1,3-Dichlorobenzene | 1.9 | ug/kg | U |
| 1,3-Dichloropropane | 1.9 | ug/kg | U |
| 1,4-Dichlorobenzene | 1.9 | ug/kg | U |
| 2,2-Dichloropropane | 1.9 | ug/kg | U |
| 2-Butanone | 18.9 | ug/kg | U |
| 2-Chlorotoluene | 1.9 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Hexanone | 1.9 | ug/kg | U |
| 2-Propanone | 18.9 | ug/kg | U |
| 4-Chlorotoluene | 1.9 | ug/kg | U |
| 4-Methyl-2-Pentanone | 1.9 | ug/kg | U |
| **Benzene** | **0.24** | **ug/kg** | **J** |
| Benzene, (1-methylethyl) | 1.9 | ug/kg | U |
| Benzene, (1-methylpropyl) | 1.9 | ug/kg | U |
| Benzene, 1,2,3-trichloro | 9.4 | ug/kg | UJ |
| Benzene, 1,2,4-trimethyl | 1.9 | ug/kg | U |
| Benzene, 1,2-dimethyl | 1.9 | ug/kg | U |
| Benzene, 1,3,5-trimethyl | 1.9 | ug/kg | U |
| Benzene, 1-methyl-4-(1-meth | 1.9 | ug/kg | U |
| Benzene, chloro | 1.9 | ug/kg | U |
| Benzene, ethyl | 1.9 | ug/kg | U |
| Benzene, propyl | 1.9 | ug/kg | U |
| Bromobenzene | 1.9 | ug/kg | U |
| Bromochloromethane | 1.9 | ug/kg | U |
| Bromodichloromethane | 1.9 | ug/kg | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Bromoform | 1.9 | ug/kg | U |
| Bromomethane | 1.9 | ug/kg | U |
| Butylbenzene | 1.9 | ug/kg | U |
| Carbon disulfide | 9.42 | ug/kg | U |
| Carbon Tetrachloride | 1.9 | ug/kg | U |
| Chloroethane | 1.9 | ug/kg | U |
| **Chloroform** | **1.4** | **ug/kg** | **J** |
| Chloromethane | 1.9 | ug/kg | U |
| cis-1,2-Dichloroethene | 1.9 | ug/kg | U |
| Cis-1,3-Dichloropropene | 2.0 | ug/kg | U |
| Dibromochloromethane | 1.9 | ug/kg | U |
| Dibromomethane | 1.9 | ug/kg | U |
| Ethane, 1,1,2,2-tetrachl | 1.9 | ug/kg | UJ |
| Ethene, 1,1-dichloro | 1.9 | ug/kg | U |
| Ethene, tetrachloro | 1.9 | ug/kg | U |
| Hexachlorobutadiene | 9.4 | ug/kg | U |
| Methane, Dichlorodif | 1.9 | ug/kg | UJ |
| Methylene Chloride | 3.8 | ug/kg | U |
| MP-Xylene | 3.8 | ug/kg | U |
| Naphthalene | 18.8 | ug/kg | UJ |
| Styrene | 1.9 | ug/kg | U |
| tert-Butylbenzene | 1.9 | ug/kg | U |
| Toluene | 1.9 | ug/kg | U |
| Total Xylenes | 5.6 | ug/kg | U |
| trans-1,2-Dichloroethene | 1.9 | ug/kg | U |
| Trans-1,3-Dichloropropene | 1.8 | ug/kg | U |
| Trichloroethene | 1.9 | ug/kg | U |
| Trichlorofluoromethane | 1.9 | ug/kg | U |
| Vinyl Chloride | 1.9 | ug/kg | U |
| 1,2-Dichlorobenzene-d4 | 101 | %Rec | |
| 1,2-Dichloroethane-d4 | 107 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzene, fluoro | 100 | %Rec | |
| p-Bromofluorobenzene | 98 | %Rec | |
| Toluene-d8 | 100 | %Rec | |

94414393 Reg sample

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| Arsenic by AA, RAS | | | |
| Arsenic | 11.3 | mg/kg | |
| Selenium by AA, RAS | | | |
| Selenium | 0.20 | mg/kg | U |
| Thallium by AA, RAS | | | |
| Thallium | 0.25 | mg/kg | U |
| All MERCURY tests | | | |
| Mercury | 0.052 | mg/kg | |
| Metals, ICP RAS | | | |
| Aluminum | 10500 | mg/kg | |
| Antimony | 4.0 | mg/kg | U |
| Barium | 74.9 | mg/kg | |
| Beryllium | 0.38 | mg/kg | P |
| Cadmium | 0.36 | mg/kg | P |
| Calcium | 13300 | mg/kg | |
| Chromium | 143 | mg/kg | |
| Cobalt | 90.7 | mg/kg | |
| Copper | 26.3 | mg/kg | |
| Iron | 22400 | mg/kg | |
| Lead | 55.4 | mg/kg | |
| Magnesium | 8320 | mg/kg | |
| Manganese | 441 | mg/kg | |
| Nickel | 277 | mg/kg | |
| Potassium | 2710 | mg/kg | |
| Silver | 0.30 | mg/kg | U |
| Sodium | 215 | mg/kg | |
| Vanadium | 19.8 | mg/kg | |
| Zinc | 73.9 | mg/kg | |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory

## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414393
**Type:** Duplicate
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| All MERCURY tests | | | |
| Mercury | 0.054 | mg/kg | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414393
**Type:** Matrix Spike
**Station Description:**

## GCMS
### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| di-n-Butylphthalate | NAR | | |
| 1,1'-Biphenyl, 2-fluoro | 98.52 | %Rec | |
| 1,2,4-Trichlorobenzene | 92.49 | %Rec | |
| 1,2-Dichlorobenzene | 94.63 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 86.96 | %Rec | |
| 1,3-Dichlorobenzene | 88.50 | %Rec | |
| 1,4-Dichlorobenzene | 94.27 | %Rec | |
| 2,4,5-Trichlorophenol | 85.71 | %Rec | |
| 2,4,6-Trichlorophenol | 84.52 | %Rec | |
| 2,4-Dichlorophenol | 86.60 | %Rec | |
| 2,4-Dimethylphenol | 47.21 | %Rec | |
| 2,4-Dinitrophenol | 39.61 | %Rec | J |
| 2,4-Dinitrotoluene | 72.29 | %Rec | |
| 2,6-Dinitrotoluene | 74.97 | %Rec | |
| 2-Chloronaphthalene | 96.93 | %Rec | |
| 2-Chlorophenol | 97.59 | %Rec | |
| 2-chlorophenol-d4 | 96.73 | %Rec | |
| 2-Cyclohexen-1-one, 3,5,5-t | 90.91 | %Rec | |
| 2-Methylphenol | 86.35 | %Rec | |
| 2-Nitroaniline | 75.61 | %Rec | |
| 2-Nitrophenol | 79.23 | %Rec | |
| 4,6-Dinitro-2-methylphenol | 43.93 | %Rec | |
| 4-Bromophenyl-Phenylether | 95.86 | %Rec | |
| 4-Chloro-3-methylphenol | 88.64 | %Rec | |
| 4-Chloroaniline | 58.02 | %Rec | |
| 4-Chlorophenyl-Phenylether | 96.35 | %Rec | |
| 4-Methylphenol | 87.19 | %Rec | |
| 4-Nitroaniline | 65.66 | %Rec | |
| 4-Nitrophenol | 70.75 | %Rec | |
| Acenaphthene | 100.59 | %Rec | |
| Acenaphthylene | 95.77 | %Rec | |
| Anthracene | 99.71 | %Rec | |
| Benz[e]acephenanthrylene | 97.12 | %Rec | |
| Benzo(a)anthracene | 98.67 | %Rec | |
| Benzo(a)pyrene | 96.01 | %Rec | |
| Benzo(g,h,i)perylene | 96.55 | %Rec | |
| Benzo[k]fluoranthene | 97.80 | %Rec | |
| Benzoic Acid | 72.08 | %Rec | J |
| Benzyl Alcohol | 95.22 | %Rec | |
| bis(2-Chloroethoxy)methane | 93.80 | %Rec | |
| bis(2-Chloroethyl)ether | 98.28 | %Rec | |
| bis(2-Chloroisopropyl)ether | 99.19 | %Rec | |
| Bis(2-ethylhexyl) phthalate | 88.32 | %Rec | |
| Butylbenzylphthalate | 86.32 | %Rec | |
| Chrysene | 100.18 | %Rec | |
| d5-Phenol | 92.64 | %Rec | |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| di-n-octyl Phthalate | 88.34 | %Rec | |
| Dibenz[a,h]anthracene | 91.99 | %Rec | |
| Dibenzofuran | 94.38 | %Rec | |
| Diethylphthalate | 95.50 | %Rec | |
| Dimethylphthalate | 90.50 | %Rec | |
| Fluoranthene | 99.91 | %Rec | |
| Fluorene | 99.61 | %Rec | |
| Hexachlorobenzene | 95.50 | %Rec | |
| Hexachlorobutadiene | 91.91 | %Rec | |
| Hexachlorocyclopentadiene | 57.86 | %Rec | |
| Hexachloroethane | 85.61 | %Rec | |
| Indeno(1,2,3-cd)pyrene | 94.55 | %Rec | |
| m-Nitroaniline | 60.29 | %Rec | |
| n-Nitroso-di-n-Propylamine | 97.30 | %Rec | |
| n-Nitrosodiphenylamine | 95.54 | %Rec | |
| Naphthalene | 99.56 | %Rec | |
| Naphthalene, 2-methyl | 94.96 | %Rec | |
| Nitrobenzene | 88.66 | %Rec | |
| Nitrobenzene-d5 | 82.25 | %Rec | |
| Pentachlorophenol | 74.76 | %Rec | |
| Phenanthrene | 100.74 | %Rec | |
| Phenol | 89.81 | %Rec | |
| Phenol, 2-fluoro | 91.47 | %Rec | |
| Pyrene | 99.62 | %Rec | |
| Pyrene d10 | 91.17 | %Rec | |
| Terphenol-d14 | 94.46 | %Rec | |

## MET

### All MERCURY tests

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Mercury | 110 | %Rec | |

94414393 Matrix Spike

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414393
**Type:** Matrix Spike Dupl
**Station Description:**

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| di-n-Butylphthalate | NAR | | |
| n-Nitrosodiphenylamine | NAR | | |
| 1,1'-Biphenyl, 2-fluoro | 95.58 | %Rec | |
| 1,2,4-Trichlorobenzene | 97.30 | %Rec | |
| 1,2-Dichlorobenzene | 97.24 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 84.63 | %Rec | |
| 1,3-Dichlorobenzene | 90.92 | %Rec | |
| 1,4-Dichlorobenzene | 96.70 | %Rec | |
| 2,4,5-Trichlorophenol | 85.29 | %Rec | |
| 2,4,6-Trichlorophenol | 85.74 | %Rec | |
| 2,4-Dichlorophenol | 92.65 | %Rec | |
| 2,4-Dimethylphenol | 56.05 | %Rec | |
| 2,4-Dinitrophenol | 42.22 | %Rec | J |
| 2,4-Dinitrotoluene | 76.28 | %Rec | |
| 2,6-Dinitrotoluene | 76.02 | %Rec | |
| 2-Chloronaphthalene | 97.23 | %Rec | |
| 2-Chlorophenol | 94.06 | %Rec | |
| 2-chlorophenol-d4 | 90.94 | %Rec | |
| 2-Cyclohexen-1-one, 3,5,5-t | 94.38 | %Rec | |
| 2-Methylphenol | 87.19 | %Rec | |
| 2-Nitroaniline | 78.05 | %Rec | |
| 2-Nitrophenol | 86.00 | %Rec | |
| 4,6-Dinitro-2-methylphenol | 46.84 | %Rec | |
| 4-Bromophenyl-Phenylether | 98.46 | %Rec | |
| 4-Chloro-3-methylphenol | 92.03 | %Rec | |
| 4-Chloroaniline | 61.32 | %Rec | |
| 4-Chlorophenyl-Phenylether | 95.19 | %Rec | |
| 4-Methylphenol | 88.37 | %Rec | |
| 4-Nitroaniline | 62.44 | %Rec | |
| 4-Nitrophenol | 72.52 | %Rec | |
| Acenaphthene | 102.03 | %Rec | |
| Acenaphthylene | 98.49 | %Rec | |
| Anthracene | 100.81 | %Rec | |
| Benz[e]acephenanthrylene | 100.67 | %Rec | |
| Benzo(a)anthracene | 98.68 | %Rec | |
| Benzo(a)pyrene | 95.68 | %Rec | |
| Benzo(g,h,i)perylene | 98.43 | %Rec | |
| Benzo[k]fluoranthene | 100.10 | %Rec | |
| Benzoic Acid | 57.30 | %Rec | J |
| Benzyl Alcohol | 92.73 | %Rec | |
| bis(2-Chloroethoxy)methane | 95.60 | %Rec | |
| bis(2-Chloroethyl)ether | 99.44 | %Rec | |
| bis(2-Chloroisopropyl)ether | 99.45 | %Rec | |
| Bis(2-ethylhexyl) phthalate | 87.03 | %Rec | |
| Butylbenzylphthalate | 90.16 | %Rec | |
| Chrysene | 98.25 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| d5-Phenol | 88.50 | %Rec | |
| di-n-octyl Phthalate | 89.06 | %Rec | |
| Dibenz[a,h]anthracene | 96.16 | %Rec | |
| Dibenzofuran | 95.56 | %Rec | |
| Diethylphthalate | 96.67 | %Rec | |
| Dimethylphthalate | 95.33 | %Rec | |
| Fluoranthene | 100.53 | %Rec | |
| Fluorene | 102.13 | %Rec | |
| Hexachlorobenzene | 100.62 | %Rec | |
| Hexachlorobutadiene | 96.89 | %Rec | |
| Hexachlorocyclopentadiene | 55.69 | %Rec | |
| Hexachloroethane | 87.94 | %Rec | |
| Indeno(1,2,3-cd)pyrene | 96.73 | %Rec | |
| m-Nitroaniline | 57.40 | %Rec | |
| n-Nitroso-di-n-Propylamine | 98.16 | %Rec | |
| Naphthalene | 103.16 | %Rec | |
| Naphthalene, 2-methyl | 97.70 | %Rec | |
| Nitrobenzene | 92.50 | %Rec | |
| Nitrobenzene-d5 | 82.71 | %Rec | |
| Pentachlorophenol | 80.89 | %Rec | |
| Phenanthrene | 102.74 | %Rec | |
| Phenol | 92.57 | %Rec | |
| Phenol, 2-fluoro | 89.75 | %Rec | |
| Pyrene | 99.56 | %Rec | |
| Pyrene d10 | 90.78 | %Rec | |
| Terphenol-d14 | 91.20 | %Rec | |

## MET

### All MERCURY tests

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Mercury | 102 | %Rec | |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/ 1/94
**Matrix:** Solid
**Sample Number:** 94414394
**Type:** Reg sample
**Station Description:** MW1

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 160 | ug/kg | U |
| PCB-1221 | 160 | ug/kg | U |
| PCB-1232 | 160 | ug/kg | U |
| PCB-1242 | 160 | ug/kg | U |
| PCB-1248 | 160 | ug/kg | U |
| PCB-1254 | 160 | ug/kg | U |
| PCB-1260 | 170 | ug/kg | U |
| Decachlorobiphenyl | 110 | %Rec | |
| Tetrachlorometaxylene | 89 | %Rec | |

### Total Petroleum HydroC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Diesel | 15 | mg/kg | U |
| Gasoline | 6.1 | mg/kg | U |
| Motor Oil | 12 | mg/kg | U |
| PENTACOSANE | 131 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 166 | ug/kg | U |
| 1,2-Dichlorobenzene | 166 | ug/kg | U |
| 1,3-Dichlorobenzene | 166 | ug/kg | U |
| 1,4-Dichlorobenzene | 166 | ug/kg | U |
| 2,4,5-Trichlorophenol | 166 | ug/kg | U |
| 2,4,6-Trichlorophenol | 166 | ug/kg | U |
| 2,4-Dichlorophenol | 166 | ug/kg | U |
| 2,4-Dimethylphenol | 166 | ug/kg | U |
| 2,4-Dinitrophenol | 6640 | ug/kg | UJ |
| 2,4-Dinitrotoluene | 1660 | ug/kg | U |
| 2,6-Dinitrotoluene | 1660 | ug/kg | U |
| 2-Chloronaphthalene | 166 | ug/kg | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Chlorophenol | 166 | ug/kg | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 166 | ug/kg | U |
| 2-Methylphenol | 166 | ug/kg | U |
| 2-Nitroaniline | 1660 | ug/kg | U |
| 2-Nitrophenol | 1660 | ug/kg | U |
| 3,3'-Dichlorobenzidine | 332 | ug/kg | U |
| 3B-Coprostanol | 13300 | ug/kg | U |
| 4,6-Dinitro-2-methylphenol | 13300 | ug/kg | U |
| 4-Bromophenyl-Phenylether | 166 | ug/kg | U |
| 4-Chloro-3-methylphenol | 166 | ug/kg | U |
| 4-Chloroaniline | 166 | ug/kg | U |
| 4-Chlorophenyl-Phenylether | 166 | ug/kg | U |
| 4-Methylphenol | 166 | ug/kg | U |
| 4-Nitroaniline | 830 | ug/kg | U |
| 4-Nitrophenol | 3320 | ug/kg | U |
| Acenaphthene | 166 | ug/kg | U |
| Acenaphthylene | 166 | ug/kg | U |
| Aniline | 166 | ug/kg | U |
| Anthracene | 166 | ug/kg | U |
| Benz[e]acephenanthrylene | 166 | ug/kg | U |
| Benzidine | 1660 | ug/kg | U |
| Benzo(a)anthracene | 166 | ug/kg | U |
| Benzo(a)pyrene | 166 | ug/kg | U |
| Benzo(g,h,i)perylene | 166 | ug/kg | U |
| Benzo[k]fluoranthene | 166 | ug/kg | U |
| Benzoic Acid | 6640 | ug/kg | U |
| Benzyl Alcohol | 166 | ug/kg | U |
| bis(2-Chloroethoxy)methane | 166 | ug/kg | U |
| bis(2-Chloroethyl)ether | 166 | ug/kg | U |
| bis(2-Chloroisopropyl)ether | 166 | ug/kg | U |
| Bis(2-ethylhexyl) phthalate | 332 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Butylbenzylphthalate | 332 | ug/kg | U |
| CAFFEINE | 166 | ug/kg | U |
| Carbazole | 166 | ug/kg | U |
| Chrysene | 166 | ug/kg | U |
| di-n-Butylphthalate | 166 | ug/kg | U |
| di-n-octyl Phthalate | 830 | ug/kg | U |
| Dibenz[a,h]anthracene | 166 | ug/kg | U |
| Dibenzofuran | 166 | ug/kg | U |
| Diethylphthalate | 1660 | ug/kg | U |
| Dimethylphthalate | 166 | ug/kg | U |
| Fluoranthene | 166 | ug/kg | U |
| Fluorene | 166 | ug/kg | U |
| Hexachlorobenzene | 166 | ug/kg | U |
| Hexachlorobutadiene | 166 | ug/kg | U |
| Hexachlorocyclopentadiene | 830 | ug/kg | U |
| Hexachloroethane | 166 | ug/kg | U |
| Hydrazine, 1,2-Diphenyl- | 166 | ug/kg | U |
| Indeno(1,2,3-cd)pyrene | 166 | ug/kg | U |
| m-Nitroaniline | 830 | ug/kg | U |
| n-Nitroso-di-n-Propylamine | 166 | ug/kg | U |
| n-Nitrosodimethylamine | 830 | ug/kg | U |
| **n-Nitrosodiphenylamine** | **47.1** | **ug/kg** | **J** |
| Naphthalene | 166 | ug/kg | U |
| Naphthalene, 2-methyl | 166 | ug/kg | U |
| Nitrobenzene | 166 | ug/kg | U |
| Pentachlorophenol | 3320 | ug/kg | U |
| Phenanthrene | 166 | ug/kg | U |
| Phenanthrene, 1-methyl-7-(1 | 166 | ug/kg | U |
| Phenol | 166 | ug/kg | U |
| Pyrene | 166 | ug/kg | U |
| Pyridine | 830 | ug/kg | U |

94414394 Reg sample

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 101 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 92 | %Rec | |
| 2-chlorophenol-d4 | 96 | %Rec | |
| d5-Phenol | 93 | %Rec | |
| Nitrobenzene-d5 | 79 | %Rec | |
| Phenol, 2-fluoro | 94 | %Rec | |
| Pyrene d10 | 97 | %Rec | |
| Terphenol-d14 | 100 | %Rec | |
| **Semi-volatiles - Tentatives** | | | |
| **2-Pentanone, 4-amino-4-m** | **2220** | **ug/kg** | **NJ** |
| **Octane, 3-methyl** | **877** | **ug/kg** | **NJ** |
| **Unknown 01** | **4670** | **ug/kg** | **NJ** |
| **Unknown 02** | **1320** | **ug/kg** | **NJ** |
| **Volatiles** | | | |
| 1,1,1,2-Tetrachloroethane | 1.6 | ug/kg | U |
| 1,1,1-Trichloroethane | 1.6 | ug/kg | U |
| 1,1,2-Trichloroethane | 1.6 | ug/kg | U |
| 1,1-Dichloroethane | 1.6 | ug/kg | U |
| 1,1-Dichloropropene | 1.6 | ug/kg | U |
| 1,2,3-Trichloropropane | 1.6 | ug/kg | U |
| 1,2,4-Trichlorobenzene | 7.9 | ug/kg | UJ |
| 1,2-Dibromo-3-chloropropane | 1.6 | ug/kg | U |
| 1,2-Dibromoethane | 1.6 | ug/kg | U |
| 1,2-Dichlorobenzene | 1.6 | ug/kg | U |
| 1,2-Dichloroethane | 1.6 | ug/kg | U |
| 1,2-Dichloropropane | 1.6 | ug/kg | U |
| 1,3-Dichlorobenzene | 1.6 | ug/kg | U |
| 1,3-Dichloropropane | 1.6 | ug/kg | U |
| 1,4-Dichlorobenzene | 1.6 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2,2-Dichloropropane | 1.6 | ug/kg | U |
| 2-Butanone | 15.8 | ug/kg | U |
| 2-Chlorotoluene | 1.6 | ug/kg | U |
| 2-Hexanone | 1.6 | ug/kg | U |
| 2-Propanone | 15.8 | ug/kg | U |
| 4-Chlorotoluene | 1.6 | ug/kg | U |
| 4-Methyl-2-Pentanone | 1.6 | ug/kg | U |
| Benzene | 1.6 | ug/kg | U |
| Benzene, (1-methylethyl) | 1.6 | ug/kg | U |
| Benzene, (1-methylpropyl) | 1.6 | ug/kg | U |
| Benzene, 1,2,3-trichloro | 7.9 | ug/kg | UJ |
| Benzene, 1,2,4-trimethyl | 1.6 | ug/kg | U |
| Benzene, 1,2-dimethyl | 1.6 | ug/kg | U |
| Benzene, 1,3,5-trimethyl | 1.6 | ug/kg | U |
| Benzene, 1-methyl-4-(1-meth | 1.6 | ug/kg | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzene, chloro | 1.6 | ug/kg | U |
| Benzene, ethyl | 1.6 | ug/kg | U |
| Benzene, propyl | 1.6 | ug/kg | U |
| Bromobenzene | 1.6 | ug/kg | U |
| Bromochloromethane | 1.6 | ug/kg | U |
| Bromodichloromethane | 1.6 | ug/kg | U |
| Bromoform | 1.6 | ug/kg | U |
| Bromomethane | 1.6 | ug/kg | U |
| Butylbenzene | 1.6 | ug/kg | U |
| Carbon disulfide | 7.9 | ug/kg | U |
| Carbon Tetrachloride | 1.6 | ug/kg | U |
| Chloroethane | 1.6 | ug/kg | U |
| **Chloroform** | **1.0** | **ug/kg** | **J** |
| Chloromethane | 1.6 | ug/kg | U |
| cis-1,2-Dichloroethene | 1.6 | ug/kg | U |
| Cis-1,3-Dichloropropene | 1.7 | ug/kg | U |
| Dibromochloromethane | 1.6 | ug/kg | U |
| Dibromomethane | 1.6 | ug/kg | U |
| Ethane, 1,1,2,2-tetrachl | 1.6 | ug/kg | UJ |
| Ethene, 1,1-dichloro | 1.6 | ug/kg | U |
| Ethene, tetrachloro | 1.6 | ug/kg | U |
| Hexachlorobutadiene | 7.9 | ug/kg | U |
| Methane, Dichlorodif | 1.6 | ug/kg | UJ |
| Methylene Chloride | 3.16 | ug/kg | U |
| MP-Xylene | 3.2 | ug/kg | U |
| Naphthalene | 15.8 | ug/kg | UJ |
| Styrene | 1.6 | ug/kg | U |
| tert-Butylbenzene | 1.6 | ug/kg | U |
| Toluene | 1.6 | ug/kg | U |
| Total Xylenes | 4.7 | ug/kg | U |
| trans-1,2-Dichloroethene | 1.6 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Trans-1,3-Dichloropropene | 1.5 | ug/kg | U |
| Trichloroethene | 1.6 | ug/kg | U |
| Trichlorofluoromethane | 1.6 | ug/kg | U |
| Vinyl Chloride | 1.6 | ug/kg | U |
| 1,2-Dichlorobenzene-d4 | 102 | %Rec | |
| 1,2-Dichloroethane-d4 | 109 | %Rec | |
| Benzene, fluoro | 99 | %Rec | |
| p-Bromofluorobenzene | 98 | %Rec | |
| Toluene-d8 | 100 | %Rec | |

94414394 Reg sample

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **Arsenic by AA, RAS** | | | |
| **Arsenic** | **8.38** | **mg/kg** | |
| **Selenium by AA, RAS** | | | |
| Selenium | 0.20 | mg/kg | U |
| **Thallium by AA, RAS** | | | |
| Thallium | 0.25 | mg/kg | U |
| **All MERCURY tests** | | | |
| **Mercury** | **0.063** | **mg/kg** | |
| **Metals, ICP RAS** | | | |
| **Aluminum** | **9890** | **mg/kg** | |
| Antimony | 4.0 | mg/kg | U |
| **Barium** | **70.1** | **mg/kg** | |
| **Beryllium** | **0.36** | **mg/kg** | **P** |
| Cadmium | 0.20 | mg/kg | U |
| **Calcium** | **13500** | **mg/kg** | |
| **Chromium** | **105** | **mg/kg** | |
| **Cobalt** | **87.8** | **mg/kg** | |
| **Copper** | **21.6** | **mg/kg** | |
| **Iron** | **21100** | **mg/kg** | |
| **Lead** | **37.4** | **mg/kg** | |
| **Magnesium** | **7710** | **mg/kg** | |
| **Manganese** | **388** | **mg/kg** | |
| **Nickel** | **43.1** | **mg/kg** | |
| **Potassium** | **2650** | **mg/kg** | |
| Silver | 0.30 | mg/kg | U |
| **Sodium** | **180** | **mg/kg** | |
| **Vanadium** | **19.1** | **mg/kg** | |
| **Zinc** | **62.8** | **mg/kg** | |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414394
**Type:** Matrix Spike
**Station Description:**

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Butanone | NAF | | |
| 2-Propanone | NAF | | |
| Carbon disulfide | NAF | | |
| 1,1,1,2-Tetrachloroethane | 85.51 | %Rec | |
| 1,1,1-Trichloroethane | 91.43 | %Rec | |
| 1,1,2-Trichloroethane | 104.06 | %Rec | |
| 1,1-Dichloroethane | 88.97 | %Rec | |
| 1,1-Dichloropropene | 85.83 | %Rec | |
| 1,2,3-Trichloropropane | 126.39 | %Rec | |
| 1,2,4-Trichlorobenzene | 18.05 | %Rec | |
| 1,2-Dibromo-3-chloropropane | 157.57 | %Rec | J |
| 1,2-Dibromoethane | 105.12 | %Rec | |
| 1,2-Dichlorobenzene | 70.08 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 101.40 | %Rec | |
| 1,2-Dichloroethane | 96.62 | %Rec | |
| 1,2-Dichloroethane-d4 | 107.96 | %Rec | |
| 1,2-Dichloropropane | 93.14 | %Rec | |
| 1,3-Dichlorobenzene | 61.16 | %Rec | |
| 1,3-Dichloropropane | 99.74 | %Rec | |
| 1,4-Dichlorobenzene | 58.17 | %Rec | |
| 2,2-Dichloropropane | 87.24 | %Rec | |
| 2-Chlorotoluene | 76.46 | %Rec | |
| 2-Hexanone | 101.64 | %Rec | |
| 4-Chlorotoluene | 66.91 | %Rec | |
| 4-Methyl-2-Pentanone | 137.31 | %Rec | |
| Benzene | 91.68 | %Rec | |
| Benzene, (1-methylethyl) | 83.15 | %Rec | |
| Benzene, (1-methylpropyl) | 80.13 | %Rec | |
| Benzene, 1,2,3-trichloro | 22.10 | %Rec | J |
| Benzene, 1,2,4-trimethyl | 69.45 | %Rec | |
| Benzene, 1,2-dimethyl | 79.39 | %Rec | |
| Benzene, 1,3,5-trimethyl | 74.50 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 71.76 | %Rec | |
| Benzene, chloro | 79.03 | %Rec | |
| Benzene, ethyl | 79.99 | %Rec | |
| Benzene, fluoro | 99.24 | %Rec | |
| Benzene, propyl | 75.08 | %Rec | |
| Bromobenzene | 76.85 | %Rec | |
| Bromochloromethane | 96.94 | %Rec | |
| Bromodichloromethane | 84.39 | %Rec | |
| Bromoform | 87.19 | %Rec | |
| Bromomethane | 78.07 | %Rec | |
| Butylbenzene | 63.51 | %Rec | |
| Carbon Tetrachloride | 90.11 | %Rec | |
| Chloroethane | 90.04 | %Rec | |
| Chloroform | 100.24 | %Rec | |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chloromethane | 91.08 | %Rec | |
| cis-1,2-Dichloroethene | 89.19 | %Rec | |
| Cis-1,3-Dichloropropene | 74.58 | %Rec | |
| Dibromochloromethane | 82.79 | %Rec | |
| Dibromomethane | 104.91 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 160.35 | %Rec | J |
| Ethene, 1,1-dichloro | 115.01 | %Rec | |
| Ethene, tetrachloro | 80.10 | %Rec | |
| Hexachlorobutadiene | 64.30 | %Rec | |
| Methane, Dichlorodif | 78.11 | %Rec | J |
| Methylene Chloride | 97.02 | %Rec | |
| Naphthalene | 20.53 | %Rec | J |
| p-Bromofluorobenzene | 100.95 | %Rec | |
| Styrene | 70.19 | %Rec | |
| tert-Butylbenzene | 85.71 | %Rec | |
| Toluene | 86.94 | %Rec | |
| Toluene-d8 | 100.07 | %Rec | |
| Total Xylenes | 77 | %Rec | |
| trans-1,2-Dichloroethene | 84.54 | %Rec | |
| Trans-1,3-Dichloropropene | 73.92 | %Rec | |
| Trichloroethene | 78.64 | %Rec | |
| Trichlorofluoromethane | 79.39 | %Rec | |
| Vinyl Chloride | 92.35 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

94414394 Matrix Spike

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94414394
**Type:** Matrix Spike Dupl
**Station Description:**

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Butanone | NAF | | |
| 2-Propanone | NAF | | |
| Carbon disulfide | NAF | | |
| 1,1,1,2-Tetrachloroethane | 77.00 | %Rec | |
| 1,1,1-Trichloroethane | 84.38 | %Rec | |
| 1,1,2-Trichloroethane | 97.24 | %Rec | |
| 1,1-Dichloroethane | 84.22 | %Rec | |
| 1,1-Dichloropropene | 81.03 | %Rec | |
| 1,2,3-Trichloropropane | 131.95 | %Rec | |
| 1,2,4-Trichlorobenzene | 28.55 | %Rec | |
| 1,2-Dibromo-3-chloropropane | 176.89 | %Rec | J |
| 1,2-Dibromoethane | 99.52 | %Rec | |
| 1,2-Dichlorobenzene | 64.88 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 101.84 | %Rec | |
| 1,2-Dichloroethane | 88.35 | %Rec | |
| 1,2-Dichloroethane-d4 | 108.98 | %Rec | |
| 1,2-Dichloropropane | 87.36 | %Rec | |
| 1,3-Dichlorobenzene | 56.85 | %Rec | |
| 1,3-Dichloropropane | 95.83 | %Rec | |
| 1,4-Dichlorobenzene | 54.51 | %Rec | |
| 2,2-Dichloropropane | 81.62 | %Rec | |
| 2-Chlorotoluene | 68.67 | %Rec | |
| 2-Hexanone | 137.18 | %Rec | |
| 4-Chlorotoluene | 58.07 | %Rec | |
| 4-Methyl-2-Pentanone | 157.15 | %Rec | |
| Benzene | 85.50 | %Rec | |
| Benzene, (1-methylethyl) | 74.25 | %Rec | |
| Benzene, (1-methylpropyl) | 72.24 | %Rec | |
| Benzene, 1,2,3-trichloro | 24.12 | %Rec | J |
| Benzene, 1,2,4-trimethyl | 62.84 | %Rec | |
| Benzene, 1,2-dimethyl | 71.73 | %Rec | |
| Benzene, 1,3,5-trimethyl | 68.29 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 63.75 | %Rec | |
| Benzene, chloro | 72.39 | %Rec | |
| Benzene, ethyl | 73.66 | %Rec | |
| Benzene, fluoro | 98.94 | %Rec | |
| Benzene, propyl | 68.16 | %Rec | |
| Bromobenzene | 69.72 | %Rec | |
| Bromochloromethane | 90.04 | %Rec | |
| Bromodichloromethane | 74.42 | %Rec | |
| Bromoform | 73.41 | %Rec | |
| Bromomethane | 87.76 | %Rec | |
| Butylbenzene | 56.75 | %Rec | |
| Carbon Tetrachloride | 82.46 | %Rec | |
| Chloroethane | 87.09 | %Rec | |
| Chloroform | 101.94 | %Rec | |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chloromethane | 101.43 | %Rec | |
| cis-1,2-Dichloroethene | 82.91 | %Rec | |
| Cis-1,3-Dichloropropene | 66.32 | %Rec | |
| Dibromochloromethane | 71.55 | %Rec | |
| Dibromomethane | 98.30 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 157.75 | %Rec | J |
| Ethene, 1,1-dichloro | 98.76 | %Rec | |
| Ethene, tetrachloro | 70.82 | %Rec | |
| Hexachlorobutadiene | 60.68 | %Rec | |
| Methane, Dichlorodif | 71.77 | %Rec | |
| Methylene Chloride | 94.55 | %Rec | |
| MP-Xylene | 68.17 | %Rec | |
| Naphthalene | 35.21 | %Rec | J |
| p-Bromofluorobenzene | 101.23 | %Rec | |
| Styrene | 61.47 | %Rec | |
| tert-Butylbenzene | 85.73 | %Rec | |
| Toluene | 77.62 | %Rec | |
| Toluene-d8 | 99.59 | %Rec | |
| Total Xylenes | 69 | %Rec | |
| trans-1,2-Dichloroethene | 79.32 | %Rec | |
| Trans-1,3-Dichloropropene | 64.18 | %Rec | |
| Trichloroethene | 72.25 | %Rec | |
| Trichlorofluoromethane | 74.55 | %Rec | |
| Vinyl Chloride | 104.85 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/ 1/94
**Matrix:** Liquid-Total
**Sample Number:** 94414395
**Type:** Reg sample
**Station Description:** MW-1 (TRIP BLANK)

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 5.0 | ug/L | UJ |
| 1,2-Dibromo-3-chloropropane | 2.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| **1,2-Dichloroethane** | **2.8** | **ug/L** | |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| 2-Butanone | 1.0 | ug/L | U |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| 2-Propanone | 2.0 | ug/L | U |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| **4-Methyl-2-Pentanone** | **0.26** | **ug/L** | **J** |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 10 | ug/L | UJ |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| Bromomethane | 1.0 | ug/L | U |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| **Chloromethane** | **1.1** | **ug/L** | |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 1.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 2.0 | ug/L | U |
| Methane, Dichlorodif | 2.0 | ug/L | U |
| Methylene Chloride | 2.0 | ug/L | U |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 10 | ug/L | UJ |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| **Toluene** | **0.071** | **ug/L** | **J** |
| Total Xylenes | 3.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 5.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 97 | %Rec | |
| 1,2-Dichloroethane-d4 | 100 | %Rec | |
| Benzene, fluoro | 100 | %Rec | |
| p-Bromofluorobenzene | 93 | %Rec | |
| Toluene-d8 | 101 | %Rec | |

**Volatiles - Tentatives**

| | | | |
|---|---|---|---|
| **Unknown 01** | **0.76** | **ug/L** | **JN** |
| **Unknown 02** | **0.23** | **ug/L** | **JN** |
| **Unknown 03** | **0.38** | **ug/L** | **JN** |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/15/94
**Matrix:** Solid
**Sample Number:** 94464300
**Type:** Reg sample
**Station Description:** MW-3

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 14 | ug/kg | U |
| PCB-1221 | 14 | ug/kg | U |
| PCB-1232 | 14 | ug/kg | U |
| PCB-1242 | 14 | ug/kg | U |
| PCB-1248 | 14 | ug/kg | U |
| PCB-1254 | 14 | ug/kg | U |
| PCB-1260 | 14 | ug/kg | U |
| Decachlorobiphenyl | 110 | %Rec | |
| Tetrachlorometaxylene | 110 | %Rec | |

### Total Petroleum HydroC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Diesel | 24 | mg/kg | U |
| Gasoline | 9.5 | mg/kg | U |
| Motor Oil | 19 | mg/kg | U |
| PENTACOSANE | 128 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 142 | ug/kg | U |
| 1,2-Dichlorobenzene | 142 | ug/kg | U |
| 1,3-Dichlorobenzene | 142 | ug/kg | U |
| 1,4-Dichlorobenzene | 142 | ug/kg | U |
| 2,4,5-Trichlorophenol | 142 | ug/kg | U |
| 2,4,6-Trichlorophenol | 142 | ug/kg | U |
| 2,4-Dichlorophenol | 142 | ug/kg | U |
| 2,4-Dimethylphenol | 142 | ug/kg | U |
| 2,4-Dinitrophenol | 5690 | ug/kg | UJ |
| 2,4-Dinitrotoluene | 711 | ug/kg | U |
| 2,6-Dinitrotoluene | 711 | ug/kg | U |
| 2-Chloronaphthalene | 142 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Chlorophenol | 142 | ug/kg | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 142 | ug/kg | U |
| 2-Methylphenol | 142 | ug/kg | U |
| 2-Nitroaniline | 711 | ug/kg | U |
| 2-Nitrophenol | 142 | ug/kg | U |
| 3,3'-Dichlorobenzidine | 284 | ug/kg | U |
| 3B-Coprostanol | 11400 | ug/kg | U |
| 4,6-Dinitro-2-methylphenol | 5690 | ug/kg | U |
| 4-Bromophenyl-Phenylether | 142 | ug/kg | U |
| 4-Chloro-3-methylphenol | 142 | ug/kg | U |
| 4-Chloroaniline | 142 | ug/kg | U |
| 4-Chlorophenyl-Phenylether | 142 | ug/kg | U |
| 4-Methylphenol | 142 | ug/kg | U |
| 4-Nitroaniline | 142 | ug/kg | U |
| 4-Nitrophenol | 1420 | ug/kg | U |
| Acenaphthene | 142 | ug/kg | U |
| Acenaphthylene | 142 | ug/kg | U |
| Aniline | 142 | ug/kg | U |
| Anthracene | 142 | ug/kg | U |
| Benz[e]acephenanthrylene | 142 | ug/kg | U |
| Benzidine | 284 | ug/kg | U |
| Benzo(a)anthracene | 142 | ug/kg | U |
| Benzo(a)pyrene | 142 | ug/kg | U |
| Benzo(g,h,i)perylene | 142 | ug/kg | U |
| Benzo[k]fluoranthene | 142 | ug/kg | U |
| Benzoic Acid | 5690 | ug/kg | UJ |
| Benzyl Alcohol | 142 | ug/kg | U |
| bis(2-Chloroethoxy)methane | 142 | ug/kg | U |
| bis(2-Chloroethyl)ether | 142 | ug/kg | U |
| bis(2-Chloroisopropyl)ether | 142 | ug/kg | U |
| Bis(2-ethylhexyl) phthalate | 142 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Butylbenzylphthalate | 142 | ug/kg | U |
| CAFFEINE | 142 | ug/kg | U |
| Carbazole | 142 | ug/kg | U |
| Chrysene | 142 | ug/kg | U |
| di-n-Butylphthalate | 142 | ug/kg | U |
| di-n-octyl Phthalate | 284 | ug/kg | U |
| Dibenz[a,h]anthracene | 142 | ug/kg | U |
| Dibenzofuran | 142 | ug/kg | U |
| Diethylphthalate | 142 | ug/kg | U |
| Dimethylphthalate | 142 | ug/kg | U |
| Fluoranthene | 142 | ug/kg | U |
| Fluorene | 142 | ug/kg | U |
| Hexachlorobenzene | 142 | ug/kg | U |
| Hexachlorobutadiene | 142 | ug/kg | U |
| Hexachlorocyclopentadiene | 142 | ug/kg | U |
| Hexachloroethane | 142 | ug/kg | U |
| Hydrazine, 1,2-Diphenyl- | 142 | ug/kg | U |
| Indeno(1,2,3-cd)pyrene | 142 | ug/kg | U |
| m-Nitroaniline | 142 | ug/kg | U |
| n-Nitroso-di-n-Propylamine | 142 | ug/kg | U |
| n-Nitrosodimethylamine | 711 | ug/kg | U |
| n-Nitrosodiphenylamine | 142 | ug/kg | U |
| Naphthalene | 142 | ug/kg | U |
| Naphthalene, 2-methyl | 142 | ug/kg | U |
| Nitrobenzene | 142 | ug/kg | U |
| Pentachlorophenol | 1420 | ug/kg | U |
| Phenanthrene | 142 | ug/kg | U |
| Phenanthrene, 1-methyl-7-(1 | 142 | ug/kg | U |
| Phenol | 142 | ug/kg | U |
| Pyrene | 142 | ug/kg | U |
| Pyridine | 711 | ug/kg | U |

94464300 Reg sample

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 64 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 81 | %Rec | |
| 2-chlorophenol-d4 | 76 | %Rec | |
| d5-Phenol | 66 | %Rec | |
| Nitrobenzene-d5 | 74 | %Rec | |
| Phenol, 2-fluoro | 77 | %Rec | |
| Pyrene d10 | 44 | %Rec | |
| Terphenol-d14 | 43 | %Rec | |
| **Semi-volatiles - Tentatives** | | | |
| **Unknown 02** | **80.6** | **ug/kg** | **NJ** |
| **Volatiles** | | | |
| 1,1,1,2-Tetrachloroethane | 2.3 | ug/kg | U |
| 1,1,1-Trichloroethane | 2.3 | ug/kg | U |
| 1,1,2-Trichloroethane | 2.3 | ug/kg | U |
| 1,1-Dichloroethane | 2.3 | ug/kg | U |
| 1,1-Dichloropropene | 2.3 | ug/kg | U |
| 1,2,3-Trichloropropane | 2.3 | ug/kg | U |
| 1,2,4-Trichlorobenzene | 11.7 | ug/kg | UJ |
| 1,2-Dibromo-3-chloropropane | 2.3 | ug/kg | UJ |
| 1,2-Dibromoethane | 2.3 | ug/kg | U |
| 1,2-Dichlorobenzene | 2.3 | ug/kg | U |
| 1,2-Dichloroethane | 2.3 | ug/kg | U |
| 1,2-Dichloropropane | 2.3 | ug/kg | U |
| 1,3-Dichlorobenzene | 2.3 | ug/kg | UJ |
| 1,3-Dichloropropane | 2.3 | ug/kg | U |
| 1,4-Dichlorobenzene | 2.3 | ug/kg | UJ |
| 2,2-Dichloropropane | 2.3 | ug/kg | U |
| 2-Butanone | 23.4 | ug/kg | U |
| 2-Chlorotoluene | 2.3 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 2-Hexanone | 2.3 | ug/kg | UJ |
| 2-Propanone | 23.4 | ug/kg | U |
| 4-Chlorotoluene | 2.3 | ug/kg | UJ |
| 4-Methyl-2-Pentanone | 2.3 | ug/kg | UJ |
| Benzene | 2.3 | ug/kg | U |
| Benzene, (1-methylethyl) | 2.3 | ug/kg | U |
| Benzene, (1-methylpropyl) | 2.3 | ug/kg | U |
| Benzene, 1,2,3-trichloro | 11.7 | ug/kg | UJ |
| Benzene, 1,2,4-trimethyl | 2.3 | ug/kg | U |
| Benzene, 1,2-dimethyl | 2.3 | ug/kg | U |
| Benzene, 1,3,5-trimethyl | 2.3 | ug/kg | U |
| Benzene, 1-methyl-4-(1-meth | 2.3 | ug/kg | U |
| Benzene, chloro | 2.3 | ug/kg | U |
| Benzene, ethyl | 2.3 | ug/kg | U |
| Benzene, propyl | 2.3 | ug/kg | U |
| Bromobenzene | 2.3 | ug/kg | U |
| Bromochloromethane | 2.3 | ug/kg | U |
| Bromodichloromethane | 2.3 | ug/kg | U |

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## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Bromoform | 2.3 | ug/kg | U |
| Bromomethane | 2.3 | ug/kg | U |
| Butylbenzene | 2.3 | ug/kg | UJ |
| Carbon disulfide | 11.7 | ug/kg | U |
| Carbon Tetrachloride | 2.3 | ug/kg | U |
| Chloroethane | 2.3 | ug/kg | U |
| **Chloroform** | **7.0** | **ug/kg** | |
| Chloromethane | 2.3 | ug/kg | U |
| cis-1,2-Dichloroethene | 2.3 | ug/kg | U |
| Cis-1,3-Dichloropropene | 2.5 | ug/kg | U |
| Dibromochloromethane | 2.3 | ug/kg | U |
| Dibromomethane | 2.3 | ug/kg | U |
| Ethane, 1,1,2,2-tetrachl | 2.3 | ug/kg | U |
| Ethene, 1,1-dichloro | 2.3 | ug/kg | U |
| Ethene, tetrachloro | 2.3 | ug/kg | U |
| Hexachlorobutadiene | 11.7 | ug/kg | U |
| Methane, Dichlorodif | 2.3 | ug/kg | UJ |
| Methylene Chloride | 4.7 | ug/kg | U |
| MP-Xylene | 4.7 | ug/kg | U |
| Naphthalene | 23.4 | ug/kg | UJ |
| Styrene | 2.3 | ug/kg | U |
| tert-Butylbenzene | 2.3 | ug/kg | U |
| Toluene | 2.3 | ug/kg | U |
| Total Xylenes | 4.7 | ug/kg | U |
| trans-1,2-Dichloroethene | 2.3 | ug/kg | U |
| Trans-1,3-Dichloropropene | 2.2 | ug/kg | U |
| Trichloroethene | 2.3 | ug/kg | U |
| Trichlorofluoromethane | 2.3 | ug/kg | U |
| Vinyl Chloride | 2.3 | ug/kg | U |
| 1,2-Dichlorobenzene-d4 | 98 | %Rec | |
| 1,2-Dichloroethane-d4 | 111 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzene, fluoro | 101 | %Rec | |
| p-Bromofluorobenzene | 96 | %Rec | |
| Toluene-d8 | 103 | %Rec | |

94464300 Reg sample

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **Arsenic by AA, RAS** | | | |
| **Arsenic** | **16.5** | **mg/kg** | |
| **Lead by AA, RAS** | | | |
| **Lead** | **10.5** | **mg/kg** | |
| **Selenium by AA, RAS** | | | |
| Selenium | 0.20 | mg/kg | U |
| **Thallium by AA, RAS** | | | |
| Thallium | 0.50 | mg/kg | U |
| **All MERCURY tests** | | | |
| Mercury | 0.020 | mg/kg | U |
| **Metals, ICP RAS** | | | |
| **Aluminum** | **10200** | **mg/kg** | |
| Antimony | 4.0 | mg/kg | UN |
| **Barium** | **56.5** | **mg/kg** | |
| **Beryllium** | **0.529** | **mg/kg** | |
| Cadmium | 0.20 | mg/kg | U |
| **Calcium** | **21500** | **mg/kg** | |
| **Chromium** | **26.2** | **mg/kg** | |
| **Cobalt** | **13.4** | **mg/kg** | |
| **Copper** | **15.3** | **mg/kg** | |
| **Iron** | **20400** | **mg/kg** | |
| **Magnesium** | **9820** | **mg/kg** | |
| **Manganese** | **372** | **mg/kg** | |
| **Nickel** | **19.2** | **mg/kg** | |
| **Potassium** | **2430** | **mg/kg** | |
| Silver | 0.30 | mg/kg | U |
| **Sodium** | **112** | **mg/kg** | |
| **Vanadium** | **15.4** | **mg/kg** | |
| **Zinc** | **53.5** | **mg/kg** | |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94464300
**Type:** Duplicate
**Station Description:**

## MET

### Arsenic by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Arsenic** | **16.8** | **mg/kg** | |

### Lead by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Lead** | **10.5** | **mg/kg** | |

### Selenium by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Selenium | 0.20 | mg/kg | U |

### Thallium by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Thallium | 0.50 | mg/kg | U |

### All MERCURY tests

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Mercury | 0.020 | mg/kg | U |

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Aluminum** | **10500** | **mg/kg** | |
| Antimony | 4.0 | mg/kg | UN |
| **Barium** | **58.1** | **mg/kg** | |
| **Beryllium** | **0.507** | **mg/kg** | |
| Cadmium | 0.20 | mg/kg | U |
| **Calcium** | **20800** | **mg/kg** | |
| **Chromium** | **29.8** | **mg/kg** | |
| **Cobalt** | **14.2** | **mg/kg** | |
| **Copper** | **16.2** | **mg/kg** | |
| **Iron** | **20700** | **mg/kg** | |
| **Magnesium** | **9800** | **mg/kg** | |
| **Manganese** | **376** | **mg/kg** | |
| **Nickel** | **21.4** | **mg/kg** | |
| **Potassium** | **2560** | **mg/kg** | |
| Silver | 0.30 | mg/kg | U |
| **Sodium** | **119** | **mg/kg** | |
| **Vanadium** | **15.8** | **mg/kg** | |
| **Zinc** | **54.2** | **mg/kg** | |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

94464300 Duplicate

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94464300
**Type:** Matrix Spike
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 16 | ug/kg | U |
| PCB-1221 | 16 | ug/kg | U |
| PCB-1232 | 16 | ug/kg | U |
| PCB-1248 | 16 | ug/kg | U |
| PCB-1254 | 16 | ug/kg | U |
| Decachlorobiphenyl | 130 | %Rec | |
| PCB-1242 | 97 | %Rec | |
| PCB-1260 | 120 | %Rec | |
| Tetrachlorometaxylene | 110 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 103.92 | %Rec | |
| 1,2,4-Trichlorobenzene | 90.54 | %Rec | |
| 1,2-Dichlorobenzene | 87.95 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 88.57 | %Rec | |
| 1,3-Dichlorobenzene | 80.63 | %Rec | |
| 1,4-Dichlorobenzene | 85.36 | %Rec | |
| 2,4,5-Trichlorophenol | 80.32 | %Rec | |
| 2,4,6-Trichlorophenol | 82.23 | %Rec | |
| 2,4-Dichlorophenol | 90.69 | %Rec | |
| 2,4-Dimethylphenol | 104.89 | %Rec | |
| 2,4-Dinitrophenol | 43.20 | %Rec | J |
| 2,4-Dinitrotoluene | 72.65 | %Rec | |
| 2,6-Dinitrotoluene | 74.76 | %Rec | |
| 2-Chloronaphthalene | 89.84 | %Rec | |
| 2-Chlorophenol | 93.31 | %Rec | |
| 2-chlorophenol-d4 | 101.84 | %Rec | |
| 2-Cyclohexen-1-one, 3,5,5-t | 90.30 | %Rec | |
| 2-Methylphenol | 90.23 | %Rec | |
| 2-Nitroaniline | 74.22 | %Rec | |
| 2-Nitrophenol | 82.81 | %Rec | J |
| 4,6-Dinitro-2-methylphenol | 58.89 | %Rec | |
| 4-Bromophenyl-Phenylether | 93.68 | %Rec | |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 4-Chloro-3-methylphenol | 87.95 | %Rec | |
| 4-Chloroaniline | 60.23 | %Rec | |
| 4-Chlorophenyl-Phenylether | 90.78 | %Rec | |
| 4-Methylphenol | 91.82 | %Rec | |
| 4-Nitroaniline | 60.62 | %Rec | |
| 4-Nitrophenol | 74.37 | %Rec | |
| Acenaphthene | 94.88 | %Rec | |
| Acenaphthylene | 92.47 | %Rec | |
| Anthracene | 94.81 | %Rec | |
| Benz[e]acephenanthrylene | 92.14 | %Rec | |
| Benzo(a)anthracene | 95.59 | %Rec | |
| Benzo(a)pyrene | 91.70 | %Rec | |
| Benzo(g,h,i)perylene | 91.43 | %Rec | |
| Benzo[k]fluoranthene | 98.96 | %Rec | |
| Benzoic Acid | 48.57 | %Rec | J |
| Benzyl Alcohol | 89.59 | %Rec | |
| bis(2-Chloroethoxy)methane | 90.59 | %Rec | |
| bis(2-Chloroethyl)ether | 92.44 | %Rec | |
| bis(2-Chloroisopropyl)ether | 72.54 | %Rec | |
| Bis(2-ethylhexyl) phthalate | 84.43 | %Rec | |
| Butylbenzylphthalate | 83.37 | %Rec | |
| Chrysene | 96.21 | %Rec | |
| d5-Phenol | 97.71 | %Rec | |
| di-n-Butylphthalate | 88.72 | %Rec | |
| di-n-octyl Phthalate | 85.00 | %Rec | J |
| Dibenz[a,h]anthracene | 92.76 | %Rec | |
| Dibenzofuran | 90.78 | %Rec | |
| Diethylphthalate | 92.90 | %Rec | |
| Dimethylphthalate | 86.01 | %Rec | |
| Fluoranthene | 95.57 | %Rec | |
| Fluorene | 93.13 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Hexachlorobenzene | 96.14 | %Rec | |
| Hexachlorobutadiene | 92.84 | %Rec | |
| Hexachlorocyclopentadiene | 57.47 | %Rec | |
| Hexachloroethane | 76.07 | %Rec | |
| Indeno(1,2,3-cd)pyrene | 87.11 | %Rec | |
| m-Nitroaniline | 57.19 | %Rec | J |
| n-Nitroso-di-n-Propylamine | 93.19 | %Rec | |
| n-Nitrosodiphenylamine | 94.69 | %Rec | |
| Naphthalene | 95.71 | %Rec | |
| Naphthalene, 2-methyl | 91.09 | %Rec | |
| Nitrobenzene | 89.94 | %Rec | |
| Nitrobenzene-d5 | 94.76 | %Rec | |
| Pentachlorophenol | 70.75 | %Rec | |
| Phenanthrene | 95.09 | %Rec | |
| Phenol | 85.32 | %Rec | |
| Phenol, 2-fluoro | 99.69 | %Rec | |
| Pyrene | 91.87 | %Rec | |
| Pyrene d10 | 97.65 | %Rec | |
| Terphenol-d14 | 100.87 | %Rec | |

94464300 Matrix Spike

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Volatiles** | | | |
| 2-Butanone | NAR | | |
| 2-Propanone | NAR | | |
| Carbon disulfide | NAR | | |
| Chloroform | NAR | | |
| Methylene Chloride | NAR | | |
| 1,1,1,2-Tetrachloroethane | 101.37 | %Rec | |
| 1,1,1-Trichloroethane | 103.97 | %Rec | |
| 1,1,2-Trichloroethane | 110.87 | %Rec | |
| 1,1-Dichloroethane | 97.72 | %Rec | |
| 1,1-Dichloropropene | 92.05 | %Rec | |
| 1,2,3-Trichloropropane | 163.40 | %Rec | |
| 1,2,4-Trichlorobenzene | 48.74 | %Rec | |
| 1,2-Dibromo-3-chloropropane | 212.88 | %Rec | J |
| 1,2-Dibromoethane | 125.28 | %Rec | |
| 1,2-Dichlorobenzene | 76.57 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 107.56 | %Rec | |
| 1,2-Dichloroethane | 114.43 | %Rec | |
| 1,2-DICHLOROETHANE-D4 | 118.24 | %Rec | |
| 1,2-Dichloropropane | 96.24 | %Rec | |
| 1,3-Dichlorobenzene | 59.36 | %Rec | |
| 1,3-Dichloropropane | 113.25 | %Rec | |
| 1,4-Dichlorobenzene | 59.80 | %Rec | |
| 2,2-Dichloropropane | 109.12 | %Rec | |
| 2-Chlorotoluene | 78.41 | %Rec | |
| 2-Hexanone | 146.74 | %Rec | J |
| 4-Chlorotoluene | 51.85 | %Rec | |
| 4-Methyl-2-Pentanone | 219.84 | %Rec | J |
| Benzene | 86.59 | %Rec | |
| Benzene, (1-methylethyl) | 89.32 | %Rec | |
| Benzene, (1-methylpropyl) | 90.99 | %Rec | |
| Benzene, 1,2,3-trichloro | 66.49 | %Rec | |
| Benzene, 1,2,4-trimethyl | 77.72 | %Rec | |
| Benzene, 1,2-dimethyl | 84.85 | %Rec | |
| Benzene, 1,3,5-trimethyl | 77.00 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 76.72 | %Rec | |
| Benzene, chloro | 84.19 | %Rec | |
| Benzene, ethyl | 81.76 | %Rec | |
| Benzene, fluoro | 99.89 | %Rec | |
| Benzene, propyl | 79.84 | %Rec | |
| Bromobenzene | 79.98 | %Rec | |
| Bromochloromethane | 119.92 | %Rec | |
| Bromodichloromethane | 104.65 | %Rec | |
| Bromoform | 153.18 | %Rec | J |
| Bromomethane | 128.00 | %Rec | J |
| Butylbenzene | 64.22 | %Rec | |
| Carbon Tetrachloride | 100.24 | %Rec | |
| Chloroethane | 82.49 | %Rec | |
| Chloromethane | 107.96 | %Rec | |
| cis-1,2-Dichloroethene | 92.84 | %Rec | |
| Cis-1,3-Dichloropropene | 94.35 | %Rec | |
| Dibromochloromethane | 112.00 | %Rec | |
| Dibromomethane | 132.81 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 168.95 | %Rec | |
| Ethene, 1,1-dichloro | 105.89 | %Rec | |
| Ethene, tetrachloro | 79.24 | %Rec | |
| Hexachlorobutadiene | 83.79 | %Rec | |
| Methane, Dichlorodif | 83.28 | %Rec | J |
| MP-Xylene | 80.05 | %Rec | |

94464300 Matrix Spike

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Naphthalene | 112.40 | %Rec | |
| p-Bromofluorobenzene | 102.75 | %Rec | |
| Styrene | 73.63 | %Rec | |
| tert-Butylbenzene | 101.81 | %Rec | |
| Toluene | 79.72 | %Rec | |
| Toluene-d8 | 95.06 | %Rec | |
| Total Xylenes | 81.70 | %Rec | |
| trans-1,2-Dichloroethene | 103.92 | %Rec | |
| Trans-1,3-Dichloropropene | 100.06 | %Rec | |
| Trichloroethene | 85.88 | %Rec | |
| Trichlorofluoromethane | 130.83 | %Rec | |
| Vinyl Chloride | 113.55 | %Rec | |

## MET

### Arsenic by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 129 | %Rec | |

### Lead by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Lead | 97 | %Rec | |

### Selenium by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Selenium | 87 | %Rec | |

### Thallium by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Thallium | 91 | %Rec | |

### All MERCURY tests

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Mercury | 100 | %Rec | |

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | NA | %Rec | |
| Antimony | 0 | %Rec | |
| Barium | 100 | %Rec | |
| Beryllium | 104 | %Rec | |

94464300 Matrix Spike

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Cadmium | 113 | %Rec | |
| Calcium | NA | %Rec | |
| Chromium | 97 | %Rec | |
| Cobalt | 102 | %Rec | |
| Copper | 102 | %Rec | |
| Iron | NA | %Rec | |
| Magnesium | NA | %Rec | |
| Manganese | 98 | %Rec | |
| Nickel | 102 | %Rec | |
| Potassium | NA | %Rec | |
| Silver | 102 | %Rec | |
| Sodium | NA | %Rec | |
| Vanadium | 103 | %Rec | |
| Zinc | 104 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** 94464300
**Type:** Matrix Spike Dupl
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 14 | ug/kg | U |
| PCB-1221 | 14 | ug/kg | U |
| PCB-1232 | 14 | ug/kg | U |
| PCB-1248 | 14 | ug/kg | U |
| PCB-1254 | 14 | ug/kg | U |
| Decachlorobiphenyl | 30 | %Rec | |
| PCB-1242 | 77 | %Rec | |
| PCB-1260 | 37 | %Rec | |
| Tetrachlorometaxylene | 61 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 118.88 | %Rec | |
| 1,2,4-Trichlorobenzene | 97.19 | %Rec | |
| 1,2-Dichlorobenzene | 96.16 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 100.32 | %Rec | |
| 1,3-Dichlorobenzene | 88.93 | %Rec | |
| 1,4-Dichlorobenzene | 96.82 | %Rec | |
| 2,4,5-Trichlorophenol | 99.43 | %Rec | |
| 2,4,6-Trichlorophenol | 94.41 | %Rec | |
| 2,4-Dichlorophenol | 99.88 | %Rec | |
| 2,4-Dimethylphenol | 113.91 | %Rec | |
| 2,4-Dinitrophenol | 53.80 | %Rec | J |
| 2,4-Dinitrotoluene | 81.95 | %Rec | |
| 2,6-Dinitrotoluene | 85.29 | %Rec | |
| 2-Chloronaphthalene | 98.88 | %Rec | |
| 2-Chlorophenol | 102.21 | %Rec | |
| 2-chlorophenol-d4 | 120.90 | %Rec | |
| 2-Cyclohexen-1-one, 3,5,5-t | 100.28 | %Rec | |
| 2-Methylphenol | 101.50 | %Rec | |
| 2-Nitroaniline | 79.04 | %Rec | |
| 2-Nitrophenol | 88.39 | %Rec | J |
| 4,6-Dinitro-2-methylphenol | 67.88 | %Rec | |
| 4-Bromophenyl-Phenylether | 103.46 | %Rec | |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 4-Chloro-3-methylphenol | 100.09 | %Rec | |
| 4-Chloroaniline | 61.71 | %Rec | |
| 4-Chlorophenyl-Phenylether | 102.89 | %Rec | |
| 4-Methylphenol | 103.99 | %Rec | |
| 4-Nitroaniline | 66.52 | %Rec | |
| 4-Nitrophenol | 78.42 | %Rec | |
| Acenaphthene | 110.72 | %Rec | |
| Acenaphthylene | 102.91 | %Rec | |
| Anthracene | 109.52 | %Rec | |
| Benz[e]acephenanthrylene | 100.33 | %Rec | |
| Benzo(a)anthracene | 109.10 | %Rec | |
| Benzo(a)pyrene | 100.25 | %Rec | |
| Benzo(g,h,i)perylene | 99.12 | %Rec | |
| Benzo[k]fluoranthene | 106.00 | %Rec | |
| Benzoic Acid | 52.77 | %Rec | J |
| Benzyl Alcohol | 107.16 | %Rec | |
| bis(2-Chloroethoxy)methane | 99.60 | %Rec | |
| bis(2-Chloroethyl)ether | 102.07 | %Rec | |
| bis(2-Chloroisopropyl)ether | 100.59 | %Rec | |
| Bis(2-ethylhexyl) phthalate | 105.67 | %Rec | |
| Butylbenzylphthalate | 98.32 | %Rec | |
| Chrysene | 109.64 | %Rec | |
| d5-Phenol | 116.95 | %Rec | |
| di-n-Butylphthalate | 119.18 | %Rec | |
| di-n-octyl Phthalate | 96.46 | %Rec | J |
| Dibenz[a,h]anthracene | 100.56 | %Rec | |
| Dibenzofuran | 100.54 | %Rec | |
| Diethylphthalate | 102.38 | %Rec | |
| Dimethylphthalate | 96.09 | %Rec | |
| Fluoranthene | 107.47 | %Rec | |
| Fluorene | 104.41 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Hexachlorobenzene | 103.03 | %Rec | |
| Hexachlorobutadiene | 99.16 | %Rec | |
| Hexachlorocyclopentadiene | 54.89 | %Rec | |
| Hexachloroethane | 86.73 | %Rec | |
| Indeno(1,2,3-cd)pyrene | 97.57 | %Rec | |
| m-Nitroaniline | 61.64 | %Rec | J |
| n-Nitroso-di-n-Propylamine | 101.04 | %Rec | |
| n-Nitrosodiphenylamine | 104.07 | %Rec | |
| Naphthalene | 105.13 | %Rec | |
| Naphthalene, 2-methyl | 103.92 | %Rec | |
| Nitrobenzene | 92.82 | %Rec | |
| Nitrobenzene-d5 | 104.33 | %Rec | |
| Pentachlorophenol | 78.37 | %Rec | |
| Phenanthrene | 107.53 | %Rec | |
| Phenol | 95.04 | %Rec | |
| Phenol, 2-fluoro | 113.91 | %Rec | |
| Pyrene | 104.08 | %Rec | |
| Pyrene d10 | 115.03 | %Rec | |
| Terphenol-d14 | 118.00 | %Rec | |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Volatiles** | | | |
| 2-Butanone | NAR | | |
| 2-Propanone | NAR | | |
| Carbon disulfide | NAR | | |
| Chloroform | NAR | | |
| Methylene Chloride | NAR | | |
| 1,1,1,2-Tetrachloroethane | 78.75 | %Rec | |
| 1,1,1-Trichloroethane | 89.87 | %Rec | |
| 1,1,2-Trichloroethane | 100.19 | %Rec | |
| 1,1-Dichloroethane | 87.67 | %Rec | |
| 1,1-Dichloropropene | 77.50 | %Rec | |
| 1,2,3-Trichloropropane | 147.18 | %Rec | |
| 1,2,4-Trichlorobenzene | 53.48 | %Rec | |
| 1,2-Dibromo-3-chloropropane | 175.30 | %Rec | J |
| 1,2-Dibromoethane | 104.16 | %Rec | |
| 1,2-Dichlorobenzene | 51.51 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 103.37 | %Rec | |
| 1,2-Dichloroethane | 103.18 | %Rec | |
| 1,2-DICHLOROETHANE-D4 | 112.09 | %Rec | |
| 1,2-Dichloropropane | 83.10 | %Rec | |
| 1,3-Dichlorobenzene | 45.05 | %Rec | |
| 1,3-Dichloropropane | 97.97 | %Rec | |
| 1,4-Dichlorobenzene | 49.03 | %Rec | |
| 2,2-Dichloropropane | 90.47 | %Rec | |
| 2-Chlorotoluene | 60.05 | %Rec | |
| 2-Hexanone | 107.26 | %Rec | J |
| 4-Chlorotoluene | 45.13 | %Rec | |
| 4-Methyl-2-Pentanone | 199.50 | %Rec | J |
| Benzene | 78.45 | %Rec | |
| Benzene, (1-methylethyl) | 64.02 | %Rec | |
| Benzene, (1-methylpropyl) | 67.12 | %Rec | |
| Benzene, 1,2,3-trichloro | 54.84 | %Rec | |
| Benzene, 1,2,4-trimethyl | 56.92 | %Rec | |
| Benzene, 1,2-dimethyl | 60.84 | %Rec | |
| Benzene, 1,3,5-trimethyl | 54.48 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 52.02 | %Rec | |
| Benzene, chloro | 65.78 | %Rec | |
| Benzene, ethyl | 62.44 | %Rec | |
| Benzene, fluoro | 99.13 | %Rec | |
| Benzene, propyl | 59.39 | %Rec | |
| Bromobenzene | 63.57 | %Rec | |
| Bromochloromethane | 102.31 | %Rec | |
| Bromodichloromethane | 92.27 | %Rec | |
| Bromoform | 113.63 | %Rec | J |
| Bromomethane | 103.59 | %Rec | J |
| Butylbenzene | 47.49 | %Rec | |
| Carbon Tetrachloride | 86.55 | %Rec | |
| Chloroethane | 73.44 | %Rec | |
| Chloromethane | 88.47 | %Rec | J |
| cis-1,2-Dichloroethene | 85.05 | %Rec | |
| Cis-1,3-Dichloropropene | 78.64 | %Rec | |
| Dibromochloromethane | 97.85 | %Rec | |
| Dibromomethane | 116.77 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 141.31 | %Rec | |
| Ethene, 1,1-dichloro | 87.83 | %Rec | |
| Ethene, tetrachloro | 60.69 | %Rec | |
| Hexachlorobutadiene | 62.54 | %Rec | |
| Methane, Dichlorodif | 70.32 | %Rec | J |
| MP-Xylene | 58.05 | %Rec | |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|
| Naphthalene | 117.97 | %Rec | | | | | |
| p-Bromofluorobenzene | 101.02 | %Rec | | | | | |
| Styrene | 55.84 | %Rec | | | | | |
| tert-Butylbenzene | 69.26 | %Rec | | | | | |
| Toluene | 67.89 | %Rec | | | | | |
| Toluene-d8 | 93.36 | %Rec | | | | | |
| Total Xylenes | 59.00 | %Rec | | | | | |
| trans-1,2-Dichloroethene | 85.29 | %Rec | | | | | |
| Trans-1,3-Dichloropropene | 83.82 | %Rec | | | | | |
| Trichloroethene | 73.05 | %Rec | | | | | |
| Trichlorofluoromethane | 107.14 | %Rec | | | | | |
| Vinyl Chloride | 93.72 | %Rec | | | | | |

## MET

### Arsenic by AA, RAS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Arsenic | 123 | %Rec | | | | | |

### Lead by AA, RAS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Lead | 97 | %Rec | | | | | |

### Selenium by AA, RAS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Selenium | 88 | %Rec | | | | | |

### Thallium by AA, RAS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Thallium | 91 | %Rec | | | | | |

### All MERCURY tests

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mercury | 102 | %Rec | | | | | |

### Metals, ICP RAS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aluminum | NA | %Rec | | Barium | 102 | %Rec | |
| Antimony | 5 | %Rec | | Beryllium | 105 | %Rec | |

# Manchester Environmental Laboratory

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Cadmium | 111 | %Rec | |
| Calcium | NA | %Rec | |
| Chromium | 90 | %Rec | |
| Cobalt | 102 | %Rec | |
| Copper | 107 | %Rec | |
| Iron | NA | %Rec | |
| Magnesium | NA | %Rec | |
| Manganese | 98 | %Rec | |
| Nickel | 99 | %Rec | |
| Potassium | NA | %Rec | |
| Silver | 100 | %Rec | |
| Sodium | NA | %Rec | |
| Vanadium | 104 | %Rec | |
| Zinc | 102 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/17/94
**Matrix:** Liquid-Diss.
**Sample Number:** 94464301
**Type:** Reg sample
**Station Description:** MW-1

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 0.038 | ug/L | U |
| PCB-1221 | 0.038 | ug/L | U |
| PCB-1232 | 0.038 | ug/L | U |
| PCB-1242 | 0.038 | ug/L | U |
| PCB-1248 | 0.038 | ug/L | U |
| PCB-1254 | 0.038 | ug/L | U |
| PCB-1260 | 0.040 | ug/L | U |
| Decachlorobiphenyl | 96 | %Rec | |
| Tetrachlorometaxylene | 43 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzoic Acid | REJ | | |
| 1,2,4-Trichlorobenzene | 0.32 | ug/L | U |
| 1,2-Dichlorobenzene | 0.32 | ug/L | U |
| 1,3-Dichlorobenzene | 0.32 | ug/L | U |
| 1,4-Dichlorobenzene | 0.32 | ug/L | U |
| 2,4,5-Trichlorophenol | 0.32 | ug/L | U |
| 2,4,6-Trichlorophenol | 0.32 | ug/L | U |
| 2,4-Dichlorophenol | 0.32 | ug/L | U |
| 2,4-Dimethylphenol | 0.32 | ug/L | U |
| 2,4-Dinitrophenol | 12.8 | ug/L | U |
| 2,4-Dinitrotoluene | 1.6 | ug/L | U |
| 2,6-Dinitrotoluene | 1.6 | ug/L | U |
| 2-Chloronaphthalene | 0.32 | ug/L | U |
| 2-Chlorophenol | 0.32 | ug/L | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 0.32 | ug/L | U |
| 2-Methylphenol | 0.32 | ug/L | U |
| 2-Nitroaniline | 1.6 | ug/L | U |
| 2-Nitrophenol | 0.32 | ug/L | U |
| 3,3'-Dichlorobenzidine | 0.64 | ug/L | U |
| 3B-Coprostanol | 25.6 | ug/L | U |
| 4,6-Dinitro-2-methylphenol | 12.8 | ug/L | U |
| 4-Bromophenyl-Phenylether | 0.32 | ug/L | U |

# Manchester Environmental Laboratory

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 4-Chloro-3-methylphenol | 0.32 | ug/L | U |
| 4-Chloroaniline | 0.32 | ug/L | U |
| 4-Chlorophenyl-Phenylether | 0.32 | ug/L | U |
| 4-Methylphenol | 0.32 | ug/L | U |
| 4-Nitrophenol | 3.2 | ug/L | U |
| Acenaphthene | 0.32 | ug/L | U |
| Acenaphthylene | 0.32 | ug/L | U |
| Aniline | 0.32 | ug/L | U |
| Anthracene | 0.32 | ug/L | U |
| Benz[e]acephenanthrylene | 0.32 | ug/L | U |
| Benzidine | 0.64 | ug/L | U |
| Benzo(a)anthracene | 0.32 | ug/L | U |
| Benzo(a)pyrene | 0.32 | ug/L | U |
| Benzo(g,h,i)perylene | 0.32 | ug/L | U |
| Benzo[k]fluoranthene | 0.32 | ug/L | U |
| Benzyl Alcohol | 0.32 | ug/L | U |
| bis(2-Chloroethoxy)methane | 0.32 | ug/L | U |
| bis(2-Chloroethyl)ether | 0.32 | ug/L | U |
| bis(2-Chloroisopropyl)ether | 0.32 | ug/L | U |
| Bis(2-ethylhexyl) phthalate | 0.32 | ug/L | U |
| Butylbenzylphthalate | 0.32 | ug/L | U |
| CAFFEINE | 0.32 | ug/L | U |
| Carbazole | 0.32 | ug/L | U |
| Chrysene | 0.32 | ug/L | U |
| di-n-Butylphthalate | 0.32 | ug/L | U |
| di-n-octyl Phthalate | 0.64 | ug/L | U |
| Dibenz[a,h]anthracene | 0.32 | ug/L | U |
| Dibenzofuran | 0.32 | ug/L | U |
| Diethylphthalate | 0.32 | ug/L | U |
| Dimethylphthalate | 0.32 | ug/L | U |
| Fluoranthene | 0.32 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Fluorene | 0.32 | ug/L | U |
| Hexachlorobenzene | 0.32 | ug/L | U |
| Hexachlorobutadiene | 0.32 | ug/L | U |
| Hexachlorocyclopentadiene | 0.32 | ug/L | UJ |
| Hexachloroethane | 0.32 | ug/L | U |
| Hydrazine, 1,2-Diphenyl- | 0.32 | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 0.32 | ug/L | U |
| m-Nitroaniline | 0.32 | ug/L | U |
| n-Nitroso-di-n-Propylamine | 0.32 | ug/L | U |
| n-Nitrosodimethylamine | 1.6 | ug/L | U |
| n-Nitrosodiphenylamine | 0.32 | ug/L | U |
| Naphthalene | 0.32 | ug/L | U |
| Naphthalene, 2-methyl | 0.32 | ug/L | U |
| Nitrobenzene | 0.32 | ug/L | U |
| Pentachlorophenol | 3.2 | ug/L | U |
| Phenanthrene | 0.32 | ug/L | U |
| Phenanthrene, 1-methyl-7-(1 | 0.32 | ug/L | U |
| Phenol | 0.32 | ug/L | U |
| Pyrene | 0.32 | ug/L | U |
| Pyridine | 1.6 | ug/L | U |
| 1,1'-Biphenyl, 2-fluoro | 39 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 38 | %Rec | |
| 2-chlorophenol-d4 | 74 | %Rec | |
| d5-Phenol | 43 | %Rec | |
| Nitrobenzene-d5 | 70 | %Rec | |
| Phenol, 2-fluoro | 56 | %Rec | |
| Pyrene d10 | 88 | %Rec | |
| Terphenol-d14 | 90 | %Rec | |

94464301 Reg sample

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles - Tentatives** | | | |
| **1-Hexanol, 2-ethyl** | **0.18** | **ug/L** | **NJ** |
| **Benzene, 1,3-dimethyl** | **0.23** | **ug/L** | **NJ** |
| **Benzene, ethyl** | **0.17** | **ug/L** | **NJ** |
| **Ethanone, 1-phenyl** | **0.37** | **ug/L** | **NJ** |
| **Phenol, 2,6-bis(1,1-dime** | **0.23** | **ug/L** | **NJ** |
| **Unknown 01** | **0.27** | **ug/L** | **NJ** |
| **Unknown 02** | **0.21** | **ug/L** | **NJ** |
| **unknown hydrocarbon** | **0.17** | **ug/L** | **NJ** |
| **unknown hydrocarbon** | **0.21** | **ug/L** | **NJ** |
| **unknown hydrocarbon** | **0.17** | **ug/L** | **NJ** |
| **Volatiles** | | | |
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| **1,1,1-Trichloroethane** | **5.9** | **ug/L** | |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dibromo-3-chloropropane | 1.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| **1,2-Dichloroethane** | **0.27** | **ug/L** | **J** |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| 2-Butanone | 1.0 | ug/L | U |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| 2-Propanone | 1.0 | ug/L | U |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 1.0 | ug/L | U |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| **Benzene, 1,2-dimethyl** | **0.13** | **ug/L** | **J** |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| **Bromomethane** | **20** | **ug/L** | |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| **Ethene, 1,1-dichloro** | **3.6** | **ug/L** | |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 1.0 | ug/L | U |
| Methane, Dichlorodif | 1.0 | ug/L | U |
| Methylene Chloride | 2.0 | ug/L | U |
| **MP-Xylene** | **0.36** | **ug/L** | **J** |
| Naphthalene | 1.0 | ug/L | U |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| **Toluene** | **0.40** | **ug/L** | **J** |
| **Total Xylenes** | **0.50** | **ug/L** | **J** |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| **Trichloroethene** | **0.93** | **ug/L** | **J** |
| Trichlorofluoromethane | 1.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2-Dichlorobenzene-d4 | 97 | %Rec | |
| 1,2-Dichloroethane-d4 | 101 | %Rec | |
| Benzene, fluoro | 100 | %Rec | |
| p-Bromofluorobenzene | 94 | %Rec | |
| Toluene-d8 | 102 | %Rec | |

94464301 Reg sample

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Volatiles - Tentatives** | | | |
| **Unknown 01** | **0.24** | **ug/L** | **JN** |
| **MET** | | | |
| **Arsenic by AA, RAS** | | | |
| **Arsenic** | **3.1** | **ug/L** | **P** |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |
| **Metals, ICP RAS** | | | |
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| **Barium** | **25.7** | **ug/L** | |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **36600** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| Iron | 10 | ug/L | U |
| **Magnesium** | **15100** | **ug/L** | |
| **Manganese** | **1.8** | **ug/L** | **P** |
| Nickel | 10 | ug/L | U |
| **Potassium** | **1600** | **ug/L** | **P** |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **3290** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |
| **Metals, ICP/MS** | | | |

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| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Lead | 0.50 | ug/L | U |
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Final Report

| | | | |
|---|---|---|---|
| **Project Code:** | TEC-637A | **Collected:** | |
| **Project Name:** | SPOKANE JUNKYARD | **Matrix:** | Liquid-Diss. |
| **Project Officer:** | KEVIN ROCHLIN | **Sample Number:** | 94464301 |
| **Account Code:** | 955T10PTFA10A5U | **Type:** | Duplicate |
| | | **Station Description:** | |

## MET

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Arsenic by AA, RAS** | | | |
| **Arsenic** | **3.0** | **ug/L** | **P** |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |
| **Metals, ICP RAS** | | | |
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| **Barium** | **26.1** | **ug/L** | |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **36100** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| Iron | 10 | ug/L | U |
| **Magnesium** | **15200** | **ug/L** | |
| **Manganese** | **2.1** | **ug/L** | **P** |
| Nickel | 10 | ug/L | U |
| **Potassium** | **1400** | **ug/L** | **P** |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **3350** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

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## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Metals, ICP/MS** | | | |
| Lead | 0.50 | ug/L | U |
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Diss.
**Sample Number:** 94464301
**Type:** Matrix Spike
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 0.083 | ug/L | U |
| PCB-1221 | 0.083 | ug/L | U |
| PCB-1232 | 0.083 | ug/L | U |
| PCB-1248 | 0.083 | ug/L | U |
| PCB-1254 | 0.083 | ug/L | U |
| Decachlorobiphenyl | 84 | %Rec | |
| PCB-1242 | 88 | %Rec | |
| PCB-1260 | 120 | %Rec | |
| Tetrachlorometaxylene | 26 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 41.50 | %Rec | |
| 1,2,4-Trichlorobenzene | 67.38 | %Rec | |
| 1,2-Dichlorobenzene | 68.56 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 48.80 | %Rec | |
| 1,3-Dichlorobenzene | 67.00 | %Rec | |
| 1,4-Dichlorobenzene | 70.25 | %Rec | |
| 2,4,5-Trichlorophenol | 92.01 | %Rec | |
| 2,4,6-Trichlorophenol | 90.30 | %Rec | |
| 2,4-Dichlorophenol | 90.64 | %Rec | |
| 2,4-Dimethylphenol | 79.91 | %Rec | |
| 2,4-Dinitrophenol | 112.60 | %Rec | J |
| 2,4-Dinitrotoluene | 94.20 | %Rec | |
| 2,6-Dinitrotoluene | 99.35 | %Rec | |
| 2-Chloronaphthalene | 77.96 | %Rec | |
| 2-Chlorophenol | 86.85 | %Rec | |
| 2-chlorophenol-d4 | 85.58 | %Rec | |
| 2-Cyclohexen-1-one, 3,5,5-t | 92.15 | %Rec | |
| 2-Methylphenol | 86.35 | %Rec | |
| 2-Nitroaniline | 94.18 | %Rec | |
| 2-Nitrophenol | 90.32 | %Rec | J |
| 4,6-Dinitro-2-methylphenol | 107.90 | %Rec | |
| 4-Bromophenyl-Phenylether | 90.60 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 4-Chloro-3-methylphenol | 91.69 | %Rec | |
| 4-Chloroaniline | 88.35 | %Rec | |
| 4-Chlorophenyl-Phenylether | 88.39 | %Rec | |
| 4-Methylphenol | 82.08 | %Rec | |
| 4-Nitroaniline | 95.25 | %Rec | |
| 4-Nitrophenol | 65.80 | %Rec | |
| Acenaphthene | 87.48 | %Rec | |
| Acenaphthylene | 85.32 | %Rec | |
| Anthracene | 95.27 | %Rec | |
| Benz[e]acephenanthrylene | 94.53 | %Rec | |
| Benzo(a)anthracene | 99.00 | %Rec | |
| Benzo(a)pyrene | 91.28 | %Rec | |
| Benzo(g,h,i)perylene | 94.12 | %Rec | |
| Benzo[k]fluoranthene | 91.12 | %Rec | |
| Benzoic Acid | 3.59 | %Rec | J |
| Benzyl Alcohol | 87.00 | %Rec | |
| bis(2-Chloroethoxy)methane | 87.03 | %Rec | |
| bis(2-Chloroethyl)ether | 86.90 | %Rec | |
| bis(2-Chloroisopropyl)ether | 80.98 | %Rec | |
| Bis(2-ethylhexyl) phthalate | 91.41 | %Rec | |
| Butylbenzylphthalate | 90.86 | %Rec | |
| Chrysene | 95.96 | %Rec | |
| d5-Phenol | 71.42 | %Rec | |
| di-n-Butylphthalate | 92.85 | %Rec | |
| di-n-octyl Phthalate | 87.91 | %Rec | J |
| Dibenz[a,h]anthracene | 94.65 | %Rec | |
| Dibenzofuran | 91.37 | %Rec | |
| Diethylphthalate | 97.32 | %Rec | |
| Dimethylphthalate | 95.43 | %Rec | |
| Fluoranthene | 95.67 | %Rec | |
| Fluorene | 91.56 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Hexachlorobenzene | 93.71 | %Rec | |
| Hexachlorobutadiene | 67.70 | %Rec | |
| Hexachlorocyclopentadiene | 14.93 | %Rec | |
| Hexachloroethane | 63.55 | %Rec | |
| Indeno(1,2,3-cd)pyrene | 95.85 | %Rec | |
| m-Nitroaniline | 92.33 | %Rec | J |
| n-Nitroso-di-n-Propylamine | 86.68 | %Rec | |
| n-Nitrosodiphenylamine | 85.72 | %Rec | |
| Naphthalene | 73.94 | %Rec | |
| Naphthalene, 2-methyl | 86.54 | %Rec | |
| Nitrobenzene | 88.21 | %Rec | |
| Nitrobenzene-d5 | 85.34 | %Rec | |
| Pentachlorophenol | 97.94 | %Rec | |
| Phenanthrene | 93.28 | %Rec | |
| Phenol | 76.96 | %Rec | |
| Phenol, 2-fluoro | 80.32 | %Rec | |
| Pyrene | 94.29 | %Rec | |
| Pyrene d10 | 89.83 | %Rec | |
| Terphenol-d14 | 89.13 | %Rec | |

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## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Volatiles** | | | |
| 1,1,1-Trichloroethane | NAR | | |
| Ethene, 1,1-dichloro | NAR | | |
| Trichloroethene | NAR | | |
| 1,1,1,2-Tetrachloroethane | 95.51 | %Rec | |
| 1,1,2-Trichloroethane | 105.27 | %Rec | |
| 1,1-Dichloroethane | 105.02 | %Rec | |
| 1,1-Dichloropropene | 107.21 | %Rec | |
| 1,2,3-Trichloropropane | 110.34 | %Rec | |
| 1,2,4-Trichlorobenzene | 90.10 | %Rec | |
| 1,2-Dibromo-3-chloropropane | 96.14 | %Rec | |
| 1,2-Dibromoethane | 101.21 | %Rec | |
| 1,2-Dichlorobenzene | 99.68 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 102.61 | %Rec | |
| 1,2-Dichloroethane | 106.22 | %Rec | |
| 1,2-Dichloroethane-d4 | 108.43 | %Rec | |
| 1,2-Dichloropropane | 114.23 | %Rec | |
| 1,3-Dichlorobenzene | 97.15 | %Rec | |
| 1,3-Dichloropropane | 104.43 | %Rec | |
| 1,4-Dichlorobenzene | 98.92 | %Rec | |
| 2,2-Dichloropropane | 99.22 | %Rec | |
| 2-Butanone | 100.57 | %Rec | |
| 2-Chlorotoluene | 101.76 | %Rec | |
| 2-Hexanone | 109.01 | %Rec | |
| 2-Propanone | 118.59 | %Rec | |
| 4-Chlorotoluene | 105.29 | %Rec | |
| 4-Methyl-2-Pentanone | 118.70 | %Rec | |
| Benzene | 107.57 | %Rec | |
| Benzene, (1-methylethyl) | 106.64 | %Rec | |
| Benzene, (1-methylpropyl) | 103.03 | %Rec | |
| Benzene, 1,2,3-trichloro | 93.71 | %Rec | |
| Benzene, 1,2,4-trimethyl | 96.49 | %Rec | |
| Benzene, 1,2-dimethyl | 99.25 | %Rec | |
| Benzene, 1,3,5-trimethyl | 102.65 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 97.40 | %Rec | |
| Benzene, chloro | 102.86 | %Rec | |
| Benzene, ethyl | 103.67 | %Rec | |
| Benzene, fluoro | 101.58 | %Rec | |
| Benzene, propyl | 97.72 | %Rec | |
| Bromobenzene | 101.64 | %Rec | |
| Bromochloromethane | 91.92 | %Rec | |
| Bromodichloromethane | 105.90 | %Rec | |
| Bromoform | 96.08 | %Rec | |
| Butylbenzene | 101.58 | %Rec | |
| Carbon disulfide | 94.50 | %Rec | |
| Carbon Tetrachloride | 102.15 | %Rec | |
| Chloroethane | 86.52 | %Rec | |
| Chloroform | 103.48 | %Rec | |
| Chloromethane | 96.79 | %Rec | |
| cis-1,2-Dichloroethene | 103.23 | %Rec | |
| Cis-1,3-Dichloropropene | 100.12 | %Rec | |
| Dibromochloromethane | 93.94 | %Rec | |
| Dibromomethane | 104.44 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 98.48 | %Rec | |
| Ethene, tetrachloro | 101.36 | %Rec | |
| Hexachlorobutadiene | 101.33 | %Rec | |
| Methane, Dichlorodif | 106.13 | %Rec | |
| Methylene Chloride | 96.61 | %Rec | |
| MP-Xylene | 94.73 | %Rec | |

94464301 Matrix Spike

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Naphthalene | 81.14 | %Rec | |
| p-Bromofluorobenzene | 97.39 | %Rec | |
| Styrene | 96.58 | %Rec | |
| tert-Butylbenzene | 102.25 | %Rec | |
| Toluene | 97.95 | %Rec | |
| Toluene-d8 | 105.23 | %Rec | |
| Total Xylenes | 96.25 | %Rec | |
| trans-1,2-Dichloroethene | 93.51 | %Rec | |
| Trans-1,3-Dichloropropene | 101.64 | %Rec | |
| Trichlorofluoromethane | 86.00 | %Rec | |
| Vinyl Chloride | 102.25 | %Rec | |

## MET

### Arsenic by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 90 | %Rec | |

### All MERCURY tests

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Mercury | 107 | %Rec | |

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 108 | %Rec | |
| Antimony | 107 | %Rec | |
| Barium | 106 | %Rec | |
| Beryllium | 107 | %Rec | |
| Cadmium | 109 | %Rec | |
| Calcium | NA | %Rec | |
| Chromium | 100 | %Rec | |
| Cobalt | 103 | %Rec | |
| Copper | 107 | %Rec | |
| Iron | 104 | %Rec | |
| Magnesium | NA | %Rec | |
| Manganese | 102 | %Rec | |
| Nickel | 103 | %Rec | |
| Potassium | NA | %Rec | |
| Silver | 102 | %Rec | |
| Sodium | NA | %Rec | |
| Vanadium | 107 | %Rec | |
| Zinc | 108 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Metals, ICP/MS** | | | |
| Lead | 99 | %Rec | |
| Selenium | 116 | %Rec | |
| Thallium | 104 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Diss.
**Sample Number:** 94464301
**Type:** Matrix Spike Dupl
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 0.083 | ug/L | U |
| PCB-1221 | 0.083 | ug/L | U |
| PCB-1232 | 0.083 | ug/L | U |
| PCB-1248 | 0.083 | ug/L | U |
| PCB-1254 | 0.083 | ug/L | U |
| Decachlorobiphenyl | 86 | %Rec | |
| PCB-1242 | 98 | %Rec | |
| PCB-1260 | 90 | %Rec | |
| Tetrachlorometaxylene | 25 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1'-Biphenyl, 2-fluoro | 38.72 | %Rec | |
| 1,2,4-Trichlorobenzene | 71.38 | %Rec | |
| 1,2-Dichlorobenzene | 72.52 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 51.11 | %Rec | |
| 1,3-Dichlorobenzene | 71.00 | %Rec | |
| 1,4-Dichlorobenzene | 74.31 | %Rec | |
| 2,4,5-Trichlorophenol | 92.95 | %Rec | |
| 2,4,6-Trichlorophenol | 93.03 | %Rec | |
| 2,4-Dichlorophenol | 92.59 | %Rec | |
| 2,4-Dimethylphenol | 80.75 | %Rec | |
| 2,4-Dinitrophenol | 125.41 | %Rec | J |
| 2,4-Dinitrotoluene | 97.52 | %Rec | |
| 2,6-Dinitrotoluene | 102.40 | %Rec | |
| 2-Chloronaphthalene | 81.06 | %Rec | |
| 2-Chlorophenol | 89.87 | %Rec | |
| 2-chlorophenol-d4 | 88.55 | %Rec | |
| 2-Cyclohexen-1-one, 3,5,5-t | 94.18 | %Rec | |
| 2-Methylphenol | 87.71 | %Rec | |
| 2-Nitroaniline | 96.05 | %Rec | |
| 2-Nitrophenol | 94.47 | %Rec | J |
| 4,6-Dinitro-2-methylphenol | 110.23 | %Rec | |
| 4-Bromophenyl-Phenylether | 95.34 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 4-Chloro-3-methylphenol | 93.59 | %Rec | |
| 4-Chloroaniline | 90.32 | %Rec | |
| 4-Chlorophenyl-Phenylether | 91.94 | %Rec | |
| 4-Methylphenol | 84.93 | %Rec | |
| 4-Nitroaniline | 98.56 | %Rec | |
| 4-Nitrophenol | 75.03 | %Rec | |
| Acenaphthene | 90.17 | %Rec | |
| Acenaphthylene | 89.10 | %Rec | |
| Anthracene | 97.62 | %Rec | |
| Benz[e]acephenanthrylene | 95.40 | %Rec | |
| Benzo(a)anthracene | 103.45 | %Rec | |
| Benzo(a)pyrene | 93.89 | %Rec | |
| Benzo(g,h,i)perylene | 97.99 | %Rec | |
| Benzo[k]fluoranthene | 101.56 | %Rec | |
| Benzoic Acid | 9.54 | %Rec | J |
| Benzyl Alcohol | 90.26 | %Rec | |
| bis(2-Chloroethoxy)methane | 89.20 | %Rec | |
| bis(2-Chloroethyl)ether | 88.85 | %Rec | |
| bis(2-Chloroisopropyl)ether | 83.50 | %Rec | |
| Bis(2-ethylhexyl) phthalate | 96.70 | %Rec | |
| Butylbenzylphthalate | 97.42 | %Rec | |
| Chrysene | 103.36 | %Rec | |
| d5-Phenol | 76.33 | %Rec | |
| di-n-Butylphthalate | 96.78 | %Rec | |
| di-n-octyl Phthalate | 93.10 | %Rec | J |
| Dibenz[a,h]anthracene | 99.56 | %Rec | |
| Dibenzofuran | 92.75 | %Rec | |
| Diethylphthalate | 99.09 | %Rec | |
| Dimethylphthalate | 96.51 | %Rec | |
| Fluoranthene | 98.93 | %Rec | |
| Fluorene | 93.70 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Hexachlorobenzene | 94.87 | %Rec | |
| Hexachlorobutadiene | 71.21 | %Rec | |
| Hexachlorocyclopentadiene | 10.34 | %Rec | |
| Hexachloroethane | 67.54 | %Rec | |
| Indeno(1,2,3-cd)pyrene | 107.74 | %Rec | |
| m-Nitroaniline | 95.77 | %Rec | J |
| n-Nitroso-di-n-Propylamine | 87.48 | %Rec | |
| n-Nitrosodiphenylamine | 87.01 | %Rec | |
| Naphthalene | 77.02 | %Rec | |
| Naphthalene, 2-methyl | 89.53 | %Rec | |
| Nitrobenzene | 90.25 | %Rec | |
| Nitrobenzene-d5 | 86.62 | %Rec | |
| Pentachlorophenol | 101.77 | %Rec | |
| Phenanthrene | 98.39 | %Rec | |
| Phenol | 81.66 | %Rec | |
| Phenol, 2-fluoro | 84.10 | %Rec | |
| Pyrene | 100.20 | %Rec | |
| Pyrene d10 | 92.88 | %Rec | |
| Terphenol-d14 | 94.03 | %Rec | |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Volatiles** | | | |
| 1,1,1-Trichloroethane | NAR | | |
| Ethene, 1,1-dichloro | NAR | | |
| Trichloroethene | NAR | | |
| 1,1,1,2-Tetrachloroethane | 96.97 | %Rec | |
| 1,1,2-Trichloroethane | 104.02 | %Rec | |
| 1,1-Dichloroethane | 102.52 | %Rec | |
| 1,1-Dichloropropene | 106.07 | %Rec | |
| 1,2,3-Trichloropropane | 112.30 | %Rec | |
| 1,2,4-Trichlorobenzene | 84.08 | %Rec | |
| 1,2-Dibromo-3-chloropropane | 98.81 | %Rec | |
| 1,2-Dibromoethane | 102.58 | %Rec | |
| 1,2-Dichlorobenzene | 101.30 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 101.47 | %Rec | |
| 1,2-Dichloroethane | 102.31 | %Rec | |
| 1,2-Dichloroethane-d4 | 109.49 | %Rec | |
| 1,2-Dichloropropane | 109.75 | %Rec | |
| 1,3-Dichlorobenzene | 96.51 | %Rec | |
| 1,3-Dichloropropane | 104.41 | %Rec | |
| 1,4-Dichlorobenzene | 94.56 | %Rec | |
| 2,2-Dichloropropane | 93.33 | %Rec | |
| 2-Butanone | 109.25 | %Rec | |
| 2-Chlorotoluene | 100.07 | %Rec | |
| 2-Hexanone | 108.79 | %Rec | |
| 2-Propanone | 112.00 | %Rec | |
| 4-Chlorotoluene | 104.59 | %Rec | |
| 4-Methyl-2-Pentanone | 117.65 | %Rec | |
| Benzene | 105.60 | %Rec | |
| Benzene, (1-methylethyl) | 105.11 | %Rec | |
| Benzene, (1-methylpropyl) | 99.40 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzene, 1,2,3-trichloro | 96.82 | %Rec | |
| Benzene, 1,2,4-trimethyl | 93.04 | %Rec | |
| Benzene, 1,2-dimethyl | 94.73 | %Rec | |
| Benzene, 1,3,5-trimethyl | 100.42 | %Rec | |
| Benzene, 1-methyl-4-(1-meth | 94.89 | %Rec | |
| Benzene, chloro | 99.16 | %Rec | |
| Benzene, ethyl | 101.64 | %Rec | |
| Benzene, fluoro | 100.90 | %Rec | |
| Benzene, propyl | 101.27 | %Rec | |
| Bromobenzene | 104.79 | %Rec | |
| Bromochloromethane | 91.67 | %Rec | |
| Bromodichloromethane | 104.79 | %Rec | |
| Bromoform | 96.60 | %Rec | |
| Butylbenzene | 95.09 | %Rec | |
| Carbon disulfide | 92.76 | %Rec | |
| Carbon Tetrachloride | 100.89 | %Rec | |
| Chloroethane | 86.16 | %Rec | |
| Chloroform | 100.34 | %Rec | |
| Chloromethane | 97.05 | %Rec | |
| cis-1,2-Dichloroethene | 98.94 | %Rec | |
| Cis-1,3-Dichloropropene | 99.86 | %Rec | |
| Dibromochloromethane | 94.06 | %Rec | |
| Dibromomethane | 101.49 | %Rec | |
| Ethane, 1,1,2,2-tetrachl | 95.62 | %Rec | |
| Ethene, tetrachloro | 96.17 | %Rec | |
| Hexachlorobutadiene | 101.59 | %Rec | |
| Methane, Dichlorodif | 93.78 | %Rec | |
| Methylene Chloride | 94.12 | %Rec | |
| MP-Xylene | 96.75 | %Rec | |

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Naphthalene | 84.31 | %Rec | |
| p-Bromofluorobenzene | 98.73 | %Rec | |
| Styrene | 93.02 | %Rec | |
| tert-Butylbenzene | 100.00 | %Rec | |
| Toluene | 99.55 | %Rec | |
| Toluene-d8 | 104.91 | %Rec | |
| Total Xylenes | 96.08 | %Rec | |
| trans-1,2-Dichloroethene | 93.93 | %Rec | |
| Trans-1,3-Dichloropropene | 98.96 | %Rec | |
| Trichlorofluoromethane | 79.00 | %Rec | |
| Vinyl Chloride | 99.97 | %Rec | |

# MET

### Arsenic by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 90 | %Rec | |

### All MERCURY tests

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Mercury | 107 | %Rec | |

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 106 | %Rec | |
| Antimony | 106 | %Rec | |
| Barium | 104 | %Rec | |
| Beryllium | 104 | %Rec | |
| Cadmium | 111 | %Rec | |
| Calcium | NA | %Rec | |
| Chromium | 99 | %Rec | |
| Cobalt | 100 | %Rec | |
| Copper | 105 | %Rec | |
| Iron | 103 | %Rec | |
| Magnesium | NA | %Rec | |
| Manganese | 102 | %Rec | |
| Nickel | 100 | %Rec | |
| Potassium | NA | %Rec | |
| Silver | 103 | %Rec | |
| Sodium | NA | %Rec | |
| Vanadium | 106 | %Rec | |
| Zinc | 102 | %Rec | |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Metals, ICP/MS** | | | |
| Lead | 102 | %Rec | |
| Selenium | 126 | %Rec | |
| Thallium | 106 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/17/94
**Matrix:** Liquid-Diss.
**Sample Number:** 94464302
**Type:** Reg sample
**Station Description:** MW-2

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 0.041 | ug/L | U |
| PCB-1221 | 0.041 | ug/L | U |
| PCB-1232 | 0.041 | ug/L | U |
| PCB-1242 | 0.041 | ug/L | U |
| PCB-1248 | 0.041 | ug/L | U |
| PCB-1254 | 0.041 | ug/L | U |
| PCB-1260 | 0.043 | ug/L | U |
| Decachlorobiphenyl | 94 | %Rec | |
| Tetrachlorometaxylene | 44 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 0.34 | ug/L | U |
| 1,2-Dichlorobenzene | 0.34 | ug/L | U |
| 1,3-Dichlorobenzene | 0.34 | ug/L | U |
| 1,4-Dichlorobenzene | 0.34 | ug/L | U |
| 2,4,5-Trichlorophenol | 0.34 | ug/L | U |
| 2,4,6-Trichlorophenol | 0.34 | ug/L | U |
| 2,4-Dichlorophenol | 0.34 | ug/L | U |
| 2,4-Dimethylphenol | 0.34 | ug/L | U |
| 2,4-Dinitrophenol | 13.6 | ug/L | U |
| 2,4-Dinitrotoluene | 1.7 | ug/L | U |
| 2,6-Dinitrotoluene | 1.7 | ug/L | U |
| 2-Chloronaphthalene | 0.34 | ug/L | U |
| 2-Chlorophenol | 0.34 | ug/L | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 0.34 | ug/L | U |
| 2-Methylphenol | 0.34 | ug/L | U |
| 2-Nitroaniline | 1.7 | ug/L | U |
| 2-Nitrophenol | 0.34 | ug/L | U |
| 3,3'-Dichlorobenzidine | 0.68 | ug/L | U |
| 3B-Coprostanol | 27.2 | ug/L | U |
| 4,6-Dinitro-2-methylphenol | 13.6 | ug/L | U |
| 4-Bromophenyl-Phenylether | 0.34 | ug/L | U |
| 4-Chloro-3-methylphenol | 0.34 | ug/L | U |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 4-Chloroaniline | 0.34 | ug/L | U |
| 4-Chlorophenyl-Phenylether | 0.34 | ug/L | U |
| 4-Methylphenol | 0.34 | ug/L | U |
| 4-Nitroaniline | 0.34 | ug/L | U |
| 4-Nitrophenol | 3.4 | ug/L | U |
| Acenaphthene | 0.34 | ug/L | U |
| Acenaphthylene | 0.34 | ug/L | U |
| Aniline | 0.34 | ug/L | U |
| Anthracene | 0.34 | ug/L | U |
| Benz[e]acephenanthrylene | 0.34 | ug/L | U |
| Benzidine | 0.68 | ug/L | U |
| Benzo(a)anthracene | 0.34 | ug/L | U |
| Benzo(a)pyrene | 0.34 | ug/L | U |
| Benzo(g,h,i)perylene | 0.34 | ug/L | U |
| Benzo[k]fluoranthene | 0.34 | ug/L | U |
| Benzoic Acid | 13.6 | ug/L | U |
| Benzyl Alcohol | 0.34 | ug/L | U |
| bis(2-Chloroethoxy)methane | 0.34 | ug/L | U |
| bis(2-Chloroethyl)ether | 0.34 | ug/L | U |
| bis(2-Chloroisopropyl)ether | 0.34 | ug/L | U |
| **Bis(2-ethylhexyl) phthalate** | **2.0** | **ug/L** | |
| Butylbenzylphthalate | 0.34 | ug/L | U |
| CAFFEINE | 0.34 | ug/L | U |
| Carbazole | 0.34 | ug/L | U |
| Chrysene | 0.34 | ug/L | U |
| **di-n-Butylphthalate** | **0.042** | **ug/L** | **J** |
| **di-n-octyl Phthalate** | **0.36** | **ug/L** | **J** |
| Dibenz[a,h]anthracene | 0.34 | ug/L | U |
| Dibenzofuran | 0.34 | ug/L | U |
| Diethylphthalate | 0.34 | ug/L | U |
| Dimethylphthalate | 0.34 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Fluoranthene | 0.34 | ug/L | U |
| Fluorene | 0.34 | ug/L | U |
| Hexachlorobenzene | 0.34 | ug/L | U |
| Hexachlorobutadiene | 0.34 | ug/L | U |
| Hexachlorocyclopentadiene | 0.34 | ug/L | U |
| Hexachloroethane | 0.34 | ug/L | U |
| Hydrazine, 1,2-Diphenyl- | 0.34 | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 0.34 | ug/L | U |
| m-Nitroaniline | 0.34 | ug/L | U |
| n-Nitroso-di-n-Propylamine | 0.34 | ug/L | U |
| n-Nitrosodimethylamine | 1.7 | ug/L | U |
| n-Nitrosodiphenylamine | 0.34 | ug/L | U |
| Naphthalene | 0.34 | ug/L | U |
| Naphthalene, 2-methyl | 0.34 | ug/L | U |
| Nitrobenzene | 0.34 | ug/L | U |
| Pentachlorophenol | 3.4 | ug/L | U |
| Phenanthrene | 0.34 | ug/L | U |
| Phenanthrene, 1-methyl-7-(1 | 0.34 | ug/L | U |
| Phenol | 0.34 | ug/L | U |
| Pyrene | 0.34 | ug/L | U |
| Pyridine | 1.7 | ug/L | U |
| 1,1'-Biphenyl, 2-fluoro | 58 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 48 | %Rec | |
| 2-chlorophenol-d4 | 83 | %Rec | |
| d5-Phenol | 53 | %Rec | |
| Nitrobenzene-d5 | 80 | %Rec | |
| Phenol, 2-fluoro | 66 | %Rec | |
| Pyrene d10 | 91 | %Rec | |
| Terphenol-d14 | 90 | %Rec | |

**94464302 Reg sample**

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles - Tentatives** | | | |
| **Unknown Phthalate** | **1.00** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **1.4** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.4** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.9** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.6** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.4** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.0** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **1.7** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.1** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.2** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **4.7** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **8.7** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **9.1** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **6.0** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.0** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **3.2** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **3.4** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **1.6** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **1.6** | **ug/L** | **NJ** |
| **Unknown Phthalate** | **2.3** | **ug/L** | **NJ** |
| **Volatiles** | | | |
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| **1,1,1-Trichloroethane** | **3.5** | **ug/L** | |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dibromo-3-chloropropane | 1.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| **1,2-Dichloroethane** | **0.49** | **ug/L** | **J** |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| 2-Butanone | 1.0 | ug/L | U |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| 2-Propanone | 1.0 | ug/L | U |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 1.0 | ug/L | U |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| **Bromomethane** | **20** | **ug/L** | |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| **Ethene, 1,1-dichloro** | **1.9** | **ug/L** | **J** |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 1.0 | ug/L | U |
| Methane, Dichlorodif | 1.0 | ug/L | U |
| Methylene Chloride | 2.0 | ug/L | U |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 1.0 | ug/L | U |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| **Toluene** | **0.28** | **ug/L** | **J** |
| Total Xylenes | 2.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| **Trichloroethene** | **0.47** | **ug/L** | **J** |
| Trichlorofluoromethane | 1.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 98 | %Rec | |
| 1,2-Dichloroethane-d4 | 101 | %Rec | |
| Benzene, fluoro | 101 | %Rec | |
| p-Bromofluorobenzene | 92 | %Rec | |
| Toluene-d8 | 103 | %Rec | |

94464302 Reg sample

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Volatiles - Tentatives** | | | |
| **Unknown 01** | **0.19** | **ug/L** | **JN** |
| **MET** | | | |
| **Arsenic by AA, RAS** | | | |
| **Arsenic** | **3.4** | **ug/L** | **P** |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |
| **Metals, ICP RAS** | | | |
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| **Barium** | **23.9** | **ug/L** | |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **36700** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| Iron | 10 | ug/L | U |
| **Magnesium** | **13800** | **ug/L** | |
| **Manganese** | **4.8** | **ug/L** | **P** |
| Nickel | 10 | ug/L | U |
| **Potassium** | **2000** | **ug/L** | **P** |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **3350** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |
| **Metals, ICP/MS** | | | |

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## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Lead | 0.50 | ug/L | U |
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/17/94
**Matrix:** Liquid-Total
**Sample Number:** 94464306
**Type:** Reg sample
**Station Description:** TRIP BLANK

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dibromo-3-chloropropane | 1.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| **1,2-Dichloroethane** | **0.41** | **ug/L** | **J** |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| 2-Butanone | 1.0 | ug/L | U |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| 2-Propanone | 1.0 | ug/L | U |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 1.0 | ug/L | U |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| **Bromomethane** | **20** | **ug/L** | |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |

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## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 2.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 1.0 | ug/L | U |
| Methane, Dichlorodif | 1.0 | ug/L | U |
| Methylene Chloride | 2.0 | ug/L | U |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 1.0 | ug/L | U |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| Toluene | 1.0 | ug/L | U |
| Total Xylenes | 2.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 1.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 99 | %Rec | |
| 1,2-Dichloroethane-d4 | 103 | %Rec | |
| Benzene, fluoro | 99 | %Rec | |
| p-Bromofluorobenzene | 92 | %Rec | |
| Toluene-d8 | 104 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/17/94
**Matrix:** Liquid-Total
**Sample Number:** 94464307
**Type:** Reg sample
**Station Description:** MW-1

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |
| **Metals, ICP RAS** | | | |
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| **Barium** | **24.4** | **ug/L** | |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **36300** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| Iron | 10 | ug/L | U |
| **Magnesium** | **14400** | **ug/L** | |
| **Manganese** | **2.1** | **ug/L** | **P** |
| Nickel | 10 | ug/L | U |
| **Potassium** | **1700** | **ug/L** | **P** |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **3100** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |
| **Metals, ICP/MS** | | | |
| **Arsenic** | **3.4** | **ug/L** | **P** |
| **Lead** | **1.02** | **ug/L** | |

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## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report



**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94464307
**Type:** Duplicate
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94464307
**Type:** Matrix Spike
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 106 | %Rec | |

# Manchester Environmental Laboratory
## Final Report



**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94464307
**Type:** Matrix Spike Dupl
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 107 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:** 11/17/94
**Matrix:** Liquid-Total
**Sample Number:** 94464308
**Type:** Reg sample
**Station Description:** MW-2

## MET

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |
| **Metals, ICP RAS** | | | |
| **Aluminum** | **44** | **ug/L** | **P** |
| Antimony | 40 | ug/L | U |
| **Barium** | **22.9** | **ug/L** | |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **32200** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| **Copper** | **6.8** | **ug/L** | **P** |
| **Iron** | **78.8** | **ug/L** | |
| **Magnesium** | **12500** | **ug/L** | |
| **Manganese** | **6.82** | **ug/L** | |
| Nickel | 10 | ug/L | U |
| **Potassium** | **1400** | **ug/L** | **P** |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **3160** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| **Zinc** | **7.2** | **ug/L** | **P** |
| **Metals, ICP/MS** | | | |
| **Arsenic** | **3.6** | **ug/L** | **P** |
| **Lead** | **1.09** | **ug/L** | |

**94464308 Reg sample**

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94464308
**Type:** Duplicate
**Station Description:**

## MET

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Aluminum** | **29** | **ug/L** | **P** |
| Antimony | 40 | ug/L | U |
| **Barium** | **22.7** | **ug/L** | |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **32900** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| **Copper** | **7.7** | **ug/L** | **P** |
| **Iron** | **65.2** | **ug/L** | |
| **Magnesium** | **12500** | **ug/L** | |
| **Manganese** | **6.53** | **ug/L** | |
| Nickel | 10 | ug/L | U |
| **Potassium** | **1600** | **ug/L** | **P** |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **3200** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| **Zinc** | **6.1** | **ug/L** | **P** |

### Metals, ICP/MS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Arsenic** | **3.6** | **ug/L** | **P** |
| **Lead** | **0.72** | **ug/L** | **P** |
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94464308
**Type:** Matrix Spike
**Station Description:**

## MET

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 100 | %Rec | |
| Antimony | 96 | %Rec | |
| Barium | 98 | %Rec | |
| Beryllium | 97 | %Rec | |
| Cadmium | 103 | %Rec | |
| Calcium | NA | %Rec | |
| Chromium | 96 | %Rec | |
| Cobalt | 95 | %Rec | |
| Copper | 100 | %Rec | |
| Iron | 104 | %Rec | |
| Magnesium | NA | %Rec | |
| Manganese | 97 | %Rec | |
| Nickel | 95 | %Rec | |
| Potassium | NA | %Rec | |
| Silver | 94 | %Rec | |
| Sodium | NA | %Rec | |
| Vanadium | 99 | %Rec | |
| Zinc | 96 | %Rec | |

### Metals, ICP/MS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 106 | %Rec | |
| Lead | 97 | %Rec | |
| Selenium | 110 | %Rec | |
| Thallium | 100 | %Rec | |

Final Report

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory

## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** 94464308
**Type:** Matrix Spike Dupl
**Station Description:**

## MET

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 99 | %Rec | |
| Antimony | 98 | %Rec | |
| Barium | 99 | %Rec | |
| Beryllium | 100 | %Rec | |
| Cadmium | 102 | %Rec | |
| Calcium | NA | %Rec | |
| Chromium | 100 | %Rec | |
| Cobalt | 98 | %Rec | |
| Copper | 99 | %Rec | |
| Iron | 98 | %Rec | |
| Magnesium | NA | %Rec | |
| Manganese | 98 | %Rec | |
| Nickel | 98 | %Rec | |
| Potassium | NA | %Rec | |
| Silver | 98 | %Rec | |
| Sodium | NA | %Rec | |
| Vanadium | 101 | %Rec | |
| Zinc | 97 | %Rec | |

### Metals, ICP/MS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 107 | %Rec | |
| Lead | 95 | %Rec | |
| Selenium | 112 | %Rec | |
| Thallium | 102 | %Rec | |

Final Report

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4305DE
**Type:** Blank
**Station Description:**

## GC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 17 | ug/kg | U |
| PCB-1221 | 17 | ug/kg | U |
| PCB-1232 | 17 | ug/kg | U |
| PCB-1242 | 17 | ug/kg | U |
| PCB-1248 | 17 | ug/kg | U |
| PCB-1254 | 17 | ug/kg | U |
| PCB-1260 | 18 | ug/kg | U |
| Decachlorobiphenyl | 120 | %Rec | |
| Tetrachlorometaxylene | 94 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4305E
**Type:** Blank
**Station Description:**

## GC

**Polychlorinated Biphenyl**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 17 | ug/kg | U |
| PCB-1221 | 17 | ug/kg | U |
| PCB-1232 | 17 | ug/kg | U |
| PCB-1242 | 17 | ug/kg | U |
| PCB-1248 | 17 | ug/kg | U |
| PCB-1254 | 17 | ug/kg | U |
| PCB-1260 | 18 | ug/kg | U |
| Decachlorobiphenyl | 110 | %Rec | |
| Tetrachlorometaxylene | 88 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory

## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4312
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **GC** | | | |
| **Total Petroleum HydroC** | | | |
| Diesel | 15.5 | mg/kg | U |
| Gasoline | 6.2 | mg/kg | U |
| Motor Oil | 12 | mg/kg | U |
| PENTACOSANE | 103 | %Rec | |

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4318
**Type:** Blank
**Station Description:**

## GCMS
### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 164 | ug/kg | U |
| 1,2-Dichlorobenzene | 164 | ug/kg | U |
| 1,3-Dichlorobenzene | 164 | ug/kg | U |
| 1,4-Dichlorobenzene | 164 | ug/kg | U |
| 2,4,5-Trichlorophenol | 164 | ug/kg | U |
| 2,4,6-Trichlorophenol | 164 | ug/kg | U |
| 2,4-Dichlorophenol | 164 | ug/kg | U |
| 2,4-Dimethylphenol | 164 | ug/kg | U |
| 2,4-Dinitrophenol | 6560 | ug/kg | UJ |
| 2,4-Dinitrotoluene | 1640 | ug/kg | U |
| 2,6-Dinitrotoluene | 1640 | ug/kg | U |
| 2-Chloronaphthalene | 164 | ug/kg | U |
| 2-Chlorophenol | 164 | ug/kg | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 164 | ug/kg | U |
| 2-Methylphenol | 164 | ug/kg | U |
| 2-Nitroaniline | 1640 | ug/kg | U |
| 2-Nitrophenol | 1640 | ug/kg | U |
| 3,3'-Dichlorobenzidine | 328 | ug/kg | U |
| 3B-Coprostanol | 13100 | ug/kg | U |
| 4,6-Dinitro-2-methylphenol | 13100 | ug/kg | U |
| 4-Bromophenyl-Phenylether | 164 | ug/kg | U |
| 4-Chloro-3-methylphenol | 164 | ug/kg | U |
| 4-Chloroaniline | 164 | ug/kg | U |
| 4-Chlorophenyl-Phenylether | 164 | ug/kg | U |
| 4-Methylphenol | 164 | ug/kg | U |
| 4-Nitroaniline | 820 | ug/kg | U |
| 4-Nitrophenol | 3280 | ug/kg | U |
| Acenaphthene | 164 | ug/kg | U |
| Acenaphthylene | 164 | ug/kg | U |
| Aniline | 164 | ug/kg | U |
| Anthracene | 164 | ug/kg | U |
| Benz[e]acephenanthrylene | 164 | ug/kg | U |
| Benzidine | 1640 | ug/kg | U |
| Benzo(a)anthracene | 164 | ug/kg | U |
| Benzo(a)pyrene | 164 | ug/kg | U |
| Benzo(g,h,i)perylene | 164 | ug/kg | U |
| Benzo[k]fluoranthene | 164 | ug/kg | U |
| Benzoic Acid | 6560 | ug/kg | U |
| Benzyl Alcohol | 164 | ug/kg | U |
| bis(2-Chloroethoxy)methane | 164 | ug/kg | U |
| bis(2-Chloroethyl)ether | 164 | ug/kg | U |
| bis(2-Chloroisopropyl)ether | 164 | ug/kg | U |
| Bis(2-ethylhexyl) phthalate | 328 | ug/kg | U |
| Butylbenzylphthalate | 328 | ug/kg | U |
| CAFFEINE | 164 | ug/kg | U |
| Carbazole | 164 | ug/kg | U |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chrysene | 164 | ug/kg | U |
| di-n-Butylphthalate | 164 | ug/kg | U |
| di-n-octyl Phthalate | 820 | ug/kg | U |
| Dibenz[a,h]anthracene | 164 | ug/kg | U |
| Dibenzofuran | 164 | ug/kg | U |
| Diethylphthalate | 1640 | ug/kg | U |
| Dimethylphthalate | 164 | ug/kg | U |
| Fluoranthene | 164 | ug/kg | U |
| Fluorene | 164 | ug/kg | U |
| Hexachlorobenzene | 164 | ug/kg | U |
| Hexachlorobutadiene | 164 | ug/kg | U |
| Hexachlorocyclopentadiene | 820 | ug/kg | U |
| Hexachloroethane | 164 | ug/kg | U |
| Hydrazine, 1,2-Diphenyl- | 164 | ug/kg | U |
| Indeno(1,2,3-cd)pyrene | 164 | ug/kg | U |
| m-Nitroaniline | 820 | ug/kg | U |
| n-Nitroso-di-n-Propylamine | 164 | ug/kg | U |
| n-Nitrosodimethylamine | 820 | ug/kg | U |
| n-Nitrosodiphenylamine | 164 | ug/kg | U |
| Naphthalene | 164 | ug/kg | U |
| Naphthalene, 2-methyl | 164 | ug/kg | U |
| Nitrobenzene | 164 | ug/kg | U |
| Pentachlorophenol | 3280 | ug/kg | U |
| Phenanthrene | 164 | ug/kg | U |
| Phenanthrene, 1-methyl-7-(1 | 164 | ug/kg | U |
| Phenol | 164 | ug/kg | U |
| Pyrene | 164 | ug/kg | U |
| Pyridine | 820 | ug/kg | U |
| 1,1'-Biphenyl, 2-fluoro | 108 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 105 | %Rec | |
| 2-chlorophenol-d4 | 101 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| d5-Phenol | 102 | %Rec | |
| Nitrobenzene-d5 | 98 | %Rec | |
| Phenol, 2-fluoro | 99 | %Rec | |
| Pyrene d10 | 103 | %Rec | |
| Terphenol-d14 | 105 | %Rec | |

BS4318 Blank

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles - Tentatives** | | | |
| 3-Penten-2-one, 4-methyl | 5540 | ug/kg | NJ |
| Aldol Condensate Unknown | 644000 | ug/kg | NJ |
| Toluene | 67800 | ug/kg | NJ |
| Unknown 01 | 10800 | ug/kg | NJ |
| Unknown 02 | 3370 | ug/kg | NJ |

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4318D
**Type:** Blank
**Station Description:**

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 164 | ug/kg | U |
| 1,2-Dichlorobenzene | 164 | ug/kg | U |
| 1,3-Dichlorobenzene | 164 | ug/kg | U |
| 1,4-Dichlorobenzene | 164 | ug/kg | U |
| 2,4,5-Trichlorophenol | 164 | ug/kg | U |
| 2,4,6-Trichlorophenol | 164 | ug/kg | U |
| 2,4-Dichlorophenol | 164 | ug/kg | U |
| 2,4-Dimethylphenol | 164 | ug/kg | U |
| 2,4-Dinitrophenol | 6560 | ug/kg | UJ |
| 2,4-Dinitrotoluene | 1640 | ug/kg | U |
| 2,6-Dinitrotoluene | 1640 | ug/kg | U |
| 2-Chloronaphthalene | 164 | ug/kg | U |
| 2-Chlorophenol | 164 | ug/kg | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 164 | ug/kg | U |
| 2-Methylphenol | 164 | ug/kg | U |
| 2-Nitroaniline | 1640 | ug/kg | U |
| 2-Nitrophenol | 1640 | ug/kg | U |
| 3,3'-Dichlorobenzidine | 328 | ug/kg | U |
| 3B-Coprostanol | 13100 | ug/kg | U |
| 4,6-Dinitro-2-methylphenol | 13100 | ug/kg | U |
| 4-Bromophenyl-Phenylether | 164 | ug/kg | U |
| 4-Chloro-3-methylphenol | 164 | ug/kg | U |
| 4-Chloroaniline | 164 | ug/kg | U |
| 4-Chlorophenyl-Phenylether | 164 | ug/kg | U |
| 4-Methylphenol | 164 | ug/kg | U |
| 4-Nitroaniline | 820 | ug/kg | U |
| 4-Nitrophenol | 3280 | ug/kg | U |
| Acenaphthene | 164 | ug/kg | U |
| Acenaphthylene | 164 | ug/kg | U |
| Aniline | 164 | ug/kg | U |
| Anthracene | 164 | ug/kg | U |
| Benz[e]acephenanthrylene | 164 | ug/kg | U |
| Benzidine | 1640 | ug/kg | U |
| Benzo(a)anthracene | 164 | ug/kg | U |
| Benzo(a)pyrene | 164 | ug/kg | U |
| Benzo(g,h,i)perylene | 164 | ug/kg | U |
| Benzo[k]fluoranthene | 164 | ug/kg | U |
| Benzoic Acid | 6560 | ug/kg | U |
| Benzyl Alcohol | 164 | ug/kg | U |
| bis(2-Chloroethoxy)methane | 164 | ug/kg | U |
| bis(2-Chloroethyl)ether | 164 | ug/kg | U |
| bis(2-Chloroisopropyl)ether | 164 | ug/kg | U |
| Bis(2-ethylhexyl) phthalate | 328 | ug/kg | U |
| Butylbenzylphthalate | 328 | ug/kg | U |
| CAFFEINE | 164 | ug/kg | U |
| Carbazole | 164 | ug/kg | U |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Chrysene | 164 | ug/kg | U |
| **di-n-Butylphthalate** | **64.3** | **ug/kg** | **J** |
| di-n-octyl Phthalate | 820 | ug/kg | U |
| Dibenz[a,h]anthracene | 164 | ug/kg | U |
| Dibenzofuran | 164 | ug/kg | U |
| **Diethylphthalate** | **12.2** | **ug/kg** | **J** |
| Dimethylphthalate | 164 | ug/kg | U |
| Fluoranthene | 164 | ug/kg | U |
| Fluorene | 164 | ug/kg | U |
| Hexachlorobenzene | 164 | ug/kg | U |
| Hexachlorobutadiene | 164 | ug/kg | U |
| Hexachlorocyclopentadiene | 820 | ug/kg | U |
| Hexachloroethane | 164 | ug/kg | U |
| Hydrazine, 1,2-Diphenyl- | 164 | ug/kg | U |
| Indeno(1,2,3-cd)pyrene | 164 | ug/kg | U |
| m-Nitroaniline | 820 | ug/kg | U |
| n-Nitroso-di-n-Propylamine | 164 | ug/kg | U |
| n-Nitrosodimethylamine | 820 | ug/kg | U |
| n-Nitrosodiphenylamine | 164 | ug/kg | U |
| Naphthalene | 164 | ug/kg | U |
| Naphthalene, 2-methyl | 164 | ug/kg | U |
| Nitrobenzene | 164 | ug/kg | U |
| Pentachlorophenol | 3280 | ug/kg | U |
| Phenanthrene | 164 | ug/kg | U |
| Phenanthrene, 1-methyl-7-(1 | 164 | ug/kg | U |
| Phenol | 164 | ug/kg | U |
| Pyrene | 164 | ug/kg | U |
| Pyridine | 820 | ug/kg | U |
| 1,1'-Biphenyl, 2-fluoro | 112 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 110 | %Rec | |
| 2-chlorophenol-d4 | 109 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| d5-Phenol | 106 | %Rec | |
| Nitrobenzene-d5 | 101 | %Rec | |
| Phenol, 2-fluoro | 106 | %Rec | |
| Pyrene d10 | 103 | %Rec | |
| Terphenol-d14 | 106 | %Rec | |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles - Tentatives** | | | |
| 5-Hexen-2-one | 1010 | ug/kg | NJ |
| Decane, 5,6-dimethyl | 1230 | ug/kg | NJ |
| Undecane, 6-methyl | 911 | ug/kg | NJ |
| Unknown 01 | 1170 | ug/kg | NJ |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4318DE
**Type:** Blank
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 150 | ug/kg | U |
| PCB-1221 | 150 | ug/kg | U |
| PCB-1232 | 150 | ug/kg | U |
| PCB-1242 | 150 | ug/kg | U |
| PCB-1248 | 150 | ug/kg | U |
| PCB-1254 | 150 | ug/kg | U |
| PCB-1260 | 160 | ug/kg | U |
| Decachlorobiphenyl | 110 | %Rec | |
| Tetrachlorometaxylene | 90 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4318E
**Type:** Blank
**Station Description:**

## GC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 150 | ug/kg | U |
| PCB-1221 | 150 | ug/kg | U |
| PCB-1232 | 150 | ug/kg | U |
| PCB-1242 | 150 | ug/kg | U |
| PCB-1248 | 150 | ug/kg | U |
| PCB-1254 | 150 | ug/kg | U |
| PCB-1260 | 160 | ug/kg | U |
| Decachlorobiphenyl | 110 | %Rec | |
| Tetrachlorometaxylene | 91 | %Rec | |

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4321
**Type:** Blank
**Station Description:**

## GC

### Total Petroleum HydroC

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Diesel | 24 | mg/kg | U |
| Gasoline | 9.6 | mg/kg | U |
| Motor Oil | 19 | mg/kg | U |
| PENTACOSANE | 160 | %Rec | |

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 147 | ug/kg | U |
| 1,2-Dichlorobenzene | 147 | ug/kg | U |
| 1,3-Dichlorobenzene | 147 | ug/kg | U |
| 1,4-Dichlorobenzene | 147 | ug/kg | U |
| 2,4,5-Trichlorophenol | 147 | ug/kg | U |
| 2,4,6-Trichlorophenol | 147 | ug/kg | U |
| 2,4-Dichlorophenol | 147 | ug/kg | U |
| 2,4-Dimethylphenol | 147 | ug/kg | U |
| 2,4-Dinitrophenol | 5860 | ug/kg | U |
| 2,4-Dinitrotoluene | 733 | ug/kg | U |
| 2,6-Dinitrotoluene | 733 | ug/kg | U |
| 2-Chloronaphthalene | 147 | ug/kg | U |
| 2-Chlorophenol | 147 | ug/kg | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 147 | ug/kg | U |
| 2-Methylphenol | 147 | ug/kg | U |
| 2-Nitroaniline | 733 | ug/kg | U |
| 2-Nitrophenol | 147 | ug/kg | U |
| 3,3'-Dichlorobenzidine | 293 | ug/kg | U |
| 3B-Coprostanol | 11700 | ug/kg | U |
| 4,6-Dinitro-2-methylphenol | 5860 | ug/kg | U |
| 4-Bromophenyl-Phenylether | 147 | ug/kg | U |
| 4-Chloro-3-methylphenol | 147 | ug/kg | U |
| 4-Chloroaniline | 147 | ug/kg | U |
| 4-Chlorophenyl-Phenylether | 147 | ug/kg | U |
| 4-Methylphenol | 147 | ug/kg | U |
| 4-Nitroaniline | 147 | ug/kg | U |
| 4-Nitrophenol | 1470 | ug/kg | U |
| Acenaphthene | 147 | ug/kg | U |
| Acenaphthylene | 147 | ug/kg | U |
| Aniline | 147 | ug/kg | U |
| Anthracene | 147 | ug/kg | U |
| Benz[e]acephenanthrylene | 147 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Benzidine | 293 | ug/kg | U |
| Benzo(a)anthracene | 147 | ug/kg | U |
| Benzo(a)pyrene | 147 | ug/kg | U |
| Benzo(g,h,i)perylene | 147 | ug/kg | U |
| Benzo[k]fluoranthene | 147 | ug/kg | U |
| Benzoic Acid | 5860 | ug/kg | U |
| Benzyl Alcohol | 147 | ug/kg | U |
| bis(2-Chloroethoxy)methane | 147 | ug/kg | U |
| bis(2-Chloroethyl)ether | 147 | ug/kg | U |
| bis(2-Chloroisopropyl)ether | 147 | ug/kg | U |
| Bis(2-ethylhexyl) phthalate | 147 | ug/kg | U |
| Butylbenzylphthalate | 147 | ug/kg | U |
| CAFFEINE | 147 | ug/kg | U |
| Carbazole | 147 | ug/kg | U |
| Chrysene | 147 | ug/kg | U |
| di-n-Butylphthalate | 147 | ug/kg | U |
| di-n-octyl Phthalate | 293 | ug/kg | U |
| Dibenz[a,h]anthracene | 147 | ug/kg | U |
| Dibenzofuran | 147 | ug/kg | U |
| Diethylphthalate | 147 | ug/kg | U |
| Dimethylphthalate | 147 | ug/kg | U |
| Fluoranthene | 147 | ug/kg | U |
| Fluorene | 147 | ug/kg | U |
| Hexachlorobenzene | 147 | ug/kg | U |
| Hexachlorobutadiene | 147 | ug/kg | U |
| Hexachlorocyclopentadiene | 147 | ug/kg | U |
| Hexachloroethane | 147 | ug/kg | U |
| Hydrazine, 1,2-Diphenyl- | 147 | ug/kg | U |
| Indeno(1,2,3-cd)pyrene | 147 | ug/kg | U |
| m-Nitroaniline | 147 | ug/kg | U |
| n-Nitroso-di-n-Propylamine | 147 | ug/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| n-Nitrosodimethylamine | 733 | ug/kg | U |
| n-Nitrosodiphenylamine | 147 | ug/kg | U |
| Naphthalene | 147 | ug/kg | U |
| Naphthalene, 2-methyl | 147 | ug/kg | U |
| Nitrobenzene | 147 | ug/kg | U |
| Pentachlorophenol | 1470 | ug/kg | U |
| Phenanthrene | 147 | ug/kg | U |
| Phenanthrene, 1-methyl-7-(1 | 147 | ug/kg | U |
| Phenol | 147 | ug/kg | U |
| Pyrene | 147 | ug/kg | U |
| Pyridine | 733 | ug/kg | U |
| 1,1'-Biphenyl, 2-fluoro | 102 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 89 | %Rec | |
| 2-chlorophenol-d4 | 93 | %Rec | |
| d5-Phenol | 96 | %Rec | |
| Nitrobenzene-d5 | 89 | %Rec | |
| Phenol, 2-fluoro | 88 | %Rec | |
| Pyrene d10 | 95 | %Rec | |
| Terphenol-d14 | 98 | %Rec | |

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles - Tentatives** | | | |
| 2-Cyclopenten-1-one, 3-m | 273 | ug/kg | NJ |
| 2-Pyrrolidinone, 1-methy | 297 | ug/kg | NJ |
| 3-Penten-2-one, 4-methyl | 2980 | ug/kg | NJ |
| Aldol Condensate Unknown | 522000 | ug/kg | NJ |
| Heptane, 2,5-dimethyl | 331 | ug/kg | NJ |
| Heptane, 2,6-dimethyl | 223 | ug/kg | NJ |
| Heptane, 3,5-dimethyl | 106 | ug/kg | NJ |
| Heptane, 3-methylene | 158 | ug/kg | NJ |
| Hexane, 3-ethyl | 214 | ug/kg | NJ |
| Isobutyraldehyde, propyl | 459 | ug/kg | NJ |
| Octane, 4-methyl | 359 | ug/kg | NJ |
| Unknown 01 | 114 | ug/kg | J |
| Unknown 02 | 177 | ug/kg | J |
| Unknown 03 | 3890 | ug/kg | NJ |
| Unknown 04 | 110 | ug/kg | NJ |
| Unknown 05 | 179 | ug/kg | NJ |
| Unknown 06 | 2660 | ug/kg | NJ |
| Unknown 07 | 342 | ug/kg | NJ |
| Unknown 08 | 198 | ug/kg | NJ |
| Unknown 09 | 118 | ug/kg | J |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4321DE
**Type:** Blank
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 15 | ug/kg | U |
| PCB-1221 | 15 | ug/kg | U |
| PCB-1232 | 15 | ug/kg | U |
| PCB-1242 | 15 | ug/kg | U |
| PCB-1248 | 15 | ug/kg | U |
| PCB-1254 | 15 | ug/kg | U |
| PCB-1260 | 16 | ug/kg | U |
| Decachlorobiphenyl | 58 | %Rec | |
| Tetrachlorometaxylene | 69 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** BS4321E
**Type:** Blank
**Station Description:**

## GC

### Polychlorinated Biphenyl

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 15 | ug/kg | U |
| PCB-1221 | 15 | ug/kg | U |
| PCB-1232 | 15 | ug/kg | U |
| PCB-1242 | 15 | ug/kg | U |
| PCB-1248 | 15 | ug/kg | U |
| PCB-1254 | 15 | ug/kg | U |
| PCB-1260 | 16 | ug/kg | U |
| Decachlorobiphenyl | 120 | %Rec | |
| Tetrachlorometaxylene | 94 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** BW4301
**Type:** Blank
**Station Description:**

## GCMS

### Semi-volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,2,4-Trichlorobenzene | 0.36 | ug/L | U |
| 1,2-Dichlorobenzene | 0.36 | ug/L | U |
| 1,3-Dichlorobenzene | 0.36 | ug/L | U |
| 1,4-Dichlorobenzene | 0.36 | ug/L | U |
| 2,4,5-Trichlorophenol | 0.36 | ug/L | U |
| 2,4,6-Trichlorophenol | 0.36 | ug/L | U |
| 2,4-Dichlorophenol | 0.36 | ug/L | U |
| 2,4-Dimethylphenol | 0.36 | ug/L | U |
| 2,4-Dinitrophenol | 14.4 | ug/L | UJ |
| 2,4-Dinitrotoluene | 3.6 | ug/L | U |
| 2,6-Dinitrotoluene | 1.8 | ug/L | U |
| 2-Chloronaphthalene | 0.36 | ug/L | U |
| 2-Chlorophenol | 0.36 | ug/L | U |
| 2-Cyclohexen-1-one, 3,5,5-t | 0.36 | ug/L | U |
| 2-Methylphenol | 0.36 | ug/L | U |
| 2-Nitroaniline | 1.8 | ug/L | U |
| 2-Nitrophenol | 0.36 | ug/L | U |
| 3,3'-Dichlorobenzidine | 0.72 | ug/L | U |
| 4,6-Dinitro-2-methylphenol | 14.4 | ug/L | UJ |
| 4-Bromophenyl-Phenylether | 0.36 | ug/L | U |
| 4-Chloro-3-methylphenol | 0.36 | ug/L | U |
| 4-Chloroaniline | 0.36 | ug/L | U |
| 4-Chlorophenyl-Phenylether | 0.36 | ug/L | U |
| 4-Methylphenol | 0.36 | ug/L | U |
| 4-Nitroaniline | 1.8 | ug/L | U |
| 4-Nitrophenol | 3.6 | ug/L | U |
| Acenaphthene | 0.36 | ug/L | U |
| Acenaphthylene | 0.36 | ug/L | U |
| Aniline | 0.36 | ug/L | U |
| Anthracene | 0.36 | ug/L | U |
| Benz[e]acephenanthrylene | 0.36 | ug/L | U |
| Benzidine | 0.72 | ug/L | U |
| Benzo(a)anthracene | 0.36 | ug/L | U |
| Benzo(a)pyrene | 0.36 | ug/L | U |
| Benzo(g,h,i)perylene | 0.36 | ug/L | U |
| Benzo[k]fluoranthene | 0.36 | ug/L | U |
| Benzoic Acid | 14.4 | ug/L | UJ |
| Benzyl Alcohol | 0.36 | ug/L | U |
| bis(2-Chloroethoxy)methane | 0.36 | ug/L | U |
| bis(2-Chloroethyl)ether | 0.36 | ug/L | U |
| bis(2-Chloroisopropyl)ether | 0.36 | ug/L | U |
| Bis(2-ethylhexyl) phthalate | 0.36 | ug/L | U |
| Butylbenzylphthalate | 0.36 | ug/L | U |
| Carbazole | 0.36 | ug/L | U |
| Chrysene | 0.36 | ug/L | U |
| **di-n-Butylphthalate** | **0.040** | **ug/L** | **J** |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| di-n-octyl Phthalate | 0.36 | ug/L | U |
| Dibenz[a,h]anthracene | 0.36 | ug/L | U |
| Dibenzofuran | 0.36 | ug/L | U |
| Diethylphthalate | 3.6 | ug/L | U |
| Dimethylphthalate | 0.36 | ug/L | U |
| Fluoranthene | 0.36 | ug/L | U |
| Fluorene | 0.36 | ug/L | U |
| Hexachlorobenzene | 0.36 | ug/L | U |
| Hexachlorobutadiene | 0.36 | ug/L | U |
| Hexachlorocyclopentadiene | 1.8 | ug/L | U |
| Hexachloroethane | 0.36 | ug/L | U |
| Hydrazine, 1,2-Diphenyl- | 0.36 | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 0.36 | ug/L | U |
| m-Nitroaniline | 1.8 | ug/L | U |
| n-Nitroso-di-n-Propylamine | 0.36 | ug/L | U |
| n-Nitrosodimethylamine | 1.8 | ug/L | U |
| n-Nitrosodiphenylamine | 0.36 | ug/L | U |
| Naphthalene | 0.36 | ug/L | U |
| Naphthalene, 2-methyl | 0.36 | ug/L | U |
| Nitrobenzene | 0.36 | ug/L | U |
| Pentachlorophenol | 7.2 | ug/L | UJ |
| Phenanthrene | 0.36 | ug/L | U |
| Phenol | 0.36 | ug/L | U |
| Pyrene | 0.36 | ug/L | U |
| Pyridine | 1.8 | ug/L | U |
| 1,1'-Biphenyl, 2-fluoro | 40 | %Rec | |
| 1,2-Dichlorobenzene-d4 | 41 | %Rec | |
| 2-chlorophenol-d4 | 85 | %Rec | |
| d5-Phenol | 20 | %Rec | |
| Nitrobenzene-d5 | 88 | %Rec | |
| Phenol, 2-fluoro | 35 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Pyrene d10 | 91 | %Rec | |
| Terphenol-d14 | 77 | %Rec | |

# Manchester Environmental Laboratory

## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Semi-volatiles - Tentatives** | | | |
| Unknown 01 | 5.2 | ug/L | JN |
| Unknown 02 | 0.65 | ug/L | JN |
| Unknown 03 | 1.2 | ug/L | JN |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report



**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** BW4311
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **GC** | | | |
| **Total Petroleum HydroC** | | | |
| Diesel | 0.13 | mg/L | U |
| Gasoline | 0.05 | mg/L | U |
| Motor Oil | 0.5 | mg/L | U |
| PENTACOSANE | 120 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** BW4327DE
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **GC** | | | |
| **Polychlorinated Biphenyl** | | | |
| PCB-1016 | 0.087 | ug/L | U |
| PCB-1221 | 0.087 | ug/L | U |
| PCB-1232 | 0.087 | ug/L | U |
| PCB-1242 | 0.087 | ug/L | U |
| PCB-1248 | 0.087 | ug/L | U |
| PCB-1254 | 0.087 | ug/L | U |
| PCB-1260 | 0.091 | ug/L | U |
| Decachlorobiphenyl | 96 | %Rec | |
| Tetrachlorometaxylene | 43 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report



**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** BW4327E
**Type:** Blank
**Station Description:**

## GC

**Polychlorinated Biphenyl**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| PCB-1016 | 0.091 | ug/L | U |
| PCB-1221 | 0.091 | ug/L | U |
| PCB-1232 | 0.091 | ug/L | U |
| PCB-1242 | 0.091 | ug/L | U |
| PCB-1248 | 0.091 | ug/L | U |
| PCB-1254 | 0.091 | ug/L | U |
| PCB-1260 | 0.095 | ug/L | U |
| Decachlorobiphenyl | 110 | %Rec | |
| Tetrachlorometaxylene | 61 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** KBS4313A
**Type:** Blank
**Station Description:**

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 2.5 | ug/kg | U |
| 1,1,1-Trichloroethane | 2.5 | ug/kg | U |
| 1,1,2-Trichloroethane | 2.5 | ug/kg | U |
| 1,1-Dichloroethane | 2.5 | ug/kg | U |
| 1,1-Dichloropropene | 2.5 | ug/kg | U |
| 1,2,3-Trichloropropane | 2.5 | ug/kg | U |
| 1,2,4-Trichlorobenzene | 12.5 | ug/kg | U |
| 1,2-Dibromo-3-chloropropane | 2.5 | ug/kg | UJ |
| 1,2-Dibromoethane | 2.5 | ug/kg | U |
| 1,2-Dichlorobenzene | 2.5 | ug/kg | U |
| 1,2-Dichloroethane | 2.5 | ug/kg | U |
| 1,2-Dichloropropane | 2.5 | ug/kg | U |
| 1,3-Dichlorobenzene | 2.5 | ug/kg | U |
| 1,3-Dichloropropane | 2.5 | ug/kg | U |
| 1,4-Dichlorobenzene | 2.5 | ug/kg | U |
| 2,2-Dichloropropane | 2.5 | ug/kg | U |
| **2-Butanone** | **3.8** | **ug/kg** | **J** |
| 2-Chlorotoluene | 2.5 | ug/kg | U |
| 2-Hexanone | 2.5 | ug/kg | U |
| **2-Propanone** | **13** | **ug/kg** | **J** |
| 4-Chlorotoluene | 2.5 | ug/kg | U |
| 4-Methyl-2-Pentanone | 2.5 | ug/kg | U |
| Benzene | 2.5 | ug/kg | U |
| Benzene, (1-methylethyl) | 2.5 | ug/kg | U |
| Benzene, (1-methylpropyl) | 2.5 | ug/kg | U |
| Benzene, 1,2,3-trichloro | 12.5 | ug/kg | UJ |
| Benzene, 1,2,4-trimethyl | 2.5 | ug/kg | U |
| Benzene, 1,2-dimethyl | 2.5 | ug/kg | U |
| Benzene, 1,3,5-trimethyl | 2.5 | ug/kg | U |
| Benzene, 1-methyl-4-(1-meth | 2.5 | ug/kg | U |
| Benzene, chloro | 2.5 | ug/kg | U |
| Benzene, ethyl | 2.5 | ug/kg | U |
| Benzene, propyl | 2.5 | ug/kg | U |
| Bromobenzene | 2.5 | ug/kg | U |
| Bromochloromethane | 2.5 | ug/kg | U |
| Bromodichloromethane | 2.5 | ug/kg | U |
| Bromoform | 2.5 | ug/kg | U |
| Bromomethane | 2.5 | ug/kg | U |
| Butylbenzene | 2.5 | ug/kg | U |
| **Carbon disulfide** | **2.0** | **ug/kg** | **J** |
| Carbon Tetrachloride | 2.5 | ug/kg | U |
| Chloroethane | 2.5 | ug/kg | U |
| Chloroform | 2.5 | ug/kg | U |
| Chloromethane | 2.5 | ug/kg | U |
| cis-1,2-Dichloroethene | 2.5 | ug/kg | U |
| Cis-1,3-Dichloropropene | 2.6 | ug/kg | U |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 2.5 | ug/kg | U |
| Dibromomethane | 2.5 | ug/kg | U |
| Ethane, 1,1,2,2-tetrachl | 2.5 | ug/kg | UJ |
| Ethene, 1,1-dichloro | 2.5 | ug/kg | U |
| **Ethene, tetrachloro** | **0.39** | **ug/kg** | **J** |
| Hexachlorobutadiene | 12.5 | ug/kg | U |
| Methane, Dichlorodif | 2.5 | ug/kg | UJ |
| **Methylene Chloride** | **0.7** | **ug/kg** | **J** |
| MP-Xylene | 5.0 | ug/kg | U |
| **Naphthalene** | **2.4** | **ug/kg** | **J** |
| Styrene | 2.5 | ug/kg | U |
| tert-Butylbenzene | 2.5 | ug/kg | U |
| Toluene | 2.5 | ug/kg | U |
| Total Xylenes | 5.0 | ug/kg | U |
| trans-1,2-Dichloroethene | 2.5 | ug/kg | U |
| Trans-1,3-Dichloropropene | 2.4 | ug/kg | U |
| Trichloroethene | 2.5 | ug/kg | U |
| Trichlorofluoromethane | 2.5 | ug/kg | U |
| Vinyl Chloride | 2.5 | ug/kg | U |
| 1,2-Dichlorobenzene-d4 | 103 | %Rec | |
| 1,2-Dichloroethane-d4 | 108 | %Rec | |
| Benzene, fluoro | 99 | %Rec | |
| p-Bromofluorobenzene | 100 | %Rec | |
| Toluene-d8 | 99 | %Rec | |

**Volatiles - Tentatives**

| | | | |
|---|---|---|---|
| **Unknown 01** | **3.0** | **ug/kg** | **JN** |
| **Unknown 02** | **2.8** | **ug/kg** | **JN** |
| **Unknown 03** | **2.9** | **ug/kg** | **JN** |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory

## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** KBW4315
**Type:** Blank
**Station Description:**

## GCMS

### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 5.0 | ug/L | UJ |
| 1,2-Dibromo-3-chloropropane | 2.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dichloroethane | 1.0 | ug/L | U |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| **2-Butanone** | **0.98** | **ug/L** | **J** |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| **2-Propanone** | **1.9** | **ug/L** | **J** |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 10 | ug/L | UJ |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| Bromomethane | 1.0 | ug/L | U |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 1.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 2.0 | ug/L | U |
| Methane, Dichlorodif | 2.0 | ug/L | U |
| **Methylene Chloride** | **0.27** | **ug/L** | **J** |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 10 | ug/L | UJ |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| Toluene | 1.0 | ug/L | U |
| Total Xylenes | 2 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 5.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 98 | %Rec | |
| 1,2-Dichloroethane-d4 | 97 | %Rec | |
| Benzene, fluoro | 99 | %Rec | |
| p-Bromofluorobenzene | 92 | %Rec | |
| Toluene-d8 | 101 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory

## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** S941115A
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.020 | mg/kg | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** S941122A
**Type:** Blank
**Station Description:**

## MET

### Arsenic by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 0.15 | mg/kg | U |

### Lead by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **Lead** | **0.18** | **mg/kg** | **P** |

### Selenium by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Selenium | 0.20 | mg/kg | U |

### Thallium by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Thallium | 0.25 | mg/kg | U |

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 2.0 | mg/kg | U |
| Antimony | 4.0 | mg/kg | U |
| Barium | 0.20 | mg/kg | U |
| Beryllium | 0.050 | mg/kg | U |
| Cadmium | 0.20 | mg/kg | U |
| **Calcium** | **1.17** | **mg/kg** | |
| Chromium | 0.50 | mg/kg | U |
| Cobalt | 1.0 | mg/kg | U |
| Copper | 0.30 | mg/kg | U |
| **Iron** | **1.2** | **mg/kg** | **P** |
| Magnesium | 2.0 | mg/kg | U |
| Manganese | 0.10 | mg/kg | U |
| Nickel | 1.0 | mg/kg | U |
| **Potassium** | **87** | **mg/kg** | **P** |
| Silver | 0.30 | mg/kg | U |
| **Sodium** | **4.1** | **mg/kg** | **P** |
| Vanadium | 0.30 | mg/kg | U |
| Zinc | 0.40 | mg/kg | U |

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** S941122A
**Type:** Spike Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **Selenium by AA, RAS** | | | |
| Selenium | 99 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Solid
**Sample Number:** S941130C
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.020 | mg/kg | U |

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** VBW4300
**Type:** Blank
**Station Description:**

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 5.0 | ug/L | U |
| 1,2-Dibromo-3-chloropropane | 2.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dichloroethane | 1.0 | ug/L | U |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| **2-Butanone** | **0.83** | **ug/L** | **J** |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| **2-Propanone** | **2.1** | **ug/L** | |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 10.0 | ug/L | UJ |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| Bromomethane | 1.0 | ug/L | U |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 1.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 2.0 | ug/L | U |
| Methane, Dichlorodif | 2.0 | ug/L | U |
| **Methylene Chloride** | **0.29** | **ug/L** | **J** |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 10.0 | ug/L | UJ |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| Toluene | 1.0 | ug/L | U |
| Total Xylenes | 2.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 5.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 98 | %Rec | |
| 1,2-Dichloroethane-d4 | 97 | %Rec | |
| Benzene, fluoro | 100 | %Rec | |
| p-Bromofluorobenzene | 94 | %Rec | |
| Toluene-d8 | 101 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** VBW4300A
**Type:** Blank
**Station Description:**

## GCMS
### Volatiles

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 1.0 | ug/L | U |
| 1,1,1-Trichloroethane | 1.0 | ug/L | U |
| 1,1,2-Trichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloroethane | 1.0 | ug/L | U |
| 1,1-Dichloropropene | 1.0 | ug/L | U |
| 1,2,3-Trichloropropane | 1.0 | ug/L | U |
| 1,2,4-Trichlorobenzene | 5.0 | ug/L | U |
| 1,2-Dibromo-3-chloropropane | 2.0 | ug/L | U |
| 1,2-Dibromoethane | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene | 1.0 | ug/L | U |
| 1,2-Dichloroethane | 1.0 | ug/L | U |
| 1,2-Dichloropropane | 1.0 | ug/L | U |
| 1,3-Dichlorobenzene | 1.0 | ug/L | U |
| 1,3-Dichloropropane | 1.0 | ug/L | U |
| 1,4-Dichlorobenzene | 1.0 | ug/L | U |
| 2,2-Dichloropropane | 1.0 | ug/L | U |
| **2-Butanone** | **0.77** | **ug/L** | **J** |
| 2-Chlorotoluene | 1.0 | ug/L | U |
| 2-Hexanone | 1.0 | ug/L | U |
| **2-Propanone** | **2.9** | **ug/L** | |
| 4-Chlorotoluene | 1.0 | ug/L | U |
| 4-Methyl-2-Pentanone | 1.0 | ug/L | U |
| Benzene | 1.0 | ug/L | U |
| Benzene, (1-methylethyl) | 1.0 | ug/L | U |
| Benzene, (1-methylpropyl) | 1.0 | ug/L | U |
| Benzene, 1,2,3-trichloro | 10.0 | ug/L | UJ |
| Benzene, 1,2,4-trimethyl | 1.0 | ug/L | U |
| Benzene, 1,2-dimethyl | 1.0 | ug/L | U |
| Benzene, 1,3,5-trimethyl | 1.0 | ug/L | U |
| Benzene, 1-methyl-4-(1-meth | 1.0 | ug/L | U |
| Benzene, chloro | 1.0 | ug/L | U |
| Benzene, ethyl | 1.0 | ug/L | U |
| Benzene, propyl | 1.0 | ug/L | U |
| Bromobenzene | 1.0 | ug/L | U |
| Bromochloromethane | 1.0 | ug/L | U |
| Bromodichloromethane | 1.0 | ug/L | U |
| Bromoform | 1.0 | ug/L | U |
| Bromomethane | 1.0 | ug/L | U |
| Butylbenzene | 1.0 | ug/L | U |
| Carbon disulfide | 1.0 | ug/L | U |
| Carbon Tetrachloride | 1.0 | ug/L | U |
| Chloroethane | 1.0 | ug/L | U |
| Chloroform | 1.0 | ug/L | U |
| Chloromethane | 1.0 | ug/L | U |
| cis-1,2-Dichloroethene | 1.0 | ug/L | U |
| Cis-1,3-Dichloropropene | 1.1 | ug/L | U |

# Manchester Environmental Laboratory
## Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Dibromochloromethane | 1.0 | ug/L | U |
| Dibromomethane | 1.0 | ug/L | U |
| Ethane, 1,1,2,2-tetrachl | 1.0 | ug/L | U |
| Ethene, 1,1-dichloro | 1.0 | ug/L | U |
| Ethene, tetrachloro | 1.0 | ug/L | U |
| Hexachlorobutadiene | 2.0 | ug/L | U |
| Methane, Dichlorodif | 2.0 | ug/L | U |
| **Methylene Chloride** | **0.66** | **ug/L** | **J** |
| MP-Xylene | 2.0 | ug/L | U |
| Naphthalene | 10.0 | ug/L | UJ |
| Styrene | 1.0 | ug/L | U |
| tert-Butylbenzene | 1.0 | ug/L | U |
| Toluene | 1.0 | ug/L | U |
| Total Xylenes | 2.0 | ug/L | U |
| trans-1,2-Dichloroethene | 1.0 | ug/L | U |
| Trans-1,3-Dichloropropene | 0.94 | ug/L | U |
| Trichloroethene | 1.0 | ug/L | U |
| Trichlorofluoromethane | 5.0 | ug/L | U |
| Vinyl Chloride | 1.0 | ug/L | U |
| 1,2-Dichlorobenzene-d4 | 98 | %Rec | |
| 1,2-Dichloroethane-d4 | 96 | %Rec | |
| Benzene, fluoro | 101 | %Rec | |
| p-Bromofluorobenzene | 96 | %Rec | |
| Toluene-d8 | 100 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** W941115A
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** W941122B
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** W941122C
**Type:** Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **All MERCURY tests** | | | |
| Mercury | 0.20 | ug/L | U |

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** W941129A
**Type:** Blank
**Station Description:**

## MET

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| Barium | 2.0 | ug/L | U |
| **Beryllium** | **0.52** | **ug/L** | **P** |
| Cadmium | 2.0 | ug/L | U |
| **Calcium** | **11.2** | **ug/L** | |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| Iron | 10 | ug/L | U |
| Magnesium | 20 | ug/L | U |
| Manganese | 1.0 | ug/L | U |
| Nickel | 10 | ug/L | U |
| Potassium | 350 | ug/L | U |
| Silver | 3.0 | ug/L | U |
| **Sodium** | **161** | **ug/L** | |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |

### Metals, ICP/MS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 1.0 | ug/L | U |
| Lead | 0.50 | ug/L | U |
| Selenium | 2.0 | ug/L | U |
| Thallium | 1.0 | ug/L | U |

# Final Report

| Analyte | Result | Units | Qlfr | Analyte | Result | Units | Qlfr |
|---|---|---|---|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** W941201A
**Type:** Blank
**Station Description:**

## MET

### Arsenic by AA, RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Arsenic | 1.5 | ug/L | U |

### Metals, ICP RAS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Aluminum | 20 | ug/L | U |
| Antimony | 40 | ug/L | U |
| Barium | 2.0 | ug/L | U |
| Beryllium | 0.50 | ug/L | U |
| Cadmium | 2.0 | ug/L | U |
| Calcium | 5.0 | ug/L | U |
| Chromium | 5.0 | ug/L | U |
| Cobalt | 10 | ug/L | U |
| Copper | 3.0 | ug/L | U |
| Iron | 10 | ug/L | U |
| Magnesium | 20 | ug/L | U |
| Manganese | 1.0 | ug/L | U |
| Nickel | 10 | ug/L | U |
| Potassium | 350 | ug/L | U |
| Silver | 3.0 | ug/L | U |
| Sodium | 20 | ug/L | U |
| Vanadium | 3.0 | ug/L | U |
| Zinc | 4.0 | ug/L | U |

### Metals, ICP/MS

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Lead | 0.50 | ug/L | U |
| Selenium | 2.0 | ug/L | U |

# Final Report

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| Thallium | 1.0 | ug/L | U |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|

# Manchester Environmental Laboratory
## Final Report

**Project Code:** TEC-637A
**Project Name:** SPOKANE JUNKYARD
**Project Officer:** KEVIN ROCHLIN
**Account Code:** 955T10PTFA10A5U

**Collected:**
**Matrix:** Liquid-Total
**Sample Number:** W941201A
**Type:** Spike Blank
**Station Description:**

| Analyte | Result | Units | Qlfr |
|---|---|---|---|
| **MET** | | | |
| **Arsenic by AA, RAS** | | | |
| Arsenic | 94 | %Rec | |

| Analyte | Result | Units | Qlfr |
|---|---|---|---|