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October 11, 2018

Jeff Wright
Weston Solutions, Inc.
13702 Coursey Blvd.,
Bldg #7, Ste A
Baton Rouge, LA 70817

Work Order: **HS18100338**

Laboratory Results for: **FJ Doyle Site**

Dear Jeff,

ALS Environmental received 32 sample(s) on Oct 08, 2018 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

**Generated By: JUMOKE.LAWAL**

Bernadette A. Fini
Project Manager

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**Work Order:** HS18100338

## SAMPLE SUMMARY

| Lab Samp ID | Client Sample ID | Matrix | TagNo | Collection Date | Date Received | Hold |
|---|---|---|---|---|---|---|
| HS18100338-01 | DRA32-20181004-12-23 | Water | | 04-Oct-2018 11:30 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-02 | DRA29-20181004-01-51 | Soil | | 04-Oct-2018 08:42 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-03 | DRA29-20181004-06-51 | Soil | | 04-Oct-2018 08:59 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-04 | DRA29-20181004-06-52 | Soil | | 04-Oct-2018 08:59 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-05 | DRA29-20181004-12-51 | Soil | | 04-Oct-2018 09:17 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-06 | DRA30-20181004-01-51 | Soil | | 04-Oct-2018 09:31 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-07 | DRA30-20181004-06-51 | Soil | | 04-Oct-2018 09:51 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-08 | DRA30-20181004-12-51 | Soil | | 04-Oct-2018 10:05 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-09 | DRA31-20181004-01-51 | Soil | | 04-Oct-2018 10:40 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-10 | DRA31-20181004-06-51 | Soil | | 04-Oct-2018 11:05 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-11 | DRA31-20181004-12-51 | Soil | | 04-Oct-2018 11:15 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-12 | DRA32-20181004-01-51 | Soil | | 04-Oct-2018 10:45 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-13 | DRA32-20181004-06-51 | Soil | | 04-Oct-2018 10:55 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-14 | DRA32-20181004-06-52 | Soil | | 04-Oct-2018 10:55 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-15 | DRA32-20181004-12-51 | Soil | | 04-Oct-2018 11:15 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-16 | FJD04-09-PCS01-20181004-81 | Paint | | 04-Oct-2018 16:16 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-17 | FJD04-09-WS01-20181004-81 | Wipe | | 04-Oct-2018 14:11 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-18 | FJD04-09-WS01-20181004-82 | Wipe | | 04-Oct-2018 14:13 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-19 | FJD04-09-WS02-20181004-81 | Wipe | | 04-Oct-2018 14:16 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-20 | FJD04-09-WS03-20181004-81 | Wipe | | 04-Oct-2018 14:20 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-21 | FJD04-09-WS04-20181004-81 | Wipe | | 04-Oct-2018 14:26 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-22 | FJD04-09-WS05-20181004-81 | Wipe | | 04-Oct-2018 14:28 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-23 | FJD04-09-WS05-20181004-82 | Wipe | | 04-Oct-2018 14:31 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-24 | FJD04-09-WS06-20181004-81 | Wipe | | 04-Oct-2018 14:33 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-25 | FJD04-09-WS07-20181004-81 | Wipe | | 04-Oct-2018 14:36 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-26 | FJD04-09-WS08-20181004-81 | Wipe | | 04-Oct-2018 14:38 | 08-Oct-2018 10:30 | ☐ |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**Work Order:** HS18100338

## SAMPLE SUMMARY

| Lab Samp ID | Client Sample ID | Matrix | TagNo | Collection Date | Date Received | Hold |
|---|---|---|---|---|---|---|
| HS18100338-27 | FJD04-09-WS09-20181004-81 | Wipe | | 04-Oct-2018 14:42 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-28 | FJD04-09-WS10-20181004-81 | Wipe | | 04-Oct-2018 14:46 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-29 | FJD04-09-WS11-20181004-81 | Wipe | | 04-Oct-2018 14:54 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-30 | FJD04-09-WS12-20181004-81 | Wipe | | 04-Oct-2018 14:58 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-31 | FJD04-09-WS13-20181004-81 | Wipe | | 04-Oct-2018 15:02 | 08-Oct-2018 10:30 | ☐ |
| HS18100338-32 | FJD04-09-WS14-20181004-81 | Wipe | | 04-Oct-2018 15:06 | 08-Oct-2018 10:30 | ☐ |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**Work Order:** HS18100338

**CASE NARRATIVE**

## Work Order Comments

- Login notes:

  Samples received out of temp. Per client email 10-8-18 continue with analysis.
  Sample collection times differ for the following: DRA31-20181004-12-51 - COC = 11:15, Sx = 11:14. FJD04-09-WS14-20181004-81 - COC = 15:06, Sx = 14:06. Samples logged in per chain.

## ECD Organics by Method SW8082

### Batch ID: 133300,133307,133318,133387

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

## GCMS Semivolatiles by Method SW8270

### Batch ID: 133244

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

### Batch ID: 133297

**Sample ID: DRA29-20181004-01-51 (HS18100338-02MS)**

- One or more of the matrix spike compounds for the EPA 8270 analysis were recovered outside of the quality control limits due to sample matrix interferences. The LCS sample associated to this sample was within control limits.

**Sample ID: DRA29-20181004-01-51 (HS18100338-02MSD)**

- One or more of the matrix spike compounds for the EPA 8270 analysis were recovered outside of the quality control limits due to sample matrix interferences. The LCS sample associated to this sample was within control limits.

## Metals by Method SW7471A

### Batch ID: 133369

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

## Metals by Method SW7470

### Batch ID: 133349

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

## Metals by Method SW6020

### Batch ID: 133282

**Sample ID: DRA29-20181004-01-51 (HS18100338-02MS)**

- MS and MSD failed for Antimony, Chromium, Magnesium, Potassium, Vanadium, but passed in PSD

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Calcium, Manganese, Zinc, Iron, Barium

- Copper failed in MS and MSD, but passed in PDS

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Aluminum

**Sample ID: DRA29-20181004-01-51 (HS18100338-02MSD)**

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**Work Order:** HS18100338

**CASE NARRATIVE**

## Metals by Method SW6020

### Batch ID: 133282

- Due to non-homogeneity of the soil sample matrix the MS/MSD recoveries and RPD were outside the control limits. Barium, Zinc

**Sample ID: DRA29-20181004-01-51 (HS18100338-02PDS)**

- The PDS recovery was outside method control limits, however the result in the parent sample is greater than 4x the spike amount. Zinc

**Sample ID: DRA29-20181004-01-51 (HS18100338-02SD)**

- The percent difference between the results of the sample and the serial dilution were greater than 10%. Copper

### Batch ID: 133292

**Sample ID: HS18100285-02MS**

- MS/MSD and DUPs are for an unrelated sample

## WetChemistry by Method ASTM D2216

### Batch ID: R325102

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: DRA32-20181004-12-23
Collection Date: 04-Oct-2018 11:30

**ANALYTICAL REPORT**
WorkOrder:HS18100338
Lab ID:HS18100338-01
Matrix:Water

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES** | | **Method:SW8270** | | | Prep:SW3510 / 08-Oct-2018 | | Analyst: GEY |
| 1,1´-Biphenyl | U | | 0.000024 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,4,5-Trichlorophenol | U | | 0.000057 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,4,6-Trichlorophenol | U | | 0.000048 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,4-Dichlorophenol | U | | 0.000043 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,4-Dimethylphenol | U | | 0.000040 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,4-Dinitrophenol | U | | 0.00010 | 0.0010 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,4-Dinitrotoluene | U | | 0.000058 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2,6-Dinitrotoluene | U | | 0.000042 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2-Chloronaphthalene | U | | 0.000021 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2-Chlorophenol | U | | 0.000036 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2-Methylnaphthalene | U | | 0.000019 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2-Methylphenol | U | | 0.000045 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2-Nitroaniline | U | | 0.000041 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 2-Nitrophenol | U | | 0.000034 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 3&4-Methylphenol | U | | 0.000036 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 3,3´-Dichlorobenzidine | U | | 0.000044 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 3-Nitroaniline | U | | 0.000049 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4,6-Dinitro-2-methylphenol | U | | 0.000020 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4-Bromophenyl phenyl ether | U | | 0.000051 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4-Chloro-3-methylphenol | U | | 0.000032 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4-Chloroaniline | U | | 0.000039 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4-Chlorophenyl phenyl ether | U | | 0.000044 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4-Nitroaniline | U | | 0.000035 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| 4-Nitrophenol | U | | 0.000047 | 0.0010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Acenaphthene | U | | 0.000027 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Acenaphthylene | U | | 0.000015 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Acetophenone | U | | 0.000024 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Anthracene | U | | 0.000014 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Atrazine | U | | 0.000033 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Benz(a)anthracene | U | | 0.000050 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Benzaldehyde | U | n | 0.000030 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Benzo(a)pyrene | U | | 0.000020 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Benzo(b)fluoranthene | U | | 0.000023 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Benzo(g,h,i)perylene | U | | 0.000014 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Benzo(k)fluoranthene | U | | 0.000019 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.000070 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Bis(2-chloroethoxy)methane | U | | 0.000030 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Bis(2-chloroethyl)ether | U | | 0.000026 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| **Bis(2-ethylhexyl)phthalate** | **0.00014** | J | **0.000037** | **0.00020** | **mg/L** | 1 | 10-Oct-2018 14:40 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-12-23 | Lab ID:HS18100338-01 | |
| Collection Date: | 04-Oct-2018 11:30 | Matrix:Water | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES** | | **Method:SW8270** | | | Prep:SW3510 / 08-Oct-2018 | | Analyst: GEY |
| Butyl benzyl phthalate | U | | 0.000019 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| **Caprolactam** | **0.00027** | | **0.000045** | **0.00020** | **mg/L** | 1 | 10-Oct-2018 14:40 |
| Carbazole | U | | 0.000025 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Chrysene | U | | 0.000021 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Dibenz(a,h)anthracene | U | | 0.000024 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Dibenzofuran | U | | 0.000020 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Diethyl phthalate | U | | 0.000030 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Dimethyl phthalate | U | | 0.000041 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| **Di-n-butyl phthalate** | **0.00023** | | **0.000020** | **0.00020** | **mg/L** | 1 | 10-Oct-2018 14:40 |
| Di-n-octyl phthalate | U | | 0.000020 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Fluoranthene | U | | 0.000010 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Fluorene | U | | 0.000030 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Hexachlorobenzene | U | | 0.000044 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Hexachlorobutadiene | U | | 0.000030 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Hexachlorocyclopentadiene | U | | 0.000030 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Hexachloroethane | U | | 0.000059 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Indeno(1,2,3-cd)pyrene | U | | 0.000022 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Isophorone | U | | 0.000025 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Naphthalene | U | | 0.000020 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Nitrobenzene | U | | 0.000024 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| N-Nitrosodi-n-propylamine | U | | 0.000032 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| N-Nitrosodiphenylamine | U | | 0.000025 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Pentachlorophenol | U | | 0.000079 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Phenanthrene | U | | 0.000021 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| Phenol | U | | 0.000035 | 0.00020 | mg/L | 1 | 10-Oct-2018 14:40 |
| Pyrene | U | | 0.000019 | 0.00010 | mg/L | 1 | 10-Oct-2018 14:40 |
| *Surr: 2,4,6-Tribromophenol* | *69.1* | | | *34-129* | *%REC* | *1* | *10-Oct-2018 14:40* |
| *Surr: 2-Fluorobiphenyl* | *76.7* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 14:40* |
| *Surr: 2-Fluorophenol* | *54.6* | | | *20-120* | *%REC* | *1* | *10-Oct-2018 14:40* |
| *Surr: 4-Terphenyl-d14* | *89.4* | | | *40-135* | *%REC* | *1* | *10-Oct-2018 14:40* |
| *Surr: Nitrobenzene-d5* | *71.5* | | | *41-120* | *%REC* | *1* | *10-Oct-2018 14:40* |
| *Surr: Phenol-d6* | *59.1* | | | *20-120* | *%REC* | *1* | *10-Oct-2018 14:40* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-12-23 | Lab ID:HS18100338-01 | |
| Collection Date: | 04-Oct-2018 11:30 | Matrix:Water | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3510C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.000667 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| Aroclor 1221 | U | | 0.000625 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| Aroclor 1232 | U | | 0.000625 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| Aroclor 1242 | U | | 0.000500 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| Aroclor 1248 | U | | 0.000625 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| Aroclor 1254 | U | | 0.000625 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| Aroclor 1260 | U | | 0.000833 | 0.00208 | mg/L | 1 | 10-Oct-2018 12:18 |
| *Surr: Decachlorobiphenyl* | *113* | | | *54-140* | *%REC* | *1* | *10-Oct-2018 12:18* |
| *Surr: Tetrachloro-m-xylene* | *95.7* | | | *53-137* | *%REC* | *1* | *10-Oct-2018 12:18* |
| **ICP-MS METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3010A / 09-Oct-2018 | | Analyst: JC |
| **Aluminum** | **0.0423** | | **0.00180** | **0.0100** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| Antimony | U | | 0.000400 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| Arsenic | U | | 0.000400 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| **Barium** | **0.00453** | | **0.00190** | **0.00400** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Beryllium** | **0.000215** | J | **0.000200** | **0.00200** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| Cadmium | U | | 0.000200 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| **Calcium** | **1.81** | | **0.0340** | **0.500** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Chromium** | **0.000570** | J | **0.000400** | **0.00400** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Cobalt** | **0.000264** | J | **0.000200** | **0.00500** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Copper** | **0.00830** | | **0.00100** | **0.00200** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| Iron | U | | 0.0120 | 0.200 | mg/L | 1 | 11-Oct-2018 15:27 |
| Lead | U | | 0.000600 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| **Magnesium** | **0.320** | | **0.0100** | **0.200** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Manganese** | **0.0193** | | **0.000700** | **0.00500** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Nickel** | **0.000818** | J | **0.000600** | **0.00200** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **Potassium** | **0.180** | J | **0.0180** | **0.200** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| Selenium | U | | 0.00110 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| Silver | U | | 0.000200 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| **Sodium** | **0.368** | | **0.0140** | **0.200** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| Thallium | U | | 0.000200 | 0.00200 | mg/L | 1 | 11-Oct-2018 15:27 |
| Vanadium | U | | 0.000600 | 0.00500 | mg/L | 1 | 11-Oct-2018 15:27 |
| **Zinc** | **0.00706** | | **0.00200** | **0.00400** | **mg/L** | 1 | 11-Oct-2018 15:27 |
| **MERCURY BY SW7470A** | | **Method:SW7470** | | | Prep:SW7470 / 10-Oct-2018 | | Analyst: JCJ |
| Mercury | U | | 0.0000300 | 0.000200 | mg/L | 1 | 10-Oct-2018 16:05 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: DRA29-20181004-01-51
Collection Date: 04-Oct-2018 08:42

**ANALYTICAL REPORT**
WorkOrder:HS18100338
Lab ID:HS18100338-02
Matrix:Soil

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,4,5-Trichlorophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,4,6-Trichlorophenol | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,4-Dimethylphenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,4-Dinitrophenol | U | | 0.0055 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2,6-Dinitrotoluene | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2-Chlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2-Methylnaphthalene | U | | 0.00062 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2-Methylphenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 2-Nitrophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 3,3´-Dichlorobenzidine | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 3-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0026 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4-Bromophenyl phenyl ether | U | | 0.0020 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4-Chloro-3-methylphenol | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4-Chloroaniline | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4-Nitroaniline | U | | 0.0027 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Acenaphthene | U | | 0.00062 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Acenaphthylene | U | | 0.0012 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Acetophenone | U | | 0.00099 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Anthracene | U | | 0.00062 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Atrazine | U | | 0.0025 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Benz(a)anthracene | U | | 0.0020 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Benzaldehyde | U | n | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Benzo(a)pyrene | U | | 0.0012 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Benzo(b)fluoranthene | U | | 0.0015 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Benzo(g,h,i)perylene | U | | 0.00086 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Benzo(k)fluoranthene | U | | 0.0011 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| **Bis(2-ethylhexyl)phthalate** | **0.0069** | J | **0.0021** | **0.0081** | **mg/Kg-dry** | 1 | 10-Oct-2018 13:56 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-01-51 | Lab ID:HS18100338-02 | |
| Collection Date: | 04-Oct-2018 08:42 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Caprolactam | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Carbazole | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Chrysene | U | | 0.00099 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Dibenz(a,h)anthracene | U | | 0.0020 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Dibenzofuran | U | | 0.00086 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Diethyl phthalate | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Dimethyl phthalate | U | | 0.00099 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Di-n-butyl phthalate | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Di-n-octyl phthalate | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| **Fluoranthene** | **0.0018** | J | **0.0014** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 13:56 |
| Fluorene | U | | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Hexachlorobenzene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Hexachlorobutadiene | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Hexachlorocyclopentadiene | U | | 0.00099 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Hexachloroethane | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Indeno(1,2,3-cd)pyrene | U | | 0.00099 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Isophorone | U | | 0.00099 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Naphthalene | U | | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Nitrobenzene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| N-Nitrosodi-n-propylamine | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| N-Nitrosodiphenylamine | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Pentachlorophenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Phenanthrene | U | | 0.0018 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| Phenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 13:56 |
| **Pyrene** | **0.0031** | J | **0.00074** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 13:56 |
| *Surr: 2,4,6-Tribromophenol* | *79.4* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 13:56* |
| *Surr: 2-Fluorobiphenyl* | *79.3* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 13:56* |
| *Surr: 2-Fluorophenol* | *53.4* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 13:56* |
| *Surr: 4-Terphenyl-d14* | *96.2* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 13:56* |
| *Surr: Nitrobenzene-d5* | *70.7* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 13:56* |
| *Surr: Phenol-d6* | *63.9* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 13:56* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-01-51 | Lab ID:HS18100338-02 | |
| Collection Date: | 04-Oct-2018 08:42 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0052 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| Aroclor 1221 | U | | 0.0069 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| Aroclor 1232 | U | | 0.0055 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| Aroclor 1242 | U | | 0.0073 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| Aroclor 1248 | U | | 0.0073 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| Aroclor 1254 | U | | 0.0058 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| Aroclor 1260 | U | | 0.0049 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 03:24 |
| *Surr: Decachlorobiphenyl* | *124* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 03:24* |
| *Surr: Tetrachloro-m-xylene* | *107* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 03:24* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **12,300** | | **27.5** | **237** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:32 |
| **Antimony** | **0.297** | J | **0.0770** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Arsenic** | **9.25** | | **0.0829** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Barium** | **122** | | **0.0355** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Beryllium** | **0.599** | | **0.0249** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Cadmium** | **0.502** | J | **0.0320** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Calcium** | **217,000** | | **588** | **5920** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:32 |
| **Chromium** | **18.0** | | **0.0273** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Cobalt** | **8.04** | | **0.0178** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Copper** | **31.7** | | **0.0450** | **0.237** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:11 |
| **Iron** | **12,100** | | **2.17** | **59.2** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Lead** | **28.5** | | **0.0154** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Magnesium** | **3,440** | | **2.97** | **59.2** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Manganese** | **1,270** | | **5.09** | **59.2** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:32 |
| **Nickel** | **17.3** | | **0.0569** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Potassium** | **1,610** | | **7.96** | **59.2** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Selenium** | **0.832** | | **0.108** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Silver** | **0.0820** | J | **0.0178** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Sodium** | **135** | | **4.94** | **59.2** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| Thallium | U | | 0.264 | 0.592 | mg/Kg-dry | 1 | 10-Oct-2018 22:08 |
| **Vanadium** | **43.2** | | **0.0889** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **Zinc** | **84.5** | | **0.201** | **0.592** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:08 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0246** | | **0.000617** | **0.00436** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:10 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **19.0** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA29-20181004-06-51 | | Lab ID:HS18100338-03 |
| Collection Date: | 04-Oct-2018 08:59 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,4,5-Trichlorophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,4,6-Trichlorophenol | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,4-Dimethylphenol | U | | 0.0039 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,4-Dinitrophenol | U | | 0.0054 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2,6-Dinitrotoluene | U | | 0.0039 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2-Chlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **2-Methylnaphthalene** | **0.0062** | | **0.00060** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |
| 2-Methylphenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 2-Nitrophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 3,3´-Dichlorobenzidine | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 3-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0025 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4-Bromophenyl phenyl ether | U | | 0.0019 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4-Chloro-3-methylphenol | U | | 0.00083 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4-Chloroaniline | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4-Nitroaniline | U | | 0.0026 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Acenaphthene | U | | 0.00060 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Acenaphthylene | U | | 0.0012 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Acetophenone | U | | 0.00095 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Anthracene | U | | 0.00060 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Atrazine | U | | 0.0024 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **Benz(a)anthracene** | **0.0075** | | **0.0019** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |
| Benzaldehyde | U | n | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Benzo(a)pyrene | U | | 0.0012 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Benzo(b)fluoranthene | U | | 0.0014 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Benzo(g,h,i)perylene | U | | 0.00083 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Benzo(k)fluoranthene | U | | 0.0011 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Bis(2-chloroethyl)ether | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **Bis(2-ethylhexyl)phthalate** | **0.0096** | | **0.0020** | **0.0079** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-06-51 | Lab ID:HS18100338-03 | |
| Collection Date: | 04-Oct-2018 08:59 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Caprolactam | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Carbazole | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **Chrysene** | **0.0073** | | **0.00095** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |
| Dibenz(a,h)anthracene | U | | 0.0019 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Dibenzofuran | U | | 0.00083 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Diethyl phthalate | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Dimethyl phthalate | U | | 0.00095 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Di-n-butyl phthalate | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Di-n-octyl phthalate | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Fluoranthene | U | | 0.0013 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **Fluorene** | **0.0043** | | **0.0013** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |
| Hexachlorobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Hexachlorobutadiene | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Hexachlorocyclopentadiene | U | | 0.00095 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Hexachloroethane | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Indeno(1,2,3-cd)pyrene | U | | 0.00095 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Isophorone | U | | 0.00095 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **Naphthalene** | **0.0014** | J | **0.00072** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |
| Nitrobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| N-Nitrosodi-n-propylamine | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| N-Nitrosodiphenylamine | U | | 0.00083 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Pentachlorophenol | U | | 0.0039 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| **Phenanthrene** | **0.020** | | **0.0018** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 14:58 |
| Phenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| Pyrene | U | | 0.00072 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 14:58 |
| *Surr: 2,4,6-Tribromophenol* | *77.6* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 14:58* |
| *Surr: 2-Fluorobiphenyl* | *77.4* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 14:58* |
| *Surr: 2-Fluorophenol* | *55.3* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 14:58* |
| *Surr: 4-Terphenyl-d14* | *82.3* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 14:58* |
| *Surr: Nitrobenzene-d5* | *70.9* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 14:58* |
| *Surr: Phenol-d6* | *65.8* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 14:58* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-06-51 | Lab ID:HS18100338-03 | |
| Collection Date: | 04-Oct-2018 08:59 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0050 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| Aroclor 1221 | U | | 0.0067 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| Aroclor 1232 | U | | 0.0054 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| Aroclor 1242 | U | | 0.0070 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| Aroclor 1248 | U | | 0.0070 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| Aroclor 1254 | U | | 0.0056 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| Aroclor 1260 | U | | 0.0048 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:43 |
| *Surr: Decachlorobiphenyl* | *133* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 04:43* |
| *Surr: Tetrachloro-m-xylene* | *116* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 04:43* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **15,900** | | **26.8** | **231** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:39 |
| **Antimony** | **0.240** | J | **0.0750** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Arsenic** | **11.2** | | **0.0808** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Barium** | **126** | | **0.0346** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Beryllium** | **0.704** | | **0.0242** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Cadmium** | **0.418** | J | **0.0312** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Calcium** | **225,000** | | **573** | **5770** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:39 |
| **Chromium** | **18.7** | | **0.0265** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Cobalt** | **8.80** | | **0.0173** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Copper** | **30.7** | | **0.0439** | **0.231** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:22 |
| **Iron** | **14,200** | | **2.11** | **57.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Lead** | **26.1** | | **0.0150** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Magnesium** | **3,410** | | **2.90** | **57.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Manganese** | **1,500** | | **4.96** | **57.7** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:39 |
| **Nickel** | **21.6** | | **0.0554** | **0.577** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:22 |
| **Potassium** | **1,560** | | **7.76** | **57.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Selenium** | **0.843** | | **0.105** | **0.577** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:22 |
| **Silver** | **0.0727** | J | **0.0173** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Sodium** | **137** | | **4.81** | **57.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| Thallium | U | | 0.257 | 0.577 | mg/Kg-dry | 1 | 10-Oct-2018 22:34 |
| **Vanadium** | **47.4** | | **0.0866** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **Zinc** | **61.0** | | **0.196** | **0.577** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:34 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0191** | | **0.000589** | **0.00417** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:15 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **16.3** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA29-20181004-06-52 | | Lab ID:HS18100338-04 |
| Collection Date: | 04-Oct-2018 08:59 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,4,5-Trichlorophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,4,6-Trichlorophenol | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,4-Dimethylphenol | U | | 0.0040 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,4-Dinitrophenol | U | | 0.0054 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2,6-Dinitrotoluene | U | | 0.0040 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2-Chlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **2-Methylnaphthalene** | **0.0031** | J | **0.00060** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| 2-Methylphenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 2-Nitrophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 3,3´-Dichlorobenzidine | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 3-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0025 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4-Bromophenyl phenyl ether | U | | 0.0019 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4-Chloro-3-methylphenol | U | | 0.00084 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4-Chloroaniline | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4-Nitroaniline | U | | 0.0026 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Acenaphthene | U | | 0.00060 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Acenaphthylene | U | | 0.0012 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Acetophenone | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Anthracene | U | | 0.00060 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Atrazine | U | | 0.0024 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Benz(a)anthracene** | **0.0052** | | **0.0019** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| Benzaldehyde | U | n | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Benzo(a)pyrene** | **0.0080** | | **0.0012** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| **Benzo(b)fluoranthene** | **0.0057** | | **0.0014** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| **Benzo(g,h,i)perylene** | **0.045** | | **0.00084** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| **Benzo(k)fluoranthene** | **0.0075** | | **0.0011** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Bis(2-chloroethyl)ether | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Bis(2-ethylhexyl)phthalate** | **0.011** | | **0.0020** | **0.0079** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-06-52 | Lab ID:HS18100338-04 | |
| Collection Date: | 04-Oct-2018 08:59 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Caprolactam | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Carbazole | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Chrysene** | **0.0064** | | **0.00096** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| **Dibenz(a,h)anthracene** | **0.039** | | **0.0019** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| Dibenzofuran | U | | 0.00084 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Diethyl phthalate | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Dimethyl phthalate | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Di-n-butyl phthalate** | **0.0022** | J | **0.0014** | **0.0079** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| Di-n-octyl phthalate | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Fluoranthene | U | | 0.0013 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Fluorene | U | | 0.0013 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Hexachlorobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Hexachlorobutadiene | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Hexachlorocyclopentadiene | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Hexachloroethane | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Indeno(1,2,3-cd)pyrene** | **0.040** | | **0.00096** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| Isophorone | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Naphthalene | U | | 0.00072 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Nitrobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| N-Nitrosodi-n-propylamine | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| N-Nitrosodiphenylamine | U | | 0.00084 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Pentachlorophenol | U | | 0.0040 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| **Phenanthrene** | **0.0069** | | **0.0018** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:18 |
| Phenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| Pyrene | U | | 0.00072 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:18 |
| *Surr: 2,4,6-Tribromophenol* | *80.1* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 15:18* |
| *Surr: 2-Fluorobiphenyl* | *77.3* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 15:18* |
| *Surr: 2-Fluorophenol* | *52.1* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 15:18* |
| *Surr: 4-Terphenyl-d14* | *88.9* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 15:18* |
| *Surr: Nitrobenzene-d5* | *74.0* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 15:18* |
| *Surr: Phenol-d6* | *64.2* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 15:18* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-06-52 | Lab ID:HS18100338-04 | |
| Collection Date: | 04-Oct-2018 08:59 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0050 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| Aroclor 1221 | U | | 0.0067 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| Aroclor 1232 | U | | 0.0054 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| Aroclor 1242 | U | | 0.0071 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| Aroclor 1248 | U | | 0.0071 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| Aroclor 1254 | U | | 0.0056 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| Aroclor 1260 | U | | 0.0048 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 04:58 |
| *Surr: Decachlorobiphenyl* | *124* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 04:58* |
| *Surr: Tetrachloro-m-xylene* | *95.6* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 04:58* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **16,900** | | **27.2** | **235** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:41 |
| **Antimony** | **0.251** | J | **0.0763** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Arsenic** | **11.0** | | **0.0822** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Barium** | **137** | | **0.0352** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Beryllium** | **0.734** | | **0.0247** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Cadmium** | **0.453** | J | **0.0317** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Calcium** | **186,000** | | **582** | **5870** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:41 |
| **Chromium** | **19.5** | | **0.0270** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Cobalt** | **9.12** | | **0.0176** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Copper** | **28.6** | | **0.0446** | **0.235** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:24 |
| **Iron** | **13,900** | | **2.15** | **58.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Lead** | **25.2** | | **0.0153** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Magnesium** | **2,850** | | **2.95** | **58.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Manganese** | **1,500** | | **5.05** | **58.7** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:41 |
| **Nickel** | **22.1** | | **0.0564** | **0.587** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:24 |
| **Potassium** | **1,620** | | **7.89** | **58.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Selenium** | **0.552** | J | **0.107** | **0.587** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:24 |
| **Silver** | **0.0944** | J | **0.0176** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Sodium** | **114** | | **4.90** | **58.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| Thallium | U | | 0.262 | 0.587 | mg/Kg-dry | 1 | 10-Oct-2018 22:36 |
| **Vanadium** | **50.4** | | **0.0881** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **Zinc** | **72.7** | | **0.200** | **0.587** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:36 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0219** | | **0.000602** | **0.00426** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:17 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **16.9** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-12-51 | Lab ID:HS18100338-05 | |
| Collection Date: | 04-Oct-2018 09:17 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0021 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,4,5-Trichlorophenol | U | | 0.0030 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,4,6-Trichlorophenol | U | | 0.0021 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,4-Dimethylphenol | U | | 0.0040 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,4-Dinitrophenol | U | | 0.0054 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2,6-Dinitrotoluene | U | | 0.0040 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2-Chlorophenol | U | | 0.0016 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| **2-Methylnaphthalene** | **0.012** | | **0.00061** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:37 |
| 2-Methylphenol | U | | 0.0013 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2-Nitroaniline | U | | 0.0023 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 2-Nitrophenol | U | | 0.0030 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 3,3´-Dichlorobenzidine | U | | 0.0030 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 3-Nitroaniline | U | | 0.0023 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0025 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4-Bromophenyl phenyl ether | U | | 0.0019 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4-Chloro-3-methylphenol | U | | 0.00085 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4-Chloroaniline | U | | 0.0013 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4-Nitroaniline | U | | 0.0027 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Acenaphthene | U | | 0.00061 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Acenaphthylene | U | | 0.0012 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Acetophenone | U | | 0.00097 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Anthracene | U | | 0.00061 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Atrazine | U | | 0.0024 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Benz(a)anthracene | U | | 0.0019 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Benzaldehyde | U | n | 0.0015 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Benzo(a)pyrene | U | | 0.0012 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Benzo(b)fluoranthene | U | | 0.0015 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Benzo(g,h,i)perylene | U | | 0.00085 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Benzo(k)fluoranthene | U | | 0.0011 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Bis(2-chloroethyl)ether | U | | 0.0013 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Bis(2-ethylhexyl)phthalate | U | | 0.0021 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-12-51 | Lab ID:HS18100338-05 | |
| Collection Date: | 04-Oct-2018 09:17 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Caprolactam | U | | 0.0015 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Carbazole | U | | 0.0015 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Chrysene | U | | 0.00097 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Dibenz(a,h)anthracene | U | | 0.0019 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Dibenzofuran | U | | 0.00085 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Diethyl phthalate | U | | 0.0012 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Dimethyl phthalate | U | | 0.00097 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Di-n-butyl phthalate | U | | 0.0015 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Di-n-octyl phthalate | U | | 0.0011 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Fluoranthene | U | | 0.0013 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| **Fluorene** | **0.0038** | J | **0.0013** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:37 |
| Hexachlorobenzene | U | | 0.0011 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Hexachlorobutadiene | U | | 0.0015 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Hexachlorocyclopentadiene | U | | 0.00097 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Hexachloroethane | U | | 0.0018 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Indeno(1,2,3-cd)pyrene | U | | 0.00097 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Isophorone | U | | 0.00097 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Naphthalene | U | | 0.00073 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Nitrobenzene | U | | 0.0011 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| N-Nitrosodi-n-propylamine | U | | 0.0013 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| N-Nitrosodiphenylamine | U | | 0.00085 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Pentachlorophenol | U | | 0.0040 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| **Phenanthrene** | **0.015** | | **0.0018** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:37 |
| Phenol | U | | 0.0013 | 0.0080 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| Pyrene | U | | 0.00073 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 15:37 |
| *Surr: 2,4,6-Tribromophenol* | *84.3* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 15:37* |
| *Surr: 2-Fluorobiphenyl* | *86.5* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 15:37* |
| *Surr: 2-Fluorophenol* | *62.4* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 15:37* |
| *Surr: 4-Terphenyl-d14* | *95.7* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 15:37* |
| *Surr: Nitrobenzene-d5* | *84.6* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 15:37* |
| *Surr: Phenol-d6* | *75.3* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 15:37* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA29-20181004-12-51 | Lab ID:HS18100338-05 | |
| Collection Date: | 04-Oct-2018 09:17 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0051 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| Aroclor 1221 | U | | 0.0068 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| Aroclor 1232 | U | | 0.0055 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| Aroclor 1242 | U | | 0.0072 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| Aroclor 1248 | U | | 0.0072 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| Aroclor 1254 | U | | 0.0057 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| Aroclor 1260 | U | | 0.0049 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 05:14 |
| *Surr: Decachlorobiphenyl* | *136* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 05:14* |
| *Surr: Tetrachloro-m-xylene* | *113* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 05:14* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **16,200** | | **26.2** | **226** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:43 |
| **Antimony** | **0.236** | J | **0.0734** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Arsenic** | **12.1** | | **0.0790** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Barium** | **150** | | **0.0339** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Beryllium** | **0.681** | | **0.0237** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Cadmium** | **0.457** | J | **0.0305** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Calcium** | **274,000** | | **560** | **5650** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:43 |
| **Chromium** | **18.1** | | **0.0260** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Cobalt** | **10.0** | | **0.0169** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Copper** | **15.5** | | **0.0429** | **0.226** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:32 |
| **Iron** | **13,900** | | **2.07** | **56.5** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Lead** | **68.7** | | **0.0147** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Magnesium** | **2,380** | | **2.83** | **56.5** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Manganese** | **1,590** | | **4.86** | **56.5** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:43 |
| **Nickel** | **20.7** | | **0.0542** | **0.565** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:32 |
| **Potassium** | **1,510** | | **7.59** | **56.5** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Selenium** | **1.43** | | **0.103** | **0.565** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:32 |
| **Silver** | **0.0743** | J | **0.0169** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Sodium** | **171** | | **4.71** | **56.5** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| Thallium | U | | 0.252 | 0.565 | mg/Kg-dry | 1 | 10-Oct-2018 22:39 |
| **Vanadium** | **50.9** | | **0.0847** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **Zinc** | **69.9** | | **0.192** | **0.565** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:39 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0251** | | **0.000605** | **0.00428** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:19 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **17.9** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: DRA30-20181004-01-51
Collection Date: 04-Oct-2018 09:31

**ANALYTICAL REPORT**
WorkOrder:HS18100338
Lab ID:HS18100338-06
Matrix:Soil

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0023 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,4,5-Trichlorophenol | U | | 0.0034 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,4,6-Trichlorophenol | U | | 0.0023 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,4-Dichlorophenol | U | | 0.0017 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,4-Dimethylphenol | U | | 0.0044 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,4-Dinitrophenol | U | | 0.0061 | 0.018 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,4-Dinitrotoluene | U | | 0.0012 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2,6-Dinitrotoluene | U | | 0.0044 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2-Chloronaphthalene | U | | 0.0017 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2-Chlorophenol | U | | 0.0017 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| **2-Methylnaphthalene** | **0.0035** | J | **0.00067** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:57 |
| 2-Methylphenol | U | | 0.0015 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2-Nitroaniline | U | | 0.0026 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 2-Nitrophenol | U | | 0.0034 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 3&4-Methylphenol | U | | 0.0013 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 3,3´-Dichlorobenzidine | U | | 0.0034 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 3-Nitroaniline | U | | 0.0026 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0028 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4-Bromophenyl phenyl ether | U | | 0.0022 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4-Chloro-3-methylphenol | U | | 0.00094 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4-Chloroaniline | U | | 0.0015 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4-Chlorophenyl phenyl ether | U | | 0.0020 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4-Nitroaniline | U | | 0.0030 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| 4-Nitrophenol | U | | 0.0026 | 0.018 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Acenaphthene | U | | 0.00067 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Acenaphthylene | U | | 0.0013 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Acetophenone | U | | 0.0011 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Anthracene | U | | 0.00067 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Atrazine | U | | 0.0027 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| **Benz(a)anthracene** | **0.0034** | J | **0.0022** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:57 |
| Benzaldehyde | U | n | 0.0016 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Benzo(a)pyrene | U | | 0.0013 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Benzo(b)fluoranthene | U | | 0.0016 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Benzo(g,h,i)perylene | U | | 0.00094 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Benzo(k)fluoranthene | U | | 0.0012 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0019 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Bis(2-chloroethoxy)methane | U | | 0.0012 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Bis(2-chloroethyl)ether | U | | 0.0015 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| **Bis(2-ethylhexyl)phthalate** | **0.0068** | J | **0.0023** | **0.0089** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:57 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA30-20181004-01-51 | Lab ID:HS18100338-06 | |
| Collection Date: | 04-Oct-2018 09:31 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0017 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Caprolactam | U | | 0.0016 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Carbazole | U | | 0.0016 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| **Chrysene** | **0.0032** | J | **0.0011** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:57 |
| Dibenz(a,h)anthracene | U | | 0.0022 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Dibenzofuran | U | | 0.00094 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Diethyl phthalate | U | | 0.0013 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Dimethyl phthalate | U | | 0.0011 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Di-n-butyl phthalate | U | | 0.0016 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Di-n-octyl phthalate | U | | 0.0012 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Fluoranthene | U | | 0.0015 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Fluorene | U | | 0.0015 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Hexachlorobenzene | U | | 0.0012 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Hexachlorobutadiene | U | | 0.0016 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Hexachlorocyclopentadiene | U | | 0.0011 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Hexachloroethane | U | | 0.0020 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Indeno(1,2,3-cd)pyrene | U | | 0.0011 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Isophorone | U | | 0.0011 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Naphthalene | U | | 0.00081 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Nitrobenzene | U | | 0.0012 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| N-Nitrosodi-n-propylamine | U | | 0.0015 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| N-Nitrosodiphenylamine | U | | 0.00094 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Pentachlorophenol | U | | 0.0044 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| **Phenanthrene** | **0.012** | | **0.0020** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 15:57 |
| Phenol | U | | 0.0015 | 0.0089 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| Pyrene | U | | 0.00081 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 15:57 |
| *Surr: 2,4,6-Tribromophenol* | *74.8* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 15:57* |
| *Surr: 2-Fluorobiphenyl* | *76.8* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 15:57* |
| *Surr: 2-Fluorophenol* | *55.5* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 15:57* |
| *Surr: 4-Terphenyl-d14* | *87.8* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 15:57* |
| *Surr: Nitrobenzene-d5* | *76.3* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 15:57* |
| *Surr: Phenol-d6* | *65.4* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 15:57* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA30-20181004-01-51 | Lab ID:HS18100338-06 | |
| Collection Date: | 04-Oct-2018 09:31 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0056 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| Aroclor 1221 | U | | 0.0075 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| Aroclor 1232 | U | | 0.0060 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| Aroclor 1242 | U | | 0.0079 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| Aroclor 1248 | U | | 0.0079 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| Aroclor 1254 | U | | 0.0063 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| Aroclor 1260 | U | | 0.0054 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 06:48 |
| *Surr: Decachlorobiphenyl* | *136* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 06:48* |
| *Surr: Tetrachloro-m-xylene* | *115* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 06:48* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **9,320** | | **29.5** | **255** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:45 |
| **Antimony** | **0.289** | J | **0.0827** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Arsenic** | **11.5** | | **0.0891** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Barium** | **100** | | **0.0382** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Beryllium** | **0.557** | J | **0.0267** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Cadmium** | **0.507** | J | **0.0344** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Calcium** | **219,000** | | **631** | **6360** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:45 |
| **Chromium** | **13.8** | | **0.0293** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Cobalt** | **6.56** | | **0.0191** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Copper** | **19.7** | | **0.0484** | **0.255** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:34 |
| **Iron** | **11,400** | | **2.33** | **63.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Lead** | **32.4** | | **0.0165** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Magnesium** | **3,410** | | **3.20** | **63.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Manganese** | **1,070** | | **5.47** | **63.6** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:45 |
| **Nickel** | **16.8** | | **0.0611** | **0.636** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:34 |
| **Potassium** | **1,450** | | **8.55** | **63.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Selenium** | **0.878** | | **0.116** | **0.636** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:34 |
| **Silver** | **0.0831** | J | **0.0191** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Sodium** | **308** | | **5.31** | **63.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| Thallium | U | | 0.284 | 0.636 | mg/Kg-dry | 1 | 10-Oct-2018 22:41 |
| **Vanadium** | **34.9** | | **0.0955** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **Zinc** | **81.2** | | **0.216** | **0.636** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:41 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0299** | | **0.000658** | **0.00465** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:21 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **26.0** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA30-20181004-06-51 | | Lab ID:HS18100338-07 |
| Collection Date: | 04-Oct-2018 09:51 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,4,5-Trichlorophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,4,6-Trichlorophenol | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,4-Dimethylphenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,4-Dinitrophenol | U | | 0.0055 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2,6-Dinitrotoluene | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2-Chlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **2-Methylnaphthalene** | **0.0021** | J | **0.00061** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| 2-Methylphenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 2-Nitrophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 3,3´-Dichlorobenzidine | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 3-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0026 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4-Bromophenyl phenyl ether | U | | 0.0020 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4-Chloro-3-methylphenol | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4-Chloroaniline | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4-Nitroaniline | U | | 0.0027 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Acenaphthene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Acenaphthylene | U | | 0.0012 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Acetophenone | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Anthracene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Atrazine | U | | 0.0025 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Benz(a)anthracene** | **0.0041** | | **0.0020** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| Benzaldehyde | U | n | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Benzo(a)pyrene** | **0.011** | | **0.0012** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| **Benzo(b)fluoranthene** | **0.0099** | | **0.0015** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| **Benzo(g,h,i)perylene** | **0.019** | | **0.00086** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| **Benzo(k)fluoranthene** | **0.011** | | **0.0011** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Bis(2-ethylhexyl)phthalate** | **0.022** | | **0.0021** | **0.0081** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA30-20181004-06-51 | Lab ID:HS18100338-07 | |
| Collection Date: | 04-Oct-2018 09:51 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Caprolactam | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Carbazole | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Chrysene** | **0.0090** | | **0.00098** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| **Dibenz(a,h)anthracene** | **0.017** | | **0.0020** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| Dibenzofuran | U | | 0.00086 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Diethyl phthalate | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Dimethyl phthalate | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Di-n-butyl phthalate | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Di-n-octyl phthalate** | **0.021** | | **0.0011** | **0.0081** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| Fluoranthene | U | | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Fluorene | U | | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Hexachlorobenzene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Hexachlorobutadiene | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Hexachlorocyclopentadiene | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Hexachloroethane | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Indeno(1,2,3-cd)pyrene** | **0.020** | | **0.00098** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| Isophorone | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Naphthalene | U | | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Nitrobenzene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| N-Nitrosodi-n-propylamine | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| N-Nitrosodiphenylamine | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Pentachlorophenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| **Phenanthrene** | **0.0075** | | **0.0018** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:17 |
| Phenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| Pyrene | U | | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:17 |
| *Surr: 2,4,6-Tribromophenol* | *75.0* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 16:17* |
| *Surr: 2-Fluorobiphenyl* | *65.9* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 16:17* |
| *Surr: 2-Fluorophenol* | *50.1* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 16:17* |
| *Surr: 4-Terphenyl-d14* | *87.7* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 16:17* |
| *Surr: Nitrobenzene-d5* | *58.4* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 16:17* |
| *Surr: Phenol-d6* | *54.1* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 16:17* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA30-20181004-06-51 | Lab ID:HS18100338-07 | |
| Collection Date: | 04-Oct-2018 09:51 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0051 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| Aroclor 1221 | U | | 0.0069 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| Aroclor 1232 | U | | 0.0055 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| Aroclor 1242 | U | | 0.0072 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| Aroclor 1248 | U | | 0.0072 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| Aroclor 1254 | U | | 0.0058 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| Aroclor 1260 | U | | 0.0049 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:04 |
| *Surr: Decachlorobiphenyl* | *128* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 07:04* |
| *Surr: Tetrachloro-m-xylene* | *109* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 07:04* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **12,400** | | **26.2** | **226** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:48 |
| **Antimony** | **0.389** | J | **0.0735** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Arsenic** | **53.6** | | **0.0792** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Barium** | **101** | | **0.0339** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Beryllium** | **0.564** | J | **0.0238** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Cadmium** | **0.512** | J | **0.0305** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Calcium** | **248,000** | | **561** | **5660** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:48 |
| **Chromium** | **14.3** | | **0.0260** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Cobalt** | **6.35** | | **0.0170** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Copper** | **16.6** | | **0.0430** | **0.226** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:36 |
| **Iron** | **11,000** | | **2.07** | **56.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Lead** | **60.1** | | **0.0147** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Magnesium** | **2,520** | | **2.84** | **56.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Manganese** | **1,160** | | **4.86** | **56.6** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:48 |
| **Nickel** | **17.4** | | **0.0543** | **0.566** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:36 |
| **Potassium** | **1,190** | | **7.60** | **56.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Selenium** | **0.613** | | **0.103** | **0.566** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:36 |
| **Silver** | **0.0760** | J | **0.0170** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Sodium** | **318** | | **4.72** | **56.6** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| Thallium | U | | 0.252 | 0.566 | mg/Kg-dry | 1 | 10-Oct-2018 22:43 |
| **Vanadium** | **37.8** | | **0.0848** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **Zinc** | **63.8** | | **0.192** | **0.566** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:43 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0278** | | **0.000606** | **0.00429** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:22 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **18.7** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: DRA30-20181004-12-51
Collection Date: 04-Oct-2018 10:05

**ANALYTICAL REPORT**
WorkOrder:HS18100338
Lab ID:HS18100338-08
Matrix:Soil

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,4,5-Trichlorophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,4,6-Trichlorophenol | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,4-Dimethylphenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,4-Dinitrophenol | U | | 0.0055 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2,6-Dinitrotoluene | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2-Chlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **2-Methylnaphthalene** | **0.0060** | | **0.00061** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| 2-Methylphenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 2-Nitrophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 3,3´-Dichlorobenzidine | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 3-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0026 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4-Bromophenyl phenyl ether | U | | 0.0020 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4-Chloro-3-methylphenol | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4-Chloroaniline | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4-Nitroaniline | U | | 0.0027 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Acenaphthene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Acenaphthylene | U | | 0.0012 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Acetophenone | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Anthracene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Atrazine | U | | 0.0025 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Benz(a)anthracene** | **0.0033** | J | **0.0020** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| Benzaldehyde | U | n | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Benzo(a)pyrene** | **0.0030** | J | **0.0012** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| **Benzo(b)fluoranthene** | **0.0043** | | **0.0015** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| **Benzo(g,h,i)perylene** | **0.019** | | **0.00086** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| **Benzo(k)fluoranthene** | **0.0027** | J | **0.0011** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Bis(2-ethylhexyl)phthalate** | **0.024** | | **0.0021** | **0.0081** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA30-20181004-12-51 | Lab ID:HS18100338-08 | |
| Collection Date: | 04-Oct-2018 10:05 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Caprolactam | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Carbazole | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Chrysene** | **0.015** | | **0.00098** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| **Dibenz(a,h)anthracene** | **0.018** | | **0.0020** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| Dibenzofuran | U | | 0.00086 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Diethyl phthalate | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Dimethyl phthalate | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Di-n-butyl phthalate | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Di-n-octyl phthalate** | **0.026** | | **0.0011** | **0.0081** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| Fluoranthene | U | | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Fluorene | U | | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Hexachlorobenzene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Hexachlorobutadiene | U | | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Hexachlorocyclopentadiene | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Hexachloroethane | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Indeno(1,2,3-cd)pyrene** | **0.016** | | **0.00098** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| Isophorone | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Naphthalene | U | | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Nitrobenzene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| N-Nitrosodi-n-propylamine | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| N-Nitrosodiphenylamine | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Pentachlorophenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| **Phenanthrene** | **0.018** | | **0.0018** | **0.0041** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:36 |
| Phenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| Pyrene | U | | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 16:36 |
| *Surr: 2,4,6-Tribromophenol* | *72.4* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 16:36* |
| *Surr: 2-Fluorobiphenyl* | *71.1* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 16:36* |
| *Surr: 2-Fluorophenol* | *53.3* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 16:36* |
| *Surr: 4-Terphenyl-d14* | *85.7* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 16:36* |
| *Surr: Nitrobenzene-d5* | *69.7* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 16:36* |
| *Surr: Phenol-d6* | *60.7* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 16:36* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA30-20181004-12-51 | Lab ID:HS18100338-08 | |
| Collection Date: | 04-Oct-2018 10:05 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0052 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| Aroclor 1221 | U | | 0.0069 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| Aroclor 1232 | U | | 0.0055 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| Aroclor 1242 | U | | 0.0073 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| Aroclor 1248 | U | | 0.0073 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| Aroclor 1254 | U | | 0.0058 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| Aroclor 1260 | U | | 0.0049 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 07:20 |
| *Surr: Decachlorobiphenyl* | *137* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 07:20* |
| *Surr: Tetrachloro-m-xylene* | *111* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 07:20* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **14,900** | | **26.2** | **226** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:57 |
| **Antimony** | **0.228** | J | **0.0733** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Arsenic** | **33.9** | | **0.0789** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Barium** | **113** | | **0.0338** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Beryllium** | **0.622** | | **0.0237** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Cadmium** | **0.394** | J | **0.0304** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Calcium** | **237,000** | | **559** | **5640** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:57 |
| **Chromium** | **17.7** | | **0.0259** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Cobalt** | **7.12** | | **0.0169** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Copper** | **13.4** | | **0.0429** | **0.226** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:38 |
| **Iron** | **11,700** | | **2.06** | **56.4** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Lead** | **31.6** | | **0.0147** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Magnesium** | **2,470** | | **2.83** | **56.4** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Manganese** | **1,270** | | **4.85** | **56.4** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:57 |
| **Nickel** | **20.2** | | **0.0541** | **0.564** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:38 |
| **Potassium** | **1,370** | | **7.58** | **56.4** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Selenium** | **0.590** | | **0.103** | **0.564** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:38 |
| **Silver** | **0.0774** | J | **0.0169** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Sodium** | **435** | | **4.70** | **56.4** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| Thallium | U | | 0.251 | 0.564 | mg/Kg-dry | 1 | 10-Oct-2018 22:45 |
| **Vanadium** | **47.2** | | **0.0846** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **Zinc** | **50.9** | | **0.192** | **0.564** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:45 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0273** | | **0.000610** | **0.00432** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:24 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **18.8** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA31-20181004-01-51 | | Lab ID:HS18100338-09 |
| Collection Date: | 04-Oct-2018 10:40 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,4,5-Trichlorophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,4,6-Trichlorophenol | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,4-Dimethylphenol | U | | 0.0039 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,4-Dinitrophenol | U | | 0.0054 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2,6-Dinitrotoluene | U | | 0.0039 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2-Chlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| **2-Methylnaphthalene** | **0.0025** | J | **0.00060** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:56 |
| 2-Methylphenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 2-Nitrophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 3,3´-Dichlorobenzidine | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 3-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0025 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4-Bromophenyl phenyl ether | U | | 0.0019 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4-Chloro-3-methylphenol | U | | 0.00084 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4-Chloroaniline | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4-Nitroaniline | U | | 0.0026 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Acenaphthene | U | | 0.00060 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Acenaphthylene | U | | 0.0012 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Acetophenone | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Anthracene | U | | 0.00060 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Atrazine | U | | 0.0024 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| **Benz(a)anthracene** | **0.0038** | J | **0.0019** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:56 |
| Benzaldehyde | U | n | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Benzo(a)pyrene | U | | 0.0012 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Benzo(b)fluoranthene | U | | 0.0014 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Benzo(g,h,i)perylene | U | | 0.00084 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Benzo(k)fluoranthene | U | | 0.0011 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Bis(2-chloroethyl)ether | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| **Bis(2-ethylhexyl)phthalate** | **0.0081** | | **0.0020** | **0.0079** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:56 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA31-20181004-01-51 | Lab ID:HS18100338-09 | |
| Collection Date: | 04-Oct-2018 10:40 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Caprolactam | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Carbazole | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| **Chrysene** | **0.0031** | J | **0.00096** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:56 |
| Dibenz(a,h)anthracene | U | | 0.0019 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Dibenzofuran | U | | 0.00084 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Diethyl phthalate | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Dimethyl phthalate | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Di-n-butyl phthalate | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Di-n-octyl phthalate | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Fluoranthene | U | | 0.0013 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Fluorene | U | | 0.0013 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Hexachlorobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Hexachlorobutadiene | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Hexachlorocyclopentadiene | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Hexachloroethane | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Indeno(1,2,3-cd)pyrene | U | | 0.00096 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Isophorone | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Naphthalene | U | | 0.00072 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Nitrobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| N-Nitrosodi-n-propylamine | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| N-Nitrosodiphenylamine | U | | 0.00084 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Pentachlorophenol | U | | 0.0039 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| **Phenanthrene** | **0.0081** | | **0.0018** | **0.0039** | **mg/Kg-dry** | 1 | 10-Oct-2018 16:56 |
| Phenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| Pyrene | U | | 0.00072 | 0.0039 | mg/Kg-dry | 1 | 10-Oct-2018 16:56 |
| *Surr: 2,4,6-Tribromophenol* | *65.0* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 16:56* |
| *Surr: 2-Fluorobiphenyl* | *61.9* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 16:56* |
| *Surr: 2-Fluorophenol* | *49.3* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 16:56* |
| *Surr: 4-Terphenyl-d14* | *78.6* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 16:56* |
| *Surr: Nitrobenzene-d5* | *62.2* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 16:56* |
| *Surr: Phenol-d6* | *55.8* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 16:56* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA31-20181004-01-51 | Lab ID:HS18100338-09 | |
| Collection Date: | 04-Oct-2018 10:40 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0050 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| Aroclor 1221 | U | | 0.0067 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| Aroclor 1232 | U | | 0.0054 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| Aroclor 1242 | U | | 0.0070 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| Aroclor 1248 | U | | 0.0070 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| Aroclor 1254 | U | | 0.0056 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| Aroclor 1260 | U | | 0.0048 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:35 |
| *Surr: Decachlorobiphenyl* | *137* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 07:35* |
| *Surr: Tetrachloro-m-xylene* | *118* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 07:35* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **10,900** | | **26.4** | **227** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:59 |
| **Antimony** | **0.108** | J | **0.0738** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Arsenic** | **3.34** | | **0.0795** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Barium** | **102** | | **0.0341** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Beryllium** | **0.540** | J | **0.0239** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Cadmium** | **0.111** | J | **0.0307** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Calcium** | **54,100** | | **563** | **5680** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:59 |
| **Chromium** | **12.7** | | **0.0261** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Cobalt** | **4.15** | | **0.0170** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Copper** | **8.81** | | **0.0432** | **0.227** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:40 |
| **Iron** | **9,860** | | **2.08** | **56.8** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Lead** | **9.57** | | **0.0148** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Magnesium** | **6,020** | | **2.85** | **56.8** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Manganese** | **372** | | **4.88** | **56.8** | **mg/Kg-dry** | 100 | 11-Oct-2018 14:59 |
| **Nickel** | **10.8** | | **0.0545** | **0.568** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:40 |
| **Potassium** | **2,440** | | **7.63** | **56.8** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Selenium** | **0.455** | J | **0.103** | **0.568** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:40 |
| **Silver** | **0.0366** | J | **0.0170** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Sodium** | **89.6** | | **4.74** | **56.8** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| Thallium | U | | 0.253 | 0.568 | mg/Kg-dry | 1 | 10-Oct-2018 22:47 |
| **Vanadium** | **20.3** | | **0.0852** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **Zinc** | **34.3** | | **0.193** | **0.568** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:47 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0119** | | **0.000604** | **0.00428** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:26 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **16.5** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: DRA31-20181004-06-51
Collection Date: 04-Oct-2018 11:05

**ANALYTICAL REPORT**
WorkOrder:HS18100338
Lab ID:HS18100338-10
Matrix:Soil

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,4,5-Trichlorophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,4,6-Trichlorophenol | U | | 0.0020 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,4-Dimethylphenol | U | | 0.0040 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,4-Dinitrophenol | U | | 0.0054 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2,6-Dinitrotoluene | U | | 0.0040 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2-Chlorophenol | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| **2-Methylnaphthalene** | **0.018** | | **0.00060** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:15 |
| 2-Methylphenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 2-Nitrophenol | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 3,3´-Dichlorobenzidine | U | | 0.0030 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 3-Nitroaniline | U | | 0.0023 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0025 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4-Bromophenyl phenyl ether | U | | 0.0019 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4-Chloro-3-methylphenol | U | | 0.00084 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4-Chloroaniline | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4-Nitroaniline | U | | 0.0026 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Acenaphthene | U | | 0.00060 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Acenaphthylene | U | | 0.0012 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Acetophenone | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Anthracene | U | | 0.00060 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Atrazine | U | | 0.0024 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| **Benz(a)anthracene** | **0.0026** | J | **0.0019** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:15 |
| Benzaldehyde | U | n | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Benzo(a)pyrene | U | | 0.0012 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Benzo(b)fluoranthene | U | | 0.0014 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Benzo(g,h,i)perylene | U | | 0.00084 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Benzo(k)fluoranthene | U | | 0.0011 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Bis(2-chloroethyl)ether | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| **Bis(2-ethylhexyl)phthalate** | **0.0091** | | **0.0020** | **0.0079** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:15 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA31-20181004-06-51 | Lab ID:HS18100338-10 | |
| Collection Date: | 04-Oct-2018 11:05 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0016 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Caprolactam | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Carbazole | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| **Chrysene** | **0.012** | | **0.00096** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:15 |
| Dibenz(a,h)anthracene | U | | 0.0019 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Dibenzofuran | U | | 0.00084 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Diethyl phthalate | U | | 0.0012 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Dimethyl phthalate | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Di-n-butyl phthalate | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Di-n-octyl phthalate | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Fluoranthene | U | | 0.0013 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Fluorene | U | | 0.0013 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Hexachlorobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Hexachlorobutadiene | U | | 0.0014 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Hexachlorocyclopentadiene | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Hexachloroethane | U | | 0.0018 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Indeno(1,2,3-cd)pyrene | U | | 0.00096 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Isophorone | U | | 0.00096 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Naphthalene | U | | 0.00072 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Nitrobenzene | U | | 0.0011 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| N-Nitrosodi-n-propylamine | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| N-Nitrosodiphenylamine | U | | 0.00084 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Pentachlorophenol | U | | 0.0040 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| **Phenanthrene** | **0.024** | | **0.0018** | **0.0040** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:15 |
| Phenol | U | | 0.0013 | 0.0079 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| Pyrene | U | | 0.00072 | 0.0040 | mg/Kg-dry | 1 | 10-Oct-2018 17:15 |
| *Surr: 2,4,6-Tribromophenol* | *77.0* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 17:15* |
| *Surr: 2-Fluorobiphenyl* | *77.6* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 17:15* |
| *Surr: 2-Fluorophenol* | *62.5* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 17:15* |
| *Surr: 4-Terphenyl-d14* | *87.6* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 17:15* |
| *Surr: Nitrobenzene-d5* | *77.8* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 17:15* |
| *Surr: Phenol-d6* | *69.3* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 17:15* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA31-20181004-06-51 | Lab ID:HS18100338-10 | |
| Collection Date: | 04-Oct-2018 11:05 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0050 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| Aroclor 1221 | U | | 0.0067 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| Aroclor 1232 | U | | 0.0054 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| Aroclor 1242 | U | | 0.0071 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| Aroclor 1248 | U | | 0.0071 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| Aroclor 1254 | U | | 0.0056 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| Aroclor 1260 | U | | 0.0048 | 0.020 | mg/Kg-dry | 1 | 10-Oct-2018 07:51 |
| *Surr: Decachlorobiphenyl* | *130* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 07:51* |
| *Surr: Tetrachloro-m-xylene* | *131* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 07:51* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JDE |
| **Aluminum** | **19,900** | | **135** | **1160** | **mg/Kg-dry** | 500 | 11-Oct-2018 16:37 |
| **Antimony** | **0.200** | J | **0.0757** | **0.582** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Arsenic** | **7.83** | | **0.0815** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Barium** | **148** | | **0.0349** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Beryllium** | **0.833** | | **0.0244** | **0.582** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Cadmium** | **0.285** | J | **0.0314** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Calcium** | **125,000** | | **577** | **5820** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:01 |
| **Chromium** | **25.3** | | **0.0268** | **0.582** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Cobalt** | **6.41** | | **0.0175** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Copper** | **17.5** | | **0.0442** | **0.233** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Iron** | **14,800** | | **2.13** | **58.2** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Lead** | **24.4** | | **0.0151** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Magnesium** | **4,450** | | **2.92** | **58.2** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Manganese** | **755** | | **5.01** | **58.2** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:01 |
| **Nickel** | **18.3** | | **0.0559** | **0.582** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Potassium** | **2,310** | | **7.82** | **58.2** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Selenium** | **0.678** | | **0.106** | **0.582** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| **Silver** | **0.0661** | J | **0.0175** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Sodium** | **113** | | **4.85** | **58.2** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:43 |
| Thallium | U | | 0.260 | 0.582 | mg/Kg-dry | 1 | 10-Oct-2018 22:54 |
| **Vanadium** | **43.9** | | **0.0873** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **Zinc** | **59.0** | | **0.198** | **0.582** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:54 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0113** | | **0.000603** | **0.00427** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:36 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **17.2** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: DRA31-20181004-12-51
Collection Date: 04-Oct-2018 11:15

**ANALYTICAL REPORT**
WorkOrder:HS18100338
Lab ID:HS18100338-11
Matrix:Soil

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0022 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,4,5-Trichlorophenol | U | | 0.0033 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,4,6-Trichlorophenol | U | | 0.0022 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,4-Dichlorophenol | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,4-Dimethylphenol | U | | 0.0043 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,4-Dinitrophenol | U | | 0.0059 | 0.017 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,4-Dinitrotoluene | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2,6-Dinitrotoluene | U | | 0.0043 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2-Chloronaphthalene | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2-Chlorophenol | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| **2-Methylnaphthalene** | **0.0064** | | **0.00065** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:35 |
| 2-Methylphenol | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2-Nitroaniline | U | | 0.0025 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 2-Nitrophenol | U | | 0.0033 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 3&4-Methylphenol | U | | 0.0013 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 3,3´-Dichlorobenzidine | U | | 0.0033 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 3-Nitroaniline | U | | 0.0025 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0027 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4-Bromophenyl phenyl ether | U | | 0.0021 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4-Chloro-3-methylphenol | U | | 0.00092 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4-Chloroaniline | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4-Chlorophenyl phenyl ether | U | | 0.0020 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4-Nitroaniline | U | | 0.0029 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| 4-Nitrophenol | U | | 0.0025 | 0.017 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Acenaphthene | U | | 0.00065 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Acenaphthylene | U | | 0.0013 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Acetophenone | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Anthracene | U | | 0.00065 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Atrazine | U | | 0.0026 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| **Benz(a)anthracene** | **0.0091** | | **0.0021** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:35 |
| Benzaldehyde | U | n | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Benzo(a)pyrene | U | | 0.0013 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Benzo(b)fluoranthene | U | | 0.0016 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Benzo(g,h,i)perylene | U | | 0.00092 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Benzo(k)fluoranthene | U | | 0.0012 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0018 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Bis(2-chloroethoxy)methane | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Bis(2-ethylhexyl)phthalate | U | | 0.0022 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA31-20181004-12-51 | Lab ID:HS18100338-11 | |
| Collection Date: | 04-Oct-2018 11:15 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Caprolactam | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Carbazole | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| **Chrysene** | **0.0048** | | **0.0010** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:35 |
| Dibenz(a,h)anthracene | U | | 0.0021 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Dibenzofuran | U | | 0.00092 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Diethyl phthalate | U | | 0.0013 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Dimethyl phthalate | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Di-n-butyl phthalate | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Di-n-octyl phthalate | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Fluoranthene | U | | 0.0014 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Fluorene | U | | 0.0014 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Hexachlorobenzene | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Hexachlorobutadiene | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Hexachlorocyclopentadiene | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Hexachloroethane | U | | 0.0020 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Indeno(1,2,3-cd)pyrene | U | | 0.0010 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Isophorone | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Naphthalene | U | | 0.00078 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Nitrobenzene | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| N-Nitrosodi-n-propylamine | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| N-Nitrosodiphenylamine | U | | 0.00092 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Pentachlorophenol | U | | 0.0043 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| **Phenanthrene** | **0.019** | | **0.0020** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:35 |
| Phenol | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| Pyrene | U | | 0.00078 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:35 |
| *Surr: 2,4,6-Tribromophenol* | *77.0* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 17:35* |
| *Surr: 2-Fluorobiphenyl* | *72.9* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 17:35* |
| *Surr: 2-Fluorophenol* | *48.3* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 17:35* |
| *Surr: 4-Terphenyl-d14* | *87.1* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 17:35* |
| *Surr: Nitrobenzene-d5* | *68.3* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 17:35* |
| *Surr: Phenol-d6* | *60.6* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 17:35* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA31-20181004-12-51 | Lab ID:HS18100338-11 | |
| Collection Date: | 04-Oct-2018 11:15 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0055 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| Aroclor 1221 | U | | 0.0073 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| Aroclor 1232 | U | | 0.0059 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| Aroclor 1242 | U | | 0.0077 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| Aroclor 1248 | U | | 0.0077 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| Aroclor 1254 | U | | 0.0061 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| Aroclor 1260 | U | | 0.0052 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:07 |
| *Surr: Decachlorobiphenyl* | *134* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 08:07* |
| *Surr: Tetrachloro-m-xylene* | *115* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 08:07* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JDE |
| **Aluminum** | **28,800** | | **140** | **1210** | **mg/Kg-dry** | 500 | 11-Oct-2018 16:39 |
| **Antimony** | **0.129** | J | **0.0786** | **0.605** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Arsenic** | **5.07** | | **0.0847** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Barium** | **225** | | **3.63** | **60.5** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:04 |
| **Beryllium** | **1.31** | | **0.0254** | **0.605** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Cadmium** | **0.299** | J | **0.0327** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Calcium** | **62,700** | | **600** | **6050** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:04 |
| **Chromium** | **36.1** | | **0.0278** | **0.605** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Cobalt** | **7.34** | | **0.0181** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Copper** | **14.1** | | **0.0460** | **0.242** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Iron** | **21,400** | | **2.21** | **60.5** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Lead** | **20.1** | | **0.0157** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Magnesium** | **4,800** | | **3.04** | **60.5** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Manganese** | **711** | | **5.20** | **60.5** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:04 |
| **Nickel** | **23.8** | | **0.0580** | **0.605** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Potassium** | **2,670** | | **8.13** | **60.5** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Selenium** | **0.606** | | **0.110** | **0.605** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| **Silver** | **0.123** | J | **0.0181** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Sodium** | **78.7** | | **5.04** | **60.5** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:45 |
| Thallium | U | | 0.270 | 0.605 | mg/Kg-dry | 1 | 10-Oct-2018 22:56 |
| **Vanadium** | **58.9** | | **0.0907** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **Zinc** | **62.7** | | **0.206** | **0.605** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:56 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0292** | | **0.000646** | **0.00457** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:38 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **24.0** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA32-20181004-01-51 | | Lab ID:HS18100338-12 |
| Collection Date: | 04-Oct-2018 10:45 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0022 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,4,5-Trichlorophenol | U | | 0.0032 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,4,6-Trichlorophenol | U | | 0.0022 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,4-Dichlorophenol | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,4-Dimethylphenol | U | | 0.0043 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,4-Dinitrophenol | U | | 0.0058 | 0.017 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,4-Dinitrotoluene | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2,6-Dinitrotoluene | U | | 0.0043 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2-Chloronaphthalene | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2-Chlorophenol | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| **2-Methylnaphthalene** | **0.011** | | **0.00065** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:55 |
| 2-Methylphenol | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2-Nitroaniline | U | | 0.0025 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 2-Nitrophenol | U | | 0.0032 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 3&4-Methylphenol | U | | 0.0013 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 3,3´-Dichlorobenzidine | U | | 0.0032 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 3-Nitroaniline | U | | 0.0025 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0027 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4-Bromophenyl phenyl ether | U | | 0.0021 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4-Chloro-3-methylphenol | U | | 0.00091 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4-Chloroaniline | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4-Chlorophenyl phenyl ether | U | | 0.0019 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4-Nitroaniline | U | | 0.0029 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| 4-Nitrophenol | U | | 0.0025 | 0.017 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Acenaphthene | U | | 0.00065 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Acenaphthylene | U | | 0.0013 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Acetophenone | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Anthracene | U | | 0.00065 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Atrazine | U | | 0.0026 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| **Benz(a)anthracene** | **0.015** | | **0.0021** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:55 |
| Benzaldehyde | U | n | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Benzo(a)pyrene | U | | 0.0013 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| **Benzo(b)fluoranthene** | **0.0021** | J | **0.0016** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:55 |
| Benzo(g,h,i)perylene | U | | 0.00091 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Benzo(k)fluoranthene | U | | 0.0012 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0018 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Bis(2-chloroethoxy)methane | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Bis(2-ethylhexyl)phthalate | U | | 0.0022 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-01-51 | Lab ID:HS18100338-12 | |
| Collection Date: | 04-Oct-2018 10:45 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0017 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Caprolactam | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Carbazole | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| **Chrysene** | **0.0099** | | **0.0010** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:55 |
| Dibenz(a,h)anthracene | U | | 0.0021 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Dibenzofuran | U | | 0.00091 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Diethyl phthalate | U | | 0.0013 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Dimethyl phthalate | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Di-n-butyl phthalate | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Di-n-octyl phthalate | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Fluoranthene | U | | 0.0014 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Fluorene | U | | 0.0014 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Hexachlorobenzene | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Hexachlorobutadiene | U | | 0.0016 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Hexachlorocyclopentadiene | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Hexachloroethane | U | | 0.0019 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Indeno(1,2,3-cd)pyrene | U | | 0.0010 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Isophorone | U | | 0.0010 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| **Naphthalene** | **0.0026** | J | **0.00078** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:55 |
| Nitrobenzene | U | | 0.0012 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| N-Nitrosodi-n-propylamine | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| N-Nitrosodiphenylamine | U | | 0.00091 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Pentachlorophenol | U | | 0.0043 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| **Phenanthrene** | **0.045** | | **0.0019** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 17:55 |
| Phenol | U | | 0.0014 | 0.0086 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| Pyrene | U | | 0.00078 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 17:55 |
| *Surr: 2,4,6-Tribromophenol* | *86.1* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 17:55* |
| *Surr: 2-Fluorobiphenyl* | *80.4* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 17:55* |
| *Surr: 2-Fluorophenol* | *60.9* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 17:55* |
| *Surr: 4-Terphenyl-d14* | *91.1* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 17:55* |
| *Surr: Nitrobenzene-d5* | *78.4* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 17:55* |
| *Surr: Phenol-d6* | *69.5* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 17:55* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-01-51 | Lab ID:HS18100338-12 | |
| Collection Date: | 04-Oct-2018 10:45 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0054 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| Aroclor 1221 | U | | 0.0073 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| Aroclor 1232 | U | | 0.0058 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| Aroclor 1242 | U | | 0.0077 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| Aroclor 1248 | U | | 0.0077 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| Aroclor 1254 | U | | 0.0061 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| Aroclor 1260 | U | | 0.0052 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:22 |
| *Surr: Decachlorobiphenyl* | *124* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 08:22* |
| *Surr: Tetrachloro-m-xylene* | *91.5* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 08:22* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **7,330** | | **29.2** | **252** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:06 |
| **Antimony** | **0.227** | J | **0.0818** | **0.629** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Arsenic** | **6.04** | | **0.0881** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Barium** | **105** | | **0.0378** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Beryllium** | **0.403** | J | **0.0264** | **0.629** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Cadmium** | **0.518** | J | **0.0340** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Calcium** | **213,000** | | **624** | **6290** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:06 |
| **Chromium** | **13.6** | | **0.0289** | **0.629** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Cobalt** | **5.30** | | **0.0189** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Copper** | **34.2** | | **0.0478** | **0.252** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Iron** | **9,160** | | **2.30** | **62.9** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Lead** | **34.4** | | **0.0164** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Magnesium** | **4,070** | | **3.16** | **62.9** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Manganese** | **785** | | **5.41** | **62.9** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:06 |
| **Nickel** | **12.9** | | **0.0604** | **0.629** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Potassium** | **2,040** | | **8.46** | **62.9** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Selenium** | **0.529** | J | **0.115** | **0.629** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| **Silver** | **0.0642** | J | **0.0189** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Sodium** | **232** | | **5.25** | **62.9** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:47 |
| Thallium | U | | 0.281 | 0.629 | mg/Kg-dry | 1 | 10-Oct-2018 22:58 |
| **Vanadium** | **26.3** | | **0.0944** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **Zinc** | **107** | | **0.214** | **0.629** | **mg/Kg-dry** | 1 | 10-Oct-2018 22:58 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0317** | | **0.000648** | **0.00458** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:40 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **23.2** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA32-20181004-06-51 | | Lab ID:HS18100338-13 |
| Collection Date: | 04-Oct-2018 10:55 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0023 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,4,5-Trichlorophenol | U | | 0.0033 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,4,6-Trichlorophenol | U | | 0.0023 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,4-Dichlorophenol | U | | 0.0017 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,4-Dimethylphenol | U | | 0.0044 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,4-Dinitrophenol | U | | 0.0060 | 0.018 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,4-Dinitrotoluene | U | | 0.0012 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2,6-Dinitrotoluene | U | | 0.0044 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2-Chloronaphthalene | U | | 0.0017 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2-Chlorophenol | U | | 0.0017 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| **2-Methylnaphthalene** | **0.0058** | | **0.00067** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:14 |
| 2-Methylphenol | U | | 0.0015 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2-Nitroaniline | U | | 0.0025 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 2-Nitrophenol | U | | 0.0033 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 3&4-Methylphenol | U | | 0.0013 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 3,3´-Dichlorobenzidine | U | | 0.0033 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 3-Nitroaniline | U | | 0.0025 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0028 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4-Bromophenyl phenyl ether | U | | 0.0021 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4-Chloro-3-methylphenol | U | | 0.00093 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4-Chloroaniline | U | | 0.0015 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4-Chlorophenyl phenyl ether | U | | 0.0020 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4-Nitroaniline | U | | 0.0029 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| 4-Nitrophenol | U | | 0.0025 | 0.018 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Acenaphthene | U | | 0.00067 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| **Acenaphthylene** | **0.0022** | J | **0.0013** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:14 |
| Acetophenone | U | | 0.0011 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Anthracene | U | | 0.00067 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Atrazine | U | | 0.0027 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Benz(a)anthracene | U | | 0.0021 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Benzaldehyde | U | n | 0.0016 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Benzo(a)pyrene | U | | 0.0013 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Benzo(b)fluoranthene | U | | 0.0016 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Benzo(g,h,i)perylene | U | | 0.00093 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Benzo(k)fluoranthene | U | | 0.0012 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0019 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Bis(2-chloroethoxy)methane | U | | 0.0012 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Bis(2-chloroethyl)ether | U | | 0.0015 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| **Bis(2-ethylhexyl)phthalate** | **0.0069** | J | **0.0023** | **0.0088** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:14 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-06-51 | Lab ID:HS18100338-13 | |
| Collection Date: | 04-Oct-2018 10:55 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0017 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Caprolactam | U | | 0.0016 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Carbazole | U | | 0.0016 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Chrysene | U | | 0.0011 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Dibenz(a,h)anthracene | U | | 0.0021 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Dibenzofuran | U | | 0.00093 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Diethyl phthalate | U | | 0.0013 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Dimethyl phthalate | U | | 0.0011 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Di-n-butyl phthalate | U | | 0.0016 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Di-n-octyl phthalate | U | | 0.0012 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Fluoranthene | U | | 0.0015 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Fluorene | U | | 0.0015 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Hexachlorobenzene | U | | 0.0012 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Hexachlorobutadiene | U | | 0.0016 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Hexachlorocyclopentadiene | U | | 0.0011 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Hexachloroethane | U | | 0.0020 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Indeno(1,2,3-cd)pyrene | U | | 0.0011 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Isophorone | U | | 0.0011 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Naphthalene | U | | 0.00080 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Nitrobenzene | U | | 0.0012 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| N-Nitrosodi-n-propylamine | U | | 0.0015 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| N-Nitrosodiphenylamine | U | | 0.00093 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Pentachlorophenol | U | | 0.0044 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| **Phenanthrene** | **0.0042** | J | **0.0020** | **0.0044** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:14 |
| Phenol | U | | 0.0015 | 0.0088 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| Pyrene | U | | 0.00080 | 0.0044 | mg/Kg-dry | 1 | 10-Oct-2018 18:14 |
| *Surr: 2,4,6-Tribromophenol* | *60.4* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 18:14* |
| *Surr: 2-Fluorobiphenyl* | *73.0* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 18:14* |
| *Surr: 2-Fluorophenol* | *52.4* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 18:14* |
| *Surr: 4-Terphenyl-d14* | *76.5* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 18:14* |
| *Surr: Nitrobenzene-d5* | *68.4* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 18:14* |
| *Surr: Phenol-d6* | *66.5* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 18:14* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-06-51 | Lab ID:HS18100338-13 | |
| Collection Date: | 04-Oct-2018 10:55 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0056 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| Aroclor 1221 | U | | 0.0074 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| Aroclor 1232 | U | | 0.0060 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| Aroclor 1242 | U | | 0.0078 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| Aroclor 1248 | U | | 0.0078 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| Aroclor 1254 | U | | 0.0063 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| Aroclor 1260 | U | | 0.0053 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:38 |
| *Surr: Decachlorobiphenyl* | *117* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 08:38* |
| *Surr: Tetrachloro-m-xylene* | *84.4* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 08:38* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **8,930** | | **29.2** | **252** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:08 |
| **Antimony** | **0.258** | J | **0.0819** | **0.630** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Arsenic** | **12.3** | | **0.0882** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Barium** | **90.8** | | **0.0378** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Beryllium** | **0.520** | J | **0.0264** | **0.630** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Cadmium** | **0.563** | J | **0.0340** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Calcium** | **225,000** | | **625** | **6300** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:08 |
| **Chromium** | **17.4** | | **0.0290** | **0.630** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Cobalt** | **5.76** | | **0.0189** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Copper** | **27.7** | | **0.0479** | **0.252** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Iron** | **10,600** | | **2.30** | **63.0** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Lead** | **56.1** | | **0.0164** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Magnesium** | **4,640** | | **3.16** | **63.0** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Manganese** | **878** | | **5.41** | **63.0** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:08 |
| **Nickel** | **16.2** | | **0.0604** | **0.630** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Potassium** | **1,750** | | **8.46** | **63.0** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Selenium** | **0.745** | | **0.115** | **0.630** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| **Silver** | **0.0835** | J | **0.0189** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Sodium** | **181** | | **5.25** | **63.0** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:49 |
| Thallium | U | | 0.281 | 0.630 | mg/Kg-dry | 1 | 10-Oct-2018 23:01 |
| **Vanadium** | **31.5** | | **0.0944** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **Zinc** | **126** | | **0.214** | **0.630** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:01 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0415** | | **0.000667** | **0.00472** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:42 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **25.0** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-06-52 | Lab ID:HS18100338-14 | |
| Collection Date: | 04-Oct-2018 10:55 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0022 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,4,5-Trichlorophenol | U | | 0.0033 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,4,6-Trichlorophenol | U | | 0.0022 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,4-Dichlorophenol | U | | 0.0017 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,4-Dimethylphenol | U | | 0.0043 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,4-Dinitrophenol | U | | 0.0059 | 0.017 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,4-Dinitrotoluene | U | | 0.0012 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2,6-Dinitrotoluene | U | | 0.0043 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2-Chloronaphthalene | U | | 0.0017 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2-Chlorophenol | U | | 0.0017 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| **2-Methylnaphthalene** | **0.0024** | J | **0.00066** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:34 |
| 2-Methylphenol | U | | 0.0014 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2-Nitroaniline | U | | 0.0025 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 2-Nitrophenol | U | | 0.0033 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 3&4-Methylphenol | U | | 0.0013 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 3,3´-Dichlorobenzidine | U | | 0.0033 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 3-Nitroaniline | U | | 0.0025 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0028 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4-Bromophenyl phenyl ether | U | | 0.0021 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4-Chloro-3-methylphenol | U | | 0.00092 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4-Chloroaniline | U | | 0.0014 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4-Chlorophenyl phenyl ether | U | | 0.0020 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4-Nitroaniline | U | | 0.0029 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| 4-Nitrophenol | U | | 0.0025 | 0.017 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Acenaphthene | U | | 0.00066 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Acenaphthylene | U | | 0.0013 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Acetophenone | U | | 0.0011 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Anthracene | U | | 0.00066 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Atrazine | U | | 0.0026 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Benz(a)anthracene | U | | 0.0021 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Benzaldehyde | U | n | 0.0016 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Benzo(a)pyrene | U | | 0.0013 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Benzo(b)fluoranthene | U | | 0.0016 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Benzo(g,h,i)perylene | U | | 0.00092 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Benzo(k)fluoranthene | U | | 0.0012 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0018 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Bis(2-chloroethoxy)methane | U | | 0.0012 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| **Bis(2-ethylhexyl)phthalate** | **0.0077** | J | **0.0022** | **0.0087** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:34 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-06-52 | Lab ID:HS18100338-14 | |
| Collection Date: | 04-Oct-2018 10:55 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | U | | 0.0017 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Caprolactam | U | | 0.0016 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Carbazole | U | | 0.0016 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Chrysene | U | | 0.0011 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Dibenz(a,h)anthracene | U | | 0.0021 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Dibenzofuran | U | | 0.00092 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Diethyl phthalate | U | | 0.0013 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Dimethyl phthalate | U | | 0.0011 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Di-n-butyl phthalate | U | | 0.0016 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Di-n-octyl phthalate | U | | 0.0012 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| **Fluoranthene** | **0.0016** | J | **0.0014** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:34 |
| Fluorene | U | | 0.0014 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Hexachlorobenzene | U | | 0.0012 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Hexachlorobutadiene | U | | 0.0016 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Hexachlorocyclopentadiene | U | | 0.0011 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Hexachloroethane | U | | 0.0020 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Indeno(1,2,3-cd)pyrene | U | | 0.0011 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Isophorone | U | | 0.0011 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Naphthalene | U | | 0.00079 | 0.0043 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Nitrobenzene | U | | 0.0012 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| N-Nitrosodi-n-propylamine | U | | 0.0014 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| N-Nitrosodiphenylamine | U | | 0.00092 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| Pentachlorophenol | U | | 0.0043 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| **Phenanthrene** | **0.0030** | J | **0.0020** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:34 |
| Phenol | U | | 0.0014 | 0.0087 | mg/Kg-dry | 1 | 10-Oct-2018 18:34 |
| **Pyrene** | **0.0011** | J | **0.00079** | **0.0043** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:34 |
| *Surr: 2,4,6-Tribromophenol* | *80.8* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 18:34* |
| *Surr: 2-Fluorobiphenyl* | *75.3* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 18:34* |
| *Surr: 2-Fluorophenol* | *63.0* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 18:34* |
| *Surr: 4-Terphenyl-d14* | *91.9* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 18:34* |
| *Surr: Nitrobenzene-d5* | *71.9* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 18:34* |
| *Surr: Phenol-d6* | *64.7* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 18:34* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-06-52 | Lab ID:HS18100338-14 | |
| Collection Date: | 04-Oct-2018 10:55 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0055 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| Aroclor 1221 | U | | 0.0074 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| Aroclor 1232 | U | | 0.0059 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| Aroclor 1242 | U | | 0.0078 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| Aroclor 1248 | U | | 0.0078 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| Aroclor 1254 | U | | 0.0062 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| Aroclor 1260 | U | | 0.0053 | 0.022 | mg/Kg-dry | 1 | 10-Oct-2018 08:54 |
| *Surr: Decachlorobiphenyl* | *138* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 08:54* |
| *Surr: Tetrachloro-m-xylene* | *89.9* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 08:54* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **10,100** | | **29.6** | **255** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:10 |
| **Antimony** | **0.372** | J | **0.0828** | **0.637** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Arsenic** | **7.36** | | **0.0892** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Barium** | **93.1** | | **0.0382** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Beryllium** | **0.547** | J | **0.0267** | **0.637** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Cadmium** | **0.621** | J | **0.0344** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Calcium** | **259,000** | | **632** | **6370** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:10 |
| **Chromium** | **17.7** | | **0.0293** | **0.637** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Cobalt** | **6.29** | | **0.0191** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Copper** | **29.7** | | **0.0484** | **0.255** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Iron** | **12,000** | | **2.33** | **63.7** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Lead** | **52.3** | | **0.0166** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Magnesium** | **4,560** | | **3.20** | **63.7** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Manganese** | **1,070** | | **5.48** | **63.7** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:10 |
| **Nickel** | **16.9** | | **0.0611** | **0.637** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Potassium** | **1,710** | | **8.56** | **63.7** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Selenium** | **1.12** | | **0.116** | **0.637** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| **Silver** | **0.0638** | J | **0.0191** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Sodium** | **183** | | **5.31** | **63.7** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:51 |
| Thallium | U | | 0.284 | 0.637 | mg/Kg-dry | 1 | 10-Oct-2018 23:03 |
| **Vanadium** | **34.1** | | **0.0955** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **Zinc** | **126** | | **0.217** | **0.637** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:03 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0463** | | **0.000644** | **0.00456** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:43 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **24.1** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | | **ANALYTICAL REPORT** |
| Project: | FJ Doyle Site | | WorkOrder:HS18100338 |
| Sample ID: | DRA32-20181004-12-51 | | Lab ID:HS18100338-15 |
| Collection Date: | 04-Oct-2018 11:15 | | Matrix:Soil |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| 1,1´-Biphenyl | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,4,5-Trichlorophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,4,6-Trichlorophenol | U | | 0.0021 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,4-Dichlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,4-Dimethylphenol | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,4-Dinitrophenol | U | | 0.0055 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,4-Dinitrotoluene | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2,6-Dinitrotoluene | U | | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2-Chloronaphthalene | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2-Chlorophenol | U | | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2-Methylnaphthalene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2-Methylphenol | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 2-Nitrophenol | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 3&4-Methylphenol | U | | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 3,3´-Dichlorobenzidine | U | | 0.0031 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 3-Nitroaniline | U | | 0.0023 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4,6-Dinitro-2-methylphenol | U | | 0.0026 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4-Bromophenyl phenyl ether | U | | 0.0020 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4-Chloro-3-methylphenol | U | | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4-Chloroaniline | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4-Chlorophenyl phenyl ether | U | | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4-Nitroaniline | U | | 0.0027 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| 4-Nitrophenol | U | | 0.0023 | 0.016 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Acenaphthene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Acenaphthylene | U | | 0.0012 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Acetophenone | U | | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Anthracene | U | | 0.00061 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Atrazine | U | | 0.0025 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Benz(a)anthracene | U | | 0.0020 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Benzaldehyde | U | n | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Benzo(a)pyrene | U | | 0.0012 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Benzo(b)fluoranthene | U | | 0.0015 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Benzo(g,h,i)perylene | U | | 0.00086 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Benzo(k)fluoranthene | U | | 0.0011 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Bis(2-chloro-1-methylethyl) ether | U | | 0.0017 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Bis(2-chloroethoxy)methane | U | | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Bis(2-chloroethyl)ether | U | | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| **Bis(2-ethylhexyl)phthalate** | **0.022** | | **0.0021** | **0.0081** | **mg/Kg-dry** | 1 | 10-Oct-2018 18:53 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-12-51 | Lab ID:HS18100338-15 | |
| Collection Date: | 04-Oct-2018 11:15 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **LOW-LEVEL SEMIVOLATILES BY 8270D** | | **Method:SW8270** | | | Prep:SW3541 / 08-Oct-2018 | | Analyst: ACN |
| Butyl benzyl phthalate | | U | 0.0016 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Caprolactam | | U | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Carbazole | | U | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Chrysene | | U | 0.00098 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Dibenz(a,h)anthracene | | U | 0.0020 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Dibenzofuran | | U | 0.00086 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Diethyl phthalate | | U | 0.0012 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Dimethyl phthalate | | U | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Di-n-butyl phthalate | | U | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Di-n-octyl phthalate | | U | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Fluoranthene | | U | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Fluorene | | U | 0.0014 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Hexachlorobenzene | | U | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Hexachlorobutadiene | | U | 0.0015 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Hexachlorocyclopentadiene | | U | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Hexachloroethane | | U | 0.0018 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Indeno(1,2,3-cd)pyrene | | U | 0.00098 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Isophorone | | U | 0.00098 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Naphthalene | | U | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Nitrobenzene | | U | 0.0011 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| N-Nitrosodi-n-propylamine | | U | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| N-Nitrosodiphenylamine | | U | 0.00086 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Pentachlorophenol | | U | 0.0041 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Phenanthrene | | U | 0.0018 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Phenol | | U | 0.0014 | 0.0081 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| Pyrene | | U | 0.00074 | 0.0041 | mg/Kg-dry | 1 | 10-Oct-2018 18:53 |
| *Surr: 2,4,6-Tribromophenol* | *60.5* | | | *36-126* | *%REC* | *1* | *10-Oct-2018 18:53* |
| *Surr: 2-Fluorobiphenyl* | *52.2* | | | *43-125* | *%REC* | *1* | *10-Oct-2018 18:53* |
| *Surr: 2-Fluorophenol* | *45.6* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 18:53* |
| *Surr: 4-Terphenyl-d14* | *74.1* | | | *32-125* | *%REC* | *1* | *10-Oct-2018 18:53* |
| *Surr: Nitrobenzene-d5* | *50.9* | | | *37-125* | *%REC* | *1* | *10-Oct-2018 18:53* |
| *Surr: Phenol-d6* | *47.7* | | | *40-125* | *%REC* | *1* | *10-Oct-2018 18:53* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | **ANALYTICAL REPORT** | |
| Project: | FJ Doyle Site | WorkOrder:HS18100338 | |
| Sample ID: | DRA32-20181004-12-51 | Lab ID:HS18100338-15 | |
| Collection Date: | 04-Oct-2018 11:15 | Matrix:Soil | |

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541/3665A / 08-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | U | | 0.0052 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| Aroclor 1221 | U | | 0.0069 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| Aroclor 1232 | U | | 0.0055 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| Aroclor 1242 | U | | 0.0073 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| Aroclor 1248 | U | | 0.0073 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| Aroclor 1254 | U | | 0.0058 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| Aroclor 1260 | U | | 0.0049 | 0.021 | mg/Kg-dry | 1 | 10-Oct-2018 09:09 |
| *Surr: Decachlorobiphenyl* | *133* | | | *54-143* | *%REC* | *1* | *10-Oct-2018 09:09* |
| *Surr: Tetrachloro-m-xylene* | *103* | | | *50-140* | *%REC* | *1* | *10-Oct-2018 09:09* |
| **METALS BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Aluminum** | **6,740** | | **27.3** | **235** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:13 |
| **Antimony** | **0.252** | J | **0.0765** | **0.588** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Arsenic** | **7.82** | | **0.0824** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Barium** | **61.1** | | **0.0353** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Beryllium** | **0.421** | J | **0.0247** | **0.588** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Cadmium** | **0.502** | J | **0.0318** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Calcium** | **252,000** | | **584** | **5880** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:13 |
| **Chromium** | **13.8** | | **0.0271** | **0.588** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Cobalt** | **5.64** | | **0.0177** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Copper** | **11.2** | | **0.0447** | **0.235** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Iron** | **8,460** | | **2.15** | **58.8** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Lead** | **119** | | **0.0153** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Magnesium** | **2,590** | | **2.95** | **58.8** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Manganese** | **858** | | **5.06** | **58.8** | **mg/Kg-dry** | 100 | 11-Oct-2018 15:13 |
| **Nickel** | **15.0** | | **0.0565** | **0.588** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Potassium** | **1,750** | | **7.91** | **58.8** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Selenium** | **1.09** | | **0.107** | **0.588** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| **Silver** | **0.0514** | J | **0.0177** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Sodium** | **255** | | **4.91** | **58.8** | **mg/Kg-dry** | 1 | 11-Oct-2018 16:59 |
| Thallium | U | | 0.262 | 0.588 | mg/Kg-dry | 1 | 10-Oct-2018 23:05 |
| **Vanadium** | **29.3** | | **0.0883** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **Zinc** | **63.4** | | **0.200** | **0.588** | **mg/Kg-dry** | 1 | 10-Oct-2018 23:05 |
| **MERCURY BY SW7471B** | | **Method:SW7471A** | | | Prep:SW7471A / 10-Oct-2018 | | Analyst: JCJ |
| **Mercury** | **0.0552** | | **0.000591** | **0.00418** | **mg/Kg-dry** | 1 | 11-Oct-2018 13:45 |
| **MOISTURE - ASTM D2216** | | **Method:ASTM D2216** | | | | | Analyst: DFF |
| **Percent Moisture** | **19.0** | | **0.0100** | **0.0100** | **wt%** | 1 | 09-Oct-2018 09:58 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-PCS01-20181004-81
Collection Date: 04-Oct-2018 16:16

WorkOrder:HS18100338
Lab ID:HS18100338-16
Matrix:Paint

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:CLP4_PEST / 10-Oct-2018 | | Analyst: JBA |
| Aroclor 1268 | U | n | 0.033 | 0.033 | mg/Kg | 1 | 11-Oct-2018 01:36 |
| *Surr: Tetrachloro-m-xylene* | *89.2* | | | *55-150* | *%REC* | *1* | *11-Oct-2018 01:36* |
| **LEAD IN PAINT BY SW6020A** | | **Method:SW6020** | | | Prep:SW3050A / 08-Oct-2018 | | Analyst: JC |
| **Lead** | **151** | | **1.24** | **47.7** | **mg/Kg** | 100 | 10-Oct-2018 23:07 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS01-20181004-81
Collection Date: 04-Oct-2018 14:11

WorkOrder:HS18100338
Lab ID:HS18100338-17
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:04 |
| *Surr: Decachlorobiphenyl* | *121* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:04* |
| *Surr: Tetrachloro-m-xylene* | *113* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:04* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS01-20181004-82
Collection Date: 04-Oct-2018 14:13

WorkOrder:HS18100338
Lab ID:HS18100338-18
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:20 |
| *Surr: Decachlorobiphenyl* | *117* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:20* |
| *Surr: Tetrachloro-m-xylene* | *110* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:20* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS02-20181004-81
Collection Date: 04-Oct-2018 14:16

WorkOrder:HS18100338
Lab ID:HS18100338-19
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:36 |
| *Surr: Decachlorobiphenyl* | *132* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:36* |
| *Surr: Tetrachloro-m-xylene* | *99.7* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:36* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS03-20181004-81
Collection Date: 04-Oct-2018 14:20

WorkOrder:HS18100338
Lab ID:HS18100338-20
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 20:51 |
| *Surr: Decachlorobiphenyl* | *127* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:51* |
| *Surr: Tetrachloro-m-xylene* | *118* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 20:51* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS04-20181004-81
Collection Date: 04-Oct-2018 14:26

WorkOrder:HS18100338
Lab ID:HS18100338-21
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:07 |
| *Surr: Decachlorobiphenyl* | *134* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 21:07* |
| *Surr: Tetrachloro-m-xylene* | *107* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 21:07* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS05-20181004-81
Collection Date: 04-Oct-2018 14:28

WorkOrder:HS18100338
Lab ID:HS18100338-22
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 21:23 |
| *Surr: Decachlorobiphenyl* | *130* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 21:23* |
| *Surr: Tetrachloro-m-xylene* | *117* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 21:23* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS05-20181004-82
Collection Date: 04-Oct-2018 14:31

WorkOrder:HS18100338
Lab ID:HS18100338-23
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 22:57 |
| *Surr: Decachlorobiphenyl* | *129* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 22:57* |
| *Surr: Tetrachloro-m-xylene* | *113* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 22:57* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS06-20181004-81
Collection Date: 04-Oct-2018 14:33

WorkOrder:HS18100338
Lab ID:HS18100338-24
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:13 |
| *Surr: Decachlorobiphenyl* | *108* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 23:13* |
| *Surr: Tetrachloro-m-xylene* | *97.8* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 23:13* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS07-20181004-81
Collection Date: 04-Oct-2018 14:36

WorkOrder:HS18100338
Lab ID:HS18100338-25
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:28 |
| *Surr: Decachlorobiphenyl* | *130* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 23:28* |
| *Surr: Tetrachloro-m-xylene* | *120* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 23:28* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS08-20181004-81
Collection Date: 04-Oct-2018 14:38

WorkOrder:HS18100338
Lab ID:HS18100338-26
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 09-Oct-2018 23:44 |
| *Surr: Decachlorobiphenyl* | *131* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 23:44* |
| *Surr: Tetrachloro-m-xylene* | *107* | | | *30-150* | *%REC* | *1* | *09-Oct-2018 23:44* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS09-20181004-81
Collection Date: 04-Oct-2018 14:42

WorkOrder:HS18100338
Lab ID:HS18100338-27
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:00 |
| *Surr: Decachlorobiphenyl* | *136* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:00* |
| *Surr: Tetrachloro-m-xylene* | *120* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:00* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS10-20181004-81
Collection Date: 04-Oct-2018 14:46

WorkOrder:HS18100338
Lab ID:HS18100338-28
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:16 |
| *Surr: Decachlorobiphenyl* | *112* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:16* |
| *Surr: Tetrachloro-m-xylene* | *95.6* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:16* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS11-20181004-81
Collection Date: 04-Oct-2018 14:54

WorkOrder:HS18100338
Lab ID:HS18100338-29
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:31 |
| *Surr: Decachlorobiphenyl* | *129* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:31* |
| *Surr: Tetrachloro-m-xylene* | *115* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:31* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS12-20181004-81
Collection Date: 04-Oct-2018 14:58

WorkOrder:HS18100338
Lab ID:HS18100338-30
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 00:47 |
| *Surr: Decachlorobiphenyl* | *128* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:47* |
| *Surr: Tetrachloro-m-xylene* | *114* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 00:47* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS13-20181004-81
Collection Date: 04-Oct-2018 15:02

WorkOrder:HS18100338
Lab ID:HS18100338-31
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:03 |
| *Surr: Decachlorobiphenyl* | *125* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 01:03* |
| *Surr: Tetrachloro-m-xylene* | *102* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 01:03* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ANALYTICAL REPORT**

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Sample ID: FJD04-09-WS14-20181004-81
Collection Date: 04-Oct-2018 15:06

WorkOrder:HS18100338
Lab ID:HS18100338-32
Matrix:Wipe

| ANALYSES | RESULT | QUAL | MDL | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED |
|---|---|---|---|---|---|---|---|
| **PCBS BY SW8082A** | | **Method:SW8082** | | | Prep:SW3541C/3665A / 09-Oct-2018 | | Analyst: JBA |
| Aroclor 1016 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| Aroclor 1221 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| Aroclor 1232 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| Aroclor 1242 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| Aroclor 1248 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| Aroclor 1254 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| Aroclor 1260 | | U | 0.50 | 0.50 | ug/100cm2 | 1 | 10-Oct-2018 01:18 |
| *Surr: Decachlorobiphenyl* | *111* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 01:18* |
| *Surr: Tetrachloro-m-xylene* | *94.8* | | | *30-150* | *%REC* | *1* | *10-Oct-2018 01:18* |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

## WEIGHT LOG

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

**Batch ID:** 133244 **Method:** LOW-LEVEL SEMIVOLATILES **Prep:** 3510_B_LOW

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-01 | 1 | 1000 | 1 (mL) | 0.001 |

**Batch ID:** 133282 **Method:** LEAD IN PAINT BY SW6020A **Prep:** 3050_I_LOW

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-16 | 1 | 0.5244 | 50 (mL) | 95.35 |
| HS18100338-02 | 1 | 0.521 | 50 (mL) | 95.97 |
| HS18100338-03 | 1 | 0.5175 | 50 (mL) | 96.62 |
| HS18100338-04 | 1 | 0.5125 | 50 (mL) | 97.56 |
| HS18100338-05 | 1 | 0.5393 | 50 (mL) | 92.71 |
| HS18100338-06 | 1 | 0.5308 | 50 (mL) | 94.2 |
| HS18100338-07 | 1 | 0.5437 | 50 (mL) | 91.96 |
| HS18100338-08 | 1 | 0.546 | 50 (mL) | 91.58 |
| HS18100338-09 | 1 | 0.5272 | 50 (mL) | 94.84 |
| HS18100338-10 | 1 | 0.5187 | 50 (mL) | 96.39 |
| HS18100338-11 | 1 | 0.544 | 50 (mL) | 91.91 |
| HS18100338-12 | 1 | 0.5173 | 50 (mL) | 96.66 |
| HS18100338-13 | 1 | 0.5294 | 50 (mL) | 94.45 |
| HS18100338-14 | 1 | 0.5172 | 50 (mL) | 96.67 |
| HS18100338-15 | 1 | 0.5246 | 50 (mL) | 95.31 |

**Batch ID:** 133292 **Method:** ICP-MS METALS BY SW6020A **Prep:** 3010A

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-01 | 1 | 10 | 10 (mL) | 1 |

**Batch ID:** 133297 **Method:** LOW-LEVEL SEMIVOLATILES BY 8270D **Prep:** 3541_B_LOW

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-02 | 1 | 30.07 | 1 (mL) | 0.03326 |
| HS18100338-03 | 1 | 30.05 | 1 (mL) | 0.03328 |
| HS18100338-04 | 1 | 30.12 | 1 (mL) | 0.0332 |
| HS18100338-05 | 1 | 30.18 | 1 (mL) | 0.03313 |
| HS18100338-06 | 1 | 30.15 | 1 (mL) | 0.03317 |
| HS18100338-07 | 1 | 30.06 | 1 (mL) | 0.03327 |
| HS18100338-08 | 1 | 30.09 | 1 (mL) | 0.03323 |
| HS18100338-09 | 1 | 30.02 | 1 (mL) | 0.03331 |
| HS18100338-10 | 1 | 30.17 | 1 (mL) | 0.03315 |
| HS18100338-11 | 1 | 30.19 | 1 (mL) | 0.03312 |
| HS18100338-12 | 1 | 30.12 | 1 (mL) | 0.0332 |
| HS18100338-13 | 1 | 30.03 | 1 (mL) | 0.0333 |
| HS18100338-14 | 1 | 30.04 | 1 (mL) | 0.03329 |
| HS18100338-15 | 1 | 30.15 | 1 (mL) | 0.03317 |

## WEIGHT LOG

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

**Batch ID:** 133300 **Method:** PCBS BY SW8082A **Prep:** PCBPR_SOX

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-02 | 1 | 30.06 | 10 (mL) | 0.3327 |
| HS18100338-03 | 1 | 30.02 | 10 (mL) | 0.3331 |
| HS18100338-04 | 1 | 30.05 | 10 (mL) | 0.3328 |
| HS18100338-05 | 1 | 30.13 | 10 (mL) | 0.3319 |
| HS18100338-06 | 1 | 30.19 | 10 (mL) | 0.3312 |
| HS18100338-07 | 1 | 30.15 | 10 (mL) | 0.3317 |
| HS18100338-08 | 1 | 30.03 | 10 (mL) | 0.333 |
| HS18100338-09 | 1 | 30.11 | 10 (mL) | 0.3321 |
| HS18100338-10 | 1 | 30.16 | 10 (mL) | 0.3316 |
| HS18100338-11 | 1 | 30.18 | 10 (mL) | 0.3313 |
| HS18100338-12 | 1 | 30.12 | 10 (mL) | 0.332 |
| HS18100338-13 | 1 | 30.08 | 10 (mL) | 0.3324 |
| HS18100338-14 | 1 | 30.07 | 10 (mL) | 0.3326 |
| HS18100338-15 | 1 | 30.14 | 10 (mL) | 0.3318 |

**Batch ID:** 133307 **Method:** PCBS BY SW8082A **Prep:** PCBWIPEPR_SOX

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-17 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-18 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-19 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-20 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-21 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-22 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-23 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-24 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-25 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-26 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-27 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-28 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-29 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-30 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-31 | 1 | 1 | 10 (mL) | 10 |
| HS18100338-32 | 1 | 1 | 10 (mL) | 10 |

**Batch ID:** 133318 **Method:** PCBS BY SW8082A **Prep:** 3510_PCB

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-01 | 1 | 240 | 10 (mL) | 0.04167 |

**Batch ID:** 133349 **Method:** MERCURY BY SW7470A **Prep:** HG_WPR

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-01 | 1 | 10 (mL) | 10 (mL) | 1 |

## WEIGHT LOG

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

**Batch ID:** 133369 **Method:** MERCURY BY SW7471B **Prep:** HG_S_LOWPR

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-02 | 1 | 0.5646 | 40 (mL) | 70.85 |
| HS18100338-03 | 1 | 0.5721 | 40 (mL) | 69.92 |
| HS18100338-04 | 1 | 0.564 | 40 (mL) | 70.92 |
| HS18100338-05 | 1 | 0.5678 | 40 (mL) | 70.45 |
| HS18100338-06 | 1 | 0.5793 | 40 (mL) | 69.05 |
| HS18100338-07 | 1 | 0.5722 | 40 (mL) | 69.91 |
| HS18100338-08 | 1 | 0.5692 | 40 (mL) | 70.27 |
| HS18100338-09 | 1 | 0.5587 | 40 (mL) | 71.59 |
| HS18100338-10 | 1 | 0.5645 | 40 (mL) | 70.86 |
| HS18100338-11 | 1 | 0.574 | 40 (mL) | 69.69 |
| HS18100338-12 | 1 | 0.5669 | 40 (mL) | 70.56 |
| HS18100338-13 | 1 | 0.5638 | 40 (mL) | 70.95 |
| HS18100338-14 | 1 | 0.5766 | 40 (mL) | 69.37 |
| HS18100338-15 | 1 | 0.5886 | 40 (mL) | 67.96 |

**Batch ID:** 133387 **Method:** PCBS BY SW8082A **Prep:** PEST/PCB PR_SOX

| SampID | Container | Sample Wt/Vol | Final Volume | Prep Factor |
|---|---|---|---|---|
| HS18100338-16 | 1 | 15.06 | 10 (mL) | 0.664 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## DATES REPORT

| Sample ID | Client Samp ID | Collection Date | TCLP Date | Prep Date | Analysis Date | DF |
|---|---|---|---|---|---|---|
| **Batch ID** 133244 | **Test Name :** LOW-LEVEL SEMIVOLATILES | | | **Matrix:** Water | | |
| HS18100338-01 | DRA32-20181004-12-23 | 04 Oct 2018 11:30 | | 08 Oct 2018 09:09 | 10 Oct 2018 14:40 | 1 |
| **Batch ID** 133282 | **Test Name :** LEAD IN PAINT BY SW6020A | | | **Matrix:** Paint | | |
| HS18100338-16 | FJD04-09-PCS01-20181004-81 | 04 Oct 2018 16:16 | | 08 Oct 2018 15:23 | 10 Oct 2018 23:07 | 100 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## DATES REPORT

| Sample ID | Client Samp ID | Collection Date | TCLP Date | Prep Date | Analysis Date | DF |
|---|---|---|---|---|---|---|
| **Batch ID** 133282 | **Test Name :** METALS BY SW6020A | | | **Matrix:** Soil | | |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:11 | 1 |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:32 | 100 |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:08 | 1 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:22 | 1 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:39 | 100 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:34 | 1 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:24 | 1 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:41 | 100 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:36 | 1 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:32 | 1 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:43 | 100 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:39 | 1 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:34 | 1 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:45 | 100 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:41 | 1 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:36 | 1 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:48 | 100 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:43 | 1 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:38 | 1 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:57 | 100 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:45 | 1 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:40 | 1 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | 08 Oct 2018 15:23 | 11 Oct 2018 14:59 | 100 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:47 | 1 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:37 | 500 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:43 | 1 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 08 Oct 2018 15:23 | 11 Oct 2018 15:01 | 100 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:54 | 1 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:45 | 1 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:39 | 500 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 11 Oct 2018 15:04 | 100 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:56 | 1 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:47 | 1 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | 08 Oct 2018 15:23 | 11 Oct 2018 15:06 | 100 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | 08 Oct 2018 15:23 | 10 Oct 2018 22:58 | 1 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:49 | 1 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | 08 Oct 2018 15:23 | 11 Oct 2018 15:08 | 100 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | 08 Oct 2018 15:23 | 10 Oct 2018 23:01 | 1 |
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:51 | 1 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## DATES REPORT

| Sample ID | Client Samp ID | Collection Date | TCLP Date | Prep Date | Analysis Date | DF |
|---|---|---|---|---|---|---|
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | 08 Oct 2018 15:23 | 11 Oct 2018 15:10 | 100 |
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | 08 Oct 2018 15:23 | 10 Oct 2018 23:03 | 1 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 11 Oct 2018 16:59 | 1 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 11 Oct 2018 15:13 | 100 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 15:23 | 10 Oct 2018 23:05 | 1 |
| **Batch ID** 133292 | **Test Name :** ICP-MS METALS BY SW6020A | | | **Matrix:** Water | | |
| HS18100338-01 | DRA32-20181004-12-23 | 04 Oct 2018 11:30 | | 09 Oct 2018 11:00 | 11 Oct 2018 15:27 | 1 |
| **Batch ID** 133297 | **Test Name :** LOW-LEVEL SEMIVOLATILES BY 8270D | | | **Matrix:** Soil | | |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | 08 Oct 2018 17:00 | 10 Oct 2018 13:56 | 1 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | 08 Oct 2018 17:00 | 10 Oct 2018 14:58 | 1 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | 08 Oct 2018 17:00 | 10 Oct 2018 15:18 | 1 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | 08 Oct 2018 17:00 | 10 Oct 2018 15:37 | 1 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | 08 Oct 2018 17:00 | 10 Oct 2018 15:57 | 1 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | 08 Oct 2018 17:00 | 10 Oct 2018 16:17 | 1 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | 08 Oct 2018 17:00 | 10 Oct 2018 16:36 | 1 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | 08 Oct 2018 17:00 | 10 Oct 2018 16:56 | 1 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 08 Oct 2018 17:00 | 10 Oct 2018 17:15 | 1 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 17:00 | 10 Oct 2018 17:35 | 1 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | 08 Oct 2018 17:00 | 10 Oct 2018 17:55 | 1 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | 08 Oct 2018 17:00 | 10 Oct 2018 18:14 | 1 |
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | 08 Oct 2018 17:00 | 10 Oct 2018 18:34 | 1 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 17:00 | 10 Oct 2018 18:53 | 1 |
| **Batch ID** 133300 | **Test Name :** PCBS BY SW8082A | | | **Matrix:** Soil | | |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | 08 Oct 2018 18:00 | 10 Oct 2018 03:24 | 1 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | 08 Oct 2018 18:00 | 10 Oct 2018 04:43 | 1 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | 08 Oct 2018 18:00 | 10 Oct 2018 04:58 | 1 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | 08 Oct 2018 18:00 | 10 Oct 2018 05:14 | 1 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | 08 Oct 2018 18:00 | 10 Oct 2018 06:48 | 1 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | 08 Oct 2018 18:00 | 10 Oct 2018 07:04 | 1 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | 08 Oct 2018 18:00 | 10 Oct 2018 07:20 | 1 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | 08 Oct 2018 18:00 | 10 Oct 2018 07:35 | 1 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 08 Oct 2018 18:00 | 10 Oct 2018 07:51 | 1 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 18:00 | 10 Oct 2018 08:07 | 1 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | 08 Oct 2018 18:00 | 10 Oct 2018 08:22 | 1 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | 08 Oct 2018 18:00 | 10 Oct 2018 08:38 | 1 |
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | 08 Oct 2018 18:00 | 10 Oct 2018 08:54 | 1 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | 08 Oct 2018 18:00 | 10 Oct 2018 09:09 | 1 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## DATES REPORT

| Sample ID | Client Samp ID | Collection Date | TCLP Date | Prep Date | Analysis Date | DF |
|---|---|---|---|---|---|---|
| **Batch ID** 133307 | **Test Name :** PCBS BY SW8082A | | | **Matrix:** Wipe | | |
| HS18100338-17 | FJD04-09-WS01-20181004-81 | 04 Oct 2018 14:11 | | 09 Oct 2018 11:00 | 09 Oct 2018 20:04 | 1 |
| HS18100338-18 | FJD04-09-WS01-20181004-82 | 04 Oct 2018 14:13 | | 09 Oct 2018 11:00 | 09 Oct 2018 20:20 | 1 |
| HS18100338-19 | FJD04-09-WS02-20181004-81 | 04 Oct 2018 14:16 | | 09 Oct 2018 11:00 | 09 Oct 2018 20:36 | 1 |
| HS18100338-20 | FJD04-09-WS03-20181004-81 | 04 Oct 2018 14:20 | | 09 Oct 2018 11:00 | 09 Oct 2018 20:51 | 1 |
| HS18100338-21 | FJD04-09-WS04-20181004-81 | 04 Oct 2018 14:26 | | 09 Oct 2018 11:00 | 09 Oct 2018 21:07 | 1 |
| HS18100338-22 | FJD04-09-WS05-20181004-81 | 04 Oct 2018 14:28 | | 09 Oct 2018 11:00 | 09 Oct 2018 21:23 | 1 |
| HS18100338-23 | FJD04-09-WS05-20181004-82 | 04 Oct 2018 14:31 | | 09 Oct 2018 11:00 | 09 Oct 2018 22:57 | 1 |
| HS18100338-24 | FJD04-09-WS06-20181004-81 | 04 Oct 2018 14:33 | | 09 Oct 2018 11:00 | 09 Oct 2018 23:13 | 1 |
| HS18100338-25 | FJD04-09-WS07-20181004-81 | 04 Oct 2018 14:36 | | 09 Oct 2018 11:00 | 09 Oct 2018 23:28 | 1 |
| HS18100338-26 | FJD04-09-WS08-20181004-81 | 04 Oct 2018 14:38 | | 09 Oct 2018 11:00 | 09 Oct 2018 23:44 | 1 |
| HS18100338-27 | FJD04-09-WS09-20181004-81 | 04 Oct 2018 14:42 | | 09 Oct 2018 11:00 | 10 Oct 2018 00:00 | 1 |
| HS18100338-28 | FJD04-09-WS10-20181004-81 | 04 Oct 2018 14:46 | | 09 Oct 2018 11:00 | 10 Oct 2018 00:16 | 1 |
| HS18100338-29 | FJD04-09-WS11-20181004-81 | 04 Oct 2018 14:54 | | 09 Oct 2018 11:00 | 10 Oct 2018 00:31 | 1 |
| HS18100338-30 | FJD04-09-WS12-20181004-81 | 04 Oct 2018 14:58 | | 09 Oct 2018 11:00 | 10 Oct 2018 00:47 | 1 |
| HS18100338-31 | FJD04-09-WS13-20181004-81 | 04 Oct 2018 15:02 | | 09 Oct 2018 11:00 | 10 Oct 2018 01:03 | 1 |
| HS18100338-32 | FJD04-09-WS14-20181004-81 | 04 Oct 2018 15:06 | | 09 Oct 2018 11:00 | 10 Oct 2018 01:18 | 1 |
| **Batch ID** 133318 | **Test Name :** PCBS BY SW8082A | | | **Matrix:** Water | | |
| HS18100338-01 | DRA32-20181004-12-23 | 04 Oct 2018 11:30 | | 09 Oct 2018 13:44 | 10 Oct 2018 12:18 | 1 |
| **Batch ID** 133349 | **Test Name :** MERCURY BY SW7470A | | | **Matrix:** Water | | |
| HS18100338-01 | DRA32-20181004-12-23 | 04 Oct 2018 11:30 | | 10 Oct 2018 09:00 | 10 Oct 2018 16:05 | 1 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## DATES REPORT

| Sample ID | Client Samp ID | Collection Date | TCLP Date | Prep Date | Analysis Date | DF |
|---|---|---|---|---|---|---|
| **Batch ID** 133369 | **Test Name :** MERCURY BY SW7471B | | | **Matrix:** Soil | | |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:10 | 1 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:15 | 1 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:17 | 1 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:19 | 1 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:21 | 1 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:22 | 1 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:24 | 1 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:26 | 1 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:36 | 1 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:38 | 1 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:40 | 1 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:42 | 1 |
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:43 | 1 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | 10 Oct 2018 13:47 | 11 Oct 2018 13:45 | 1 |
| **Batch ID** 133387 | **Test Name :** PCBS BY SW8082A | | | **Matrix:** Paint | | |
| HS18100338-16 | FJD04-09-PCS01-20181004-81 | 04 Oct 2018 16:16 | | 10 Oct 2018 14:30 | 11 Oct 2018 01:36 | 1 |
| **Batch ID** R325102 | **Test Name :** MOISTURE - ASTM D2216 | | | **Matrix:** Soil | | |
| HS18100338-02 | DRA29-20181004-01-51 | 04 Oct 2018 08:42 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-03 | DRA29-20181004-06-51 | 04 Oct 2018 08:59 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-04 | DRA29-20181004-06-52 | 04 Oct 2018 08:59 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-05 | DRA29-20181004-12-51 | 04 Oct 2018 09:17 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-06 | DRA30-20181004-01-51 | 04 Oct 2018 09:31 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-07 | DRA30-20181004-06-51 | 04 Oct 2018 09:51 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-08 | DRA30-20181004-12-51 | 04 Oct 2018 10:05 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-09 | DRA31-20181004-01-51 | 04 Oct 2018 10:40 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-10 | DRA31-20181004-06-51 | 04 Oct 2018 11:05 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-11 | DRA31-20181004-12-51 | 04 Oct 2018 11:15 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-12 | DRA32-20181004-01-51 | 04 Oct 2018 10:45 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-13 | DRA32-20181004-06-51 | 04 Oct 2018 10:55 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-14 | DRA32-20181004-06-52 | 04 Oct 2018 10:55 | | | 09 Oct 2018 09:58 | 1 |
| HS18100338-15 | DRA32-20181004-12-51 | 04 Oct 2018 11:15 | | | 09 Oct 2018 09:58 | 1 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133300** **Instrument: ECD_7** **Method: SW8082**

**MBLK** Sample ID: **MBLK-133300** Units: **ug/Kg** Analysis Date: **10-Oct-2018 02:53**
Client ID: Run ID: **ECD_7_325204** SeqNo: **4767788** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | U | 17 | | | | | | | | |
| Aroclor 1260 | U | 17 | | | | | | | | |
| *Surr: Decachlorobiphenyl* | *7.565* | *1.6* | *6.667* | *0* | *113* | *54 - 143* | | | | |
| *Surr: Tetrachloro-m-xylene* | *6.796* | *1.6* | *6.667* | *0* | *102* | *50 - 140* | | | | |

**LCS** Sample ID: **LCS-133300** Units: **ug/Kg** Analysis Date: **10-Oct-2018 03:08**
Client ID: Run ID: **ECD_7_325204** SeqNo: **4767789** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 186 | 17 | 166.7 | 0 | 112 | 53 - 135 | | | | |
| Aroclor 1260 | 219 | 17 | 166.7 | 0 | 131 | 54 - 137 | | | | |
| *Surr: Decachlorobiphenyl* | *8.03* | *1.6* | *6.667* | *0* | *120* | *54 - 143* | | | | |
| *Surr: Tetrachloro-m-xylene* | *6.917* | *1.6* | *6.667* | *0* | *104* | *50 - 140* | | | | |

**MS** Sample ID: **HS18100338-02MS** Units: **ug/Kg** Analysis Date: **10-Oct-2018 03:40**
Client ID: **DRA29-20181004-01-51** Run ID: **ECD_7_325204** SeqNo: **4767791** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 176.1 | 17 | 166.2 | 0 | 106 | 53 - 135 | | | | |
| Aroclor 1260 | 206 | 17 | 166.2 | 0 | 124 | 54 - 137 | | | | |
| *Surr: Decachlorobiphenyl* | *7.59* | *1.6* | *6.647* | *0* | *114* | *54 - 143* | | | | |
| *Surr: Tetrachloro-m-xylene* | *6.516* | *1.6* | *6.647* | *0* | *98.0* | *50 - 140* | | | | |

**MSD** Sample ID: **HS18100338-02MSD** Units: **ug/Kg** Analysis Date: **10-Oct-2018 03:56**
Client ID: **DRA29-20181004-01-51** Run ID: **ECD_7_325204** SeqNo: **4767792** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 181.2 | 17 | 166.3 | 0 | 109 | 53 - 135 | 176.1 | 2.83 | 30 | |
| Aroclor 1260 | 204.9 | 17 | 166.3 | 0 | 123 | 54 - 137 | 206 | 0.524 | 30 | |
| *Surr: Decachlorobiphenyl* | *8.148* | *1.6* | *6.651* | *0* | *122* | *54 - 143* | *7.59* | *7.09* | *30* | |
| *Surr: Tetrachloro-m-xylene* | *6.822* | *1.6* | *6.651* | *0* | *103* | *50 - 140* | *6.516* | *4.59* | *30* | |

**The following samples were analyzed in this batch:**

| | | | |
|---|---|---|---|
| HS18100338-02 | HS18100338-03 | HS18100338-04 | HS18100338-05 |
| HS18100338-06 | HS18100338-07 | HS18100338-08 | HS18100338-09 |
| HS18100338-10 | HS18100338-11 | HS18100338-12 | HS18100338-13 |
| HS18100338-14 | HS18100338-15 | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133307** **Instrument: ECD_7** **Method: SW8082**

**MBLK** Sample ID: **MBLK-133307** Units: **ng, Total** Analysis Date: **09-Oct-2018 19:17**
Client ID: Run ID: **ECD_7_325200** SeqNo: **4767741** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | U | 500 | | | | | | | | |
| Aroclor 1260 | U | 500 | | | | | | | | |
| *Surr: Decachlorobiphenyl* | *231* | *0* | *200* | *0* | *115* | *30 - 150* | | | | |
| *Surr: Tetrachloro-m-xylene* | *200.5* | *0* | *200* | *0* | *100* | *30 - 150* | | | | |

**LCS** Sample ID: **LCS-133307** Units: **ng, Total** Analysis Date: **09-Oct-2018 19:33**
Client ID: Run ID: **ECD_7_325200** SeqNo: **4767742** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 4995 | 500 | 5000 | 0 | 99.9 | 50 - 130 | | | | |
| Aroclor 1260 | 5362 | 500 | 5000 | 0 | 107 | 50 - 130 | | | | |
| *Surr: Decachlorobiphenyl* | *196* | *0* | *200* | *0* | *98.0* | *30 - 150* | | | | |
| *Surr: Tetrachloro-m-xylene* | *190.4* | *0* | *200* | *0* | *95.2* | *30 - 150* | | | | |

**LCSD** Sample ID: **LCSD-133307** Units: **ng, Total** Analysis Date: **09-Oct-2018 19:48**
Client ID: Run ID: **ECD_7_325200** SeqNo: **4767743** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 5365 | 500 | 5000 | 0 | 107 | 50 - 130 | 4995 | 7.14 | 30 | |
| Aroclor 1260 | 6073 | 500 | 5000 | 0 | 121 | 50 - 130 | 5362 | 12.4 | 30 | |
| *Surr: Decachlorobiphenyl* | *243.1* | *0* | *200* | *0* | *122* | *30 - 150* | *196* | *21.5* | *30* | |
| *Surr: Tetrachloro-m-xylene* | *206* | *0* | *200* | *0* | *103* | *30 - 150* | *190.4* | *7.9* | *30* | |

**The following samples were analyzed in this batch:**

| | | | |
|---|---|---|---|
| HS18100338-17 | HS18100338-18 | HS18100338-19 | HS18100338-20 |
| HS18100338-21 | HS18100338-22 | HS18100338-23 | HS18100338-24 |
| HS18100338-25 | HS18100338-26 | HS18100338-27 | HS18100338-28 |
| HS18100338-29 | HS18100338-30 | HS18100338-31 | HS18100338-32 |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133318** **Instrument: ECD_7** **Method: SW8082**

**MBLK** Sample ID: **MBLK-133318** Units: **ug/L** Analysis Date: **10-Oct-2018 11:15**
Client ID: Run ID: **ECD_7_325212** SeqNo: **4767918** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | U | 0.500 | | | | | | | | |
| Aroclor 1260 | U | 0.500 | | | | | | | | |
| *Surr: Decachlorobiphenyl* | *0.2222* | *0.0500* | *0.2* | *0* | *111* | *54 - 140* | | | | |
| *Surr: Tetrachloro-m-xylene* | *0.2044* | *0.0500* | *0.2* | *0* | *102* | *53 - 137* | | | | |

**LCS** Sample ID: **LCS-133318** Units: **ug/L** Analysis Date: **10-Oct-2018 11:31**
Client ID: Run ID: **ECD_7_325212** SeqNo: **4767919** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 4.928 | 0.500 | 5 | 0 | 98.6 | 54 - 138 | | | | |
| Aroclor 1260 | 5.42 | 0.500 | 5 | 0 | 108 | 57 - 136 | | | | |
| *Surr: Decachlorobiphenyl* | *0.2046* | *0.0500* | *0.2* | *0* | *102* | *54 - 140* | | | | |
| *Surr: Tetrachloro-m-xylene* | *0.1882* | *0.0500* | *0.2* | *0* | *94.1* | *53 - 137* | | | | |

**LCSD** Sample ID: **LCSD-133318** Units: **ug/L** Analysis Date: **10-Oct-2018 11:46**
Client ID: Run ID: **ECD_7_325212** SeqNo: **4767920** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 4.923 | 0.500 | 5 | 0 | 98.5 | 54 - 138 | 4.928 | 0.101 | 20 | |
| Aroclor 1260 | 5.346 | 0.500 | 5 | 0 | 107 | 57 - 136 | 5.42 | 1.37 | 20 | |
| *Surr: Decachlorobiphenyl* | *0.1905* | *0.0500* | *0.2* | *0* | *95.2* | *54 - 140* | *0.2046* | *7.11* | *20* | |
| *Surr: Tetrachloro-m-xylene* | *0.1888* | *0.0500* | *0.2* | *0* | *94.4* | *53 - 137* | *0.1882* | *0.313* | *20* | |

**The following samples were analyzed in this batch:** HS18100338-01

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133387** **Instrument: ECD_7** **Method: SW8082**

**MBLK** Sample ID: **MBLK-133387** Units: **ug/Kg** Analysis Date: **10-Oct-2018 21:56**
Client ID: Run ID: **ECD_7_325216** SeqNo: **4768024** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1268 | U | 17 | | | | | | | | |
| *Surr: Tetrachloro-m-xylene* | *7.177* | *0* | *6.67* | *0* | *108* | *55 - 137* | | | | |

**LCS** Sample ID: **LCS-133387 1268** Units: **ug/Kg** Analysis Date: **10-Oct-2018 22:43**
Client ID: Run ID: **ECD_7_325216** SeqNo: **4768025** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1268 | 164.5 | 17 | 166.7 | 0 | 98.7 | 50 - 150 | | | | |

**LCSD** Sample ID: **LCSD-133387 1268** Units: **ug/Kg** Analysis Date: **10-Oct-2018 22:59**
Client ID: Run ID: **ECD_7_325216** SeqNo: **4768026** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1268 | 163.2 | 17 | 166.7 | 0 | 97.9 | 50 - 150 | 164.5 | 0.818 | 30 | |

**The following samples were analyzed in this batch:** HS18100338-16

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133282** **Instrument: ICPMS04** **Method: SW6020**

**MBLK** Sample ID: **MBLK-133282** Units: **mg/Kg** Analysis Date: **11-Oct-2018 14:30**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768178** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.6721 | 2.00 | | | | | | | | J |
| Antimony | U | 0.500 | | | | | | | | |
| Arsenic | U | 0.500 | | | | | | | | |
| Barium | 0.1029 | 0.500 | | | | | | | | J |
| Beryllium | U | 0.500 | | | | | | | | |
| Cadmium | U | 0.500 | | | | | | | | |
| Calcium | U | 50.0 | | | | | | | | |
| Chromium | U | 0.500 | | | | | | | | |
| Cobalt | U | 0.500 | | | | | | | | |
| Copper | U | 0.200 | | | | | | | | |
| Iron | U | 50.0 | | | | | | | | |
| Lead | U | 0.500 | | | | | | | | |
| Magnesium | U | 50.0 | | | | | | | | |
| Manganese | U | 0.500 | | | | | | | | |
| Nickel | U | 0.500 | | | | | | | | |
| Potassium | U | 50.0 | | | | | | | | |
| Selenium | U | 0.500 | | | | | | | | |
| Silver | U | 0.500 | | | | | | | | |
| Sodium | U | 50.0 | | | | | | | | |
| Thallium | U | 0.500 | | | | | | | | |
| Vanadium | 0.0896 | 0.500 | | | | | | | | J |
| Zinc | U | 0.500 | | | | | | | | |

**LCS** Sample ID: **LCS-133282** Units: **mg/Kg** Analysis Date: **11-Oct-2018 13:55**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768488** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 62.33 | 2.00 | 60 | 0 | 104 | 80 - 120 | | | | |
| Copper | 10.75 | 0.200 | 10 | 0 | 108 | 80 - 120 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133282** **Instrument: ICPMS04** **Method: SW6020**

**LCS** Sample ID: **LCS-133282** Units: **mg/Kg** Analysis Date: **10-Oct-2018 22:06**
Client ID: Run ID: **ICPMS04_325162** SeqNo: **4767536** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 9.985 | 0.500 | 10 | 0 | 99.8 | 80 - 120 | | | | |
| Arsenic | 9.757 | 0.500 | 10 | 0 | 97.6 | 80 - 120 | | | | |
| Barium | 10.57 | 0.500 | 10 | 0 | 106 | 80 - 120 | | | | |
| Beryllium | 10.9 | 0.500 | 10 | 0 | 109 | 80 - 120 | | | | |
| Cadmium | 10.01 | 0.500 | 10 | 0 | 100 | 80 - 120 | | | | |
| Calcium | 989.7 | 50.0 | 1000 | 0 | 99.0 | 80 - 120 | | | | |
| Chromium | 9.758 | 0.500 | 10 | 0 | 97.6 | 80 - 120 | | | | |
| Cobalt | 9.67 | 0.500 | 10 | 0 | 96.7 | 80 - 120 | | | | |
| Iron | 975.4 | 50.0 | 1000 | 0 | 97.5 | 80 - 120 | | | | |
| Lead | 10 | 0.500 | 10 | 0 | 100 | 80 - 120 | | | | |
| Magnesium | 1020 | 50.0 | 1000 | 0 | 102 | 80 - 120 | | | | |
| Manganese | 9.603 | 0.500 | 10 | 0 | 96.0 | 80 - 120 | | | | |
| Nickel | 9.377 | 0.500 | 10 | 0 | 93.8 | 80 - 120 | | | | |
| Potassium | 968.6 | 50.0 | 1000 | 0 | 96.9 | 80 - 120 | | | | |
| Selenium | 10.02 | 0.500 | 10 | 0 | 100 | 80 - 120 | | | | |
| Silver | 9.912 | 0.500 | 10 | 0 | 99.1 | 80 - 120 | | | | |
| Sodium | 980.6 | 50.0 | 1000 | 0 | 98.1 | 80 - 120 | | | | |
| Thallium | 10.19 | 0.500 | 10 | 0 | 102 | 80 - 120 | | | | |
| Vanadium | 9.911 | 0.500 | 10 | 0 | 99.1 | 80 - 120 | | | | |
| Zinc | 9.226 | 0.500 | 10 | 0 | 92.3 | 80 - 120 | | | | |

**MS** Sample ID: **HS18100338-02MS** Units: **mg/Kg** Analysis Date: **11-Oct-2018 16:15**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325213** SeqNo: **4768921** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 14410 | 1.90 | 57.12 | 9134 | 9240 | 75 - 125 | | | | SEO |
| Copper | 43.26 | 0.190 | 9.52 | 25.66 | 185 | 75 - 125 | | | | S |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133282** **Instrument: ICPMS04** **Method: SW6020**

**MS** Sample ID: **HS18100338-02MS** Units: **mg/Kg** Analysis Date: **10-Oct-2018 22:12**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325162** SeqNo: **4767539** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 5.453 | 0.476 | 9.52 | 0.2402 | 54.8 | 75 - 125 | | | | S |
| Arsenic | 16.1 | 0.476 | 9.52 | 7.491 | 90.4 | 75 - 125 | | | | |
| Barium | 108.7 | 0.476 | 9.52 | 98.69 | 105 | 75 - 125 | | | | O |
| Beryllium | 10.18 | 0.476 | 9.52 | 0.4854 | 102 | 75 - 125 | | | | |
| Cadmium | 9.947 | 0.476 | 9.52 | 0.4067 | 100 | 75 - 125 | | | | |
| Calcium | 151200 | 47.6 | 952 | 161600 | -1090 | 75 - 125 | | | | SEO |
| Chromium | 26.91 | 0.476 | 9.52 | 14.56 | 130 | 75 - 125 | | | | S |
| Cobalt | 14.85 | 0.476 | 9.52 | 6.51 | 87.6 | 75 - 125 | | | | |
| Iron | 10910 | 47.6 | 952 | 9833 | 113 | 75 - 125 | | | | O |
| Lead | 31.76 | 0.476 | 9.52 | 23.07 | 91.3 | 75 - 125 | | | | |
| Magnesium | 4199 | 47.6 | 952 | 2785 | 148 | 75 - 125 | | | | S |
| Manganese | 792.5 | 0.476 | 9.52 | 910.1 | -1230 | 75 - 125 | | | | SEO |
| Nickel | 22.53 | 0.476 | 9.52 | 14 | 89.6 | 75 - 125 | | | | |
| Potassium | 3104 | 47.6 | 952 | 1300 | 189 | 75 - 125 | | | | S |
| Selenium | 10.28 | 0.476 | 9.52 | 0.6737 | 101 | 75 - 125 | | | | |
| Silver | 8.922 | 0.476 | 9.52 | 0.06641 | 93.0 | 75 - 125 | | | | |
| Sodium | 1079 | 47.6 | 952 | 109.5 | 102 | 75 - 125 | | | | |
| Thallium | 9.887 | 0.476 | 9.52 | 0.132 | 102 | 75 - 125 | | | | |
| Vanadium | 47.64 | 0.476 | 9.52 | 35.02 | 133 | 75 - 125 | | | | S |
| Zinc | 105.1 | 0.476 | 9.52 | 68.49 | 385 | 75 - 125 | | | | SO |

**MSD** Sample ID: **HS18100338-02MSD** Units: **mg/Kg** Analysis Date: **11-Oct-2018 16:18**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325213** SeqNo: **4768922** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 13510 | 1.93 | 57.85 | 9134 | 7560 | 75 - 125 | 14410 | 6.5 | 20 | SEO |
| Copper | 38.87 | 0.193 | 9.641 | 25.66 | 137 | 75 - 125 | 43.26 | 10.7 | 20 | S |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133282** **Instrument: ICPMS04** **Method: SW6020**

**MSD** Sample ID: **HS18100338-02MSD** Units: **mg/Kg** Analysis Date: **10-Oct-2018 22:14**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325162** SeqNo: **4767540** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 6.016 | 0.482 | 9.641 | 0.2402 | 59.9 | 75 - 125 | 5.453 | 9.82 | 20 | S |
| Arsenic | 16.68 | 0.482 | 9.641 | 7.491 | 95.3 | 75 - 125 | 16.1 | 3.56 | 20 | |
| Barium | 143.1 | 0.482 | 9.641 | 98.69 | 461 | 75 - 125 | 108.7 | 27.4 | 20 | SRO |
| Beryllium | 10.23 | 0.482 | 9.641 | 0.4854 | 101 | 75 - 125 | 10.18 | 0.476 | 20 | |
| Cadmium | 10.28 | 0.482 | 9.641 | 0.4067 | 102 | 75 - 125 | 9.947 | 3.34 | 20 | |
| Calcium | 156700 | 48.2 | 964.1 | 161600 | -516 | 75 - 125 | 151200 | 3.53 | 20 | SEO |
| Chromium | 26.25 | 0.482 | 9.641 | 14.56 | 121 | 75 - 125 | 26.91 | 2.48 | 20 | |
| Cobalt | 15.96 | 0.482 | 9.641 | 6.51 | 98.0 | 75 - 125 | 14.85 | 7.2 | 20 | |
| Iron | 11870 | 48.2 | 964.1 | 9833 | 212 | 75 - 125 | 10910 | 8.44 | 20 | SO |
| Lead | 33.92 | 0.482 | 9.641 | 23.07 | 113 | 75 - 125 | 31.76 | 6.59 | 20 | |
| Magnesium | 3743 | 48.2 | 964.1 | 2785 | 99.4 | 75 - 125 | 4199 | 11.5 | 20 | |
| Manganese | 938 | 0.482 | 9.641 | 910.1 | 290 | 75 - 125 | 792.5 | 16.8 | 20 | SEO |
| Nickel | 23.45 | 0.482 | 9.641 | 14 | 97.9 | 75 - 125 | 22.53 | 3.99 | 20 | |
| Potassium | 2850 | 48.2 | 964.1 | 1300 | 161 | 75 - 125 | 3104 | 8.55 | 20 | S |
| Selenium | 10.1 | 0.482 | 9.641 | 0.6737 | 97.8 | 75 - 125 | 10.28 | 1.74 | 20 | |
| Silver | 9.177 | 0.482 | 9.641 | 0.06641 | 94.5 | 75 - 125 | 8.922 | 2.82 | 20 | |
| Sodium | 1075 | 48.2 | 964.1 | 109.5 | 100 | 75 - 125 | 1079 | 0.43 | 20 | |
| Thallium | 10.21 | 0.482 | 9.641 | 0.132 | 104 | 75 - 125 | 9.887 | 3.17 | 20 | |
| Vanadium | 48.9 | 0.482 | 9.641 | 35.02 | 144 | 75 - 125 | 47.64 | 2.61 | 20 | S |
| Zinc | 77.91 | 0.482 | 9.641 | 68.49 | 97.8 | 75 - 125 | 105.1 | 29.7 | 20 | RO |

**PDS** Sample ID: **HS18100338-02PDS** Units: **mg/Kg** Analysis Date: **11-Oct-2018 14:36**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325213** SeqNo: **4768212** PrepDate: **08-Oct-2018** DF: **100**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 10750 | 192 | 959.7 | 9954 | 83.4 | 75 - 125 | | | | O |
| Calcium | 272400 | 4800 | 95970 | 175400 | 101 | 75 - 125 | | | | |
| Manganese | 1974 | 48.0 | 959.7 | 1026 | 98.8 | 75 - 125 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID:** 133282 **Instrument:** ICPMS04 **Method:** SW6020

**PDS** Sample ID: **HS18100338-02PDS** Units: **mg/Kg** Analysis Date: **10-Oct-2018 22:17**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325162** SeqNo: **4767541** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 9.916 | 0.480 | 9.597 | 0.2402 | 101 | 75 - 125 | | | | |
| Arsenic | 16.55 | 0.480 | 9.597 | 7.491 | 94.4 | 75 - 125 | | | | |
| Barium | 106.4 | 0.480 | 9.597 | 98.69 | 80.7 | 75 - 125 | | | | O |
| Beryllium | 10.72 | 0.480 | 9.597 | 0.4854 | 107 | 75 - 125 | | | | |
| Cadmium | 10.12 | 0.480 | 9.597 | 0.4067 | 101 | 75 - 125 | | | | |
| Chromium | 22.77 | 0.480 | 9.597 | 14.56 | 85.5 | 75 - 125 | | | | |
| Cobalt | 15.83 | 0.480 | 9.597 | 6.51 | 97.1 | 75 - 125 | | | | |
| Iron | 10880 | 48.0 | 959.7 | 9833 | 109 | 75 - 125 | | | | O |
| Lead | 32.03 | 0.480 | 9.597 | 23.07 | 93.4 | 75 - 125 | | | | |
| Magnesium | 3505 | 48.0 | 959.7 | 2785 | 75.1 | 75 - 125 | | | | |
| Nickel | 21.93 | 0.480 | 9.597 | 14 | 82.6 | 75 - 125 | | | | |
| Potassium | 2303 | 48.0 | 959.7 | 1300 | 104 | 75 - 125 | | | | |
| Selenium | 10.35 | 0.480 | 9.597 | 0.6737 | 101 | 75 - 125 | | | | |
| Silver | 8.77 | 0.480 | 9.597 | 0.06641 | 90.7 | 75 - 125 | | | | |
| Sodium | 1049 | 48.0 | 959.7 | 109.5 | 97.9 | 75 - 125 | | | | |
| Thallium | 9.726 | 0.480 | 9.597 | 0.132 | 100.0 | 75 - 125 | | | | |
| Vanadium | 42.48 | 0.480 | 9.597 | 35.02 | 77.7 | 75 - 125 | | | | |
| Zinc | 73.46 | 0.480 | 9.597 | 68.49 | 51.9 | 75 - 125 | | | | SO |

**PDS** Sample ID: **HS18100338-02PDS** Units: **mg/Kg** Analysis Date: **11-Oct-2018 16:20**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325213** SeqNo: **4768923** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Copper | 35.99 | 0.192 | 9.597 | 25.66 | 108 | 75 - 125 | | | | |

**SD** Sample ID: **HS18100338-02SD** Units: **mg/Kg** Analysis Date: **11-Oct-2018 14:34**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325213** SeqNo: **4768211** PrepDate: **08-Oct-2018** DF: **500**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %D | %D Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 9900 | 960 | | | | | 9954 | 0.535 | 10 | |
| Calcium | 169700 | 24000 | | | | | 175400 | 3.24 | 10 | |
| Manganese | 1068 | 240 | | | | | 1026 | 4.01 | 10 | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID:** 133282 **Instrument:** ICPMS04 **Method:** SW6020

**SD** Sample ID: **HS18100338-02SD** Units: **mg/Kg** Analysis Date: **10-Oct-2018 22:10**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325162** SeqNo: **4767538** PrepDate: **08-Oct-2018** DF: **5**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %D | %D Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | U | 2.40 | | | | | 0.2402 | 0 | 10 | |
| Arsenic | 7.545 | 2.40 | | | | | 7.491 | 0.716 | 10 | |
| Barium | 96.8 | 2.40 | | | | | 98.69 | 1.91 | 10 | |
| Beryllium | 0.5095 | 2.40 | | | | | 0.4854 | 0 | 10 | J |
| Cadmium | 0.3605 | 2.40 | | | | | 0.4067 | 0 | 10 | J |
| Chromium | 14.33 | 2.40 | | | | | 14.56 | 1.56 | 10 | |
| Cobalt | 6.81 | 2.40 | | | | | 6.51 | 4.6 | 10 | |
| Iron | 10230 | 240 | | | | | 9833 | 3.99 | 10 | |
| Lead | 23.11 | 2.40 | | | | | 23.07 | 0.188 | 10 | |
| Magnesium | 2814 | 240 | | | | | 2785 | 1.03 | 10 | |
| Nickel | 13.97 | 2.40 | | | | | 14 | 0.224 | 10 | |
| Potassium | 1257 | 240 | | | | | 1300 | 3.34 | 10 | |
| Selenium | 1.478 | 2.40 | | | | | 0.6737 | 0 | 10 | J |
| Silver | U | 2.40 | | | | | 0.06641 | 0 | 10 | |
| Sodium | 93.66 | 240 | | | | | 109.5 | 0 | 10 | J |
| Thallium | U | 2.40 | | | | | 0.132 | 0 | 10 | |
| Vanadium | 34.52 | 2.40 | | | | | 35.02 | 1.44 | 10 | |
| Zinc | 70.78 | 2.40 | | | | | 68.49 | 3.35 | 10 | |

**SD** Sample ID: **HS18100338-02SD** Units: **mg/Kg** Analysis Date: **11-Oct-2018 16:13**
Client ID: **DRA29-20181004-01-51** Run ID: **ICPMS04_325213** SeqNo: **4768920** PrepDate: **08-Oct-2018** DF: **5**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %D | %D Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Copper | 28.63 | 0.960 | | | | | 25.66 | 11.6 | 10 | R |

**The following samples were analyzed in this batch:**

| | | | |
|---|---|---|---|
| HS18100338-02 | HS18100338-03 | HS18100338-04 | HS18100338-05 |
| HS18100338-06 | HS18100338-07 | HS18100338-08 | HS18100338-09 |
| HS18100338-10 | HS18100338-11 | HS18100338-12 | HS18100338-13 |
| HS18100338-14 | HS18100338-15 | HS18100338-16 | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133292** **Instrument: ICPMS05** **Method: SW6020**

**MBLK** Sample ID: **MBLK-133292** Units: **mg/L** Analysis Date: **11-Oct-2018 16:29**
Client ID: Run ID: **ICPMS05_325198** SeqNo: **4768961** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.003291 | 0.0100 | | | | | | | | J |

**MBLK** Sample ID: **MBLK-133292** Units: **mg/L** Analysis Date: **11-Oct-2018 15:22**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768617** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | U | 0.00200 | | | | | | | | |
| Arsenic | U | 0.00200 | | | | | | | | |
| Barium | U | 0.00400 | | | | | | | | |
| Beryllium | U | 0.00200 | | | | | | | | |
| Cadmium | U | 0.00200 | | | | | | | | |
| Calcium | 0.0396 | 0.500 | | | | | | | | J |
| Chromium | U | 0.00400 | | | | | | | | |
| Cobalt | U | 0.00500 | | | | | | | | |
| Copper | U | 0.00200 | | | | | | | | |
| Iron | U | 0.200 | | | | | | | | |
| Lead | U | 0.00200 | | | | | | | | |
| Magnesium | 0.02144 | 0.200 | | | | | | | | J |
| Manganese | 0.000982 | 0.00500 | | | | | | | | J |
| Nickel | U | 0.00200 | | | | | | | | |
| Potassium | U | 0.200 | | | | | | | | |
| Selenium | U | 0.00200 | | | | | | | | |
| Silver | U | 0.00200 | | | | | | | | |
| Sodium | U | 0.200 | | | | | | | | |
| Thallium | U | 0.00200 | | | | | | | | |
| Vanadium | U | 0.00500 | | | | | | | | |
| Zinc | U | 0.00400 | | | | | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133292** **Instrument: ICPMS05** **Method: SW6020**

**LCS** Sample ID: **LCS-133292** Units: **mg/L** Analysis Date: **11-Oct-2018 15:25**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768618** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.1085 | 0.0100 | 0.1 | 0 | 108 | 80 - 120 | | | | |
| Antimony | 0.05079 | 0.00200 | 0.05 | 0 | 102 | 80 - 120 | | | | |
| Arsenic | 0.05156 | 0.00200 | 0.05 | 0 | 103 | 80 - 120 | | | | |
| Barium | 0.04667 | 0.00400 | 0.05 | 0 | 93.3 | 80 - 120 | | | | |
| Beryllium | 0.05041 | 0.00200 | 0.05 | 0 | 101 | 80 - 120 | | | | |
| Cadmium | 0.05052 | 0.00200 | 0.05 | 0 | 101 | 80 - 120 | | | | |
| Calcium | 5.149 | 0.500 | 5 | 0 | 103 | 80 - 120 | | | | |
| Chromium | 0.05144 | 0.00400 | 0.05 | 0 | 103 | 80 - 120 | | | | |
| Cobalt | 0.05047 | 0.00500 | 0.05 | 0 | 101 | 80 - 120 | | | | |
| Copper | 0.05235 | 0.00200 | 0.05 | 0 | 105 | 80 - 120 | | | | |
| Iron | 5.117 | 0.200 | 5 | 0 | 102 | 80 - 120 | | | | |
| Lead | 0.05075 | 0.00200 | 0.05 | 0 | 101 | 80 - 120 | | | | |
| Magnesium | 5.172 | 0.200 | 5 | 0 | 103 | 80 - 120 | | | | |
| Manganese | 0.05391 | 0.00500 | 0.05 | 0 | 108 | 80 - 120 | | | | |
| Nickel | 0.05208 | 0.00200 | 0.05 | 0 | 104 | 80 - 120 | | | | |
| Potassium | 5.162 | 0.200 | 5 | 0 | 103 | 80 - 120 | | | | |
| Selenium | 0.04893 | 0.00200 | 0.05 | 0 | 97.9 | 80 - 120 | | | | |
| Silver | 0.05056 | 0.00200 | 0.05 | 0 | 101 | 80 - 120 | | | | |
| Sodium | 5.187 | 0.200 | 5 | 0 | 104 | 80 - 120 | | | | |
| Thallium | 0.04726 | 0.00200 | 0.05 | 0 | 94.5 | 80 - 120 | | | | |
| Vanadium | 0.04932 | 0.00500 | 0.05 | 0 | 98.6 | 80 - 120 | | | | |
| Zinc | 0.05327 | 0.00400 | 0.05 | 0 | 107 | 80 - 120 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133292** **Instrument: ICPMS05** **Method: SW6020**

**MS** Sample ID: **HS18100285-02MS** Units: **mg/L** Analysis Date: **11-Oct-2018 15:34**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768622** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.1136 | 0.0100 | 0.1 | 0.009067 | 105 | 80 - 120 | | | | |
| Antimony | 0.05299 | 0.00200 | 0.05 | 0.000073 | 106 | 80 - 120 | | | | |
| Arsenic | 0.05709 | 0.00200 | 0.05 | 0.000593 | 113 | 80 - 120 | | | | |
| Barium | 0.6156 | 0.00400 | 0.05 | 0.5537 | 124 | 80 - 120 | | | | SO |
| Beryllium | 0.05544 | 0.00200 | 0.05 | 0.000083 | 111 | 80 - 120 | | | | |
| Cadmium | 0.05436 | 0.00200 | 0.05 | 0.000107 | 109 | 80 - 120 | | | | |
| Calcium | 184.2 | 0.500 | 5 | 172.6 | 232 | 80 - 120 | | | | SEO |
| Chromium | 0.05452 | 0.00400 | 0.05 | 0.000394 | 108 | 80 - 120 | | | | |
| Cobalt | 0.05357 | 0.00500 | 0.05 | 0.000998 | 105 | 80 - 120 | | | | |
| Copper | 0.052 | 0.00200 | 0.05 | -0.001133 | 106 | 80 - 120 | | | | |
| Iron | 14.22 | 0.200 | 5 | 8.783 | 109 | 80 - 120 | | | | |
| Lead | 0.05265 | 0.00200 | 0.05 | -0.000086 | 105 | 80 - 120 | | | | |
| Magnesium | 21.66 | 0.200 | 5 | 15.82 | 117 | 80 - 120 | | | | |
| Manganese | 0.6722 | 0.00500 | 0.05 | 0.5992 | 146 | 80 - 120 | | | | SO |
| Nickel | 0.05433 | 0.00200 | 0.05 | 0.001022 | 107 | 80 - 120 | | | | |
| Potassium | 9.598 | 0.200 | 5 | 4.267 | 107 | 80 - 120 | | | | |
| Selenium | 0.05688 | 0.00200 | 0.05 | -0.000615 | 115 | 80 - 120 | | | | |
| Silver | 0.05404 | 0.00200 | 0.05 | 0.000034 | 108 | 80 - 120 | | | | |
| Sodium | 38.13 | 0.200 | 5 | 31.68 | 129 | 80 - 120 | | | | SO |
| Thallium | 0.05076 | 0.00200 | 0.05 | 0.000009 | 102 | 80 - 120 | | | | |
| Vanadium | 0.05569 | 0.00500 | 0.05 | -0.000391 | 112 | 80 - 120 | | | | |
| Zinc | 0.05688 | 0.00400 | 0.05 | 0.003186 | 107 | 80 - 120 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133292** **Instrument: ICPMS05** **Method: SW6020**

**MSD** Sample ID: **HS18100285-02MSD** Units: **mg/L** Analysis Date: **11-Oct-2018 15:36**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768623** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.1102 | 0.0100 | 0.1 | 0.009067 | 101 | 80 - 120 | 0.1136 | 2.97 | 20 | |
| Antimony | 0.05167 | 0.00200 | 0.05 | 0.000073 | 103 | 80 - 120 | 0.05299 | 2.52 | 20 | |
| Arsenic | 0.05351 | 0.00200 | 0.05 | 0.000593 | 106 | 80 - 120 | 0.05709 | 6.48 | 20 | |
| Barium | 0.6133 | 0.00400 | 0.05 | 0.5537 | 119 | 80 - 120 | 0.6156 | 0.367 | 20 | O |
| Beryllium | 0.05253 | 0.00200 | 0.05 | 0.000083 | 105 | 80 - 120 | 0.05544 | 5.39 | 20 | |
| Cadmium | 0.0499 | 0.00200 | 0.05 | 0.000107 | 99.6 | 80 - 120 | 0.05436 | 8.56 | 20 | |
| Calcium | 180.9 | 0.500 | 5 | 172.6 | 166 | 80 - 120 | 184.2 | 1.8 | 20 | SEO |
| Chromium | 0.05041 | 0.00400 | 0.05 | 0.000394 | 100 | 80 - 120 | 0.05452 | 7.83 | 20 | |
| Cobalt | 0.05118 | 0.00500 | 0.05 | 0.000998 | 100 | 80 - 120 | 0.05357 | 4.55 | 20 | |
| Copper | 0.04884 | 0.00200 | 0.05 | -0.001133 | 99.9 | 80 - 120 | 0.052 | 6.28 | 20 | |
| Iron | 14.16 | 0.200 | 5 | 8.783 | 108 | 80 - 120 | 14.22 | 0.413 | 20 | |
| Lead | 0.0513 | 0.00200 | 0.05 | -0.000086 | 103 | 80 - 120 | 0.05265 | 2.58 | 20 | |
| Magnesium | 21.25 | 0.200 | 5 | 15.82 | 108 | 80 - 120 | 21.66 | 1.93 | 20 | |
| Manganese | 0.6504 | 0.00500 | 0.05 | 0.5992 | 102 | 80 - 120 | 0.6722 | 3.3 | 20 | O |
| Nickel | 0.05202 | 0.00200 | 0.05 | 0.001022 | 102 | 80 - 120 | 0.05433 | 4.34 | 20 | |
| Potassium | 9.651 | 0.200 | 5 | 4.267 | 108 | 80 - 120 | 9.598 | 0.553 | 20 | |
| Selenium | 0.05687 | 0.00200 | 0.05 | -0.000615 | 115 | 80 - 120 | 0.05688 | 0.0176 | 20 | |
| Silver | 0.05072 | 0.00200 | 0.05 | 0.000034 | 101 | 80 - 120 | 0.05404 | 6.35 | 20 | |
| Sodium | 37.37 | 0.200 | 5 | 31.68 | 114 | 80 - 120 | 38.13 | 2.02 | 20 | O |
| Thallium | 0.05103 | 0.00200 | 0.05 | 0.000009 | 102 | 80 - 120 | 0.05076 | 0.527 | 20 | |
| Vanadium | 0.05098 | 0.00500 | 0.05 | -0.000391 | 103 | 80 - 120 | 0.05569 | 8.83 | 20 | |
| Zinc | 0.04918 | 0.00400 | 0.05 | 0.003186 | 92.0 | 80 - 120 | 0.05688 | 14.5 | 20 | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133292** **Instrument: ICPMS05** **Method: SW6020**

**PDS** Sample ID: **HS18100285-02PDS** Units: **mg/L** Analysis Date: **11-Oct-2018 15:38**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768624** PrepDate: **09-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.1097 | 0.0100 | 0.1 | 0.009067 | 101 | 75 - 125 | | | | |
| Antimony | 0.09672 | 0.00200 | 0.1 | 0.000073 | 96.6 | 75 - 125 | | | | |
| Arsenic | 0.1006 | 0.00200 | 0.1 | 0.000593 | 100 | 75 - 125 | | | | |
| Barium | 0.6697 | 0.00400 | 0.1 | 0.5537 | 116 | 75 - 125 | | | | O |
| Beryllium | 0.11 | 0.00200 | 0.1 | 0.000083 | 110 | 75 - 125 | | | | |
| Cadmium | 0.1046 | 0.00200 | 0.1 | 0.000107 | 105 | 75 - 125 | | | | |
| Chromium | 0.09899 | 0.00400 | 0.1 | 0.000394 | 98.6 | 75 - 125 | | | | |
| Cobalt | 0.1025 | 0.00500 | 0.1 | 0.000998 | 101 | 75 - 125 | | | | |
| Copper | 0.09662 | 0.00200 | 0.1 | -0.001133 | 97.8 | 75 - 125 | | | | |
| Iron | 18.99 | 0.200 | 10 | 8.783 | 102 | 75 - 125 | | | | |
| Lead | 0.1025 | 0.00200 | 0.1 | -0.000086 | 103 | 75 - 125 | | | | |
| Magnesium | 25.85 | 0.200 | 10 | 15.82 | 100 | 75 - 125 | | | | |
| Manganese | 0.6799 | 0.00500 | 0.1 | 0.5992 | 80.7 | 75 - 125 | | | | O |
| Nickel | 0.09661 | 0.00200 | 0.1 | 0.001022 | 95.6 | 75 - 125 | | | | |
| Potassium | 14.84 | 0.200 | 10 | 4.267 | 106 | 75 - 125 | | | | |
| Selenium | 0.1041 | 0.00200 | 0.1 | -0.000615 | 105 | 75 - 125 | | | | |
| Silver | 0.09533 | 0.00200 | 0.1 | 0.000034 | 95.3 | 75 - 125 | | | | |
| Sodium | 40.94 | 0.200 | 10 | 31.68 | 92.7 | 75 - 125 | | | | |
| Thallium | 0.1006 | 0.00200 | 0.1 | 0.000009 | 101 | 75 - 125 | | | | |
| Vanadium | 0.1016 | 0.00500 | 0.1 | -0.000391 | 102 | 75 - 125 | | | | |
| Zinc | 0.09786 | 0.00400 | 0.1 | 0.003186 | 94.7 | 75 - 125 | | | | |

**PDS** Sample ID: **HS18100285-02PDS** Units: **mg/L** Analysis Date: **11-Oct-2018 16:35**
Client ID: Run ID: **ICPMS05_325198** SeqNo: **4768964** PrepDate: **09-Oct-2018** DF: **10**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 186.7 | 5.00 | 100 | 164.1 | 22.5 | 75 - 125 | | | | S |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133292** **Instrument: ICPMS05** **Method: SW6020**

**SD** Sample ID: **HS18100285-02SD** Units: **mg/L** Analysis Date: **11-Oct-2018 15:31**
Client ID: Run ID: **ICPMS04_325213** SeqNo: **4768621** PrepDate: **09-Oct-2018** DF: **5**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %D | %D Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 0.02411 | 0.0500 | | | | | 0.009067 | 0 | 10 | J |
| Antimony | U | 0.0100 | | | | | 0.000073 | 0 | 10 | |
| Arsenic | 0.00546 | 0.0100 | | | | | 0.000593 | 0 | 10 | J |
| Barium | 0.5776 | 0.0200 | | | | | 0.5537 | 4.33 | 10 | |
| Beryllium | U | 0.0100 | | | | | 0.000083 | 0 | 10 | |
| Cadmium | U | 0.0100 | | | | | 0.000107 | 0 | 10 | |
| Chromium | U | 0.0200 | | | | | 0.000394 | 0 | 10 | |
| Cobalt | 0.001508 | 0.0250 | | | | | 0.000998 | 0 | 10 | J |
| Copper | U | 0.0100 | | | | | -0.001133 | 0 | 10 | |
| Iron | 9.46 | 1.00 | | | | | 8.783 | 7.7 | 10 | |
| Lead | U | 0.0100 | | | | | -0.000086 | 0 | 10 | |
| Magnesium | 16.14 | 1.00 | | | | | 15.82 | 2.02 | 10 | |
| Manganese | 0.6337 | 0.0250 | | | | | 0.5992 | 5.75 | 10 | |
| Nickel | U | 0.0100 | | | | | 0.001022 | 0 | 10 | |
| Potassium | 4.487 | 1.00 | | | | | 4.267 | 5.15 | 10 | |
| Selenium | U | 0.0100 | | | | | -0.000615 | 0 | 10 | |
| Silver | U | 0.0100 | | | | | 0.000034 | 0 | 10 | |
| Sodium | 34.37 | 1.00 | | | | | 31.68 | 8.49 | 10 | |
| Thallium | U | 0.0100 | | | | | 0.000009 | 0 | 10 | |
| Vanadium | 0.004408 | 0.0250 | | | | | -0.000391 | 0 | 10 | J |
| Zinc | U | 0.0200 | | | | | 0.003186 | 0 | 10 | |

**SD** Sample ID: **HS18100285-02SD** Units: **mg/L** Analysis Date: **11-Oct-2018 16:33**
Client ID: Run ID: **ICPMS05_325198** SeqNo: **4768963** PrepDate: **09-Oct-2018** DF: **50**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %D | %D Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 158.9 | 25.0 | | | | | 164.1 | 3.19 | 10 | |

**The following samples were analyzed in this batch:** HS18100338-01

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID:** 133349 **Instrument:** HG03 **Method:** SW7470

**MBLK** Sample ID: **MBLK-133349** Units: **mg/L** Analysis Date: **10-Oct-2018 15:11**
Client ID: Run ID: **HG03_325131** SeqNo: **4766461** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | U | 0.000200 | | | | | | | | |

**LCS** Sample ID: **LCS-133349** Units: **mg/L** Analysis Date: **10-Oct-2018 15:13**
Client ID: Run ID: **HG03_325131** SeqNo: **4766462** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.00494 | 0.000200 | 0.005 | 0 | 98.8 | 80 - 120 | | | | |

**MS** Sample ID: **HS18100338-01MS** Units: **mg/L** Analysis Date: **10-Oct-2018 16:07**
Client ID: **DRA32-20181004-12-23** Run ID: **HG03_325131** SeqNo: **4766557** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.00498 | 0.000200 | 0.005 | 0.000002 | 99.6 | 75 - 125 | | | | |

**MSD** Sample ID: **HS18100338-01MSD** Units: **mg/L** Analysis Date: **10-Oct-2018 16:12**
Client ID: **DRA32-20181004-12-23** Run ID: **HG03_325131** SeqNo: **4766558** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.00496 | 0.000200 | 0.005 | 0.000002 | 99.2 | 75 - 125 | 0.00498 | 0.402 | 20 | |

**The following samples were analyzed in this batch:** HS18100338-01

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133369** **Instrument: HG03** **Method: SW7471A**

**MBLK** Sample ID: **MBLK-133369** Units: **ug/Kg** Analysis Date: **11-Oct-2018 12:59**
Client ID: Run ID: **HG03_325218** SeqNo: **4768081** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | U | 3.32 | | | | | | | | |

**LCS** Sample ID: **LCS-133369** Units: **ug/Kg** Analysis Date: **11-Oct-2018 13:01**
Client ID: Run ID: **HG03_325218** SeqNo: **4768082** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 320.7 | 3.32 | 333.3 | 0 | 96.2 | 80 - 120 | | | | |

**MS** Sample ID: **HS18100338-02MS** Units: **ug/Kg** Analysis Date: **11-Oct-2018 13:12**
Client ID: **DRA29-20181004-01-51** Run ID: **HG03_325218** SeqNo: **4768087** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 357.5 | 3.55 | 356.1 | 19.91 | 94.8 | 80 - 120 | | | | |

**MSD** Sample ID: **HS18100338-02MSD** Units: **ug/Kg** Analysis Date: **11-Oct-2018 13:14**
Client ID: **DRA29-20181004-01-51** Run ID: **HG03_325218** SeqNo: **4768088** PrepDate: **10-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 361 | 3.55 | 356.1 | 19.91 | 95.8 | 80 - 120 | 357.5 | 0.991 | 20 | |

**The following samples were analyzed in this batch:**

| | | | |
|---|---|---|---|
| HS18100338-02 | HS18100338-03 | HS18100338-04 | HS18100338-05 |
| HS18100338-06 | HS18100338-07 | HS18100338-08 | HS18100338-09 |
| HS18100338-10 | HS18100338-11 | HS18100338-12 | HS18100338-13 |
| HS18100338-14 | HS18100338-15 | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**MBLK** Sample ID: **MBLK-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 13:41**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767492** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | U | 0.20 | | | | | | | | |
| 2,4,5-Trichlorophenol | U | 0.20 | | | | | | | | |
| 2,4,6-Trichlorophenol | U | 0.20 | | | | | | | | |
| 2,4-Dichlorophenol | U | 0.20 | | | | | | | | |
| 2,4-Dimethylphenol | U | 0.20 | | | | | | | | |
| 2,4-Dinitrophenol | U | 1.0 | | | | | | | | |
| 2,4-Dinitrotoluene | U | 0.20 | | | | | | | | |
| 2,6-Dinitrotoluene | U | 0.20 | | | | | | | | |
| 2-Chloronaphthalene | U | 0.20 | | | | | | | | |
| 2-Chlorophenol | U | 0.20 | | | | | | | | |
| 2-Methylnaphthalene | U | 0.10 | | | | | | | | |
| 2-Methylphenol | U | 0.20 | | | | | | | | |
| 2-Nitroaniline | U | 0.20 | | | | | | | | |
| 2-Nitrophenol | U | 0.20 | | | | | | | | |
| 3&4-Methylphenol | U | 0.20 | | | | | | | | |
| 3,3´-Dichlorobenzidine | U | 0.20 | | | | | | | | |
| 3-Nitroaniline | U | 0.20 | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | U | 0.20 | | | | | | | | |
| 4-Bromophenyl phenyl ether | U | 0.20 | | | | | | | | |
| 4-Chloro-3-methylphenol | U | 0.20 | | | | | | | | |
| 4-Chloroaniline | U | 0.20 | | | | | | | | |
| 4-Chlorophenyl phenyl ether | U | 0.20 | | | | | | | | |
| 4-Nitroaniline | U | 0.20 | | | | | | | | |
| 4-Nitrophenol | U | 1.0 | | | | | | | | |
| Acenaphthene | U | 0.10 | | | | | | | | |
| Acenaphthylene | U | 0.10 | | | | | | | | |
| Acetophenone | U | 0.20 | | | | | | | | |
| Anthracene | U | 0.10 | | | | | | | | |
| Atrazine | U | 0.20 | | | | | | | | |
| Benz(a)anthracene | U | 0.10 | | | | | | | | |
| Benzaldehyde | U | 0.20 | | | | | | | | |
| Benzo(a)pyrene | U | 0.10 | | | | | | | | |
| Benzo(b)fluoranthene | U | 0.10 | | | | | | | | |
| Benzo(g,h,i)perylene | U | 0.10 | | | | | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**MBLK** Sample ID: **MBLK-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 13:41**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767492** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | U | 0.10 | | | | | | | | |
| Bis(2-chloro-1-methylethyl) ether | U | 0.20 | | | | | | | | |
| Bis(2-chloroethoxy)methane | U | 0.20 | | | | | | | | |
| Bis(2-chloroethyl)ether | U | 0.20 | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | U | 0.20 | | | | | | | | |
| Butyl benzyl phthalate | U | 0.20 | | | | | | | | |
| Caprolactam | U | 0.20 | | | | | | | | |
| Carbazole | U | 0.20 | | | | | | | | |
| Chrysene | U | 0.10 | | | | | | | | |
| Dibenz(a,h)anthracene | U | 0.10 | | | | | | | | |
| Dibenzofuran | U | 0.10 | | | | | | | | |
| Diethyl phthalate | U | 0.20 | | | | | | | | |
| Dimethyl phthalate | U | 0.20 | | | | | | | | |
| Di-n-butyl phthalate | U | 0.20 | | | | | | | | |
| Di-n-octyl phthalate | U | 0.20 | | | | | | | | |
| Fluoranthene | U | 0.10 | | | | | | | | |
| Fluorene | U | 0.10 | | | | | | | | |
| Hexachlorobenzene | U | 0.20 | | | | | | | | |
| Hexachlorobutadiene | U | 0.20 | | | | | | | | |
| Hexachlorocyclopentadiene | U | 0.20 | | | | | | | | |
| Hexachloroethane | U | 0.20 | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | U | 0.10 | | | | | | | | |
| Isophorone | U | 0.20 | | | | | | | | |
| Naphthalene | U | 0.10 | | | | | | | | |
| Nitrobenzene | U | 0.20 | | | | | | | | |
| N-Nitrosodi-n-propylamine | U | 0.20 | | | | | | | | |
| N-Nitrosodiphenylamine | U | 0.20 | | | | | | | | |
| Pentachlorophenol | U | 0.20 | | | | | | | | |
| Phenanthrene | U | 0.10 | | | | | | | | |
| Phenol | U | 0.20 | | | | | | | | |
| Pyrene | U | 0.10 | | | | | | | | |
| *Surr: 2,4,6-Tribromophenol* | *4.002* | *0.20* | *5* | *0* | *80.0* | *34 - 129* | | | | |
| *Surr: 2-Fluorobiphenyl* | *4.441* | *0.20* | *5* | *0* | *88.8* | *40 - 125* | | | | |
| *Surr: 2-Fluorophenol* | *3.02* | *0.20* | *5* | *0* | *60.4* | *20 - 120* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**MBLK** Sample ID: **MBLK-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 13:41**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767492** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *4.664* | *0.20* | *5* | *0* | *93.3* | *40 - 135* | | | | |
| *Surr: Nitrobenzene-d5* | *3.574* | *0.20* | *5* | *0* | *71.5* | *41 - 120* | | | | |
| *Surr: Phenol-d6* | *3.427* | *0.20* | *5* | *0* | *68.5* | *20 - 120* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**LCS** Sample ID: **LCS-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 14:00**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767493** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | 3.635 | 0.20 | 5 | 0 | 72.7 | 45 - 125 | | | | |
| 2,4,5-Trichlorophenol | 4.397 | 0.20 | 5 | 0 | 87.9 | 46 - 120 | | | | |
| 2,4,6-Trichlorophenol | 4.403 | 0.20 | 5 | 0 | 88.1 | 42 - 120 | | | | |
| 2,4-Dichlorophenol | 4.545 | 0.20 | 5 | 0 | 90.9 | 49 - 120 | | | | |
| 2,4-Dimethylphenol | 3.763 | 0.20 | 5 | 0 | 75.3 | 35 - 120 | | | | |
| 2,4-Dinitrophenol | 3.656 | 1.0 | 5 | 0 | 73.1 | 15 - 120 | | | | |
| 2,4-Dinitrotoluene | 4.238 | 0.20 | 5 | 0 | 84.8 | 50 - 122 | | | | |
| 2,6-Dinitrotoluene | 4.428 | 0.20 | 5 | 0 | 88.6 | 50 - 120 | | | | |
| 2-Chloronaphthalene | 4.427 | 0.20 | 5 | 0 | 88.5 | 50 - 120 | | | | |
| 2-Chlorophenol | 3.984 | 0.20 | 5 | 0 | 79.7 | 40 - 120 | | | | |
| 2-Methylnaphthalene | 4.378 | 0.10 | 5 | 0 | 87.6 | 50 - 120 | | | | |
| 2-Methylphenol | 4.06 | 0.20 | 5 | 0 | 81.2 | 45 - 120 | | | | |
| 2-Nitroaniline | 4.644 | 0.20 | 5 | 0 | 92.9 | 28 - 139 | | | | |
| 2-Nitrophenol | 3.932 | 0.20 | 5 | 0 | 78.6 | 40 - 120 | | | | |
| 3&4-Methylphenol | 4.086 | 0.20 | 5 | 0 | 81.7 | 35 - 120 | | | | |
| 3,3´-Dichlorobenzidine | 4.17 | 0.20 | 5 | 0 | 83.4 | 15 - 120 | | | | |
| 3-Nitroaniline | 4.352 | 0.20 | 5 | 0 | 87.0 | 30 - 120 | | | | |
| 4,6-Dinitro-2-methylphenol | 4.408 | 0.20 | 5 | 0 | 88.2 | 25 - 121 | | | | |
| 4-Bromophenyl phenyl ether | 4.421 | 0.20 | 5 | 0 | 88.4 | 45 - 120 | | | | |
| 4-Chloro-3-methylphenol | 4.117 | 0.20 | 5 | 0 | 82.3 | 47 - 120 | | | | |
| 4-Chloroaniline | 4.095 | 0.20 | 5 | 0 | 81.9 | 20 - 120 | | | | |
| 4-Chlorophenyl phenyl ether | 4.568 | 0.20 | 5 | 0 | 91.4 | 50 - 120 | | | | |
| 4-Nitroaniline | 4.087 | 0.20 | 5 | 0 | 81.7 | 30 - 133 | | | | |
| 4-Nitrophenol | 4.407 | 1.0 | 5 | 0 | 88.1 | 30 - 130 | | | | |
| Acenaphthene | 4.032 | 0.10 | 5 | 0 | 80.6 | 45 - 120 | | | | |
| Acenaphthylene | 4.295 | 0.10 | 5 | 0 | 85.9 | 47 - 120 | | | | |
| Acetophenone | 3.244 | 0.20 | 5 | 0 | 64.9 | 40 - 120 | | | | |
| Anthracene | 4.345 | 0.10 | 5 | 0 | 86.9 | 45 - 120 | | | | |
| Atrazine | 4.101 | 0.20 | 5 | 0 | 82.0 | 40 - 130 | | | | |
| Benz(a)anthracene | 4.621 | 0.10 | 5 | 0 | 92.4 | 40 - 120 | | | | |
| Benzaldehyde | 0.8978 | 0.20 | 5 | 0 | 18.0 | 15 - 120 | | | | |
| Benzo(a)pyrene | 4.609 | 0.10 | 5 | 0 | 92.2 | 45 - 120 | | | | |
| Benzo(b)fluoranthene | 5.072 | 0.10 | 5 | 0 | 101 | 50 - 120 | | | | |
| Benzo(g,h,i)perylene | 4.151 | 0.10 | 5 | 0 | 83.0 | 42 - 127 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**LCS** Sample ID: **LCS-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 14:00**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767493** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 4.36 | 0.10 | 5 | 0 | 87.2 | 45 - 127 | | | | |
| Bis(2-chloro-1-methylethyl) ether | 3.353 | 0.20 | 5 | 0 | 67.1 | 40 - 120 | | | | |
| Bis(2-chloroethoxy)methane | 3.516 | 0.20 | 5 | 0 | 70.3 | 45 - 120 | | | | |
| Bis(2-chloroethyl)ether | 3.508 | 0.20 | 5 | 0 | 70.2 | 37 - 121 | | | | |
| Bis(2-ethylhexyl)phthalate | 4.181 | 0.20 | 5 | 0 | 83.6 | 40 - 139 | | | | |
| Butyl benzyl phthalate | 4.207 | 0.20 | 5 | 0 | 84.1 | 47 - 123 | | | | |
| Caprolactam | 3.033 | 0.20 | 5 | 0 | 60.7 | 35 - 134 | | | | |
| Carbazole | 4.446 | 0.20 | 5 | 0 | 88.9 | 42 - 128 | | | | |
| Chrysene | 4.402 | 0.10 | 5 | 0 | 88.0 | 43 - 120 | | | | |
| Dibenz(a,h)anthracene | 4.108 | 0.10 | 5 | 0 | 82.2 | 45 - 125 | | | | |
| Dibenzofuran | 4.41 | 0.10 | 5 | 0 | 88.2 | 50 - 120 | | | | |
| Diethyl phthalate | 4.407 | 0.20 | 5 | 0 | 88.1 | 41 - 120 | | | | |
| Dimethyl phthalate | 4.252 | 0.20 | 5 | 0 | 85.0 | 40 - 122 | | | | |
| Di-n-butyl phthalate | 4.453 | 0.20 | 5 | 0 | 89.1 | 45 - 123 | | | | |
| Di-n-octyl phthalate | 4.704 | 0.20 | 5 | 0 | 94.1 | 45 - 129 | | | | |
| Fluoranthene | 4.878 | 0.10 | 5 | 0 | 97.6 | 45 - 125 | | | | |
| Fluorene | 4.464 | 0.10 | 5 | 0 | 89.3 | 49 - 120 | | | | |
| Hexachlorobenzene | 4.65 | 0.20 | 5 | 0 | 93.0 | 48 - 120 | | | | |
| Hexachlorobutadiene | 4.43 | 0.20 | 5 | 0 | 88.6 | 40 - 120 | | | | |
| Hexachlorocyclopentadiene | 3.202 | 0.20 | 5 | 0 | 64.0 | 34 - 136 | | | | |
| Hexachloroethane | 4.089 | 0.20 | 5 | 0 | 81.8 | 40 - 120 | | | | |
| Indeno(1,2,3-cd)pyrene | 4.773 | 0.10 | 5 | 0 | 95.5 | 41 - 128 | | | | |
| Isophorone | 3.498 | 0.20 | 5 | 0 | 70.0 | 40 - 121 | | | | |
| Naphthalene | 4.085 | 0.10 | 5 | 0 | 81.7 | 45 - 120 | | | | |
| Nitrobenzene | 3.471 | 0.20 | 5 | 0 | 69.4 | 44 - 120 | | | | |
| N-Nitrosodi-n-propylamine | 3.861 | 0.20 | 5 | 0 | 77.2 | 40 - 120 | | | | |
| N-Nitrosodiphenylamine | 4.151 | 0.20 | 5 | 0 | 83.0 | 40 - 125 | | | | |
| Pentachlorophenol | 4.104 | 0.20 | 5 | 0 | 82.1 | 19 - 121 | | | | |
| Phenanthrene | 4.318 | 0.10 | 5 | 0 | 86.4 | 45 - 121 | | | | |
| Phenol | 3.854 | 0.20 | 5 | 0 | 77.1 | 20 - 124 | | | | |
| Pyrene | 4.595 | 0.10 | 5 | 0 | 91.9 | 40 - 130 | | | | |
| *Surr: 2,4,6-Tribromophenol* | *4.319* | *0.20* | *5* | *0* | *86.4* | *34 - 129* | | | | |
| *Surr: 2-Fluorobiphenyl* | *4.392* | *0.20* | *5* | *0* | *87.8* | *40 - 125* | | | | |
| *Surr: 2-Fluorophenol* | *3.076* | *0.20* | *5* | *0* | *61.5* | *20 - 120* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**LCS** Sample ID: **LCS-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 14:00**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767493** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *4.693* | *0.20* | *5* | *0* | *93.9* | *40 - 135* | | | | |
| *Surr: Nitrobenzene-d5* | *3.486* | *0.20* | *5* | *0* | *69.7* | *41 - 120* | | | | |
| *Surr: Phenol-d6* | *3.435* | *0.20* | *5* | *0* | *68.7* | *20 - 120* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**LCSD** Sample ID: **LCSD-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 14:20**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767494** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | 3.438 | 0.20 | 5 | 0 | 68.8 | 45 - 125 | 3.635 | 5.58 | 20 | |
| 2,4,5-Trichlorophenol | 4.186 | 0.20 | 5 | 0 | 83.7 | 46 - 120 | 4.397 | 4.91 | 20 | |
| 2,4,6-Trichlorophenol | 4.108 | 0.20 | 5 | 0 | 82.2 | 42 - 120 | 4.403 | 6.94 | 20 | |
| 2,4-Dichlorophenol | 4.301 | 0.20 | 5 | 0 | 86.0 | 49 - 120 | 4.545 | 5.51 | 20 | |
| 2,4-Dimethylphenol | 3.496 | 0.20 | 5 | 0 | 69.9 | 35 - 120 | 3.763 | 7.37 | 20 | |
| 2,4-Dinitrophenol | 3.813 | 1.0 | 5 | 0 | 76.3 | 15 - 120 | 3.656 | 4.22 | 50 | |
| 2,4-Dinitrotoluene | 4.447 | 0.20 | 5 | 0 | 88.9 | 50 - 122 | 4.238 | 4.81 | 20 | |
| 2,6-Dinitrotoluene | 4.377 | 0.20 | 5 | 0 | 87.5 | 50 - 120 | 4.428 | 1.16 | 20 | |
| 2-Chloronaphthalene | 4.097 | 0.20 | 5 | 0 | 81.9 | 50 - 120 | 4.427 | 7.73 | 20 | |
| 2-Chlorophenol | 3.622 | 0.20 | 5 | 0 | 72.4 | 40 - 120 | 3.984 | 9.53 | 20 | |
| 2-Methylnaphthalene | 4.263 | 0.10 | 5 | 0 | 85.3 | 50 - 120 | 4.378 | 2.67 | 20 | |
| 2-Methylphenol | 3.696 | 0.20 | 5 | 0 | 73.9 | 45 - 120 | 4.06 | 9.4 | 20 | |
| 2-Nitroaniline | 4.396 | 0.20 | 5 | 0 | 87.9 | 28 - 139 | 4.644 | 5.49 | 20 | |
| 2-Nitrophenol | 3.831 | 0.20 | 5 | 0 | 76.6 | 40 - 120 | 3.932 | 2.6 | 20 | |
| 3&4-Methylphenol | 3.71 | 0.20 | 5 | 0 | 74.2 | 35 - 120 | 4.086 | 9.67 | 20 | |
| 3,3´-Dichlorobenzidine | 3.77 | 0.20 | 5 | 0 | 75.4 | 15 - 120 | 4.17 | 10.1 | 20 | |
| 3-Nitroaniline | 4.185 | 0.20 | 5 | 0 | 83.7 | 30 - 120 | 4.352 | 3.91 | 20 | |
| 4,6-Dinitro-2-methylphenol | 4.418 | 0.20 | 5 | 0 | 88.4 | 25 - 121 | 4.408 | 0.22 | 30 | |
| 4-Bromophenyl phenyl ether | 4.204 | 0.20 | 5 | 0 | 84.1 | 45 - 120 | 4.421 | 5.03 | 20 | |
| 4-Chloro-3-methylphenol | 3.874 | 0.20 | 5 | 0 | 77.5 | 47 - 120 | 4.117 | 6.08 | 20 | |
| 4-Chloroaniline | 4.032 | 0.20 | 5 | 0 | 80.6 | 20 - 120 | 4.095 | 1.54 | 20 | |
| 4-Chlorophenyl phenyl ether | 4.539 | 0.20 | 5 | 0 | 90.8 | 50 - 120 | 4.568 | 0.64 | 20 | |
| 4-Nitroaniline | 4.155 | 0.20 | 5 | 0 | 83.1 | 30 - 133 | 4.087 | 1.64 | 20 | |
| 4-Nitrophenol | 4.324 | 1.0 | 5 | 0 | 86.5 | 30 - 130 | 4.407 | 1.9 | 20 | |
| Acenaphthene | 3.586 | 0.10 | 5 | 0 | 71.7 | 45 - 120 | 4.032 | 11.7 | 20 | |
| Acenaphthylene | 4.081 | 0.10 | 5 | 0 | 81.6 | 47 - 120 | 4.295 | 5.12 | 20 | |
| Acetophenone | 3.087 | 0.20 | 5 | 0 | 61.7 | 40 - 120 | 3.244 | 4.96 | 20 | |
| Anthracene | 4.35 | 0.10 | 5 | 0 | 87.0 | 45 - 120 | 4.345 | 0.108 | 20 | |
| Atrazine | 3.983 | 0.20 | 5 | 0 | 79.7 | 40 - 130 | 4.101 | 2.92 | 20 | |
| Benz(a)anthracene | 4.275 | 0.10 | 5 | 0 | 85.5 | 40 - 120 | 4.621 | 7.76 | 20 | |
| Benzaldehyde | 0.8695 | 0.20 | 5 | 0 | 17.4 | 15 - 120 | 0.8978 | 3.21 | 30 | |
| Benzo(a)pyrene | 4.318 | 0.10 | 5 | 0 | 86.4 | 45 - 120 | 4.609 | 6.52 | 20 | |
| Benzo(b)fluoranthene | 4.634 | 0.10 | 5 | 0 | 92.7 | 50 - 120 | 5.072 | 9.02 | 20 | |
| Benzo(g,h,i)perylene | 3.853 | 0.10 | 5 | 0 | 77.1 | 42 - 127 | 4.151 | 7.43 | 20 | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**LCSD** Sample ID: **LCSD-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 14:20**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767494** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 4.207 | 0.10 | 5 | 0 | 84.1 | 45 - 127 | 4.36 | 3.55 | 20 | |
| Bis(2-chloro-1-methylethyl) ether | 3.09 | 0.20 | 5 | 0 | 61.8 | 40 - 120 | 3.353 | 8.18 | 20 | |
| Bis(2-chloroethoxy)methane | 3.385 | 0.20 | 5 | 0 | 67.7 | 45 - 120 | 3.516 | 3.81 | 20 | |
| Bis(2-chloroethyl)ether | 3.211 | 0.20 | 5 | 0 | 64.2 | 37 - 121 | 3.508 | 8.84 | 20 | |
| Bis(2-ethylhexyl)phthalate | 3.978 | 0.20 | 5 | 0 | 79.6 | 40 - 139 | 4.181 | 4.98 | 20 | |
| Butyl benzyl phthalate | 3.963 | 0.20 | 5 | 0 | 79.3 | 47 - 123 | 4.207 | 5.97 | 20 | |
| Caprolactam | 3.272 | 0.20 | 5 | 0 | 65.4 | 35 - 134 | 3.033 | 7.59 | 20 | |
| Carbazole | 4.119 | 0.20 | 5 | 0 | 82.4 | 42 - 128 | 4.446 | 7.64 | 20 | |
| Chrysene | 4.112 | 0.10 | 5 | 0 | 82.2 | 43 - 120 | 4.402 | 6.81 | 20 | |
| Dibenz(a,h)anthracene | 3.916 | 0.10 | 5 | 0 | 78.3 | 45 - 125 | 4.108 | 4.77 | 20 | |
| Dibenzofuran | 4.149 | 0.10 | 5 | 0 | 83.0 | 50 - 120 | 4.41 | 6.11 | 20 | |
| Diethyl phthalate | 4.302 | 0.20 | 5 | 0 | 86.0 | 41 - 120 | 4.407 | 2.41 | 20 | |
| Dimethyl phthalate | 4.176 | 0.20 | 5 | 0 | 83.5 | 40 - 122 | 4.252 | 1.81 | 20 | |
| Di-n-butyl phthalate | 4.374 | 0.20 | 5 | 0 | 87.5 | 45 - 123 | 4.453 | 1.81 | 20 | |
| Di-n-octyl phthalate | 4.246 | 0.20 | 5 | 0 | 84.9 | 45 - 129 | 4.704 | 10.2 | 20 | |
| Fluoranthene | 4.622 | 0.10 | 5 | 0 | 92.4 | 45 - 125 | 4.878 | 5.4 | 20 | |
| Fluorene | 4.414 | 0.10 | 5 | 0 | 88.3 | 49 - 120 | 4.464 | 1.12 | 20 | |
| Hexachlorobenzene | 4.299 | 0.20 | 5 | 0 | 86.0 | 48 - 120 | 4.65 | 7.84 | 20 | |
| Hexachlorobutadiene | 4.192 | 0.20 | 5 | 0 | 83.8 | 40 - 120 | 4.43 | 5.52 | 20 | |
| Hexachlorocyclopentadiene | 3.121 | 0.20 | 5 | 0 | 62.4 | 34 - 136 | 3.202 | 2.57 | 20 | |
| Hexachloroethane | 3.419 | 0.20 | 5 | 0 | 68.4 | 40 - 120 | 4.089 | 17.9 | 20 | |
| Indeno(1,2,3-cd)pyrene | 4.296 | 0.10 | 5 | 0 | 85.9 | 41 - 128 | 4.773 | 10.5 | 20 | |
| Isophorone | 3.345 | 0.20 | 5 | 0 | 66.9 | 40 - 121 | 3.498 | 4.47 | 20 | |
| Naphthalene | 3.825 | 0.10 | 5 | 0 | 76.5 | 45 - 120 | 4.085 | 6.6 | 20 | |
| Nitrobenzene | 3.43 | 0.20 | 5 | 0 | 68.6 | 44 - 120 | 3.471 | 1.21 | 20 | |
| N-Nitrosodi-n-propylamine | 3.624 | 0.20 | 5 | 0 | 72.5 | 40 - 120 | 3.861 | 6.34 | 20 | |
| N-Nitrosodiphenylamine | 4.076 | 0.20 | 5 | 0 | 81.5 | 40 - 125 | 4.151 | 1.81 | 20 | |
| Pentachlorophenol | 3.725 | 0.20 | 5 | 0 | 74.5 | 19 - 121 | 4.104 | 9.69 | 20 | |
| Phenanthrene | 4.149 | 0.10 | 5 | 0 | 83.0 | 45 - 121 | 4.318 | 3.99 | 20 | |
| Phenol | 3.594 | 0.20 | 5 | 0 | 71.9 | 20 - 124 | 3.854 | 6.99 | 20 | |
| Pyrene | 4.141 | 0.10 | 5 | 0 | 82.8 | 40 - 130 | 4.595 | 10.4 | 20 | |
| *Surr: 2,4,6-Tribromophenol* | *4.131* | *0.20* | *5* | *0* | *82.6* | *34 - 129* | *4.319* | *4.43* | *20* | |
| *Surr: 2-Fluorobiphenyl* | *4.019* | *0.20* | *5* | *0* | *80.4* | *40 - 125* | *4.392* | *8.85* | *20* | |
| *Surr: 2-Fluorophenol* | *2.705* | *0.20* | *5* | *0* | *54.1* | *20 - 120* | *3.076* | *12.9* | *20* | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133244** **Instrument: SV-7** **Method: SW8270**

**LCSD** Sample ID: **LCSD-133244** Units: **ug/L** Analysis Date: **10-Oct-2018 14:20**
Client ID: Run ID: **SV-7_325184** SeqNo: **4767494** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *4.303* | *0.20* | *5* | *0* | *86.1* | *40 - 135* | *4.693* | *8.67* | *20* | |
| *Surr: Nitrobenzene-d5* | *3.533* | *0.20* | *5* | *0* | *70.7* | *41 - 120* | *3.486* | *1.33* | *20* | |
| *Surr: Phenol-d6* | *3.145* | *0.20* | *5* | *0* | *62.9* | *20 - 120* | *3.435* | *8.8* | *20* | |

**The following samples were analyzed in this batch:** HS18100338-01

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MBLK** Sample ID: **MBLK-133297** Units: **ug/Kg** Analysis Date: **10-Oct-2018 11:29**
Client ID: Run ID: **SV-6_325120** SeqNo: **4766071** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | U | 6.6 | | | | | | | | |
| 2,4,5-Trichlorophenol | U | 6.6 | | | | | | | | |
| 2,4,6-Trichlorophenol | U | 6.6 | | | | | | | | |
| 2,4-Dichlorophenol | U | 6.6 | | | | | | | | |
| 2,4-Dimethylphenol | U | 6.6 | | | | | | | | |
| 2,4-Dinitrophenol | U | 13 | | | | | | | | |
| 2,4-Dinitrotoluene | U | 6.6 | | | | | | | | |
| 2,6-Dinitrotoluene | U | 6.6 | | | | | | | | |
| 2-Chloronaphthalene | U | 6.6 | | | | | | | | |
| 2-Chlorophenol | U | 6.6 | | | | | | | | |
| 2-Methylnaphthalene | U | 3.3 | | | | | | | | |
| 2-Methylphenol | U | 6.6 | | | | | | | | |
| 2-Nitroaniline | U | 6.6 | | | | | | | | |
| 2-Nitrophenol | U | 6.6 | | | | | | | | |
| 3&4-Methylphenol | U | 6.6 | | | | | | | | |
| 3,3´-Dichlorobenzidine | U | 6.6 | | | | | | | | |
| 3-Nitroaniline | U | 6.6 | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | U | 6.6 | | | | | | | | |
| 4-Bromophenyl phenyl ether | U | 6.6 | | | | | | | | |
| 4-Chloro-3-methylphenol | U | 6.6 | | | | | | | | |
| 4-Chloroaniline | U | 6.6 | | | | | | | | |
| 4-Chlorophenyl phenyl ether | U | 6.6 | | | | | | | | |
| 4-Nitroaniline | U | 6.6 | | | | | | | | |
| 4-Nitrophenol | U | 13 | | | | | | | | |
| Acenaphthene | U | 3.3 | | | | | | | | |
| Acenaphthylene | U | 3.3 | | | | | | | | |
| Acetophenone | U | 6.6 | | | | | | | | |
| Anthracene | U | 3.3 | | | | | | | | |
| Atrazine | U | 6.6 | | | | | | | | |
| Benz(a)anthracene | U | 3.3 | | | | | | | | |
| Benzaldehyde | U | 6.6 | | | | | | | | |
| Benzo(a)pyrene | U | 3.3 | | | | | | | | |
| Benzo(b)fluoranthene | U | 3.3 | | | | | | | | |
| Benzo(g,h,i)perylene | U | 3.3 | | | | | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MBLK** Sample ID: **MBLK-133297** Units: **ug/Kg** Analysis Date: **10-Oct-2018 11:29**
Client ID: Run ID: **SV-6_325120** SeqNo: **4766071** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | U | 3.3 | | | | | | | | |
| Bis(2-chloro-1-methylethyl) ether | U | 6.6 | | | | | | | | |
| Bis(2-chloroethoxy)methane | U | 6.6 | | | | | | | | |
| Bis(2-chloroethyl)ether | U | 6.6 | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | U | 6.6 | | | | | | | | |
| Butyl benzyl phthalate | U | 6.6 | | | | | | | | |
| Caprolactam | U | 6.6 | | | | | | | | |
| Carbazole | U | 6.6 | | | | | | | | |
| Chrysene | U | 3.3 | | | | | | | | |
| Dibenz(a,h)anthracene | U | 3.3 | | | | | | | | |
| Dibenzofuran | U | 3.3 | | | | | | | | |
| Diethyl phthalate | U | 6.6 | | | | | | | | |
| Dimethyl phthalate | U | 6.6 | | | | | | | | |
| Di-n-butyl phthalate | U | 6.6 | | | | | | | | |
| Di-n-octyl phthalate | U | 6.6 | | | | | | | | |
| Fluoranthene | U | 3.3 | | | | | | | | |
| Fluorene | U | 3.3 | | | | | | | | |
| Hexachlorobenzene | U | 6.6 | | | | | | | | |
| Hexachlorobutadiene | U | 6.6 | | | | | | | | |
| Hexachlorocyclopentadiene | U | 6.6 | | | | | | | | |
| Hexachloroethane | U | 6.6 | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | U | 3.3 | | | | | | | | |
| Isophorone | U | 6.6 | | | | | | | | |
| Naphthalene | U | 3.3 | | | | | | | | |
| Nitrobenzene | U | 6.6 | | | | | | | | |
| N-Nitrosodi-n-propylamine | U | 6.6 | | | | | | | | |
| N-Nitrosodiphenylamine | U | 6.6 | | | | | | | | |
| Pentachlorophenol | U | 6.6 | | | | | | | | |
| Phenanthrene | U | 3.3 | | | | | | | | |
| Phenol | U | 6.6 | | | | | | | | |
| Pyrene | U | 3.3 | | | | | | | | |
| *Surr: 2,4,6-Tribromophenol* | *138.8* | *0* | *167* | *0* | *83.1* | *36 - 126* | | | | |
| *Surr: 2-Fluorobiphenyl* | *139.3* | *0* | *167* | *0* | *83.4* | *43 - 125* | | | | |
| *Surr: 2-Fluorophenol* | *123.4* | *0* | *167* | *0* | *73.9* | *37 - 125* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MBLK** Sample ID: **MBLK-133297** Units: **ug/Kg** Analysis Date: **10-Oct-2018 11:29**
Client ID: Run ID: **SV-6_325120** SeqNo: **4766071** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *156* | *0* | *167* | *0* | *93.4* | *32 - 125* | | | | |
| *Surr: Nitrobenzene-d5* | *136* | *0* | *167* | *0* | *81.5* | *37 - 125* | | | | |
| *Surr: Phenol-d6* | *127* | *0* | *167* | *0* | *76.1* | *40 - 125* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**LCS** Sample ID: **LCS-133297** Units: **ug/Kg** Analysis Date: **10-Oct-2018 11:49**
Client ID: Run ID: **SV-6_325120** SeqNo: **4766072** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | 115.8 | 6.6 | 167 | 0 | 69.3 | 50 - 120 | | | | |
| 2,4,5-Trichlorophenol | 132.5 | 6.6 | 167 | 0 | 79.3 | 45 - 127 | | | | |
| 2,4,6-Trichlorophenol | 137.4 | 6.6 | 167 | 0 | 82.2 | 45 - 130 | | | | |
| 2,4-Dichlorophenol | 134.5 | 6.6 | 167 | 0 | 80.6 | 45 - 125 | | | | |
| 2,4-Dimethylphenol | 123.7 | 6.6 | 167 | 0 | 74.1 | 45 - 120 | | | | |
| 2,4-Dinitrophenol | 114.1 | 13 | 167 | 0 | 68.3 | 10 - 126 | | | | |
| 2,4-Dinitrotoluene | 147.2 | 6.6 | 167 | 0 | 88.1 | 50 - 130 | | | | |
| 2,6-Dinitrotoluene | 143.9 | 6.6 | 167 | 0 | 86.2 | 50 - 125 | | | | |
| 2-Chloronaphthalene | 135.1 | 6.6 | 167 | 0 | 80.9 | 50 - 145 | | | | |
| 2-Chlorophenol | 131.2 | 6.6 | 167 | 0 | 78.6 | 45 - 120 | | | | |
| 2-Methylnaphthalene | 131.1 | 3.3 | 167 | 0 | 78.5 | 50 - 120 | | | | |
| 2-Methylphenol | 132.6 | 6.6 | 167 | 0 | 79.4 | 45 - 120 | | | | |
| 2-Nitroaniline | 171.7 | 6.6 | 167 | 0 | 103 | 45 - 138 | | | | |
| 2-Nitrophenol | 138.1 | 6.6 | 167 | 0 | 82.7 | 45 - 125 | | | | |
| 3&4-Methylphenol | 134.5 | 6.6 | 167 | 0 | 80.5 | 45 - 120 | | | | |
| 3,3´-Dichlorobenzidine | 119.4 | 6.6 | 167 | 0 | 71.5 | 15 - 120 | | | | |
| 3-Nitroaniline | 152.9 | 6.6 | 167 | 0 | 91.6 | 40 - 120 | | | | |
| 4,6-Dinitro-2-methylphenol | 139.7 | 6.6 | 167 | 0 | 83.7 | 15 - 135 | | | | |
| 4-Bromophenyl phenyl ether | 135.8 | 6.6 | 167 | 0 | 81.3 | 50 - 125 | | | | |
| 4-Chloro-3-methylphenol | 131.3 | 6.6 | 167 | 0 | 78.6 | 45 - 130 | | | | |
| 4-Chloroaniline | 101.1 | 6.6 | 167 | 0 | 60.6 | 20 - 120 | | | | |
| 4-Chlorophenyl phenyl ether | 134.4 | 6.6 | 167 | 0 | 80.5 | 50 - 120 | | | | |
| 4-Nitroaniline | 148.8 | 6.6 | 167 | 0 | 89.1 | 50 - 127 | | | | |
| 4-Nitrophenol | 157 | 13 | 167 | 0 | 94.0 | 40 - 147 | | | | |
| Acenaphthene | 131.5 | 3.3 | 167 | 0 | 78.8 | 50 - 120 | | | | |
| Acenaphthylene | 136.3 | 3.3 | 167 | 0 | 81.6 | 50 - 120 | | | | |
| Acetophenone | 103.3 | 6.6 | 167 | 0 | 61.8 | 50 - 120 | | | | |
| Anthracene | 137.8 | 3.3 | 167 | 0 | 82.5 | 50 - 123 | | | | |
| Atrazine | 136.3 | 6.6 | 167 | 0 | 81.6 | 29 - 148 | | | | |
| Benz(a)anthracene | 148.2 | 3.3 | 167 | 0 | 88.8 | 50 - 131 | | | | |
| Benzaldehyde | 43.49 | 6.6 | 167 | 0 | 26.0 | 22 - 129 | | | | |
| Benzo(a)pyrene | 151.1 | 3.3 | 167 | 0 | 90.5 | 50 - 130 | | | | |
| Benzo(b)fluoranthene | 153.8 | 3.3 | 167 | 0 | 92.1 | 50 - 137 | | | | |
| Benzo(g,h,i)perylene | 139.5 | 3.3 | 167 | 0 | 83.6 | 50 - 130 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**LCS** Sample ID: **LCS-133297** Units: **ug/Kg** Analysis Date: **10-Oct-2018 11:49**
Client ID: Run ID: **SV-6_325120** SeqNo: **4766072** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 140.1 | 3.3 | 167 | 0 | 83.9 | 50 - 143 | | | | |
| Bis(2-chloro-1-methylethyl) ether | 121.1 | 6.6 | 167 | 0 | 72.5 | 50 - 120 | | | | |
| Bis(2-chloroethoxy)methane | 120.5 | 6.6 | 167 | 0 | 72.2 | 50 - 120 | | | | |
| Bis(2-chloroethyl)ether | 136.2 | 6.6 | 167 | 0 | 81.5 | 45 - 127 | | | | |
| Bis(2-ethylhexyl)phthalate | 174.8 | 6.6 | 167 | 0 | 105 | 21 - 148 | | | | |
| Butyl benzyl phthalate | 173.6 | 6.6 | 167 | 0 | 104 | 50 - 136 | | | | |
| Caprolactam | 137.8 | 6.6 | 167 | 0 | 82.5 | 50 - 135 | | | | |
| Carbazole | 145.3 | 6.6 | 167 | 0 | 87.0 | 50 - 143 | | | | |
| Chrysene | 140.2 | 3.3 | 167 | 0 | 83.9 | 50 - 130 | | | | |
| Dibenz(a,h)anthracene | 143.5 | 3.3 | 167 | 0 | 85.9 | 50 - 130 | | | | |
| Dibenzofuran | 134 | 3.3 | 167 | 0 | 80.2 | 50 - 125 | | | | |
| Diethyl phthalate | 140 | 6.6 | 167 | 0 | 83.8 | 50 - 125 | | | | |
| Dimethyl phthalate | 134.6 | 6.6 | 167 | 0 | 80.6 | 50 - 125 | | | | |
| Di-n-butyl phthalate | 152.7 | 6.6 | 167 | 0 | 91.4 | 50 - 140 | | | | |
| Di-n-octyl phthalate | 183.2 | 6.6 | 167 | 0 | 110 | 50 - 140 | | | | |
| Fluoranthene | 144.6 | 3.3 | 167 | 0 | 86.6 | 50 - 131 | | | | |
| Fluorene | 133.3 | 3.3 | 167 | 0 | 79.8 | 50 - 125 | | | | |
| Hexachlorobenzene | 126.7 | 6.6 | 167 | 0 | 75.9 | 50 - 124 | | | | |
| Hexachlorobutadiene | 133.9 | 6.6 | 167 | 0 | 80.2 | 50 - 125 | | | | |
| Hexachlorocyclopentadiene | 91.95 | 6.6 | 167 | 0 | 55.1 | 45 - 135 | | | | |
| Hexachloroethane | 131 | 6.6 | 167 | 0 | 78.4 | 45 - 125 | | | | |
| Indeno(1,2,3-cd)pyrene | 175.4 | 3.3 | 167 | 0 | 105 | 45 - 139 | | | | |
| Isophorone | 125 | 6.6 | 167 | 0 | 74.8 | 45 - 130 | | | | |
| Naphthalene | 127.2 | 3.3 | 167 | 0 | 76.2 | 50 - 125 | | | | |
| Nitrobenzene | 126.9 | 6.6 | 167 | 0 | 76.0 | 50 - 125 | | | | |
| N-Nitrosodi-n-propylamine | 128.2 | 6.6 | 167 | 0 | 76.8 | 45 - 120 | | | | |
| N-Nitrosodiphenylamine | 134.9 | 6.6 | 167 | 0 | 80.7 | 50 - 130 | | | | |
| Pentachlorophenol | 110.5 | 6.6 | 167 | 0 | 66.2 | 23 - 136 | | | | |
| Phenanthrene | 131.8 | 3.3 | 167 | 0 | 78.9 | 50 - 125 | | | | |
| Phenol | 131.1 | 6.6 | 167 | 0 | 78.5 | 45 - 130 | | | | |
| Pyrene | 143.4 | 3.3 | 167 | 0 | 85.9 | 45 - 130 | | | | |
| *Surr: 2,4,6-Tribromophenol* | *145.3* | *0* | *167* | *0* | *87.0* | *36 - 126* | | | | |
| *Surr: 2-Fluorobiphenyl* | *141.6* | *0* | *167* | *0* | *84.8* | *43 - 125* | | | | |
| *Surr: 2-Fluorophenol* | *107.6* | *0* | *167* | *0* | *64.4* | *37 - 125* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**LCS** Sample ID: **LCS-133297** Units: **ug/Kg** Analysis Date: **10-Oct-2018 11:49**
Client ID: Run ID: **SV-6_325120** SeqNo: **4766072** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *153* | *0* | *167* | *0* | *91.6* | *32 - 125* | | | | |
| *Surr: Nitrobenzene-d5* | *130.6* | *0* | *167* | *0* | *78.2* | *37 - 125* | | | | |
| *Surr: Phenol-d6* | *129.6* | *0* | *167* | *0* | *77.6* | *40 - 125* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MS** Sample ID: **HS18100338-02MS** Units: **ug/Kg** Analysis Date: **10-Oct-2018 14:15**
Client ID: **DRA29-20181004-01-51** Run ID: **SV-6_325120** SeqNo: **4766284** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | 104.7 | 6.6 | 166.5 | 0 | 62.9 | 50 - 120 | | | | |
| 2,4,5-Trichlorophenol | 133.3 | 6.6 | 166.5 | 0 | 80.0 | 45 - 127 | | | | |
| 2,4,6-Trichlorophenol | 126.4 | 6.6 | 166.5 | 0 | 75.9 | 45 - 130 | | | | |
| 2,4-Dichlorophenol | 122.3 | 6.6 | 166.5 | 0 | 73.4 | 45 - 125 | | | | |
| 2,4-Dimethylphenol | 98.93 | 6.6 | 166.5 | 0 | 59.4 | 45 - 120 | | | | |
| 2,4-Dinitrophenol | 84.13 | 13 | 166.5 | 0 | 50.5 | 10 - 126 | | | | |
| 2,4-Dinitrotoluene | 138.6 | 6.6 | 166.5 | 0 | 83.2 | 50 - 130 | | | | |
| 2,6-Dinitrotoluene | 133 | 6.6 | 166.5 | 0 | 79.9 | 50 - 125 | | | | |
| 2-Chloronaphthalene | 119.7 | 6.6 | 166.5 | 0 | 71.9 | 50 - 145 | | | | |
| 2-Chlorophenol | 120.2 | 6.6 | 166.5 | 0 | 72.2 | 45 - 120 | | | | |
| 2-Methylnaphthalene | 126.3 | 3.3 | 166.5 | 0 | 75.9 | 50 - 120 | | | | |
| 2-Methylphenol | 117.8 | 6.6 | 166.5 | 0 | 70.7 | 45 - 120 | | | | |
| 2-Nitroaniline | 152.7 | 6.6 | 166.5 | 0 | 91.7 | 45 - 138 | | | | |
| 2-Nitrophenol | 127.9 | 6.6 | 166.5 | 0 | 76.8 | 45 - 125 | | | | |
| 3&4-Methylphenol | 115.4 | 6.6 | 166.5 | 0 | 69.3 | 45 - 120 | | | | |
| 3,3´-Dichlorobenzidine | 193 | 6.6 | 166.5 | 0 | 116 | 15 - 120 | | | | |
| 3-Nitroaniline | 143 | 6.6 | 166.5 | 0 | 85.9 | 40 - 120 | | | | |
| 4,6-Dinitro-2-methylphenol | 119.4 | 6.6 | 166.5 | 0 | 71.7 | 15 - 135 | | | | |
| 4-Bromophenyl phenyl ether | 131.2 | 6.6 | 166.5 | 0 | 78.8 | 50 - 125 | | | | |
| 4-Chloro-3-methylphenol | 125.7 | 6.6 | 166.5 | 0 | 75.5 | 45 - 130 | | | | |
| 4-Chloroaniline | 195.1 | 6.6 | 166.5 | 0 | 117 | 20 - 120 | | | | |
| 4-Chlorophenyl phenyl ether | 122.6 | 6.6 | 166.5 | 0 | 73.7 | 50 - 120 | | | | |
| 4-Nitroaniline | 168.7 | 6.6 | 166.5 | 0 | 101 | 50 - 127 | | | | |
| 4-Nitrophenol | 147.1 | 13 | 166.5 | 0 | 88.3 | 40 - 147 | | | | |
| Acenaphthene | 119.4 | 3.3 | 166.5 | 0 | 71.7 | 50 - 120 | | | | |
| Acenaphthylene | 123.2 | 3.3 | 166.5 | 0 | 74.0 | 50 - 120 | | | | |
| Acetophenone | 99.49 | 6.6 | 166.5 | 0 | 59.8 | 50 - 120 | | | | |
| Anthracene | 133.1 | 3.3 | 166.5 | 0 | 79.9 | 50 - 123 | | | | |
| Atrazine | 142.6 | 6.6 | 166.5 | 0 | 85.7 | 29 - 148 | | | | |
| Benz(a)anthracene | 152.2 | 3.3 | 166.5 | 0 | 91.4 | 50 - 131 | | | | |
| Benzaldehyde | 29.62 | 6.6 | 166.5 | 0 | 17.8 | 22 - 129 | | | | S |
| Benzo(a)pyrene | 158.5 | 3.3 | 166.5 | 0 | 95.2 | 50 - 130 | | | | |
| Benzo(b)fluoranthene | 163.5 | 3.3 | 166.5 | 0 | 98.2 | 50 - 137 | | | | |
| Benzo(g,h,i)perylene | 145.7 | 3.3 | 166.5 | 0 | 87.5 | 50 - 130 | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MS** Sample ID: **HS18100338-02MS** Units: **ug/Kg** Analysis Date: **10-Oct-2018 14:15**
Client ID: **DRA29-20181004-01-51** Run ID: **SV-6_325120** SeqNo: **4766284** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 147.4 | 3.3 | 166.5 | 0 | 88.5 | 50 - 143 | | | | |
| Bis(2-chloro-1-methylethyl) ether | 110.3 | 6.6 | 166.5 | 0 | 66.2 | 50 - 120 | | | | |
| Bis(2-chloroethoxy)methane | 115.7 | 6.6 | 166.5 | 0 | 69.5 | 50 - 120 | | | | |
| Bis(2-chloroethyl)ether | 119.1 | 6.6 | 166.5 | 0 | 71.6 | 45 - 127 | | | | |
| Bis(2-ethylhexyl)phthalate | 190.1 | 6.6 | 166.5 | 5.597 | 111 | 21 - 148 | | | | |
| Butyl benzyl phthalate | 184.4 | 6.6 | 166.5 | 0 | 111 | 50 - 136 | | | | |
| Caprolactam | 136.8 | 6.6 | 166.5 | 0 | 82.2 | 50 - 135 | | | | |
| Carbazole | 158.2 | 6.6 | 166.5 | 0 | 95.0 | 50 - 143 | | | | |
| Chrysene | 149.3 | 3.3 | 166.5 | 0 | 89.7 | 50 - 130 | | | | |
| Dibenz(a,h)anthracene | 141.7 | 3.3 | 166.5 | 0 | 85.1 | 50 - 130 | | | | |
| Dibenzofuran | 122.8 | 3.3 | 166.5 | 0 | 73.8 | 50 - 125 | | | | |
| Diethyl phthalate | 126.5 | 6.6 | 166.5 | 0 | 76.0 | 50 - 125 | | | | |
| Dimethyl phthalate | 123.3 | 6.6 | 166.5 | 0 | 74.0 | 50 - 125 | | | | |
| Di-n-butyl phthalate | 156.8 | 6.6 | 166.5 | 0.8558 | 93.6 | 50 - 140 | | | | |
| Di-n-octyl phthalate | 194.8 | 6.6 | 166.5 | 0 | 117 | 50 - 140 | | | | |
| Fluoranthene | 141.7 | 3.3 | 166.5 | 1.487 | 84.2 | 50 - 131 | | | | |
| Fluorene | 125 | 3.3 | 166.5 | 0 | 75.1 | 50 - 125 | | | | |
| Hexachlorobenzene | 135 | 6.6 | 166.5 | 0 | 81.1 | 50 - 124 | | | | |
| Hexachlorobutadiene | 126.3 | 6.6 | 166.5 | 0 | 75.9 | 50 - 125 | | | | |
| Hexachlorocyclopentadiene | 81.77 | 6.6 | 166.5 | 0 | 49.1 | 45 - 135 | | | | |
| Hexachloroethane | 115.1 | 6.6 | 166.5 | 0 | 69.1 | 45 - 125 | | | | |
| Indeno(1,2,3-cd)pyrene | 159.5 | 3.3 | 166.5 | 0 | 95.8 | 45 - 139 | | | | |
| Isophorone | 118.3 | 6.6 | 166.5 | 0 | 71.1 | 45 - 130 | | | | |
| Naphthalene | 121.6 | 3.3 | 166.5 | 0 | 73.1 | 50 - 125 | | | | |
| Nitrobenzene | 121.6 | 6.6 | 166.5 | 0 | 73.0 | 50 - 125 | | | | |
| N-Nitrosodi-n-propylamine | 117.7 | 6.6 | 166.5 | 0 | 70.7 | 45 - 120 | | | | |
| N-Nitrosodiphenylamine | 135.1 | 6.6 | 166.5 | 0 | 81.2 | 50 - 130 | | | | |
| Pentachlorophenol | 121.6 | 6.6 | 166.5 | 0 | 73.0 | 23 - 136 | | | | |
| Phenanthrene | 126.7 | 3.3 | 166.5 | 1.044 | 75.4 | 50 - 125 | | | | |
| Phenol | 117.8 | 6.6 | 166.5 | 0 | 70.7 | 45 - 130 | | | | |
| Pyrene | 149.1 | 3.3 | 166.5 | 2.521 | 88.0 | 45 - 130 | | | | |
| *Surr: 2,4,6-Tribromophenol* | *139.7* | *0* | *166.5* | *0* | *83.9* | *36 - 126* | | | | |
| *Surr: 2-Fluorobiphenyl* | *124.9* | *0* | *166.5* | *0* | *75.0* | *43 - 125* | | | | |
| *Surr: 2-Fluorophenol* | *94.99* | *0* | *166.5* | *0* | *57.1* | *37 - 125* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID:** **133297** **Instrument:** **SV-6** **Method:** **SW8270**

**MS** Sample ID: **HS18100338-02MS** Units: **ug/Kg** Analysis Date: **10-Oct-2018 14:15**
Client ID: **DRA29-20181004-01-51** Run ID: **SV-6_325120** SeqNo: **4766284** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *155.4* | *0* | *166.5* | *0* | *93.3* | *32 - 125* | | | | |
| *Surr: Nitrobenzene-d5* | *123.3* | *0* | *166.5* | *0* | *74.0* | *37 - 125* | | | | |
| *Surr: Phenol-d6* | *111.5* | *0* | *166.5* | *0* | *67.0* | *40 - 125* | | | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MSD** Sample ID: **HS18100338-02MSD** Units: **ug/Kg** Analysis Date: **10-Oct-2018 14:35**
Client ID: **DRA29-20181004-01-51** Run ID: **SV-6_325120** SeqNo: **4766285** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1´-Biphenyl | 109.9 | 6.6 | 166.7 | 0 | 65.9 | 50 - 120 | 104.7 | 4.82 | 30 | |
| 2,4,5-Trichlorophenol | 124.5 | 6.6 | 166.7 | 0 | 74.7 | 45 - 127 | 133.3 | 6.79 | 30 | |
| 2,4,6-Trichlorophenol | 130.4 | 6.6 | 166.7 | 0 | 78.2 | 45 - 130 | 126.4 | 3.07 | 30 | |
| 2,4-Dichlorophenol | 124 | 6.6 | 166.7 | 0 | 74.4 | 45 - 125 | 122.3 | 1.39 | 30 | |
| 2,4-Dimethylphenol | 94.43 | 6.6 | 166.7 | 0 | 56.7 | 45 - 120 | 98.93 | 4.66 | 30 | |
| 2,4-Dinitrophenol | 76.71 | 13 | 166.7 | 0 | 46.0 | 10 - 126 | 84.13 | 9.23 | 30 | |
| 2,4-Dinitrotoluene | 140.1 | 6.6 | 166.7 | 0 | 84.0 | 50 - 130 | 138.6 | 1.09 | 30 | |
| 2,6-Dinitrotoluene | 142.2 | 6.6 | 166.7 | 0 | 85.3 | 50 - 125 | 133 | 6.68 | 30 | |
| 2-Chloronaphthalene | 124.5 | 6.6 | 166.7 | 0 | 74.7 | 50 - 145 | 119.7 | 3.98 | 30 | |
| 2-Chlorophenol | 124.3 | 6.6 | 166.7 | 0 | 74.6 | 45 - 120 | 120.2 | 3.35 | 30 | |
| 2-Methylnaphthalene | 125.4 | 3.3 | 166.7 | 0 | 75.2 | 50 - 120 | 126.3 | 0.71 | 30 | |
| 2-Methylphenol | 123.4 | 6.6 | 166.7 | 0 | 74.0 | 45 - 120 | 117.8 | 4.63 | 30 | |
| 2-Nitroaniline | 162 | 6.6 | 166.7 | 0 | 97.2 | 45 - 138 | 152.7 | 5.92 | 30 | |
| 2-Nitrophenol | 127.5 | 6.6 | 166.7 | 0 | 76.5 | 45 - 125 | 127.9 | 0.323 | 30 | |
| 3&4-Methylphenol | 119.1 | 6.6 | 166.7 | 0 | 71.5 | 45 - 120 | 115.4 | 3.22 | 30 | |
| 3,3´-Dichlorobenzidine | 182.5 | 6.6 | 166.7 | 0 | 110 | 15 - 120 | 193 | 5.57 | 30 | |
| 3-Nitroaniline | 106.1 | 6.6 | 166.7 | 0 | 63.6 | 40 - 120 | 143 | 29.7 | 30 | |
| 4,6-Dinitro-2-methylphenol | 129.8 | 6.6 | 166.7 | 0 | 77.9 | 15 - 135 | 119.4 | 8.36 | 30 | |
| 4-Bromophenyl phenyl ether | 135.2 | 6.6 | 166.7 | 0 | 81.1 | 50 - 125 | 131.2 | 3.01 | 30 | |
| 4-Chloro-3-methylphenol | 122.1 | 6.6 | 166.7 | 0 | 73.3 | 45 - 130 | 125.7 | 2.89 | 30 | |
| 4-Chloroaniline | 198.1 | 6.6 | 166.7 | 0 | 119 | 20 - 120 | 195.1 | 1.53 | 30 | |
| 4-Chlorophenyl phenyl ether | 128.7 | 6.6 | 166.7 | 0 | 77.2 | 50 - 120 | 122.6 | 4.79 | 30 | |
| 4-Nitroaniline | 156.3 | 6.6 | 166.7 | 0 | 93.8 | 50 - 127 | 168.7 | 7.62 | 30 | |
| 4-Nitrophenol | 146.2 | 13 | 166.7 | 0 | 87.7 | 40 - 147 | 147.1 | 0.562 | 30 | |
| Acenaphthene | 125.9 | 3.3 | 166.7 | 0 | 75.5 | 50 - 120 | 119.4 | 5.24 | 30 | |
| Acenaphthylene | 127.7 | 3.3 | 166.7 | 0 | 76.6 | 50 - 120 | 123.2 | 3.62 | 30 | |
| Acetophenone | 100.6 | 6.6 | 166.7 | 0 | 60.3 | 50 - 120 | 99.49 | 1.07 | 30 | |
| Anthracene | 137.1 | 3.3 | 166.7 | 0 | 82.2 | 50 - 123 | 133.1 | 2.93 | 30 | |
| Atrazine | 146.5 | 6.6 | 166.7 | 0 | 87.9 | 29 - 148 | 142.6 | 2.7 | 30 | |
| Benz(a)anthracene | 150.7 | 3.3 | 166.7 | 0 | 90.4 | 50 - 131 | 152.2 | 0.968 | 30 | |
| Benzaldehyde | 29.58 | 6.6 | 166.7 | 0 | 17.7 | 22 - 129 | 29.62 | 0.139 | 30 | S |
| Benzo(a)pyrene | 153.1 | 3.3 | 166.7 | 0 | 91.8 | 50 - 130 | 158.5 | 3.47 | 30 | |
| Benzo(b)fluoranthene | 156.9 | 3.3 | 166.7 | 0 | 94.2 | 50 - 137 | 163.5 | 4.07 | 30 | |
| Benzo(g,h,i)perylene | 148.2 | 3.3 | 166.7 | 0 | 88.9 | 50 - 130 | 145.7 | 1.69 | 30 | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID: 133297** **Instrument: SV-6** **Method: SW8270**

**MSD** Sample ID: **HS18100338-02MSD** Units: **ug/Kg** Analysis Date: **10-Oct-2018 14:35**
Client ID: **DRA29-20181004-01-51** Run ID: **SV-6_325120** SeqNo: **4766285** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 149.8 | 3.3 | 166.7 | 0 | 89.9 | 50 - 143 | 147.4 | 1.56 | 30 | |
| Bis(2-chloro-1-methylethyl) ether | 118 | 6.6 | 166.7 | 0 | 70.8 | 50 - 120 | 110.3 | 6.75 | 30 | |
| Bis(2-chloroethoxy)methane | 117.4 | 6.6 | 166.7 | 0 | 70.5 | 50 - 120 | 115.7 | 1.48 | 30 | |
| Bis(2-chloroethyl)ether | 127.8 | 6.6 | 166.7 | 0 | 76.7 | 45 - 127 | 119.1 | 7.05 | 30 | |
| Bis(2-ethylhexyl)phthalate | 183.5 | 6.6 | 166.7 | 5.597 | 107 | 21 - 148 | 190.1 | 3.55 | 30 | |
| Butyl benzyl phthalate | 181.1 | 6.6 | 166.7 | 0 | 109 | 50 - 136 | 184.4 | 1.8 | 30 | |
| Caprolactam | 138.4 | 6.6 | 166.7 | 0 | 83.0 | 50 - 135 | 136.8 | 1.16 | 30 | |
| Carbazole | 149.2 | 6.6 | 166.7 | 0 | 89.5 | 50 - 143 | 158.2 | 5.89 | 30 | |
| Chrysene | 143 | 3.3 | 166.7 | 0 | 85.8 | 50 - 130 | 149.3 | 4.34 | 30 | |
| Dibenz(a,h)anthracene | 154.2 | 3.3 | 166.7 | 0 | 92.5 | 50 - 130 | 141.7 | 8.49 | 30 | |
| Dibenzofuran | 126.4 | 3.3 | 166.7 | 0 | 75.8 | 50 - 125 | 122.8 | 2.86 | 30 | |
| Diethyl phthalate | 132.2 | 6.6 | 166.7 | 0 | 79.3 | 50 - 125 | 126.5 | 4.35 | 30 | |
| Dimethyl phthalate | 127.5 | 6.6 | 166.7 | 0 | 76.5 | 50 - 125 | 123.3 | 3.35 | 30 | |
| Di-n-butyl phthalate | 155.7 | 6.6 | 166.7 | 0.8558 | 92.9 | 50 - 140 | 156.8 | 0.692 | 30 | |
| Di-n-octyl phthalate | 187.8 | 6.6 | 166.7 | 0 | 113 | 50 - 140 | 194.8 | 3.63 | 30 | |
| Fluoranthene | 142.5 | 3.3 | 166.7 | 1.487 | 84.6 | 50 - 131 | 141.7 | 0.517 | 30 | |
| Fluorene | 131.1 | 3.3 | 166.7 | 0 | 78.7 | 50 - 125 | 125 | 4.75 | 30 | |
| Hexachlorobenzene | 137.3 | 6.6 | 166.7 | 0 | 82.4 | 50 - 124 | 135 | 1.69 | 30 | |
| Hexachlorobutadiene | 129.5 | 6.6 | 166.7 | 0 | 77.7 | 50 - 125 | 126.3 | 2.53 | 30 | |
| Hexachlorocyclopentadiene | 84.05 | 6.6 | 166.7 | 0 | 50.4 | 45 - 135 | 81.77 | 2.74 | 30 | |
| Hexachloroethane | 124.8 | 6.6 | 166.7 | 0 | 74.9 | 45 - 125 | 115.1 | 8.15 | 30 | |
| Indeno(1,2,3-cd)pyrene | 159.3 | 3.3 | 166.7 | 0 | 95.6 | 45 - 139 | 159.5 | 0.136 | 30 | |
| Isophorone | 118.2 | 6.6 | 166.7 | 0 | 70.9 | 45 - 130 | 118.3 | 0.0551 | 30 | |
| Naphthalene | 122.6 | 3.3 | 166.7 | 0 | 73.6 | 50 - 125 | 121.6 | 0.807 | 30 | |
| Nitrobenzene | 121.7 | 6.6 | 166.7 | 0 | 73.0 | 50 - 125 | 121.6 | 0.146 | 30 | |
| N-Nitrosodi-n-propylamine | 128.2 | 6.6 | 166.7 | 0 | 76.9 | 45 - 120 | 117.7 | 8.55 | 30 | |
| N-Nitrosodiphenylamine | 143.6 | 6.6 | 166.7 | 0 | 86.2 | 50 - 130 | 135.1 | 6.1 | 30 | |
| Pentachlorophenol | 131.8 | 6.6 | 166.7 | 0 | 79.1 | 23 - 136 | 121.6 | 8.07 | 30 | |
| Phenanthrene | 133.2 | 3.3 | 166.7 | 1.044 | 79.3 | 50 - 125 | 126.7 | 5.07 | 30 | |
| Phenol | 114.4 | 6.6 | 166.7 | 0 | 68.6 | 45 - 130 | 117.8 | 2.93 | 30 | |
| Pyrene | 148.7 | 3.3 | 166.7 | 2.521 | 87.7 | 45 - 130 | 149.1 | 0.252 | 30 | |
| *Surr: 2,4,6-Tribromophenol* | *145.4* | *0* | *166.7* | *0* | *87.3* | *36 - 126* | *139.7* | *3.99* | *30* | |
| *Surr: 2-Fluorobiphenyl* | *132.6* | *0* | *166.7* | *0* | *79.6* | *43 - 125* | *124.9* | *6.02* | *30* | |
| *Surr: 2-Fluorophenol* | *103.8* | *0* | *166.7* | *0* | *62.3* | *37 - 125* | *94.99* | *8.82* | *30* | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID:** **133297** **Instrument:** **SV-6** **Method:** **SW8270**

**MSD** Sample ID: **HS18100338-02MSD** Units: **ug/Kg** Analysis Date: **10-Oct-2018 14:35**
Client ID: **DRA29-20181004-01-51** Run ID: **SV-6_325120** SeqNo: **4766285** PrepDate: **08-Oct-2018** DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| *Surr: 4-Terphenyl-d14* | *155.7* | *0* | *166.7* | *0* | *93.4* | *32 - 125* | *155.4* | *0.18* | *30* | |
| *Surr: Nitrobenzene-d5* | *124.7* | *0* | *166.7* | *0* | *74.8* | *37 - 125* | *123.3* | *1.17* | *30* | |
| *Surr: Phenol-d6* | *115.6* | *0* | *166.7* | *0* | *69.4* | *40 - 125* | *111.5* | *3.6* | *30* | |

**The following samples were analyzed in this batch:**

| | | | |
|---|---|---|---|
| HS18100338-02 | HS18100338-03 | HS18100338-04 | HS18100338-05 |
| HS18100338-06 | HS18100338-07 | HS18100338-08 | HS18100338-09 |
| HS18100338-10 | HS18100338-11 | HS18100338-12 | HS18100338-13 |
| HS18100338-14 | HS18100338-15 | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** HS18100338

## QC BATCH REPORT

**Batch ID:** **R325102** **Instrument:** **Balance1** **Method:** **ASTM D2216**

**DUP** Sample ID: **HS18100267-04DUP** Units: **wt%** Analysis Date: **09-Oct-2018 09:58**
Client ID: Run ID: **Balance1_325102** SeqNo: **4765658** PrepDate: DF: **1**

| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 23 | 0.0100 | | | | | 23.2 | 0.866 | 20 | |

**The following samples were analyzed in this batch:**

| | | | |
|---|---|---|---|
| HS18100338-02 | HS18100338-03 | HS18100338-04 | HS18100338-05 |
| HS18100338-06 | HS18100338-07 | HS18100338-08 | HS18100338-09 |
| HS18100338-10 | HS18100338-11 | HS18100338-12 | HS18100338-13 |
| HS18100338-14 | HS18100338-15 | | |

**Client:** Weston Solutions, Inc.
**Project:** FJ Doyle Site
**WorkOrder:** **HS18100338**

## QUALIFIERS, ACRONYMS, UNITS

| Qualifier | Description |
|---|---|
| * | Value exceeds Regulatory Limit |
| a | Not accredited |
| B | Analyte detected in the associated Method Blank above the Reporting Limit |
| E | Value above quantitation range |
| H | Analyzed outside of Holding Time |
| J | Analyte detected below quantitation limit |
| M | Manually integrated, see raw data for justification |
| n | Not offered for accreditation |
| ND | Not Detected at the Reporting Limit |
| O | Sample amount is > 4 times amount spiked |
| P | Dual Column results percent difference > 40% |
| R | RPD above laboratory control limit |
| S | Spike Recovery outside laboratory control limits |
| U | Analyzed but not detected above the MDL/SDL |

| Acronym | Description |
|---|---|
| DCS | Detectability Check Study |
| DUP | Method Duplicate |
| LCS | Laboratory Control Sample |
| LCSD | Laboratory Control Sample Duplicate |
| MBLK | Method Blank |
| MDL | Method Detection Limit |
| MQL | Method Quantitation Limit |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| PDS | Post Digestion Spike |
| PQL | Practical Quantitaion Limit |
| SD | Serial Dilution |
| SDL | Sample Detection Limit |
| TRRP | Texas Risk Reduction Program |

| Unit Reported | Description |
|---|---|
| Date | |
| mg/Kg-dry | Milligrams per Kilogram- Dry weight corrected |
| mg/L | Milligrams per Liter |
| ug/100cm2 | micrograms per 100 cm2 |

## CERTIFICATIONS,ACCREDITATIONS & LICENSES

| Agency | Number | Expire Date |
|---|---|---|
| North Carolina | 624-2018 | 31-Dec-2018 |
| Arkansas | 88-0356 | 27-Mar-2019 |
| Texas | T10470231-18-21 | 30-Apr-2019 |
| North Dakota | R193 2018-2019 | 30-Apr-2019 |
| Illinois | 004438 | 29-Jun-2019 |
| Louisiana | 03087 | 30-Jun-2019 |
| Dept of Defense | ANAB L2231 | 22-Dec-2018 |
| Kentucky | 123043 - 2018 | 30-Apr-2019 |
| Kansas | E-10352 2018-2019 | 31-Jul-2019 |
| Oklahoma | 2018-156 | 31-Aug-2019 |

## Sample Receipt Checklist

| | | | |
|---|---|---|---|
| Client Name: | Weston Baton Rouge La | Date/Time Received: | **08-Oct-2018 10:30** |
| Work Order: | HS18100338 | Received by: | **JRM** |

| | | | | |
|---|---|---|---|---|
| Checklist completed by: | *Jared R. Makan* eSignature | 8-Oct-2018 Date | Reviewed by: *Bernadette A. Fini* eSignature | 9-Oct-2018 Date |

Matrices: **Soil,Water, Wipe** Carrier name: **ALS Courier**

| | Yes | No | Not Present / N/A |
|---|---|---|---|
| Shipping container/cooler in good condition? | ☑ | ☐ | Not Present ☐ |
| Custody seals intact on shipping container/cooler? | ☐ | ☐ | Not Present ☑ |
| Custody seals intact on sample bottles? | ☐ | ☐ | Not Present ☑ |
| Chain of custody present? | ☑ | ☐ | |
| Chain of custody signed when relinquished and received? | ☑ | ☐ | |
| Chain of custody agrees with sample labels? | ☐ | ☑ | |
| Samples in proper container/bottle? | ☑ | ☐ | |
| Sample containers intact? | ☑ | ☐ | |
| TX1005 solids received in hermetically sealed vials? | ☐ | ☐ | N/A ☑ |
| Sufficient sample volume for indicated test? | ☑ | ☐ | |
| All samples received within holding time? | ☑ | ☐ | |
| Container/Temp Blank temperature in compliance? | ☐ | ☑ | |
| Temperature(s)/Thermometer(s): | 24.7c/24.3c UC/C | | IR11 |
| Cooler(s)/Kit(s): | Green | | |
| Date/Time sample(s) sent to storage: | 10/08/2018 13:20 | | |
| Water - VOA vials have zero headspace? | ☐ | ☐ | No VOA vials submitted ☑ |
| Water - pH acceptable upon receipt? | ☑ | ☐ | N/A ☐ |
| pH adjusted? | ☐ | ☑ | N/A ☐ |
| pH adjusted by: | | | |

Login Notes: Samples received out of temp. Sample collection times differ for the following: DRA31-20181004-12-51 - COC = 11:15, Sx = 11:14. FJD04-09-WS14-20181004-81 - COC = 15:06, Sx = 14:06. Samples logged in per COC.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

**USEPA**
DateShipped: 10/4/2018
CarrierName: UPS
AirbillNo: J1797624035

**CHAIN OF CUSTODY RECORD**
Site #: 1234
Contact Name: Sean Gavlas
Contact Phone: 609-433-8434

**No: 6-100318-165808-0031**
Cooler #: 1
Lab: ALS - Houston TX
Lab Phone: 281-530-5656

| Lab # | Sample # | Location | Analyses | Matrix | Collected | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|
| | DRA32-20181004-12-23 | FieldQC | PCBs | Water | 10/4/2018 | 11:30 | 2 | 250 mL amber | 4 C | N |
| | DRA32-20181004-12-23 | FieldQC | SVOC / PAH | Water | 10/4/2018 | 11:30 | 2 | 1L amber | 4 C | N |
| | DRA32-20181004-12-23 | FieldQC | Metals | Water | 10/4/2018 | 11:30 | 1 | 250 mL poly | HN03 | N |
| | DRA29-20181004-01-51 | DRA29 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 08:42 | 1 | 4oz glass | 4C | N |
| | DRA29-20181004-06-51 | DRA29 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 08:59 | 1 | 4oz glass | 4C | N |
| | DRA29-20181004-06-52 | DRA29 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 08:59 | 1 | 4oz glass | 4C | N |
| | DRA29-20181004-12-51 | DRA29 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 09:17 | 1 | 4oz glass | 4C | N |
| | DRA30-20181004-01-51 | DRA30 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 09:31 | 1 | 4oz glass | 4C | N |
| | DRA30-20181004-06-51 | DRA30 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 09:51 | 1 | 4oz glass | 4C | Y |
| | DRA30-20181004-12-51 | DRA30 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 10:05 | 1 | 4oz glass | 4C | N |
| | DRA31-20181004-01-51 | DRA31 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 10:40 | 1 | 4oz glass | 4C | N |

Special Instructions: Analyze all samples for listed analyses with a 3-day TAT. Send sample results to Jeff Wright (jeff.wright@westonsolutions.com) and Sean Gavlas (sean.gavlas@westonsolutions.com).

**SAMPLES TRANSFERRED FROM**
**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples All Analyses | [signature] | 10/4/18/1100 | J. [illegible] | 10/8/18 10:30 | Cooler - Green Temp 24.7 IR11 4-09 |
| | | | | | |
| | | | | | |
| | | | | | |

**HS18100338**
Weston Solutions, Inc.
FJ Doyle Site

**USEPA**
DateShipped: 10/4/2018
CarrierName: UPS
AirbillNo: J1797624035

**CHAIN OF CUSTODY RECORD**
Site #: 1234
Contact Name: Sean Gavlas
Contact Phone: 609-433-8434

**No: 6-100318-165808-0031**
Cooler #: 1
Lab: ALS - Houston TX
Lab Phone: 281-530-5656

| Lab # | Sample # | Location | Analyses | Matrix | Collected | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|
| | DRA31-20181004-06-51 | DRA31 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 11:05 | 1 | 4oz glass | 4C | N |
| | DRA31-20181004-12-51 | DRA31 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 11:15 | 1 | 4oz glass | 4C | N |
| | DRA32-20181004-01-51 | DRA32 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 10:45 | 1 | 4oz glass | 4C | N |
| | DRA32-20181004-06-51 | DRA32 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 10:55 | 1 | 4oz glass | 4C | N |
| | DRA32-20181004-06-52 | DRA32 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 10:55 | 1 | 4oz glass | 4C | N |
| | DRA32-20181004-12-51 | DRA32 | PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020) | Soil | 10/4/2018 | 11:15 | 1 | 4oz glass | 4C | N |
| | FJD04-09-PCS01-20181004-81 | FJD04-09-PCS01 | PCB (Aroclor 1268 ONLY), Pb (6020) | Paint | 10/4/2018 | 16:16 | 1 | 4oz glass | 4C | N |
| | FJD04-09-WS01-20181004-81 | FJD04-09-WS01 | PCBs (8082A) | Wipe | 10/4/2018 | 14:11 | 1 | 4 oz. glass | Hexane | N |
| | FJD04-09-WS01-20181004-82 | FJD04-09-WS01 | PCBs (8082A) | Wipe | 10/4/2018 | 14:13 | 1 | 4 oz. glass | Hexane | N |
| | FJD04-09-WS02-20181004-81 | FJD04-09-WS02 | PCBs (8082A) | Wipe | 10/4/2018 | 14:16 | 1 | 4 oz. glass | Hexane | N |
| | FJD04-09-WS03-20181004-81 | FJD04-09-WS03 | PCBs (8082A) | Wipe | 10/4/2018 | 14:20 | 1 | 4 oz. glass | Hexane | N |

Special Instructions: Analyze all samples for listed analyses with a 3-day TAT. Send sample results to Jeff Wright (jeff.wright@westonsolutions.com) and Sean Gavlas (sean.gavlas@westonsolutions.com).

**SAMPLES TRANSFERRED FROM**
**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples All Analyses | | 10/4/18 1900 | J. Minchaw | 10/8/18 10:30 | Cooler Green Temp 24.7 IR11 08-0-4 |
| | | | | | |
| | | | | | |
| | | | | | |

**HS18100338**
Weston Solutions, Inc.
FJ Doyle Site

**USEPA**
DateShipped: 10/4/2018
CarrierName: UPS
AirbillNo: J1797624035

**CHAIN OF CUSTODY RECORD**
Site #: 1234
Contact Name: Sean Gavlas
Contact Phone: 609-433-8434

**No: 6-100318-165808-0031**
Cooler #: 1
Lab: ALS - Houston TX
Lab Phone: 281-530-5656

| Lab # | Sample # | Location | Analyses | Matrix | Collected | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|
| | FJD04-09-WS13-20181004-81 | FJD04-09-WS13 | PCBs (8082A) | Wipe | 10/4/2018 | 15:02 | 1 | 4 oz. glass | Hexane | N |
| | FJD04-09-WS14-20181004-81 | FJD04-09-WS14 | PCBs (8082A) | Wipe | 10/4/2018 | 15:06 | 1 | 4 oz. glass | Hexane | N |

Special Instructions: Analyze all samples for listed analyses with a 3-day TAT. Send sample results to Jeff Wright (jeff.wright@westonsolutions.com) and Sean Gavlas (sean.gavlas@westonsolutions.com).

**SAMPLES TRANSFERRED FROM**
**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples/ All Analyses | | 10/4/18 1900 | J. Mauney | 10/8/18 10:30 | Cooler - Green Temp 24.7 Well cf-0.4 |
| | | | | | |
| | | | | | |
| | | | | | |

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Weston Solutions, Inc.
FJ Doyle Site

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CUSTODY SEAL

WCS 1

Name

Date

W.O. #

JM

10/8/18

WESTON

OFFICIAL
CUSTODY SEAL

WCS 1

Name

Date

W.O. #

JM

10/8/18

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