

APPENDIX F. SEEP WATER ANALYTICAL DATA TABLES

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Table F-1. Results of Hydrolab and turbidity meter measurements of seep water sampled during the second sampling event

| SEEP NUMBER | TURBIDITY (NTU) | | TEMPERATURE (°C) | | SPECIFIC CONDUCTIVITY (µmhos/cm) | | SALINITY (PPT) | | DISSOLVED OXYGEN (mg/L) | | pH | | OXIDATION-REDUCTION POTENTIAL (mV) ^a |
|-------------|------------------|------------------|------------------|------|----------------------------------|--------|----------------|-------|-------------------------|------|------|------|---|
| | 1 | 2 | HL 1 | HL 2 | HL 1 | HL 2 | HL 1 | HL 2 | HL 1 | HL 2 | HL 1 | HL 2 | HL 1 |
| Seep 10 | 5.7 ^b | nm ^b | 15.0 | 15.0 | 27,230 | 31,070 | 21.1 | 24.5 | 9.80 | 9.03 | 6.32 | 6.79 | 88 |
| Seep 12 | 4.4 | 0.86 | 13.6 | 13.7 | 42,350 | 49,360 | 35.8 | >42.0 | 8.47 | 8.30 | 5.94 | 6.63 | 108 |
| Seep 20 | 1.8 | 2.4 | 15.0 | 15.1 | 27,250 | 31,650 | 21.2 | 24.9 | 8.46 | 8.86 | 6.93 | 7.32 | 158 |
| Seep 39 | 0.63 | 0.28 | 17.9 | 18.2 | 32,930 | 37,910 | 24.3 | 28.1 | 9.05 | 9.34 | | 6.28 | 192 |
| Seep 41 | 0.26 | 0.71 | 18.2 | 18.2 | 15,030 | 17,460 | 10.2 | 12.0 | 8.39 | 7.64 | 6.85 | 6.97 | 180 |
| Seep 48 | 0.80 | 1.0 | 17.2 | 17.2 | 28,650 | 33,350 | 21.2 | 25.0 | 6.61 | 4.04 | 5.86 | 6.29 | 294 |
| Seep 54 | 2.8 | 2.6 | 18.0 | 17.6 | 9,754 | 11,330 | 6.4 | 7.6 | 6.00 | 2.95 | 7.03 | 7.42 | -59 |
| Seep 61 | 1.8 | 0.86 | 15.6 | 15.7 | 12,350 | 14,280 | 8.8 | 10.3 | 7.52 | 7.40 | 6.85 | 7.13 | 138 |
| Seep 62 | 14 ^b | nm ^b | 16.4 | 16.4 | 21,500 | 24,950 | 15.8 | 18.5 | 7.42 | 6.69 | 6.70 | 7.10 | 253 |
| Seep 64 | 3.7 ^c | 3.9 ^c | 14.4 | 14.7 | 31,500 | 37,270 | 25.2 | 30.1 | 7.32 | 9.49 | 6.19 | 6.98 | 241 |
| Seep 69 | 1.9 | 1.9 | 20.0 | 19.0 | 10,480 | 12,110 | 6.6 | 7.9 | 1.41 | 12.8 | 6.22 | 6.14 | 134 |
| Seep 71 | 2.8 | 2.0 | 19.0 | 17.6 | 20,390 | 23,870 | 14.0 | 17.2 | 0.830 | 2.43 | 5.83 | 6.11 | 116 |
| Seep 75 | 0.59 | 3.6 | 15.8 | 14.9 | 26,060 | 30,260 | 19.7 | 23.8 | 8.34 | 8.42 | 6.88 | 7.30 | 189 |
| Seep 76 | 2.2 | 1.4 | 15.3 | 14.8 | 1,020 | 1,146 | <2.0 | <2.0 | 0.830 | 5.33 | 6.38 | 6.25 | 114 |
| Seep 80 | 3.2 | 4.8 | 15.9 | 15.9 | 14,280 | 16,760 | 10.2 | 12.2 | 8.16 | 6.83 | 6.25 | 6.71 | -60 |
| Seep 82 | 2.1 | 3.9 | 18.8 | 19.1 | 16,140 | 18,670 | 10.9 | 12.6 | 8.18 | 10.4 | 6.36 | 6.54 | 231 |

HL – Hydrolab

nm – not measured

Note: turbidity measures 1 and 2 were taken from the first and second mini-piezometers, respectively, except where noted.

^a The second Hydrolab did not have a meter for oxidation-reduction potential, so only one measurement was made

^b Sample was collected using funnel and attached tubing, so only one turbidity measure was taken (see note above)

^c These were turbidity measurements at this seep on 7/2/04. The tide rose before unfiltered samples for TOC, TSS, and metals could be collected on this day. An attempt was made to resample the seep on 7/3/04, but turbidity did not decrease to <5 NTU, so the remaining unfiltered samples were not collected.

Table F-2. Flow rates measured at seeps during seep chemistry sampling event from June 30 to July 3, 2004

| SEEP NUMBER | FLOW RATE (m ³ /sec) | DESCRIPTION |
|-------------|---------------------------------|---|
| Seep 10 | 0.0025 | Seep flow emerging from base of retaining wall into two exposed channels draining about 250 ft of wall |
| Seep 12 | na | Broad flow entering channelized area; water level too high to obtain flow rate |
| Seep 20 | 0.0024 | Localized seep flow from base of retaining wall entering two exposed channels |
| Seep 39 | 0.00039 | Flow from single seep emerging from bank and forming one channel |
| Seep 41 | na | Low surface flow from broad wet bank; not possible to obtain flow rate |
| Seep 48 | 0.0017 | Broad seep flow from base of riprap and along the beach entering one exposed channel draining about 50 ft |
| Seep 54 | na | Low surface flow from broad seepage; not possible to obtain flow rate |
| Seep 61 | 0.0075 | Broad seep flow from base of riprap entering large channel draining about 150 ft of shoreline |
| Seep 62 | 0.000005 | Single small seep emerging from riprap |
| Seep 64 | 0.00013 | Seep flow from localized source at base of riprap entering 4 small channels |
| Seep 69 | | Low surface flow from broad seepage; not possible to obtain flow rate |
| Seep 71 | 0.00013 | Broad flow from base of riprap |
| Seep 75 | 0.00015 | Seep flow from single seep at base of riprap entering two channels |
| Seep 76 | | Seep flow very low and broad; not possible to obtain flow rate |
| Seep 80 | 0.00003 | Channelized seep flow from single seep emerging from peat shelf at top of rip rap |
| Seep 82 | 0.00067 | Broad flow from base of riprap entering one channel |

na – not available

Table F-3. Chemistry results for LDW seep water samples: organochlorine pesticides and PCBs

| ANALYTE | LDW-SP-10-C-F | LDW-SP-10-C-U | LDW-SP-12-C-F | LDW-SP-12-C-U | LDW-SP-20-C-F | LDW-SP-20-C-U | LDW-SP-39-C-F | LDW-SP-39-C-U | LDW-SP-41-C-F | LDW-SP-41-C-U | LDW-SP-48-C-F | LDW-SP-48-C-U | LDW-SP-54-C-F | LDW-SP-54-C-U |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Organochlorine Pesticides (µg/L) | | | | | | | | | | | | | | |
| 4,4'-DDD | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.021 U | 0.18 U |
| 4,4'-DDE | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.17 U |
| 4,4'-DDT | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.017 U |
| Aldrin | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0083 U |
| alpha-BHC | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0070 U | 0.0039 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0083 U |
| alpha-Chlordane | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0018 U | 0.0083 U |
| alpha-Endosulfan | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0083 U |
| beta-BHC | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0026 U | 0.0090 U | 0.00080 U | 0.00080 U | 0.0083 U |
| beta-Endosulfan | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.011 U | 0.26 U |
| DDTs (total calc'd) | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.021 U | 0.18 U |
| delta-BHC | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.0092 U | 0.00080 U | 0.0051 U | 0.0031 U | 0.00080 U | 0.0066 U | 0.0029 U | 0.0021 U | 0.00080 U | 0.0083 U |
| Dieldrin | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0095 U | 0.11 U |
| Endosulfan sulfate | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.017 U |
| Endrin | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.057 U |
| Endrin aldehyde | 0.0017 UJ | na | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.061 UJ |
| Endrin ketone | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.017 U |
| gamma-BHC | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0083 U |
| gamma-Chlordane | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.0040 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0054 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0083 U |
| Heptachlor | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0083 U |
| Heptachlor epoxide | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0090 | 0.0076 | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.016.0 U | 0.0083 U |
| Methoxychlor | 0.0083 U | na | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.083 U |
| Toxaphene | 0.083 U | na | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.83 U |
| PCBs (µg/L) | | | | | | | | | | | | | | |
| Aroclor-1016 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.17 U |
| Aroclor-1221 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.17 U |
| Aroclor-1232 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.17 U |
| Aroclor-1242 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.17 U |
| Aroclor-1248 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.21 | 4.7 |
| Aroclor-1254 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.15 U | 2.3 J |
| Aroclor-1260 | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.047 | 1.9 |
| PCBs (total calc'd) | 0.017 U | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.26 | 8.9 J |

| ANALYTE | LDW-SP-61-C-F | LDW-SP-61-C-U | LDW-SP-62-C-F | LDW-SP-62-C-U | LDW-SP-64-C-F | LDW-SP-64-C-U | LDW-SP-69-C-F | LDW-SP-69-C-U | LDW-SP-71-C-F | LDW-SP-71-C-U | LDW-SP-75-C-F | LDW-SP-75-C-U | LDW-SP-76-C-F | LDW-SP-76-C-U |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Organochlorine Pesticides (µg/L) | | | | | | | | | | | | | | |
| 4,4'-DDD | 0.0049 U | 0.0020 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| 4,4'-DDE | 0.058 U | 0.038 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| 4,4'-DDT | 0.0017 U | 0.0020 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Aldrin | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| alpha-BHC | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| alpha-Chlordane | 0.038 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| alpha-Endosulfan | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| beta-BHC | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0019 U | 0.00080 U | 0.00080 U |
| beta-Endosulfan | 0.0017 U | 0.0020 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| DDTs (total-calc'd) | 0.058 U | 0.038 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| delta-BHC | 0.0083 U | 0.0010 U | 0.012 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.013 U | 0.0049 U | 0.00080 U | 0.00080 U |
| Dieldrin | 0.0017 U | 0.027 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Endosulfan sulfate | 0.0017 U | 0.0020 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Endrin | 0.0017 U | 0.0020 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Endrin aldehyde | 0.0017 UJ | 0.0020 UJ | 0.0017 UJ | na | 0.0017 UJ | na | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ |
| Endrin ketone | 0.0017 U | 0.0020 U | 0.0017 U | na | 0.0017 U | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| gamma-BHC | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| gamma-Chlordane | 0.00080 U | 0.0010 U | 0.0017 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0032 U |
| Heptachlor | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| Heptachlor epoxide | 0.00080 U | 0.0010 U | 0.00080 U | na | 0.00080 U | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.0018 U | 0.00080 U | 0.00080 U | 0.00080 U |
| Methoxychlor | 0.0083 U | 0.010 U | 0.0083 U | na | 0.0083 U | na | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U |
| Toxaphene | 0.083 U | 0.10 U | 0.083 U | na | 0.083 U | na | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U |
| PCBs (µg/L) | | | | | | | | | | | | | | |
| Aroclor-1016 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.04 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1221 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.04 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1232 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.04 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1242 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.04 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1248 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.092 | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1254 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.21 J | 0.017 U | 0.017 U | 0.017 U | 0.020 J | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1260 | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.16 | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| PCBs (total calc'd) | 0.017 U | 0.020 U | 0.017 U | na | 0.017 U | 0.46 J | 0.017 U | 0.017 U | 0.017 U | 0.020 J | 0.017 U | 0.017 U | 0.017 U | 0.017 U |

| ANALYTE | LDW-SP-80-C-F | LDW-SP-80-C-FD-F | LDW-SP-80-C-FD-U | LDW-SP-80-C-U | LDW-SP-82-C-F | LDW-SP-82-C-FD-F | LDW-SP-82-C-FD-U | LDW-SP-82-C-U |
|---|---------------|------------------|------------------|---------------|---------------|------------------|------------------|---------------|
| Organochlorine Pesticides (µg/L) | | | | | | | | |
| 4,4'-DDD | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| 4,4'-DDE | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| 4,4'-DDT | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Aldrin | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| alpha-BHC | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| alpha-Chlordane | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| alpha-Endosulfan | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| beta-BHC | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| beta-Endosulfan | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| DDTs (total-calc'd) | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| delta-BHC | 0.00080 U | na | na | 0.00080 U | 0.0039 U | 0.00080 U | 0.00080 U | 0.00080 U |
| Dieldrin | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Endosulfan sulfate | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Endrin | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| Endrin aldehyde | 0.0017 UJ | na | na | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ | 0.0017 UJ |
| Endrin ketone | 0.0017 U | na | na | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U | 0.0017 U |
| gamma-BHC | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| gamma-Chlordane | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| Heptachlor | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| Heptachlor epoxide | 0.00080 U | na | na | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U | 0.00080 U |
| Methoxychlor | 0.0083 U | na | na | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U | 0.0083 U |
| Toxaphene | 0.083 U | na | na | 0.083 U | 0.083 U | 0.083 U | 0.083 U | 0.083 U |
| PCBs (µg/L) | | | | | | | | |
| Aroclor-1016 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1221 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1232 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1242 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1248 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1254 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| Aroclor-1260 | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| PCBs (total calc'd) | 0.017 U | na | na | 0.017 U | 0.017 U | 0.017 U | 0.017 U | 0.017 U |

Detected concentrations shown in **BOLD**

na – not analyzed

Data qualifiers: U = not detected at reporting limit shown; J = estimated concentration; UJ = not detected at estimated reporting limit shown

Table F-4. Chemistry results for LDW seep water samples: conventionals, metals, and TPH

| ANALYTE | LDW-SP-10-C-F | LDW-SP-10-C-U | LDW-SP-12-C-F | LDW-SP-12-C-U | LDW-SP-20-C-F | LDW-SP-20-C-U | LDW-SP-39-C-F | LDW-SP-39-C-U | LDW-SP-41-C-F |
|-------------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------------|---------------|
| Conventionals (mg/L) | | | | | | | | | |
| Dissolved organic carbon | 1.96 J ^a | na | 1.50 UJ | na | 1.50 UJ | na | 1.50 UJ | na | 1.50 UJ |
| Total organic carbon | na | na | na | 1.50 U | na | 1.50 U | na | 1.50 U | na |
| Total suspended solids | na | na | na | 15.6 J | na | 4.3 J | na | 5.8 J | na |
| Metals (µg/L) | | | | | | | | | |
| Arsenic | 0.841 | na | 0.771 | 1.13 | 1.35 | 1.58 | 0.054 | 0.058 | 0.235 |
| Cadmium | 0.085 | na | 0.107 | 0.133 | 0.111 | 0.114 | 0.206 | 0.272 | 0.133 |
| Chromium | 6.31 U | na | 7.06 U | 6.34 U | 8.80 U | 11.4 U | 4.36 U | 6.01 U | 6.95 U |
| Copper | 8.69 J | na | 12.5 J | 15.8 J | 8.16 J | 10.2 J | 10.1 J | 12.2 J | 5.24 U |
| Lead | 0.252 | na | 0.129 | 0.823 | 0.096 | 1.44 | 0.051 | 0.161 | 0.036 |
| Mercury | 0.00092 | na | 0.00074 | 0.00518 | 0.00062 | 0.00061 | 0.00087 | 0.00094 ^a | 0.00062 |
| Nickel | 1.32 | na | 4.24 | 8.03 | 5.25 | 8.83 | 2.78 | 6.43 | 2.23 |
| Silver | 0.021 | na | 0.053 | 0.033 | 0.112 | 0.086 | 0.028 | 0.025 | 0.036 |
| Zinc | 11.97 | na | 14.1 | 16.1 | 8.08 | 10.8 | 8.30 | 9.90 | 6.07 |
| TPH (mg/L)^b | | | | | | | | | |
| Gasoline | na | na | na | 0.25 U | na | 0.25 U | na | 0.25 U | na |
| TPH - diesel range | 0.25 U | na | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| TPH - motor oil range | 0.50 U | na | 0.50 U | 0.50 U | 0.50 U | 0.50 U | 0.50 U | 0.50 U | 0.50 U |

| ANALYTE | LDW-SP-41-C-U | LDW-SP-48-C-F | LDW-SP-48-C-U | LDW-SP-54-C-F | LDW-SP-54-C-U | LDW-SP-61-C-F | LDW-SP-61-C-U | LDW-SP-62-C-F | LDW-SP-62-C-U |
|-------------------------------|---------------------|---------------|---------------------|---------------|---------------|---------------|----------------------|---------------|---------------|
| Conventionals (mg/L) | | | | | | | | | |
| Dissolved organic carbon | na | 1.50 UJ | na | 5.00 J | na | 1.50 UJ | na | 1.50 UJ | na |
| Total organic carbon (TOC) | 1.50 U ^a | na | 1.50 U | na | 6.42 | na | 2.57 | na | na |
| Total suspended solids | 7.1 J ^a | na | 12.8 ^a | na | 14.3 | na | 15.8 ^a | na | na |
| Metals (µg/L) | | | | | | | | | |
| Arsenic | 0.230 ^a | 0.422 | 0.618 | 0.404 | 1.30 | 72.4 | 67.2 | 6.84 | na |
| Cadmium | 0.158 | 0.101 | 0.127 ^a | 0.012 | 0.710 | 0.0090 | 0.022 ^a | 0.11 | na |
| Chromium | 3.68 U | 7.58 U | 4.58 U ^a | 4.02 U | 74.9 | 1.83 U | 0.07 U ^a | 7.73 U | na |
| Copper | 5.96 U | 10.1 J | 11.1 J ^a | 4.53 U | 6.47 U | 4.72 U | 4.75 U ^a | 7.77 U | na |
| Lead | 0.080 | 0.154 J | 1.06 ^a | 0.703 | 296 | 0.088 | 0.240 ^a | 0.10 | na |
| Mercury | 0.00112 | 0.00132 | 0.00109 | 0.0132 | 0.582 | 0.00099 J | 0.00216 ^a | 0.00256 | na |
| Nickel | 4.71 | 1.56 | 3.23 ^a | 0.84 | 3.92 | 0.04 U | 0.04 U ^a | 0.04 U | na |
| Silver | 0.026 | 0.053 | 0.054 ^a | 0.015 U | 0.015 U | 0.027 | 0.030 ^a | 0.044 | na |
| Zinc | 7.14 | 15.8 | 17.7 ^a | 5.45 | 322 | 3.29 | 3.49 ^a | 12.2 | na |
| TPH (mg/L)^b | | | | | | | | | |
| Gasoline | 0.25 U | na | na | na | 0.29 | na | na | na | na |
| TPH - diesel range | 0.25 U | na | na | 1.4 | 2.2 | na | na | na | na |
| TPH - motor oil range | 0.50 U | na | na | 0.50 U | 1.9 | na | na | na | na |

| ANALYTE | LDW-SP-64-C-F | LDW-SP-64-C-U | LDW-SP-69-C-F | LDW-SP-69-C-U | LDW-SP-71-C-F | LDW-SP-71-C-U | LDW-SP-75-C-F | LDW-SP-75-C-U | LDW-SP-76-C-F |
|-------------------------------|---------------|---------------|---------------|---------------------|---------------|-------------------|---------------|---------------------|---------------|
| Conventionals (mg/L) | | | | | | | | | |
| Dissolved organic carbon | 1.75 J | na | 5.81 J | na | 1.50 UJ | na | 1.50 UJ | na | 6.57 J |
| Total organic carbon (TOC) | na | na | na | 8.55 | na | 2.08 ^a | na | 3.15 ^a | na |
| Total suspended solids | na | na | na | 25.0 ^a | na | 11.3 | na | 24.3 ^a | na |
| Metals (µg/L) | | | | | | | | | |
| Arsenic | 1.28 | na | 1.47 | 1.64 | 1.02 | 1.91 | 2.20 | 2.49 | 253 |
| Cadmium | 0.045 | na | 0.016 | 0.112 | 0.023 | 0.078 | 0.021 | 0.031 ^a | 0.091 |
| Chromium | 1.51 U | na | 3.10 U | 2.91 U | 2.03 U | 4.24 U | 9.74 U | 5.37 U ^a | 7.04 UJ |
| Copper | 6.99 U | na | 4.63 U | 8.06 J | 6.07 U | 12.1 J | 6.79 U | 8.43 J ^a | 3.28 UJ |
| Lead | 0.193 | na | 0.066 | 0.356 | 0.175 | 15.2 | 0.056 | 0.650 ^a | 3.00 |
| Mercury | 0.00126 J | na | 0.00349 | 0.0127 ^a | 0.00201 | 0.0322 | 0.00077 | 0.00171 | 0.0153 |
| Nickel | 0.04 U | na | 3.22 | 4.52 | 1.95 | 3.44 | 1.42 | 3.48 ^a | 2.37 J |
| Silver | 0.049 | na | 0.053 | 0.053 | 0.070 | 0.068 | 0.081 | 0.068 ^a | 0.012 |
| Zinc | 3.86 | na | 3.95 | 45.6 | 10.2 | 26.9 | 5.35 | 8.36 ^a | 138 J |
| TPH (mg/L)^b | | | | | | | | | |
| TPH – gasoline range | na | 0.25 U | na | 0.25 U | na | na | na | na | na |
| TPH - diesel range | na | 0.25 U | 0.25 U | 0.25 U | na | na | na | na | na |
| TPH - motor oil range | na | 0.50 U | 0.50 U | 0.50 U | na | na | na | na | na |

| ANALYTE | LDW-SP-76-C-U | LDW-SP-80-C-F | LDW-SP-80-C-FD-F | LDW-SP-80-C-FD-U | LDW-SP-80-C-U | LDW-SP-82-C-F | LDW-SP-82-C-U | LDW-SP-82-C-FD-F | LDW-SP-82-C-FD-U |
|-------------------------------|---------------|---------------|------------------|------------------|---------------|---------------|-------------------|------------------|------------------|
| Conventionals (mg/L) | | | | | | | | | |
| Dissolved organic carbon | na | 14.8 J | na | na | na | 1.50 UJ | na | 1.50 UJ | na |
| Total organic carbon (TOC) | 7.78 | na | na | na | 13.4 | na | 2.50 | na | 1.60 |
| Total suspended solids | 5.2 | na | na | na | 33.3 | na | 11.2 | na | 5.8 |
| Metals (µg/L) | | | | | | | | | |
| Arsenic | 287 | 0.590 | na | na | 0.855 | 1.20 | 1.46 ^a | 1.14 | 2.20 |
| Cadmium | 0.204 | 0.011 | na | na | 0.037 | 0.513 | 0.569 | 0.503 | 0.606 |
| Chromium | 5.67 U | 6.70 U | na | na | 4.61 U | 3.25 U | 5.65 U | 3.51 U | 5.81 U |
| Copper | 50.9 | 22.8 | na | na | 21.4 | 8.22 J | 10.9 J | 8.27 J | 13.4 J |
| Lead | 56.4 | 0.078 | na | na | 0.277 | 0.206 | 2.31 | 0.201 | 8.29 |
| Mercury | 0.0616 | 0.00869 | na | na | 0.00646 | 0.00380 | 0.0168 | 0.00295 | 0.0117 |
| Nickel | 3.79 | 0.04 U | na | na | 2.80 | 3.56 | 5.83 | 3.36 | 6.12 |
| Silver | 0.077 | 0.015 U | na | na | 0.015 U | 0.113 | 0.088 | 0.084 | 0.126 |
| Zinc | 309 | 16.8 | na | na | 14.1 | 164 | 186 | 158 | 201 |
| TPH (mg/L)^b | | | | | | | | | |
| TPH – gasoline range | na | na | na | 0.25 U | 0.25 U | na | na | na | na |
| TPH - diesel range | na | 0.59 | 0.41 | 0.47 | 0.61 | na | na | na | na |
| TPH - motor oil range | na | 0.50 U | 0.50 U | 0.50 U | 0.50 U | na | na | na | na |

Note: detected concentrations are shown in **BOLD**.

na – not analyzed

Data qualifiers: U = not detected at reporting limit shown; J = estimated concentration; UJ = not detected at estimated reporting limit shown

^a Result shown is average of one or more laboratory replicate analyses

^b Although not required in the project QAPP, TPH – diesel range and TPH – motor oil range were analyzed in samples from Seeps 10, 12, 20, and 39, and TPH – gasoline range was analyzed in samples from Seeps 12 and 20.

Table F-5. Chemistry results for LDW seep water samples: semivolatile organic compounds

| ANALYTE (µg/L) | LDW-SP-10-C-F | LDW-SP-10-C-U | LDW-SP-12-C-F | LDW-SP-12-C-U | LDW-SP-20-C-F | LDW-SP-20-C-U | LDW-SP-39-C-F | LDW-SP-39-C-U | LDW-SP-41-C-F | LDW-SP-41-C-U | LDW-SP-48-C-F | LDW-SP-48-C-U | LDW-SP-54-C-F | LDW-SP-54-C-U | LDW-SP-61-C-F | LDW-SP-61-C-U | LDW-SP-62-C-F | LDW-SP-62-C-U |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1,2,4-Trichlorobenzene | 1.0 U | 5.0 UJ | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 5.0 UJ |
| 1,2-Dichlorobenzene | 1.0 U | 1.0 UJ | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 2.9 | 1.0 U | 1.0 U | 1.0 U | 1.0 UJ |
| 1,3-Dichlorobenzene | 1.0 U | 1.0 UJ | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 3.6 | 58.3 | 1.0 U | 1.0 U | 1.0 U | 1.0 UJ |
| 1,4-Dichlorobenzene | 1.0 U | 1.0 UJ | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 3.9 | 40.2 | 1.0 U | 1.0 U | 1.0 U | 1.0 UJ |
| 1,4-Dioxane | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 2,4,5-Trichlorophenol | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 2,4,6-Trichlorophenol | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 2,4-Dichlorophenol | 3.0 U | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | na |
| 2,4-Dimethylphenol | 3.0 U | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | na |
| 2,4-Dinitrophenol | 25 U | na | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | na |
| 2,4-Dinitrotoluene | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 2,6-Dinitrotoluene | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 2-Chloronaphthalene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 2-Chlorophenol | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 2-Methylnaphthalene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 2-Methylphenol | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 2-Nitroaniline | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 2-Nitrophenol | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 3,3'-Dichlorobenzidine | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 3-Nitroaniline | 6.0 U | na | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | na |
| 4,6-Dinitro-o-cresol | 15 U | na | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | na |
| 4-Bromophenyl phenyl ether | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 4-Chloro-3-methylphenol | 2.0 U | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na |
| 4-Chloroaniline | 3.0 U | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | na |
| 4-Chlorophenyl phenyl ether | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 4-Methylphenol | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| 4-Nitroaniline | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| 4-Nitrophenol | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| Acenaphthene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Acenaphthylene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Anthracene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Benzo(a)anthracene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Benzo(a)pyrene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |

| ANALYTE (µg/L) | LDW-SP-10-C-F | LDW-SP-10-C-U | LDW-SP-12-C-F | LDW-SP-12-C-U | LDW-SP-20-C-F | LDW-SP-20-C-U | LDW-SP-39-C-F | LDW-SP-39-C-U | LDW-SP-41-C-F | LDW-SP-41-C-U | LDW-SP-48-C-F | LDW-SP-48-C-U | LDW-SP-54-C-F | LDW-SP-54-C-U | LDW-SP-61-C-F | LDW-SP-61-C-U | LDW-SP-62-C-F | LDW-SP-62-C-U |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Benzo(b)fluoranthene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Benzo(g,h,i)perylene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Benzo(k)fluoranthene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Benzoic acid | 10 U | na | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | na |
| Benzyl alcohol | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| bis(2-chloroethoxy)methane | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| bis(2-chloroethyl)ether | 2.0 U | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na |
| bis(2-chloroisopropyl)ether | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Bis(2-ethylhexyl)phthalate | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.1 U | 1.0 U | 3.9 U | 2.2 BU | 3.0 BU | 1.0 U | 1.0 BU | 2600 R | 3.1 BU | 1.0 BU | na |
| Butyl benzyl phthalate | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Carbazole | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Chrysene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Dibenzo(a,h)anthracene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Dibenzofuran | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Diethyl phthalate | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.6 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Dimethyl phthalate | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Di-n-butyl phthalate | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 3.8 U | 1.0 U | 1.0 U | na |
| Di-n-octyl phthalate | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Fluoranthene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Fluorene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Hexachlorobenzene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Hexachlorobutadiene | 2.0 U | 5.0 UJ | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 5.0 UJ |
| Hexachlorocyclopentadiene | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| Hexachloroethane | 2.0 U | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na |
| Indeno(1,2,3-cd)pyrene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Isophorone | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Naphthalene | 1.0 U | 5.0 UJ | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 5.0 UJ |
| Nitrobenzene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| N-Nitroso-di-n-propylamine | 2.0 U | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na |
| N-Nitrosodiphenylamine | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Pentachlorophenol | 5.0 U | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na |
| Phenanthrene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |
| Phenol | 2.0 U | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na |
| Pyrene | 1.0 U | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na |

| ANALYTE (µg/L) | LDW-SP-64-C-F | LDW-SP-64-C-U | LDW-SP-69-C-F | LDW-SP-69-C-U | LDW-SP-71-C-F | LDW-SP-71-C-U | LDW-SP-75-C-F | LDW-SP-75-C-U | LDW-SP-76-C-F | LDW-SP-76-C-U | LDW-SP-80-C-F | LDW-SP-80-C-FD-F | LDW-SP-80-C-FD-U | LDW-SP-80-C-U | LDW-SP-82-C-F | LDW-SP-82-C-FD-F | LDW-SP-82-C-FD-U | LDW-SP-82-C-U |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|---------------|---------------|------------------|------------------|---------------|
| 1,2,4-Trichlorobenzene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,2-Dichlorobenzene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,3-Dichlorobenzene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,4-Dichlorobenzene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 1,4-Dioxane | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2,4,5-Trichlorophenol | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2,4,6-Trichlorophenol | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2,4-Dichlorophenol | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | na | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U |
| 2,4-Dimethylphenol | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | na | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U |
| 2,4-Dinitrophenol | na | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | na | na | 25 U | 25 U | 25 U | 25 U | 25 U |
| 2,4-Dinitrotoluene | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2,6-Dinitrotoluene | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Chloronaphthalene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2-Chlorophenol | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2-Methylnaphthalene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2-Methylphenol | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 2-Nitroaniline | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 2-Nitrophenol | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 3,3'-Dichlorobenzidine | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 3-Nitroaniline | na | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U | na | na | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 6.0 U |
| 4,6-Dinitro-o-cresol | na | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | na | na | 15 U | 15 U | 15 U | 15 U | 15 U |
| 4-Bromophenyl phenyl ether | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 4-Chloro-3-methylphenol | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| 4-Chloroaniline | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U | na | na | 3.0 U | 3.0 U | 3.0 U | 3.0 U | 3.0 U |
| 4-Chlorophenyl phenyl ether | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 4-Methylphenol | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| 4-Nitroaniline | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| 4-Nitrophenol | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Acenaphthene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Acenaphthylene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Anthracene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Benzo(a)anthracene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Benzo(a)pyrene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Benzo(b)fluoranthene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Benzo(g,h,i)perylene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Benzo(k)fluoranthene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

| ANALYTE (µg/L) | LDW-SP-64-C-F | LDW-SP-64-C-U | LDW-SP-69-C-F | LDW-SP-69-C-U | LDW-SP-71-C-F | LDW-SP-71-C-U | LDW-SP-75-C-F | LDW-SP-75-C-U | LDW-SP-76-C-F | LDW-SP-76-C-U | LDW-SP-80-C-F | LDW-SP-80-C-FD-F | LDW-SP-80-C-FD-U | LDW-SP-80-C-U | LDW-SP-82-C-F | LDW-SP-82-C-FD-F | LDW-SP-82-C-FD-U | LDW-SP-82-C-U |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|---------------|---------------|------------------|------------------|---------------|
| Benzoic acid | na | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | na | na | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzyl alcohol | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| bis(2-chloroethoxy)methane | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| bis(2-chloroethyl)ether | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| bis(2-chloroisopropyl)ether | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Bis(2-ethylhexyl)phthalate | na | 1.7 BU | 1.0 U | 1.0 U | 1.0 U | 1.2 U | 1.7 BU | 1.8 BU | 3.8 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 4.4 BU | 1.0 U | 1.0 U |
| Butyl benzyl phthalate | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Carbazole | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Chrysene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Dibenzo(a,h)anthracene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Dibenzofuran | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Diethyl phthalate | na | 1.0 U | 5.5 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Dimethyl phthalate | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Di-n-butyl phthalate | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 3.0 U | 1.0 U | 1.0 U |
| Di-n-octyl phthalate | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Fluoranthene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Fluorene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Hexachlorobenzene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Hexachlorobutadiene | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Hexachlorocyclopentadiene | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Hexachloroethane | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Indeno(1,2,3-cd)pyrene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Isophorone | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Naphthalene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Nitrobenzene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| N-Nitroso-di-n-propylamine | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| N-Nitrosodiphenylamine | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Pentachlorophenol | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | na | na | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| Phenanthrene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| Phenol | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | na | na | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| Pyrene | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | na | na | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |

Note: detected concentrations are shown in **BOLD**.

na – not analyzed

Data qualifiers: U = not detected at reporting limit shown; J = estimated concentration; UJ = not detected at estimated reporting limit shown; BU = not detected due to blank contamination; R = rejected concentration

Table F-6. Chemistry results for LDW seep water samples: volatile organic compounds

| ANALYTE (µg/L) | LDW-SP-10-C-F | LDW-SP-10-C-U | LDW-SP-12-C-F | LDW-SP-12-C-U | LDW-SP-20-C-F | LDW-SP-20-C-U | LDW-SP-39-C-F | LDW-SP-39-C-U | LDW-SP-41-C-F | LDW-SP-41-C-U | LDW-SP-48-C-F | LDW-SP-48-C-U | LDW-SP-54-C-F | LDW-SP-54-C-U | LDW-SP-61-C-F | LDW-SP-61-C-U | LDW-SP-62-C-F | LDW-SP-62-C-U |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1,1,1,2-Tetrachloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,1,1-Trichloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,1,2,2-Tetrachloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,1,2-Trichloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,1,2-Trichlorotrifluoroethane | na | 2.0 UJ | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 UJ |
| 1,1-Dichloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,1-Dichloroethene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,1-Dichloropropene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,2,3-Trichlorobenzene | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| 1,2,3-Trichloropropane | na | 3.0 UJ | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 UJ |
| 1,2,4-Trimethylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ |
| 1,2-Dibromo-3-chloropropane | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| 1,2-Dibromoethane (EDB) | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,2-Dichloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,2-Dichloropropane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 1,3,5-Trimethylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ |
| 1,3-Dichloropropane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 2,2-Dichloropropane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 2-Chlorotoluene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| 2-Hexanone | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| 4-Chlorotoluene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Acetone | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| Acrolein | na | 50 UJ | na | 50 U | na | 50 U | na | 50 U | na | 50 U | na | 50 U | na | 50 UJ | na | 50 U | na | 50 UJ |
| Acrylonitrile | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Benzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Bromobenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Bromochloromethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Bromodichloromethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Bromoethane | na | 2.0 UJ | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 UJ |
| Bromoform | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Bromomethane | na | 1.0 UJ | na | 1.0 UJ | na | 1.0 UJ | na | 1.0 UJ | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ | na | 1.0 UJ | na | 1.0 UJ |
| Carbon disulfide | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 2.4 | na | 1.0 U | na | 1.0 UJ |
| Carbon tetrachloride | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Chlorobenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 6.5 | na | 1.0 U | na | 1.0 UJ |

| ANALYTE (µg/L) | LDW-SP-10-C-F | LDW-SP-10-C-U | LDW-SP-12-C-F | LDW-SP-12-C-U | LDW-SP-20-C-F | LDW-SP-20-C-U | LDW-SP-39-C-F | LDW-SP-39-C-U | LDW-SP-41-C-F | LDW-SP-41-C-U | LDW-SP-48-C-F | LDW-SP-48-C-U | LDW-SP-54-C-F | LDW-SP-54-C-U | LDW-SP-61-C-F | LDW-SP-61-C-U | LDW-SP-62-C-F | LDW-SP-62-C-U |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Chloroethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Chloroform | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Chloromethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| cis-1,2-Dichloroethene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| cis-1,3-Dichloropropene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Cymene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ |
| Dibromochloromethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Dibromomethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Dichloromethane | na | 2.0 UJ | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 UJ |
| Ethylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Iodomethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Isopropylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Methyl ethyl ketone | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| Methyl isobutyl ketone | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ | na | 5.0 U | na | 5.0 UJ |
| n-Butylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| n-Propylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ |
| sec-Butylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Styrene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | 1.0 UJ |
| tert-Butylbenzene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Tetrachloroethene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Toluene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| trans-1,2-Dichloroethene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| trans-1,3-Dichloropropene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| trans-1,4-Dichloro-2-butene | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| Trichloroethene | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Trichlorofluoromethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Vinyl acetate | na | 5.0 UJ | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 UJ |
| Vinyl chloride | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Xylene (meta & para) | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |
| Xylene (ortho) | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 UJ |

| ANALYTE (µg/L) | LDW-SP-64-C-F | LDW-SP-64-C-U | LDW-SP-69-C-F | LDW-SP-69-C-U | LDW-SP-71-C-F | LDW-SP-71-C-U | LDW-SP-75-C-F | LDW-SP-75-C-U | LDW-SP-76-C-F | LDW-SP-76-C-U | LDW-SP-80-C-F | LDW-SP-80-C-FD-F | LDW-SP-80-C-FD-U | LDW-SP-80-C-U | LDW-SP-82-C-F | LDW-SP-82-C-FD-F | LDW-SP-82-C-FD-U | LDW-SP-82-C-U |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|---------------|---------------|------------------|------------------|---------------|
| 1,1,1,2-Tetrachloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,1,1-Trichloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,1,2,2-Tetrachloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,1,2-Trichloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,1,2-Trichlorotrifluoroethane | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | na | na | 2.0 U | na | na | 2.0 U | 2.0 U |
| 1,1-Dichloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,1-Dichloroethene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,1-Dichloropropene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,2,3-Trichlorobenzene | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| 1,2,3-Trichloropropane | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | 3.0 U | na | na | na | 3.0 U | na | na | 3.0 U | 3.0 U |
| 1,2,4-Trimethylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,2-Dibromo-3-chloropropane | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| 1,2-Dibromoethane (EDB) | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,2-Dichloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,2-Dichloropropane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,3,5-Trimethylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 1,3-Dichloropropane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 2,2-Dichloropropane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 2-Chlorotoluene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| 2-Hexanone | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| 4-Chlorotoluene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Acetone | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| Acrolein | na | 50 U | na | 50 U | na | 50 U | na | 50 U | na | 50 U | na | na | na | 50 U | na | na | 50 U | 50 U |
| Acrylonitrile | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Benzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Bromobenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Bromochloromethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Bromodichloromethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Bromoethane | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | na | na | 2.0 U | na | na | 2.0 U | 2.0 U |
| Bromoform | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Bromomethane | na | 1.0 UJ | na | 1.0 U | na | 1.0 U | na | 1.0 UJ | na | 1.0 U | na | na | na | 1.0 UJ | na | na | 1.0 U | 1.0 U |
| Carbon disulfide | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.1 | na | na | 1.0 U | 1.0 U |
| Carbon tetrachloride | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Chlorobenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |

| ANALYTE (µg/L) | LDW-SP-64-C-F | LDW-SP-64-C-U | LDW-SP-69-C-F | LDW-SP-69-C-U | LDW-SP-71-C-F | LDW-SP-71-C-U | LDW-SP-75-C-F | LDW-SP-75-C-U | LDW-SP-76-C-F | LDW-SP-76-C-U | LDW-SP-80-C-F | LDW-SP-80-C-FD-F | LDW-SP-80-C-FD-U | LDW-SP-80-C-U | LDW-SP-82-C-F | LDW-SP-82-C-FD-F | LDW-SP-82-C-FD-U | LDW-SP-82-C-U |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|------------------|---------------|---------------|------------------|------------------|---------------|
| Chloroethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Chloroform | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Chloromethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| cis-1,2-Dichloroethene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| cis-1,3-Dichloropropene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Cymene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Dibromochloromethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Dibromomethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Dichloromethane | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | 2.0 U | na | na | na | 2.0 U | na | na | 2.0 U | 2.0 U |
| Ethylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Iodomethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Isopropylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Methyl ethyl ketone | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| Methyl isobutyl ketone | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| n-Butylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| n-Propylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| sec-Butylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Styrene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| tert-Butylbenzene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Tetrachloroethene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Toluene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| trans-1,2-Dichloroethene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| trans-1,3-Dichloropropene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| trans-1,4-Dichloro-2-butene | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| Trichloroethene | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Trichlorofluoromethane | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Vinyl acetate | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | 5.0 U | na | na | na | 5.0 U | na | na | 5.0 U | 5.0 U |
| Vinyl chloride | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Xylene (meta & para) | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |
| Xylene (ortho) | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | 1.0 U | na | na | na | 1.0 U | na | na | 1.0 U | 1.0 U |

Note: detected concentrations are shown in **BOLD**.

na – not analyzed

Data qualifiers: U = not detected at reporting limit shown; UJ = not detected at estimated reporting limit shown