Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-002-001-00-51 6/2/2015	WO-002-001-00-52 6/2/2015	WO-002-001-06-51 6/2/2015	WO-002-001-12-51 6/2/2015	WO-002-002-00-51 6/2/2015	WO-002-002-06-51 6/2/2015	WO-002-003-00-51 6/2/2015	WO-002-003-06-51 6/2/2015	WO-002-003-12-51 6/2/2015	WO-002-004-00-51 6/2/2015	WO-002-004-00-52 6/2/2015	WO-002-004-06-51 6/2/2015	WO-005-001-00-51 5/19/2015	WO-005-001-00-52 5/19/2015	WO-005-001-06-51 5/21/2015	WO-005-001-12-51 5/21/2015	WO-005-001-24-51 5/21/2015	WO-005-001-24-52 5/21/2015	WO-005-002-00-51 5/19/2015	WO-005-002-06-51 5/21/2015	WO-005-002-12-51 5/21/2015	WO-005-002-24-51 5/21/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**2220 J**	**2120 J**	**2680**	**2960**	**2740**	**4020**	**1790 J**	**2810 J**	**2770 J**	**2200 J**	**3150 J**	**3820**	**2520**	**2390**	**2020**	**9370**	**6800**	**7240**	**1520**	**3710**	**6650**	**14300**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.59 UJ	0.92 UJ	1 UJ	0.8 UJ	0.88 UJ	0.92 UJ	1 UJ	0.78 UJ	0.87 UJ	1.1 UJ	1.1 UJ	0.84 UJ	0.5 U	0.5 U	**0.6**	0.6 U	0.5 U	0.5 UJ	0.5 U	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**0.98**	**1**	**1.1**	**1.7**	**2.1**	**1.8**	**1.3**	**1.6**	**1.4**	**1.3**	**1.4**	**1.9**	**2.5**	**1.5**	**2.1**	**3.2**	**2.4**	**2**	**0.9**	**1.5**	**2.6**	**2**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**32.4 J**	**32 J**	**29.4**	**32.2**	**34.7**	**31.1**	**48.1 J**	**39.9 J**	**33.1 J**	**31.9 J**	**31.2 J**	**34**	**23.4**	**22.6**	**21.1**	**40.5**	**26.9**	**26.2**	**26**	**37.3**	**93.5**	**73.2**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.5 U	0.46 U	0.52 U	0.4 U	0.44 U	0.46 U	0.52 U	0.39 U	0.44 U	0.55 U	0.56 U	0.42 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.53 U	0.55 U	**0.62**
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.5 U	0.46 U	0.52 U	0.4 U	0.44 U	0.46 U	0.52 U	0.39 U	0.44 U	0.55 U	0.56 U	0.42 U	**1.6**	**1.1**	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.53 U	0.55 U	0.57 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**1120**	**1130**	**1850**	**607**	**1080**	**688**	**2220**	**4510**	**753**	**1880**	**13800**	**670**	**3500**	**3600**	**1600**	**856**	**700**	**560**	**505**	**558**	**570**	**611**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**5.3**	**5.6**	**5.6**	**8.5**	**6.6**	**7.7**	**5.6**	**6.1**	**6.8**	**5.5**	**5.5**	**9.5**	**6.2**	**3.9**	**4.8**	**9.1**	**9.9**	**6.8**	**3.9**	**7.3**	**11.9**	**15.4**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**2.8**	**3.3**	**2.7**	**5.1**	**3**	**4**	**2.3**	**2.3**	**2.9**	**3**	**2.8**	**3.1**	**2.5**	2.1 U	**3.1**	**4.2**	**2.9**	**2.5**	2.1 U	**2.4**	**8.5**	**3.8**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**10.3**	**9.7**	**10.8**	**21.3**	**10**	**18.6**	**11**	**11.4**	**15.3**	**16.3**	**17**	**24.8**	**3.1**	**3.1**	**2.7**	**6**	**7.7**	**6.8**	2.1 U	**2.8**	**3.9**	**6.9**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**3410 J**	**3450 J**	**4100**	**9040**	**4170**	**17600**	**3280 J**	**4190 J**	**6070 J**	**3090 J**	**5310 J**	**6360**	**6200**	**4000**	**5390**	**13500**	**13000**	**8380**	**2940**	**6940**	**7730**	**11800**
Lead	7439-92-1	mg/kg	400	800	400	--	**15.5**	**16.4**	**13.2**	**5.9**	**18**	**7.1**	**15.1**	**11.9**	**6.4**	**16.5**	**8.3**	**4.1**	**13.5**	**12.7**	**15.5**	**7.4**	**5.7**	**6**	**7.7**	**6.5**	**12.6**	**5.9**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**279 J**	**284 J**	**469**	433 U	481 U	546 U	**322 J**	**612**	449 U	**301 J**	**2020**	473 U	**1850**	**1770**	**756**	**757**	**649**	**658**	**229**	515 U	**684**	**1200**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**210**	**208**	**203 J**	**577 J**	**410 J**	**1280 J**	**239**	**237**	**217**	**135**	**244**	**199 J**	**201**	**139**	**197**	**40.8**	**27.4**	**29.7**	**175**	**343**	**145**	**45.4**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	**0.0028 U**	0.12 U	**0.0042 U**	0.1 U	**0.0035 U**	0.11 U	0.11 U	0.11 U	0.1 U	0.12 U	0.11 U	0.1 U	0.072 U	0.077 U	0.073 U	0.07 U	0.077 U	0.072 U	0.071 U	**0.011 U**	**0.01 U**	**0.017 U**
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**3**	**3.2**	**3.1**	**4**	**2.8**	**3.9**	**3.2**	**3.6**	**3.4**	**3.3**	**3**	**4.1**	**2.3**	**2.2**	**2.1**	**4.3**	**3**	**3.1**	2.1 U	**3.2**	**6**	**8.1**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	466 U	500 U	465 U	433 U	481 U	546 U	465 U	**493**	449 U	569 U	535 U	473 U	**405**	**422**	**321**	**699**	**472**	**498**	**279**	515 U	**760**	**982**
Selenium	7782-49-2	mg/kg	390	5800	390	--	2.5 U	2.3 U	2.6 U	2 U	2.2 U	2.3 U	2.6 U	2 U	2.2 U	2.7 U	2.8 U	2.1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	2.7 U	**0.35 U**	2.9 U
Silver	7440-22-4	mg/kg	390	5800	390	--	0.5 U	0.46 U	0.52 U	0.4 U	0.44 U	0.46 U	0.52 U	0.39 U	0.44 U	0.55 U	0.56 U	0.42 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	0.53 U	0.55 U	0.57 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	466 U	500 U	465 U	433 U	481 U	546 U	465 U	413 U	449 U	569 U	535 U	473 U	53.8 U	53 U	49.7 U	55.1 U	51.7 U	53 U	52.8 U	515 U	522 U	548 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.5 U	0.46 U	0.52 U	0.4 U	0.44 U	0.46 U	0.52 U	0.39 U	0.44 U	0.55 U	0.56 U	0.42 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.53 U	0.55 U	0.57 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**7.6**	**8**	**8.2**	**12.7**	**8.1**	**12**	**7.7**	**8.8**	**10.2**	**8.7**	**9.6**	**15.7**	**11.6**	**7.2**	**8.7**	**20.4**	**15.6**	**14.4**	**5.5**	**11.9**	**21.6**	**28.4**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**36.8 J**	**40.3 J**	**24.3**	**7.8**	**41.1**	**17.2**	**56.5 J**	**29.1 J**	**11 J**	**40.3 J**	**19.6 J**	**9.6**	**20.4**	**20.4**	**20.2**	**9.1**	**6.6**	**7.9**	**14.2**	**11.7**	**11.5**	**16.5**
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.04 U	0.04 U	0.039 U	0.038 U	0.041 U	0.04 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**0.00066 U**	**0.00054 U**	**0.00073 U**	**0.00025 U**	**0.00067 U**	**0.0014 U**	**0.0008 U**	**0.00061 U**	**0.00037 U**	0.0037 U	**0.0012 U**	0.0019 U	**0.0012 U**	**0.00023 U**	**0.0003 U**	0.0038 U	**0.000063 U**	**0.00058 U**	**0.0008 U**	0.0038 U	0.0037 U	0.0038 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	**0.0019 U**	**0.0004 U**	**0.00062 U**	0.0038 U	**0.00024 U**	**0.00014 U**	**0.00024 U**	**0.0022 U**	0.0038 U	**0.0001 U**	0.0037 U	0.0039 U	**0.0002 U**	**0.00039 U**	0.0037 U	**0.00063 U**	0.0039 U	**0.00026 U**	**0.000049 U**	**0.00031 U**	**0.00026 U**	**0.000072 U**
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	**0.00051 U**	**0.0008 U**	**0.00046 U**	0.0038 U	**0.00075 U**	**0.00044 U**	**0.0011 U**	**0.0006 U**	**0.00019 U**	**0.00023 U**	**0.00044 U**	0.0039 U	**0.0009 U**	**0.00025 U**	**0.0011 U**	**0.00015 U**	**0.00015 U**	**0.00056 U**	**0.00053 U**	0.0038 U	0.0037 U	**0.00022 U**
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.0021 U	0.0021 U	0.002 U	0.002 U	0.0021 U	0.0021 U	**0.00025 U**	**0.00048 U**	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	**0.00011 U**	0.002 U	0.0019 U	0.002 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.0021 U	0.0021 U	0.002 U	0.002 U	0.0021 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	**0.00015 U**	0.0019 U	**0.00024 U**	**0.00037 U**	**0.00024 U**	0.0019 U	**0.000033 U**	**0.00037 U**	0.002 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.0021 U	0.0021 U	0.002 U	0.002 U	0.0021 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.002 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.0021 U	**0.00061 U**	0.002 U	0.002 U	0.0021 U	0.0021 U	**0.00047 U**	0.0019 U	**0.00028 U**	**0.00007 U**	0.0019 U	0.002 U	0.0019 U	**0.00077 U**	0.0019 U	0.002 U	0.002 U	0.0019 U	**0.00082 U**	0.002 U	0.0019 U	0.002 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	**0.024 U**	**0.084 U**	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.0021 U	0.0021 U	0.002 U	0.002 U	0.0021 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.002 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	0.004 U	0.004 U	**0.00039 U**	**0.00027 U**	**0.00027 U**	**0.00039 U**	0.0038 U	0.0038 U	0.0038 U	0.0037 U	0.0037 U	**0.00019 U**	0.0037 U	0.0037 U	0.0037 U	0.0038 U	0.0039 U	0.0038 U	0.0037 U	0.0038 U	0.0037 U	**0.00031 U**
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.0021 U	0.0021 U	0.002 U	0.002 U	0.0021 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.002 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	**0.00072 U**	**0.001 U**	0.0039 U	0.0038 U	0.0041 U	0.004 U	**0.00085 U**	**0.00095 U**	**0.00021 U**	**0.00053 U**	**0.0013 U**	0.0039 U	**0.00096 U**	**0.00025 U**	0.0037 U	0.0038 U	0.0039 U	0.0038 U	**0.00013 U**	0.0038 U	0.0037 U	**0.00031 U**
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.004 U	0.004 U	0.0039 U	0.0038 U	**0.00031 U**	0.004 U	**0.0046 J**	0.0038 U	0.0038 U	**0.00087 U**	**0.00036 U**	0.0039 U	**0.00062 U**	**0.000052 U**	**0.00028 U**	**0.00021 U**	0.0039 U	0.0038 U	**0.00013 U**	**0.00049 U**	0.0037 U	**0.00027 U**
Endrin	72-20-8	mg/kg	19	250	18	--	**0.00048 U**	**0.00083 U**	0.0039 U	**0.00018 U**	0.0041 U	0.004 U	**0.0013 U**	**0.00095 U**	**0.00042 U**	0.0037 U	0.0037 U	0.0039 U	**0.00058 U**	**0.005 U**	**0.00087 U**	**0.0013 U**	0.0039 U	**0.001 U**	**0.00058 U**	0.0037 U	0.0038 U	**0.0017 U**
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.004 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.004 U	0.0038 U	0.0038 U	0.0038 U	0.0037 U	0.0037 U	0.0039 U	0.0037 U	0.0037 U	0.0037 U	0.0038 U	0.0039 U	0.0038 U	0.0037 U	0.0038 U	0.0037 U	0.0038 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	**0.00029 U**	**0.00033 U**	0.0039 U	0.0038 U	0.0041 U	0.004 U	**0.0014 U**	**0.0012 U**	**0.000095 U**	**0.00015 U**	**0.0002 U**	0.0039 U	**0.00037 U**	**0.00011 U**	0.0037 U	0.0038 U	0.0039 U	0.0038 U	**0.00013 U**	0.0038 U	0.0037 U	0.0038 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	0.0021 U	0.0021 U	**0.00096 U**	**0.00019 U**	**0.00022 U**	**0.00054 U**	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	**0.00015 U**	**0.00044 U**	**0.00037 U**	**0.0001 U**	**0.00062 U**	0.002 U	0.0019 U	**0.00025 U**	**0.00021 U**	0.0019 U	0.002 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	**0.00073 U**	**0.00024 U**	**0.00041 U**	**0.00022 U**	**0.0002 U**	**0.00019 U**	**0.00054 U**	**0.00033 U**	**0.00014 U**	0.0019 U	**0.00031 U**	**0.00019 U**	**0.00018 U**	**0.00012 U**	0.0019 U	0.002 U	0.002 U	0.0019 U	**0.0002 U**	0.002 U	0.0019 U	**0.00011 U**
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	**0.00028 U**	**0.00032 U**	0.002 U	0.002 U	0.0021 U	**0.00025 U**	0.002 U	**0.00027 U**	**0.00015 U**	**0.00019 U**	**0.00028 U**	0.002 U	**0.000095 U**	**0.00022 U**	0.0019 U	0.002 U	0.002 U	0.0019 U	**0.00027 U**	0.002 U	0.0019 U	0.002 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.0021 U	0.0021 U	**0.00096 U**	0.002 U	0.0021 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	**0.00071 U**	**0.00035 U**	**0.00037 U**	**0.00026 U**	0.0019 U	**0.00031 U**	**0.00015 U**	**0.0021 J**
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	0.021 U	0.021 U	0.02 U	**0.0014 U**	0.021 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.019 U	**0.0013 U**	0.019 U	**0.00041 U**	0.019 U	0.02 U	0.02 U	0.019 U	**0.0018 U**	0.02 U	0.019 U	0.02 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.12 U	0.1 U	0.11 U	0.11 U	0.13 U	0.099 U	0.13 U	0.11 U	0.1 U	0.12 U	0.14 U	0.11 U	0.099 U	0.1 U	0.1 UJ	0.094 UJ	0.094 UJ	0.097 UJ	0.14 U	0.11 UJ	0.091 UJ	0.1 UJ
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.4 U	0.4 U	0.39 U	0.38 U	0.42 U	0.4 U	0.38 U	0.37 U	0.39 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U	0.37 U	0.39 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.38 U
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	44000	3100	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.4 U	0.4 U	0.39 U	0.38 U	0.42 U	0.4 U	0.38 U	0.37 U	0.39 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U	0.37 U	0.39 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.38 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-002-001-00-51 6/2/2015	WO-002-001-00-52 6/2/2015	WO-002-001-06-51 6/2/2015	WO-002-001-12-51 6/2/2015	WO-002-002-00-51 6/2/2015	WO-002-002-06-51 6/2/2015	WO-002-003-00-51 6/2/2015	WO-002-003-06-51 6/2/2015	WO-002-003-12-51 6/2/2015	WO-002-004-00-51 6/2/2015	WO-002-004-00-52 6/2/2015	WO-002-004-06-51 6/2/2015	WO-005-001-00-51 5/19/2015	WO-005-001-00-52 5/19/2015	WO-005-001-06-51 5/21/2015	WO-005-001-12-51 5/21/2015	WO-005-001-24-51 5/21/2015	WO-005-001-24-52 5/21/2015	WO-005-002-00-51 5/19/2015	WO-005-002-06-51 5/21/2015	WO-005-002-12-51 5/21/2015	WO-005-002-24-51 5/21/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	**0.064**	**0.068**	**0.03 J**	**0.015**	**0.021**	**0.0055**	**NA**	**NA**	**0.03**	**0.011**	**0.014**	**0.002 LJ**	**0.0048 J**	**0.0043 J**	**0.0034 LJ**	0.0039 U	0.0038 U	0.0038 U	**0.008 J**	**0.0038 LJ**	0.0037 U	0.0038 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	**0.0029 LJ**	**0.0029 LJ**	**0.014 J**	**0.0058**	**0.009**	**0.002 LJ**	**0.046 LJ**	**0.06 LJ**	0.019 U	**0.00089 LJ**	**0.0096 LJ**	**0.0011 LJ**	**0.0028 LJ**	**0.0019 LJ**	**0.0018 LJ**	0.0039 U	**0.0011 LJ**	**0.0014 LJ**	**0.00099 LJ**	**0.0018 LJ**	0.0037 U	0.0038 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	**0.017**	**0.017**	**0.01 J**	**0.0046**	**0.0062**	**0.0014 LJ**	**0.12**	**0.13**	**0.0084 LJ**	**0.003 LJ**	**0.0037 LJ**	0.0039 U	**0.0013 LJ**	**0.00098 LJ**	**0.001 LJ**	0.0039 U	0.0038 U	0.0038 U	**0.0025 LJ**	**0.0011 LJ**	0.0037 U	0.0038 U
Chrysene	218-01-9	mg/kg	16	290	1500	--	**0.049**	**0.053**	**0.025 J**	**0.012**	**0.019**	**0.0057**	**NA**	**NA**	**0.022**	**0.011**	**0.01**	**0.0038 LJ**	**0.0048 J**	**0.0042 J**	**0.0034 LJ**	0.0039 U	0.0038 U	0.0038 U	**0.011 J**	**0.0035 LJ**	**0.00078 LJ**	0.0038 U
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	**0.0083**	**0.009 LJ**	**0.004 J**	**0.002 LJ**	**0.0029 LJ**	0.004 U	**0.047 LJ**	**0.057 LJ**	0.019 U	**0.0015 LJ**	**0.0017 LJ**	0.0039 U	**0.00087 LJ**	**0.00092 LJ**	0.0037 U	0.0039 U	0.0038 U	0.0038 U	**0.00099 LJ**	0.0038 U	0.0037 U	0.0038 U
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	**0.063**	**0.07**	**0.022 J**	**0.012**	**0.02**	**0.0054**	**NA**	**NA**	**0.027**	**0.01**	**0.013**	**0.0015 LJ**	**0.0045 J**	**0.0035 LJ**	**0.0033 LJ**	0.0039 U	0.0038 U	0.0038 U	**0.011 J**	**0.003 LJ**	0.0037 U	0.0038 U
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	**0.0039 LJ**	**0.0041 LJ**	**0.0012 LJ**	0.0038 U	**0.0013 LJ**	0.004 U	0.076 U	**0.041 LJ**	0.019 U	0.0037 U	0.0038 U	0.0039 U	**0.00075 LJ**	0.0037 UJ	0.0037 U	0.0039 U	0.0038 U	0.0038 U	**0.0028 LJ**	0.0038 U	0.0037 U	0.0038 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	**0.035**	**0.038**	**0.018 J**	**0.0088**	**0.012**	**0.0032 LJ**	**0.23**	**0.26**	**0.016 LJ**	**0.0062**	**0.0074**	**0.0011 LJ**	**0.004 J**	**0.0038 J**	**0.0031 LJ**	0.0039 U	0.0038 U	0.0038 U	**0.0044 J**	**0.0025 LJ**	0.0037 U	0.0038 U
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	**0.0029 LJ**	**0.0029 LJ**	**0.00097 LJ**	**0.0019 LJ**	**0.0026 LJ**	**0.00086 LJ**	0.076 U	**0.048 LJ**	0.019 U	**0.00092 LJ**	0.0038 U	**0.00079 LJ**	**0.0019 LJ**	0.0037 UJ	0.0037 U	0.0039 U	0.0038 U	0.0038 U	**0.0032 LJ**	0.0038 U	0.0037 U	**0.0015 LJ**
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.016 UJ	0.024 UJ	0.008 UJ	**0.0019 LJ**	**0.0048 LJ**	0.0082 UJv	0.15 U	0.15 U	0.039 U	0.0076 UJ	0.0076 UJ	0.0079 UJv	**NA**	**NA**	**NA**	0.0078 U	0.0078 U	0.0077 U	**NA**	0.0077 U	0.0076 U	0.0078 U
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	**0.039**	**0.045**	**0.011 J**	**0.0057**	**0.013**	**0.0032 LJ**	**0.086**	**NA**	**0.012 LJ**	**0.005**	**0.007**	**0.0027 LJ**	**0.0042 J**	**0.0036 LJ**	**0.0022 LJ**	0.0039 U	0.0038 U	0.0038 U	**0.0046 J**	**0.0018 LJ**	0.0037 U	0.0038 U
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	**0.06**	**0.065**	**0.024 J**	**0.012**	**0.02**	**0.0057**	**NA**	**NA**	**0.029**	**0.011**	**0.013**	**0.0029 LJ**	**0.0058 J**	**0.0042 J**	**0.0041 J**	0.0039 U	0.0038 U	0.0038 U	**0.0094 J**	**0.0039**	0.0037 U	0.0038 U
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.012 U	0.01 U	**0.013**	0.011 U	0.013 U	**0.013**	0.013 U	0.011 U	0.01 U	0.012 U	0.014 U	**0.019**	0.0099 U	0.01 U	**0.0067 LJ**	0.0094 U	**0.0066 LJ**	**0.0032 LJ**	0.014 U	0.011 U	0.0091 U	0.01 U
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.012 U	0.01 U	0.011 U	0.011 U	0.013 U	0.0099 U	0.013 U	0.011 U	0.01 U	0.012 U	0.014 U	0.011 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.0094 U	0.0097 U	0.014 U	0.011 U	0.0091 U	0.01 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.012 U	0.01 U	0.011 U	0.011 U	0.013 U	0.0099 U	0.013 U	0.011 U	0.01 U	0.012 U	0.014 U	0.011 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.0094 U	0.0097 U	0.014 U	0.011 U	0.0091 U	0.01 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	**0.023 J**	**0.027**	**0.039**	**0.019**	**0.0098 LJ**	**0.029**	0.013 U	0.011 U	**0.011**	0.012 U	0.014 U	**0.014**	0.0099 U	**0.0048 LJ**	0.01 UM	0.0094 U	0.0094 U	0.0097 U	0.014 U	0.011 U	0.0091 U	**0.0064 LJ**
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0058 UR	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 UR	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	**0.00048 LJ**	**0.00045 LJ**	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	**0.00029 LJ**	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	**0.00029 LJ**	0.0052 U	**0.00024 LJ**	0.0054 U	**0.00033 LJ**	**0.0002 LJ**	**0.00034 LJ**	**0.00056 LJ**	**0.00045 LJ**	**0.00025 LJ**	**0.00033 LJ**	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
O-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	**0.0094 J**	**0.0033 LJ**	**0.0061**	**0.0015 LJ**	**0.016**	**0.0049 LJ**	**0.017**	**0.0022 LJ**	**0.0053**	**0.009**	**0.01**	**0.0095**	**0.00022 LJ**	**0.00046 LJ**	**0.00061 LJ**	**0.0011 LJ**	**0.00054 LJ**	**0.00041 LJ**	**0.00099 LJ**	**0.0015 LJ**	**0.00038 LJ**	**0.00026 LJ**
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	**0.00029 LJ**
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0058 U	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U	0.005 U	0.0052 U	0.005 U	0.0047 U	0.0047 U	0.0048 U	0.0069 U	0.0054 U	0.0046 U	0.0052 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-005-002-24-52	WO-005-003-00-51	WO-005-003-06-51	WO-005-003-12-51	WO-005-003-24-51	WO-005-004-00-51	WO-005-004-00-52	WO-005-004-06-51	WO-005-004-12-51	WO-005-004-24-51	WO-005-005-00-51	WO-005-005-06-51	WO-005-005-12-51	WO-005-006-00-51	WO-005-006-06-51	WO-005-006-12-51	WO-005-006-24-51	WO-006-001-00-51	WO-006-001-06-51.R	WO-006-001-06-51	WO-006-001-12-51.R	WO-006-001-12-51
						Date	5/21/2015	5/20/2015	5/21/2015	5/21/2015	5/21/2015	5/20/2015	5/20/2015	5/21/2015	5/21/2015	5/21/2015	5/20/2015	5/21/2015	5/21/2015	5/20/2015	5/21/2015	5/21/2015	5/21/2015	5/18/2015	5/22/2015	5/19/2015	5/22/2015	5/19/2015
Metals																													
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**15800**	**3030**	**4990**	**15600**	**8310**	**1840**	**1800**	**2430**	**5040**	**10600**	**2510**	**9270**	**15700**	**2920**	**21000**	**13600**	**13400**	**1960**	NA	**2310**	NA	**6280**
Antimony	7440-36-0	mg/kg	31	470	31	--	1.1 UJ	0.5 UJ, L	0.6 UJ	1.1 UJ	0.5 UJ	0.5 UJ	0.6 UJ	1.1 UJ	0.5 UJ	1.2 UJ	0.6 UJ	1.1 UJ	1.1 UJ	0.5 UJ, L	1.2 UJ	1.2 UJ	1.1 UJ	0.5 UJ	NA	0.5 UJ	NA	0.5 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**3.4**	**4.5**	**2.1**	**3.9**	**3.3**	**1.5**	**0.9**	**1.5**	**2.6**	**3.1**	**1.5**	**4.3**	**4.3**	**1.7**	**5**	**6.3**	**4.1**	**1.2**	NA	**1.3**	NA	**1.3**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**82.9**	**26.9**	**32.6**	**49.3**	**31.1**	**26.6**	**30.6**	**32.4**	**43.7**	**91.6**	**27.2**	**46.7**	**62.2**	**25.1**	**58.2**	**52.6**	**53.2**	**25.3**	NA	**26.4**	NA	**50.8**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	**0.7**	0.5 UJ	0.6 UJ	**0.58**	0.5 UJ	0.5 UJ	0.6 UJ	0.57 UJ	0.5 UJ	**0.64**	0.6 UJ	0.57 UJ	**0.61**	0.5 UJ	**0.7**	**0.74**	**0.61**	0.5 UJ	NA	0.5 UJ	NA	0.5 UJ
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.55 U	0.5 U	0.6 U	0.55 U	0.5 U	0.5 U	0.6 U	0.57 U	0.5 U	0.58 U	0.6 U	0.57 U	0.56 U	0.5 U	0.59 U	0.58 U	0.56 U	0.5 U	NA	0.5 U	NA	0.5 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**694**	**6130 J**	**1050**	**804**	**483**	**755**	**1080**	**753**	**535**	**594**	**4700**	**5800**	**1780**	**527**	**553 J**	**789**	**538**	**481**	NA	**355**	NA	**601**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**18.3**	**4.4**	**6.6**	**17.4**	**9.4**	**4.8**	**3.2**	**6.5**	**9**	**15.5**	**4.6**	**12.9**	**21.5**	**5.6**	**23.1**	**36.7**	**16.4**	**4.8**	NA	**5.6**	NA	**6.1**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**4**	**2.5**	**2.5**	**3.3**	**2.4**	**2.5**	2.2 U	**2.5**	**4.1**	**8**	2.2 U	**3.1**	**3.4**	**2.7**	**5.5**	**5.3**	**6.4**	**2.3**	NA	**2.2**	NA	**2.6**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**6.6**	**4.7**	**3.8**	**6.3**	**3.6**	**2.4**	**3**	**3.1**	**3.6**	**7.2**	**4**	**23.2**	**10.4**	**3.2**	**9.7**	**9.8**	**8.8**	2 U	NA	**2.1**	NA	**3**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**12500**	**6030**	**7850**	**14700**	**13400**	**4310**	**4080**	**4590**	**9010**	**13400**	**5060**	**12700**	**23500**	**5330**	**24300**	**17200**	**21900**	**4450**	NA	**4770**	NA	**7520**
Lead	7439-92-1	mg/kg	400	800	400	--	**7.2**	**11 J**	**5.8**	**7.3**	**5.3**	**6.8**	**11**	**7**	**6.6**	**6.8**	**16.2**	**14**	**7.6**	**10.8**	**6.4**	**8**	**5.8**	**6.5**	NA	**6**	NA	**4.7**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**1360**	**2980**	**523**	**1230**	**633**	**255**	**345**	**428 U**	**509**	**1020**	**1700**	**1550**	**1140**	**303**	**1500**	**1090**	**977**	**234**	NA	**228**	NA	**548**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**50**	**225 J**	**93.2**	**50.5**	**22.2**	**170**	**162**	**150**	**181**	**326**	**194**	**108**	**44.9**	**130 J**	**49.7**	**119**	**124**	**157**	NA	**145**	NA	**47.1**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	**0.013 U**	0.071 U	0.074 U	**0.011 U**	0.067 U	0.078 U	0.066 U	**0.0087 U**	0.071 U	**0.013 U**	0.067 U	**0.016 U**	**0.014 U**	0.077 U	**0.015 U**	**0.015 U**	**0.019 U**	0.078 U	NA	0.07 U	NA	0.075 U
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**8.6**	**3.8**	**3.4**	**8.7**	**4.2**	2.1 U	2.2 U	**3**	**3.2**	**9.1**	**2.4**	**12.5**	**6.9**	2.2 U	**11.7**	**9.3**	**8.8**	2 U	NA	2.1 U	NA	**3.6**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**1120**	**483**	**414**	**1120**	**515**	**289**	**355**	**428 U**	**507**	**811**	**345**	**895**	**1170**	**362**	**1440**	**1030**	**908**	**257**	NA	**255**	NA	**385**
Selenium	7782-49-2	mg/kg	390	5800	390	--	**0.39 U**	**1.6**	1.1 U	**0.34 U**	1.1 U	1.1 U	1.1 U	2.8 U	1 U	2.9 U	1.1 U	2.8 U	**0.35 U**	1.1 U	**0.59 U**	**0.65 U**	**0.41 U**	1 U	NA	1 U	NA	1.1 U
Silver	7440-22-4	mg/kg	390	5800	390	--	0.55 U	1.1 U	1.1 U	0.55 U	1.1 U	1.1 U	1.1 U	0.57 U	1 U	0.58 U	1.1 U	0.57 U	0.56 U	1.1 U	0.59 U	0.58 U	0.56 U	1 U	NA	1 U	NA	1.1 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	582 U	54 U	55.2 U	555 U	53.4 U	53.5 U	55.8 U	428 U	50.6 U	519 U	55.1 U	479 U	475 U	53.9 U	553 U	522 U	394 U	50.9 U	NA	51.5 U	NA	54 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.55 U	0.5 U	0.6 U	0.55 U	0.5 U	0.5 U	0.6 U	0.57 U	0.5 U	0.58 U	0.6 U	0.57 U	0.56 U	0.5 U	0.59 U	0.58 U	0.56 U	0.5 U	NA	0.5 U	NA	0.5 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**34.6**	**9.1**	**12.3**	**32.9**	**20.3**	**8**	**5.1**	**10.4**	**15.7**	**31.7**	**8.2**	**18**	**36.2**	**9.3**	**46.8**	**41.5**	**32.8**	**6.8**	NA	**7.8**	NA	**12.9**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**18**	**17.7**	**8.9**	**16.4**	**6.7**	**11.8**	**14.6**	**14.1**	**6.7**	**15.5**	**20.2**	**28.3**	**14.5**	**12.3**	**19.3**	**14.2**	**12.4**	**11.6**	NA	**7.6**	NA	**5.8**
PCB																													
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0223 U	NA	0.0221 U	NA	0.0227 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0446 U	NA	0.0443 U	NA	0.0454 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0223 U	NA	0.0221 U	NA	0.0227 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0223 U	NA	0.0221 U	NA	0.0227 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0223 U	NA	0.0221 U	NA	0.0227 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0223 U	NA	0.0221 U	NA	0.0227 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	0.0223 U	NA	0.0221 U	NA	0.0227 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	NA	NA	NA	NA	NA
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.038 U	0.039 U	0.037 U	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.038 U	0.038 U	0.044 U	0.039 U	0.037 U	0.04 U	0.039 U	0.037 U	0.038 U	NA	NA	NA	NA	NA
Pesticides																													
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**0.00025 U**	**0.0012 U**	**0.0004 U**	0.0037 U	0.0037 U	0.0038 U	**0.00053 U**	**0.00019 U**	**0.00044 U**	0.0038 U	**0.00068 U**	**0.0003 U**	**0.00016 U**	**0.00062 U**	**0.00011 U**	**0.00017 U**	0.0038 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	0.0038 U	0.0039 U	**0.00028 U**	**0.00032 U**	**0.00018 U**	0.0038 U	0.0038 U	**0.000075 U**	**0.00012 U**	**0.000065 U**	**0.012**	**0.015**	**0.0065**	0.004 U	**0.00012 U**	0.0037 U	0.0038 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	**0.00019 U**	**0.00052 U**	**0.00076 U**	**0.00069 U**	0.0037 U	**0.00044 U**	**0.00058 U**	**0.00045 U**	**0.00026 U**	**0.00022 U**	**0.0011**	**0.0021 U**	**0.00097 U**	0.0019 U	**0.00019 U**	**0.00022 U**	0.0037 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 U	NA	0.19 UJ	NA	0.19 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.002 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	**0.00033 U**	0.002 U	0.0019 U	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.002 U	0.002 U	**0.000044 U**	**0.000047 U**	**0.000032 U**	**0.000015 U**	**0.000037 U**	**0.000015 U**	**0.000019 U**	0.002 U	**0.000032 U**	0.002 U	0.0021 U	**0.000037 U**	**0.000036 U**	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.002 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0023 U	0.002 U	0.0019 U	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.19 U	0.2 U	0.19 U	0.19 U	**0.016 UJ**	0.19 U	0.2 U	0.19 U	0.19 U	**0.018 UJ**	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.002 U	**0.00072 U**	0.0019 U	0.0019 U	0.0019 U	**0.00023 U**	**0.00052 U**	0.0019 U	0.0019 U	0.002 U	**0.00058 U**	0.002 U	**0.00016 U**	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.002 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0023 U	0.002 U	0.0019 U	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	**0.00026 U**	0.0039 U	0.0037 U	**0.00035 U**	0.0037 U	0.0038 U	0.0038 U	**0.00035 U**	**0.00031 U**	**0.00026 U**	0.0044 U	**0.00027 U**	**0.00035 U**	0.004 U	**0.00032 U**	**0.0003 U**	**0.00028 U**	0.00112 U	NA	0.00111 U	NA	0.00113 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.002 U	0.002 U	0.0019 U	0.0019 U	0.0019 U	**0.00012 U**	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0023 U	0.002 U	0.0019 U	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	0.0038 U	**0.0031 U**	0.0037 U	**0.000037 U**	0.0037 U	0.0038 U	**0.0017 U**	**0.0011 U**	**0.0002 U**	**0.00069 U**	**0.00031 U**	**0.0016 U**	**0.0012 U**	**0.00088 U**	**0.0003 U**	**0.000048 U**	**0.00063 U**	0.00112 U	NA	0.00111 U	NA	0.00113 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.0038 U	**0.0001 U**	0.0037 U	**0.00012 U**	0.0037 U	**0.00036 U**	**0.0007 U**	**0.00028 U**	0.0038 U	**0.00015 U**	0.0044 U	**0.0002 U**	0.0037 U	0.004 U	**0.00061 U**	**0.00012 U**	**0.00052 U**	0.00112 U	NA	0.00111 U	NA	0.00113 U
Endrin	72-20-8	mg/kg	19	250	18	--	0.0038 U	**0.0014 U**	0.0037 U	0.0037 U	**0.00089 U**	0.0038 U	0.0038 U	0.0037 U	0.0038 U	**0.00054 U**	0.0044 U	0.0039 U	0.0037 U	**0.001 U**	**0.00011 U**	0.0037 U	0.0038 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.0038 U	0.0039 U	0.0037 U	0.0037 U	0.0037 U	0.0038 U	0.0038 U	0.0037 U	0.0038 U	0.0038 U	0.0044 U	0.0039 U	0.0037 U	0.004 U	0.0039 U	0.0037 U	0.0038 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.0038 U	**0.00018 U**	0.0037 U	0.0037 U	0.0037 U	**0.00027 U**	**0.00027 U**	0.0037 U	0.0038 U	0.0038 U	**0.000068 U**	0.0039 U	0.0037 U	**0.00028 U**	0.0039 U	0.0037 U	0.0038 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	0.002 U	**0.00025 U**	**0.000053 U**	**0.000012 U**	0.0019 U	**0.0002 U**	**0.00023 U**	**0.000073 U**	0.002 U	**0.00026 U**	**0.000058 U**	0.002 U	0.0019 U	**0.00058 U**	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	**0.00019 U**	**0.00019 U**	0.0019 U	**0.00016 U**	0.0019 U	**0.000099 U**	**0.00026 U**	**0.00013 U**	**0.00012 U**	**0.00014 U**	**0.00013 U**	**0.00012 U**	**0.00012 U**	**0.00011 U**	**0.00013 U**	**0.00015 U**	**0.00012 U**	0.00112 U	NA	0.00111 U	NA	0.00113 U
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.002 U	**0.00011 U**	0.0019 U	0.0019 U	0.0019 U	**0.00028 U**	0.002 U	0.0019 U	0.0019 U	0.002 U	**0.00048 U**	0.002 U	0.0019 U	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.002 U	0.002 U	**0.00018 U**	0.0019 U	**0.00028 U**	0.002 U	0.002 U	0.0019 U	0.0019 U	0.002 U	0.0023 U	0.002 U	0.0019 U	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	0.02 U	**0.0016 U**	0.019 U	0.019 U	0.019 U	**0.0014 U**	**0.0011 U**	0.019 U	0.019 U	0.02 U	**0.0017 U**	0.02 U	0.019 U	**0.0013 U**	0.02 U	0.019 U	0.019 U	0.00112 U	NA	0.00111 U	NA	0.00113 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.2 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.23 U	0.2 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.0335 U	NA	0.0332 U	NA	0.034 U
SVOA																													
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.12 U	0.12 UJV	0.1 UJV	0.098 UJV	0.099 UJV	0.13 UJV	0.18 UJV	0.1 UJV	0.11 UJV	0.096 UJV	0.12 UJV	0.11 UJV	0.11 UJV	0.12 UJV	0.11 UJV	0.15 UJV	0.094 UJV	NA	0.12 UJV	NA	0.082 UJV	NA
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.38 U	0.39 U	0.38 U	0.37 U	0.37 U	0.39 U	0.38 U	0.37 U	0.38 U	0.39 U	0.43 U	0.77 U	0.38 U	0.4 U	0.39 U	0.37 U	0.37 U	0.37 UJ	NA	0.37 UJ	NA	0.38 U
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	NA	**NA**	NA	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.38 U	0.39 U	0.38 U	0.37 U	0.37 U	0.39 U	0.38 U	0.37 U	0.38 U	0.39 U	0.43 U	0.77 U	0.38 U	0.4 U	0.39 U	0.37 U	0.37 U	0.37 UJ	NA	0.37 UJ	NA	0.38 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.22 U	0.4 U	0.19 U	0.21 U	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
3,3'-dichlorobenzidine	91-94-1	mg/kg	1.2	5.1	120	--	0.19 U	0.2 UR	0.19 U	0.19 U	0.19 U	0.2 UR	0.2 UR	0.19 U	0.19 U	0.2 UR	0.22 UR	0.4 UR	0.19 U	0.21 UR	0.2 U	0.19 U	0.19 U	0.19 UJ	NA	0.19 UJ	NA	0.19 U
3-Nitroaniline	99-09-2	mg/kg	NP	NP	NP	--	0.38 U	0.39 U	0.38 U	0.37 U	0.37 U	0.39 U	0.38 U	0.37 U	0.38 U	0.39 U	0.43 U	0.77 U	0.38 U	0.4 U	0.39 U	0.37 U	0.37 U	0.37 UJ	NA	0.37

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-005-002-24-S2 5/21/2015	WO-005-003-00-S1 5/20/2015	WO-005-003-06-S1 5/21/2015	WO-005-003-12-S1 5/21/2015	WO-005-003-24-S1 5/21/2015	WO-005-004-00-S1 5/20/2015	WO-005-004-00-S2 5/20/2015	WO-005-004-06-S1 5/21/2015	WO-005-004-12-S1 5/21/2015	WO-005-004-24-S1 5/21/2015	WO-005-005-00-S1 5/20/2015	WO-005-005-06-S1 5/21/2015	WO-005-005-12-S1 5/21/2015	WO-005-006-00-S1 5/20/2015	WO-005-006-06-S1 5/21/2015	WO-005-006-12-S1 5/21/2015	WO-005-006-24-S1 5/21/2015	WO-006-001-00-S1 5/18/2015	WO-006-001-06-S1.R 5/22/2015	WO-006-001-06-S1 5/19/2015	WO-006-001-12-S1.R 5/22/2015	WO-006-001-12-S1 5/19/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	0.0038 U	**0.0074 J**	**0.0024 LJ**	**0.0013 LJ**	0.0037 U	**0.0071 J**	**0.0053 J**	**0.0037 LJ**	**0.0017 LJ**	0.0039 U	**0.0088 J**	**0.014 J**	**0.0021 LJ**	**0.024**	**0.002 LJ**	**0.00096 LJ**	0.0037 U	**0.04 J**	NA	**0.19**	NA	**0.0024 LJ**
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	0.0038 U	**0.0013 LJ**	**0.0017 LJ**	**0.0011 LJ**	0.0037 U	**0.0015 LJ**	0.0038 UJ	**0.0025 LJ**	**0.00092 LJ**	0.0039 U	**0.0015 LJ**	**0.0094 J**	**0.0019 LJ**	**0.0051 LJ**	**0.00098 LJ**	0.0037 U	0.0037 U	**0.014 J**	NA	**0.063**	NA	**0.00087 LJ**
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	0.0038 U	**0.002 LJ**	0.0038 U	0.0037 U	0.0037 U	**0.0015 LJ**	**0.0015 LJ**	**0.0012 LJ**	0.0038 U	0.0039 U	**0.0028 LJ**	**0.0037 LJ**	0.0038 UJ	**0.0046 LJ**	0.0039 U	0.0037 U	0.0037 U	**0.014 J**	NA	**0.063**	NA	**0.00087 LJ**
Chrysene	218-01-9	mg/kg	16	290	1500	--	0.0038 U	**0.0065 J**	**0.0022 LJ**	**0.0013 LJ**	0.0037 U	**0.012 J**	**0.0044 J**	**0.0036 LJ**	**0.0015 LJ**	0.0039 U	**0.0083 J**	**0.012 J**	**0.0027 LJ**	**0.066**	**0.0022 LJ**	**0.0011 LJ**	0.0037 U	**0.04 J**	NA	**0.15**	NA	**0.0022 LJ**
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	0.0038 U	**0.0011 LJ**	0.0038 U	0.0037 U	0.0037 U	**0.0019 LJ**	**0.00078 LJ**	0.0037 U	0.0038 U	0.0039 U	**0.0014 LJ**	**0.0019 LJ**	0.0038 UJ	**0.0066 LJ**	0.0039 U	0.0037 U	0.0037 U	**0.006 LJ**	NA	**0.024 LJ**	NA	0.0038 U
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	0.0038 U	**0.0071 J**	**0.0024 LJ**	**0.0013 LJ**	0.0037 U	**0.0044 J**	**0.0045 J**	**0.0034 LJ**	**0.0013 LJ**	0.0039 U	**0.0084 J**	**0.015 J**	**0.0019 LJ**	**0.02**	**0.0018 LJ**	**0.00087 LJ**	0.0037 U	**0.034 J**	NA	**0.17**	NA	**0.0022 LJ**
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.0038 U	0.0039 UJ	0.0038 U	0.0037 U	0.0037 U	0.0039 UJ	0.0038 UJ	0.0037 U	0.0038 U	0.0039 U	0.0043 UJ	0.0039 UJ	0.0038 UJ	0.02 U	0.0039 U	0.0037 U	0.0037 U	0.0074 UJ	NA	0.037 U	NA	0.0038 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	0.0038 U	**0.0046 J**	**0.0015 LJ**	0.0037 U	0.0037 U	**0.0047 J**	**0.0034 LJ**	**0.0022 LJ**	**0.0011 LJ**	0.0039 U	**0.0054 J**	**0.007 J**	**0.0013 LJ**	**0.014 LJ**	**0.0013 LJ**	0.0037 U	0.0037 U	**0.026 J**	NA	0.11	NA	**0.0015 LJ**
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	**0.0016 LJ**	0.0039 UJ	0.0038 U	**0.0018 LJ**	0.0037 U	0.0039 UJ	**0.00078 LJ**	**0.002 LJ**	**0.0017 LJ**	**0.0018 LJ**	**0.001 LJ**	**0.0022 LJ**	**0.0021 LJ**	0.02 U	**0.0026 LJ**	**0.0019 LJ**	**0.0017 LJ**	0.0074 UJ	NA	0.037 U	NA	0.0038 U
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.0077 U	**NA**	0.0076 U	0.0075 U	0.0075 U	**NA**	**NA**	0.0076 U	0.0076 U	0.0078 U	**NA**	0.0079 UJ	0.0076 UJ	0.041 U	0.0078 U	0.0076 U	0.0076 U	0.015 UJ	NA	**NA**	NA	0.0077 U
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	0.0038 U	**0.0047 J**	**0.0013 LJ**	**0.0013 LJ**	0.0037 U	**0.0026 LJ**	**0.002 LJ**	**0.0024 LJ**	**0.00095 LJ**	**0.00081 LJ**	**0.0046 J**	**0.0071 J**	**0.0024 LJ**	**0.074**	**0.0024 LJ**	**0.0013 LJ**	**0.001 LJ**	**0.016 J**	NA	**0.016 LJ**	NA	0.0038 U
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	0.0038 U	**0.0094 J**	**0.0025 LJ**	**0.0014 LJ**	0.0037 U	**0.0058 J**	**0.0049 J**	**0.0041**	**0.0015 LJ**	0.0039 U	**0.0093 J**	**0.014 J**	**0.003 LJ**	**0.064**	**0.003 LJ**	**0.0012 LJ**	0.0037 U	**0.044 J**	NA	**0.17**	NA	**0.0037 LJ**
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	**NA**	0.0061 U	NA	0.0041 U	NA
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.012 U	0.012 U	**0.0028 LJ**	**0.0041 LJ**	**0.0066 LJ**	0.013 U	0.018 U	0.01 U	0.011 U	0.0096 U	0.012 U	0.011 U	**0.034**	**0.0071 LJ**	0.011 U	0.015 U	0.0094 U	0.0043 U	0.012 U	NA	0.0082 U	NA
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.012 U	0.012 U	0.01 U	0.0098 U	0.0099 U	0.013 U	0.018 U	0.01 U	0.011 U	0.0096 U	0.012 U	0.011 U	0.011 U	0.012 U	0.011 U	0.015 U	0.0094 U	0.0043 U	0.012 U	NA	0.0082 U	NA
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.012 U	0.012 U	0.01 U	0.0098 U	0.0099 U	0.013 U	0.018 U	0.01 U	0.011 U	0.0096 U	0.012 U	0.011 U	0.011 U	0.012 U	0.011 U	0.015 U	0.0094 U	0.0043 U	0.012 U	NA	0.0082 U	NA
Acetone	67-64-1	mg/kg	61000	670000	61000	--	**0.0028 LJ**	0.012 U	0.01 UM	**0.015**	0.0099 UM	0.013 U	**0.0081 LJ**	**0.0056 LJ**	**0.03**	**0.014**	0.012 U	**0.027**	**0.11**	**0.0097 LJ**	0.011 U	0.015 U	**0.0076 LJ**	0.0087 U	**0.057**	NA	**0.021**	NA
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	**NA**	0.0061 U	NA	0.0041 U	NA
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 UR	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	**0.00052 LJ**	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	**0.0004 LJ**	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	**0.0055 U**	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	**0.00093 LJ**	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0087 U	0.0061 U	NA	0.0041 U	NA
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0058 U	**0.00032 LJ**	0.005 U	0.0049 U	0.0049 U	0.0063 U	**0.00059 LJ**	0.0051 U	0.0053 U	0.0048 U	**0.00032 LJ**	0.0055 U	0.0054 U	**0.00038 LJ**	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
o-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	**0.00063 LJ**	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Toluene	108-88-3	mg/kg	4900	47000	4900	--	**0.00089 LJ**	**0.00085 LJ**	**0.0012 LJ**	**0.00087 LJ**	**0.001 LJ**	**0.00065 LJ**	**0.012**	**0.0022 LJ**	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	**0.00062 LJ**	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 U	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0058 U	0.006 U	0.005 U	0.0049 U	0.0049 U	0.0063 U	0.0088 U	0.0051 U	0.0053 U	0.0048 U	0.0062 U	0.0055 U	0.0054 U	0.0061 Uiv	0.0056 U	0.0073 U	0.0047 U	0.0043 U	0.0061 U	NA	0.0041 U	NA

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-006-001-24-51.R	WO-006-001-24-51	WO-006-002-00-51	WO-006-002-06-51.R	WO-006-002-06-51	WO-006-002-12-51.R	WO-006-002-12-51	WO-006-002-24-51	WO-006-003-00-51	WO-006-003-06-51	WO-006-003-12-51	WO-006-003-24-51	WO-006-003-24-52	WO-006-004-00-51	WO-006-004-00-52	WO-006-004-06-51	WO-006-004-12-51	WO-006-004-24-51	WO-006-005-00-51	WO-006-005-06-51	WO-006-005-12-51	WO-006-005-24-51
						Date	5/22/2015	5/19/2015	5/18/2015	5/22/2015	5/19/2015	5/22/2015	5/19/2015	5/19/2015	5/18/2015	5/19/2015	5/19/2015	5/19/2015	5/19/2015	5/18/2015	5/18/2015	5/19/2015	5/19/2015	5/19/2015	5/18/2015	5/19/2015	5/19/2015	5/19/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	NA	6090	1830	NA	1660	NA	4040	5230	3250	3980	4430	4240	4580	2620	2400	2460	2670	2090	2330	3920	5220	6180
Antimony	7440-36-0	mg/kg	31	470	31	--	NA	0.5 UL U	0.5 U	NA	0.5 U	NA	0.5 U	0.5 U	0.6 UL U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 UL U	0.5 U
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	NA	1.5	1.6	NA	1.5	NA	1.3	3	3.3	3.4	1.9	2	2.7	1.5	0.5 UJ	1.5	1.6	1	3.1	2.6	3.6	3.2
Barium	7440-39-3	mg/kg	15000	220000	15000	--	NA	40.9	29.4	NA	16.8	NA	26.3	31.1	32	34.6	24	21.3	24.3	28.6	27.4	22.6	25.8	19.7	32	25.4	21.6	19.4
Beryllium	7440-41-7	mg/kg	160	2300	160	--	NA	0.5 U	0.5 U	NA	0.5 U	NA	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	NA	0.5 U	0.5 U	NA	0.5 U	NA	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	NA	427	994	NA	268	371	701	483	383	355	418	790	587	395	351	270	6620	650	240	253	253
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	NA	6.1	3.9	NA	4.4	NA	5.9	8.4	7.9	8.4	5.4	5.7	5.6	4.1	4.4	5.3	4.5	3.7	4	8.4	6.9	6.7
Cobalt	7440-48-4	mg/kg	23	350	23	--	NA	3.1	2.1 U	NA	2 U	NA	2.1 U	2.4	4.6	4.4	2.1 U	2.3	2.2	2.6	2.6	2.3	2.1 U	2.2 U	4	4.5	3.4	2 U
Copper	7440-50-8	mg/kg	3100	47000	3100	--	NA	3.6	2.3	NA	2.8	2.7	9.6 J	11.6	4.1	4.9	5.3	3.4	3.5	3.3	4.4	4.2	5.2	5.5	5.7	6.1	5.7	6.1
Iron	7439-89-6	mg/kg	55000	820000	55000	--	NA	7760	4300	NA	3890	NA	6090	10200	29200	30900	7130	7000	9290	5400	12100	5090	4220	4010	11200	9250	13700	11700
Lead	7439-92-1	mg/kg	400	800	400	--	NA	4.1	10.4	NA	4.8	NA	4	3.2	15 J	14.3	5.4	9.1	32	8.7	12.2 J	8.7	15.7	3.2	16.4	11.5	57.1 J	43.5
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	NA	516	445	NA	189	NA	307	512	343	323	301	293	311	349	274	258	220	172	3140	405	329	381
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	NA	48.5 J	203	NA	63.7	NA	56.6	25.8	326	184	35.6	49.2	50.2	166	141 J	131	57.4	84.2	670	192	97.2 J	24
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	NA	0.069 U	0.072 U	NA	0.068 U	NA	0.071 U	0.066 U	0.066 U	0.071 U	0.068 U	0.065 U	0.064 U	0.076 U	0.075 U	0.074 U	0.066 U	0.061 U	0.064 U	0.072 U	0.075 U	0.076 U
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	NA	3.7	2.3	NA	2 U	NA	3.1	5.5	5.7	6.8	2.5	2.4	2.7	2.5	2.5	2.1	2.3	2.2 U	4.1	3	3.6	2.9
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	NA	370	294	NA	186	NA	283	387	431	339	311	351	332	380	303	268	285	241	291	299	311	382
Selenium	7782-49-2	mg/kg	390	5800	390	--	NA	1.1 U	1.1 U	NA	1 U	NA	1.1 U	1.1 U	1.2 UJ, U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1 UJ, U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U
Silver	7440-22-4	mg/kg	390	5800	390	--	NA	1.1 UL U	1.1 U	NA	1 U	NA	1.1 U	1.1 U	1.2 UL U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1 UL U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 UL U	1 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	NA	52.9 U	53.6 U	NA	50 U	NA	53.1 U	54.8 U	59.6 U	54.7 U	78	57.3	60.5	53.3 U	52 U	49.9 U	254	90.8	55.4 U	53.8 U	51.5 U	51.1 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	NA	0.5 U	0.5 U	NA	0.5 U	NA	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	NA	12.5	6.4	NA	7	NA	9.9	13.9	8	10.5	10	11.1	10.8	7.2	7.3	7.5	8.6	5.6	7.4	12.5	12.8	13.7
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	NA	5	19.7	NA	6.6	NA	4.6	4.7	40.5 J	18.3	8.1	10	7.6	16.3	14.9	11.7	23.8	5	78.8	15.4	17.3	14.4
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	NA	0.0224 U	0.0232 U	NA	0.0221 U	NA	0.0227 U	0.0237 U	0.0254 U	0.0231 U	0.0223 U	0.0221 U	0.0224 U	0.0232 U	0.023 U	0.0224 U	0.0461 U	0.0482 U	0.0248 U	0.0231 U	0.0222 U	0.0219 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	NA	0.0448 U	0.0463 U	NA	0.0442 U	NA	0.0455 U	0.0474 U	0.0508 U	0.0461 U	0.0446 U	0.0442 U	0.0447 U	0.0465 U	0.046 U	0.0448 U	0.0921 U	0.0963 U	0.0496 U	0.0463 U	0.0444 U	0.0438 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	NA	0.0224 U	0.0232 U	NA	0.0221 U	NA	0.0227 U	0.0237 U	0.0254 U	0.0231 U	0.0223 U	0.0221 U	0.0224 U	0.0232 U	0.023 U	0.0224 U	0.0461 U	0.0482 U	0.0248 U	0.0231 U	0.0222 U	0.0219 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	NA	0.0224 U	0.0232 U	NA	0.0221 U	NA	0.0227 U	0.0237 U	0.0254 U	0.0231 U	0.0223 U	0.0221 U	0.0224 U	0.0232 U	0.023 U	0.0224 U	0.0461 U	0.0482 U	0.0248 U	0.0231 U	0.0222 U	0.0219 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	NA	0.0224 U	0.0232 U	NA	0.0221 U	NA	0.0227 U	0.0237 U	0.0254 U	0.0231 U	0.0223 U	0.0221 U	0.0224 U	0.0232 U	0.023 U	0.0224 U	0.0461 U	0.0482 U	0.0248 U	0.0231 U	0.0222 U	0.0219 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	NA	0.0224 U	0.0232 U	NA	0.0221 U	NA	0.0227 U	0.0237 U	0.0254 U	0.0231 U	0.0223 U	0.0221 U	0.0224 U	0.0232 U	0.023 U	0.0224 U	0.0461 U	0.0482 U	0.0248 U	0.0231 U	0.0222 U	0.0219 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	NA	0.0224 U	0.0232 U	NA	0.0221 U	NA	0.0227 U	0.0237 U	0.0254 U	0.0231 U	0.0223 U	0.0221 U	0.0224 U	0.0232 U	0.023 U	0.0224 U	0.0461 U	0.0482 U	0.0248 U	0.0231 U	0.0222 U	0.0219 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.052 U	0.35 U	0.044 U	0.2 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00289 RL	0.00111 U	0.00109 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00173 RL	0.00111 U	0.00109 U
Endrin	72-20-8	mg/kg	19	250	18	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00347 RL	0.00111 U	0.00109 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00231 RL	0.00111 U	0.00109 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00166 RL	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.00461 RL	0.00241 U	0.00124 U	0.00173 RL	0.00111 U	0.00109 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00127 U	0.00115 U	0.00112 U	0.00111 U	0.00112 U	0.00116 U	0.00115 U	0.00112 U	0.0023 U	0.00241 U	0.00124 U	0.00116 U	0.00111 U	0.00109 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	NA	0.00112 U	0.00116 U	NA	0.00111 U	NA	0.00114 U	0.00118 U	0.00254 RL	0.00231 RL	0.00167 RL	0.00332 RL	0.0028 RL	0.00116 U	0.00115 U	0.00112 U	0.00691 RL	0.00361 RL	0.00248 RL	0.00578 RL	0.00166 RL	0.00109 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	NA	0.0336 U	0.0348 U	NA	0.0332 U	NA	0.0341 U	0.0355 U	0.0381 U	0.0346 U	0.0335 U	0.0332 U	0.0336 U	0.0349 U	0.0345 U	0.0336 U	0.0691 U	0.0723 U	0.0372 U	0.0347 U	0.0333 U	0.0328 U
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0055 U	NA	0.0047 U	0.0048 UR	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 UR	0.0057 UR	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.11 UJv	NA	NA	0.097 UJv	NA	0.093 UJv	NA	0.092 U	NA	0.085 U	0.084 U	0.091 U	0.094 U	NA	NA	0.099 U	0.16 U	0.11 U	NA	0.099 U	0.1 U	0.11 U
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	NA	0.38 U	0.41 U	NA	0.39 U	NA	0.41 U	0.38 U	0.4 U	0.38 U	0.75 U	0.78 U	0.38 U	0.41 U	0.4 U	0.38 U	7.4 U	7.6 U	0.38 U	1.5 U	0.37 U	0.38 U
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	NA	0.38 U	0.41 U	NA	0.39 U	NA	0.41 U	0.38 U	0.4 U	0.38 U	0.73 U	0.75 U	0.38 U	0.41 U	0.4 U	0.38 U	7.4 U	7.6 U	0.38 U	1.5 U	0.37 U	0.38 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	1.2	5.1	120	--	NA	0.2 U	0.21 UR	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 UR	0.79 U	0.19 U	0.2 UR
3-Nitroaniline	99-09-2	mg/kg	NP	NP	NP	--	NA	0.38 U	0.41 U	NA	0.39 U	NA	0.41 U	0.38 U	0.4 U	0.38 U	0.73 U	0.75 U	0.38 U	0.41 U	0.4 U	0.38 U	7.4 U	7.6 U	0.38 U	1.5 U	0.37 U	0.38 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1	66	4.9	--	NA	0.38 U	0.41 U	NA	0.39 U	NA	0.41 U	0.38 U	0.4 U	0.38 U	0.73 U	0.75 U	0.38 U	0.41 U	0.4 U	0.38 U	7.4 U	7.6 U	0.38 U	1.5 U	0.37 U	0.38 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP	NP	NP	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	6300	82000	6200	--	NA	0.2 U	0.21 U	NA	0.2 U	NA	0.21 U	0.2 U	0.2 U	0.19 U	0.38 U	0.39 U	0.2 U	0.21 U	0.21 U	0.19 U	3.8 U	3.9 U	0.2 U	0.79 U	0.19 U	0.2 U
4-Chloroaniline	106-47-8	mg/kg	2.7	11	250	--

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-006-001-24-51.R 5/22/2015	WO-006-001-24-51 5/19/2015	WO-006-002-00-51 5/18/2015	WO-006-002-06-51.R 5/22/2015	WO-006-002-06-51 5/19/2015	WO-006-002-12-51.R 5/22/2015	WO-006-002-12-51 5/19/2015	WO-006-002-24-51 5/19/2015	WO-006-003-00-51 5/18/2015	WO-006-003-06-51 5/19/2015	WO-006-003-12-51 5/19/2015	WO-006-003-24-51 5/19/2015	WO-006-003-24-52 5/19/2015	WO-006-004-00-51 5/18/2015	WO-006-004-00-52 5/18/2015	WO-006-004-06-51 5/19/2015	WO-006-004-12-51 5/19/2015	WO-006-004-24-51 5/19/2015	WO-006-005-00-51 5/18/2015	WO-006-005-06-51 5/19/2015	WO-006-005-12-51 5/19/2015	WO-006-005-24-51 5/19/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	NA	0.0038 U	0.15	NA	0.031 J	NA	0.0068	0.0038 U	0.27	0.19	0.017 J	0.021 J	0.039 J	0.11 J	0.08 J	0.18	0.31	0.24	0.2	0.95	0.14	0.012 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	NA	0.0038 U	0.038 LJ	NA	0.011 J	NA	0.0021 LJ	0.0038 U	0.085	0.048	0.0053 LJ	0.0056 LJ	0.0097 J	0.04 J	0.031 J	0.045	0.13 LJ	0.098 LJ	0.15	0.96	0.077 LJ	0.0046 J
Benzo(j,k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	NA	0.0038 U	0.044	NA	0.0087 J	NA	0.0022 LJ	0.0038 U	0.094	0.064	0.0036 LJ	0.0051 LJ	0.011 J	0.029 J	0.024 J	0.054	0.095 LJ	0.072 LJ	0.037 LJ	0.16 LJ	0.11 LJ	0.003 LJ
Chrysene	218-01-9	mg/kg	16	290	1500	--	NA	0.0038 U	0.11	NA	0.036 J	NA	0.0055	0.0038 U	0.21	0.14	0.037 J	0.051 J	0.048 J	0.12 J	0.084 J	0.14	0.63	0.47	0.62	NA	0.54	0.032 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	NA	0.0038 U	0.017 LJ	NA	0.0045 LJ	NA	0.00088 LJ	0.0038 U	0.04	0.03 LJ	0.0041 LJ	0.004 LJ	0.006 LJ	0.016 LJ	0.011 LJ	0.025 LJ	0.051 LJ	0.039 LJ	0.067 LJ	0.44	0.062 LJ	0.0032 LJ
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	NA	0.0038 U	0.08	NA	0.025 J	NA	0.005	0.0038 U	0.21	0.14	0.012 J	0.015 J	0.034 J	0.089 J	0.064 J	0.16	0.28	0.22	0.14	0.82	0.11 LJ	0.01 J
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	NA	0.0038 U	0.041 U	NA	0.0077 UJ	NA	0.0041 U	0.0038 U	0.04 U	0.038 U	0.0073 UJ	0.0075 UJ	0.0076 UJ	0.021 UJ	0.016 UJ	0.038 U	0.12 LJ	0.093 LJ	0.12 U	0.12 LJ	0.11 U	0.0009 LJ
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	NA	0.0038 U	0.08	NA	0.02 J	NA	0.0043	0.0038 U	0.17	0.12	0.018 J	0.02 J	0.029 J	0.075 J	0.053 J	0.12	0.22	0.18	0.13	0.62	0.087 LJ	0.009 J
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	NA	0.001 LJ	0.041 U	NA	0.0077 UJ	NA	0.0041 U	0.0015 LJ	0.04 U	0.038 U	0.0073 UJ	0.0075 UJ	0.0076 UJ	0.021 UJ	0.016 UJ	0.038 U	0.22	0.16	0.12 U	0.12 LJ	0.11 U	0.0019 LJ
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	NA	0.0077 U	0.082 U	NA	NA	NA	0.0082 U	0.0078 U	0.08 U	0.076 U	NA	NA	NA	0.042 UJ	NA	0.076 U	0.3 U	0.31 U	0.23 U	0.39 U	0.23 U	NA
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	NA	0.0038 U	0.018 LJ	NA	0.0042 LJ	NA	0.0041 U	0.0013 LJ	0.021 LJ	0.01 LJ	0.0063 LJ	0.0071 LJ	0.0066 LJ	0.016 LJ	0.012 LJ	0.021 LJ	0.58	0.45	0.78	NA	0.67	0.026 J
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	NA	0.0038 U	0.086	NA	0.025 J	NA	0.0067	0.0038 U	0.23	0.16	0.014 J	0.017 J	0.033 J	0.093 J	0.063 J	0.15	0.37	0.29	0.61	NA	0.49	0.024 J
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0055 U	NA	NA	0.0048 UR	NA	0.0047 U	NA	0.0046 U	NA	0.0043 U	0.0042 U	0.0046 U	0.0047 U	NA	NA	0.005 U	0.008 UR	0.0057 UR	NA	0.0049 U	0.0052 U	0.0057 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0055 U	NA	0.0047 U	0.0048 UR	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 UR	0.0057 UR	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0055 U	NA	0.0047 U	0.0048 UR	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 UR	0.0057 UR	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0055 U	NA	0.0047 U	0.0048 UR	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 UR	0.0057 UR	0.0042 U	0.0049 U	0.0052 U	0.0057 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0055 U	NA	0.0047 U	0.0048 UR	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 UR	0.0057 UR	0.0042 U	0.0049 U	0.0052 U	0.0057 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.011 U	NA	0.0047 U	0.0097 U	NA	0.0093 U	NA	0.0044 LJ	0.0062 B	0.0085 U	0.0084 U	0.01	0.0076 LJ	0.0046 U	0.0047 U	0.0099 U	0.018	0.029	0.0052 B	0.011	0.022	0.0065 LJ
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.011 U	NA	0.0047 U	0.0097 U	NA	0.0093 U	NA	0.0092 U	0.0046 U	0.0085 U	0.0084 U	0.0091 U	0.0094 U	0.0046 U	0.0047 U	0.0099 U	0.016 U	0.011 U	0.0042 U	0.0099 U	0.01 U	0.011 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.011 U	NA	0.0047 U	0.0097 U	NA	0.0093 U	NA	0.0092 U	0.0046 U	0.0085 U	0.0084 U	0.0091 U	0.0094 U	0.0046 U	0.0047 U	0.0099 U	0.016 U	0.011 U	0.0042 U	0.0099 U	0.01 U	0.011 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	0.011 U	NA	0.0094 U	0.0097 U	NA	0.0093 U	NA	0.0052 LJ	0.0302 B, K	0.0085 U	0.0048 LJ	0.012	0.01	0.0092 U	0.0095 B	0.0099 U	0.036	0.06	0.0217 B, K	0.02	0.029	0.013
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0055 U	NA	NA	0.0048 U	NA	0.0047 U	NA	0.0046 U	NA	0.0043 U	0.0042 U	0.0046 U	0.0047 U	NA	NA	0.005 U	0.008 U	0.0057 U	NA	0.0049 U	0.0052 U	0.0057 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0055 U	NA	0.0047 U	0.0048 UR	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 UR	0.0057 UR	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.014 J^	0.0048 LJ	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0055 U	NA	0.0094 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0092 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0092 U	0.0094 U	0.005 U	0.008 U	0.0057 U	0.0083 U	0.0049 U	0.0052 U	0.0057 U
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.016 J^	0.008 J^	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
o-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	0.0055 U	NA	0.0047 U	0.023	NA	0.0047 U	NA	0.00035 LJ	0.0046 U	0.0003 LJ	0.00057 LJ	0.001 LJ	0.00019 LJ	0.0046 U	0.0047 U	0.005 U	0.018	0.024	0.0042 U	0.0011 LJ	0.0028 LJ	0.0012 LJ
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0055 U	NA	0.0047 U	0.0048 U	NA	0.0047 U	NA	0.0046 U	0.0046 U	0.0043 U	0.0042 U	0.0046 U	0.0047 U	0.0046 U	0.0047 U	0.005 U	0.008 U	0.0057 U	0.0042 U	0.0049 U	0.0052 U	0.0057 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-006-005-00-51 5/18/2015	WO-006-006-06-51 5/19/2015	WO-006-006-12-51 5/19/2015	WO-006-006-12-52 5/19/2015	WO-006-006-24-51 5/19/2015	WO-006-007-00-51 5/18/2015	WO-006-007-06-51 5/19/2015	WO-006-007-12-51 5/19/2015	WO-006-007-24-51 5/19/2015	WO-006-008-00-51 5/18/2015	WO-006-008-06-51 5/19/2015	WO-006-008-12-51 5/19/2015	WO-006-008-24-51 5/19/2015	WO-008-001-00-51 6/1/2015	WO-008-001-06-51 6/1/2015	WO-008-001-12-51 6/1/2015	WO-008-001-24-51 6/1/2015	WO-008-002-00-51 6/1/2015	WO-008-002-06-51 6/1/2015	WO-008-002-12-51 6/1/2015	WO-008-002-24-51 6/1/2015
Metals																											
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**2310**	**2920**	**1700**	**2630**	**3860**	**2460**	**4910**	**3630**	**6600**	**1530**	**2220**	**4420**	**4600**	**5070**	**6760**	**16200**	**12900**	**3820**	**2690**	**10500**	**8420**	**12000**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	**0.6**	0.5 U	1.3 UJ	0.84 UJ	1 UJ	0.96 UJ	1.2 UJ	0.95 UJ	1.1 UJ	0.79 UJ	0.79 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**1.9**	**1.8**	**1.6**	**0.9**	**1.7**	**1.4**	**3**	**1.8**	**5.7**	**0.7**	**1.4**	**2**	**1.7**	**3.5 J**	**2.4 J**	**2.3 J**	**2.2 J**	**5.9 J**	**5.2 J**	**1.8 J**	**2.3 J**	**2 J**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**31.2**	**30.1**	**21.7**	**26.1**	**42.7**	**34.6**	**27.8**	**34.4**	**50.6**	**23.4**	**23.6**	**31.3**	**30.2**	**41.5**	**48.2**	**75.2**	**64.7**	**53.2**	**54.6**	**46.8**	**55.7**	**103**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	**1**	0.5 U	0.5 U	0.5 U	0.5 U	0.67 U	0.42 U	**0.74**	**0.69**	0.61 U	0.48 U	0.53 U	**0.55**	**0.66**
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	**80.2 J**	0.42 UJ	0.5 UJ	0.48 UJ	**1.8 J**	**1.7 J**	**0.56 J**	0.4 UJ	0.4 UJ
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**953**	**646**	**268**	**350**	**592**	**1070**	**415**	**299**	**1260**	**490**	**405**	**435**	**407**	**15300 J**	**2620 J**	**1200 J**	**1050 J**	**21000 J**	**20800 J**	**8020 J**	**942 J**	**657 J**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**3.6**	**5.3**	**2.6**	**3.5**	**8.1**	**4.1**	**13.7**	**7.1**	**14.5**	**2.8**	**5.4**	**13.7**	**7.1**	**18.2 J**	**12.7 J**	**20.3 J**	**17.5 J**	**11.1 J**	**10.7 J**	**15 J**	**18.9 J**	**19.9 J**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**3.5**	**3.3**	**2.8**	**2.3**	**4**	**3.1**	**4.4**	**5.5**	**12.8**	**2.2**	**2.6**	**3.4**	**3**	**2.5**	**3.1**	**3.5**	**3.4**	**3.1**	**2.9**	**2.8**	**3**	**5.1**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**4.5**	**5.2**	**2.2**	**2.7**	**3**	**3.8**	**4.6**	**4.4**	**4.1**	**2.3**	**2.4**	**3.9**	**3.9**	**20.4 J**	**8.2 J**	**7.6 J**	**7.2 J**	**23.8 J**	**21.3 J**	**9 J**	**7.8 J**	**7.1 J**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**4890**	**6290**	**7080**	**4820**	**10200**	**5140**	**14100**	**9310**	**23000**	**3100**	**4770**	**10300**	**9450**	**9940**	**8520**	**14600**	**13200**	**11000**	**8640**	**15800**	**12500**	**11800**
Lead	7439-92-1	mg/kg	400	800	400	--	**9.4**	**6.7**	**6.4**	**18.1**	**5.5**	**10.1**	**6.6**	**5.3**	**4.6**	**5.2**	**4.4**	**3.2**	**3.4**	**235**	**123**	**7.1**	**5.5**	**274**	**248**	**80.4**	**10**	**5.6**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**367**	**302**	**165**	**251**	**570**	**383**	**421**	**312**	**1470**	**222**	**319**	**398**	**420**	**6970 J**	**1350 J**	**1360 J**	**1110 J**	**9050 J**	**9460 J**	**1940 J**	**873 J**	**948 J**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**251**	**193**	**152**	**128**	**123**	**195**	**124**	**243**	**135**	**178**	**142**	**80.5**	**45.4**	**444 J**	**170 J**	**110 J**	**69.9 J**	**600 J**	**563 J**	**140 J**	**65.6 J**	**66.3 J**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	0.067 U	0.069 U	0.075 U	0.077 U	0.075 U	0.07 U	0.065 U	0.076 U	0.065 U	0.082 U	0.076 U	0.066 U	0.079 U	**0.28**	**0.32**	**0.018 U**	0.11 U	**0.12**	**0.18**	**0.43**	**0.033 U**	0.098 U
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**3**	**2.8**	2.1 U	**2.6**	**8.1**	**2.8**	**4.8**	**4.3**	**34.4**	2.1 U	**4.6**	**5.1**	**4.9**	**6.7**	**7.3**	**10.8**	**9.5**	**9.1**	**8.6**	**11.7**	**9.4**	**11.7**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**348**	**298**	**199**	**248**	**452**	**411**	**414**	**286**	**906**	**313**	**376**	**410**	**391**	**743**	**837**	**1760**	**1320**	**753**	**546**	**1230**	**833**	**1200**
Selenium	7782-49-2	mg/kg	390	5800	390	--	1.1 U	1 U	1 U	1 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.1 U	**1.6 U**	2.1 UJ	2.5 UJ	2.4 UJ	3.1 UJ	2.4 UJ	2.7 UJ	2 UJ	2 UJ
Silver	7440-22-4	mg/kg	390	5800	390	--	1.1 U	1 U	1 U	1 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.1 U	0.67 U	0.42 U	0.5 U	0.48 U	0.61 U	0.48 U	0.53 U	0.4 U	0.4 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	54.8 U	**271**	**563**	**782**	**289**	59.7 U	52.5 U	52.6 U	**290**	52.6 U	50.9 U	51.3 U	53.3 U	496 U	420 U	480 U	390 U	613 U	537 U	459 U	512 U	388 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.67 U	0.42 U	0.5 U	0.48 U	0.61 U	0.48 U	0.53 U	0.4 U	0.4 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**6.3**	**9**	**4.7**	**7.6**	**15.3**	**6.6**	**17.3**	**12.4**	**25.3**	**4.3**	**7.4**	**17.3**	**14.9**	**12.3**	**20.1**	**35.4**	**28.1**	**13.3**	**11.9**	**26.8**	**29.1**	**29.4**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**19.5**	**16.6**	**15**	**19.3**	**15**	**20.2**	**7.2**	**6.1**	**10.8**	**19.4**	**7.9**	**4.7**	**4.2**	**13800 J**	**91.2 J**	**19.2 J**	**18.8 J**	**288 J**	**274 J**	**153 J**	**90.6 J**	**16.6 J**
PCB																											
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.0237 U	0.0227 U	0.046 U	0.0458 U	0.0456 U	0.0266 U	0.0229 U	0.0224 U	0.0244 U	0.0229 U	0.023 U	0.023 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.0474 U	0.0454 U	0.092 U	0.0916 U	0.0912 U	0.0532 U	0.0458 U	0.0449 U	0.0488 U	0.0458 U	0.046 U	0.046 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.0237 U	0.0227 U	0.046 U	0.0458 U	0.0456 U	0.0266 U	0.0229 U	0.0224 U	0.0244 U	0.0229 U	0.023 U	0.023 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.0237 U	0.0227 U	0.046 U	0.0458 U	0.0456 U	0.0266 U	0.0229 U	0.0224 U	0.0244 U	0.0229 U	0.023 U	0.023 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.0237 U	0.0227 U	0.046 U	0.0458 U	0.0456 U	0.0266 U	0.0229 U	0.0224 U	0.0244 U	0.0229 U	0.023 U	0.023 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.0237 U	0.0227 U	0.046 U	0.0458 U	0.0456 U	0.0266 U	0.0229 U	0.0224 U	0.0244 U	0.0229 U	0.023 U	0.023 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.0237 U	0.0227 U	0.046 U	0.0458 U	0.0456 U	0.0266 U	0.0229 U	0.0224 U	0.0244 U	0.0229 U	0.023 U	0.023 U	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	0.038 U	0.42 U	0.4 U	0.039 U	0.038 U	0.4 U	0.41 U	0.38 U	0.36 U	0.037 U
Pesticides																											
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.0038 U	**0.016 U**	**0.0042 U**	**0.00088 U**	**0.00037 U**	**0.011 U**	**0.021 U**	**0.063 U**	**0.0043 U**	0.018 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.00019 U**	**0.0069 U**	**0.0047 U**	0.0039 U	**0.00033 U**	**0.01 U**	**0.012 U**	**0.017 U**	**0.0017 U**	**0.00025 U**
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.0018 U	**0.0018 U**	**0.0079 U**	**0.00046 U**	**0.00034 U**	**0.024 U**	**0.029 U**	**0.021 U**	**0.0025 U**	0.018 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 U	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	**0.081 UJ**
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	0.021 U	0.002 U	0.0019 U	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	**0.00058 U**	0.002 U	**0.00016 U**	**0.0016 U**	**0.0011 U**	**0.00083 U**	**0.0017 U**	**0.00065 U**
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	0.021 U	0.002 U	0.0019 U	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	**0.02 UJ**	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	**0.0013 U**	0.002 U	**0.00037 U**	**0.0017 U**	**0.0026 U**	**0.0012 U**	**0.0022 U**	**0.0004 U**
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	**0.11 UJ**	**0.034 UJ**	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	**0.0012 U**	**0.00015 U**	**0.00051 U**	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.0038 U	**0.0011 U**	**0.0016 U**	**0.00017 U**	**0.000028 U**	**0.0028 U**	**0.0031 U**	0.19 U	**0.0025 U**	0.018 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	**0.00172 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	0.021 U	0.002 U	0.0019 U	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	**0.00344 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.0038 U	**0.0043 U**	**0.00085 U**	0.0039 U	**0.00075 U**	**0.0019 U**	**0.0038 U**	**0.018 U**	**0.0024 U**	**0.00069 U**
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	**0.00178 RL**	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	**0.00286 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.000072 U**	0.042 U	0.04 U	0.0039 U	**0.00045 U**	0.04 U	0.041 U	**0.003 U**	0.036 U	**0.00041 U**
Endrin	72-20-8	mg/kg	19	250	18	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	**0.00401 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.0011 U**	**0.0052 UJ**	**0.00071 U**	**0.0005 U**	**0.00013 U**	**0.0039 U**	**0.0036 U**	**0.016 U**	**0.0015 U**	0.018 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	**0.00344 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.0038 U	0.042 U	0.04 U	0.0039 U	0.0038 U	0.04 U	0.041 U	0.19 U	0.036 U	0.018 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	**0.00237 RL**	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	**0.00229 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.000034 U**	**0.014 UJ**	**0.014 UJ**	**0.00049 UJ**	0.0038 U	**0.022 UJ**	**0.018 UJ**	**0.045 UJ**	**0.0057 UJ**	0.018 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.000018 U**	0.021 U	**0.00032 U**	0.002 U	**0.000074 U**	**0.00021 UJ**	0.021 U	0.098 U	**0.00028 U**	0.0095 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.00012 U**	**0.016 U**	**0.007 U**	**0.00014 U**	**0.00046 U**	**0.014 U**	**0.019 U**	0.098 U	**0.0049 U**	**0.00037 U**
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	0.021 U	0.002 U	**0.0001 U**	0.021 U	**0.0031 U**	0.098 U	0.019 U	0.0095 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.00118 U	0.00113 U	0.0023 U	0.00229 U	0.00228 U	0.00133 U	0.00115 U	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	0.002 U	0.021 U	0.021 U	0.002 U	**0.00081 U**	**0.0036 U**	**0.004 U**	0.098 U	0.019 U	0.0095 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	**0.00651 RL**	0.00113 U	**0.0046 RL**	**0.00458 RL**	0.00228 U	0.00133 U	**0.00515 RL**	0.00112 U	0.00122 U	0.00114 U	0.00115 U	0.00115 U	**0.00029 U**	**0.016 U**	**0.0076 U**	0.02 U	**0.0019 U**	**0.02 U**	0.21 U	**0.041 U**	**0.0093 U**	0.095 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.0355 U	0.034 U	0.069 U	0.0687 U	0.0684 U	0.0399 U	0.0344 U	0.0336 U	0.0366 U	0.0343 U	0.0345 U	0.0345 U	0.2 U	2.1 U	2.1 U	0.2 U	0.19 U	2.1 U	2.1 U	9.8 U	1.9 U	0.95 U
SVOA																											
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	**NA**	0.096 U	0.096 U	0.087 U	0.1 U	**NA**	0.14 U	0.098 U	0.096 U	**NA**	0.13 U	0.099 U	0.11 U	0.13 U	0.1 UJv	0.1 UJv	0.095 UJv	0.11 U	0.12 U	0.16 U	11 U	27 U
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.45 UJ	0.39 UJ	3.8 U	7.6 U	3.8 U	0.39 UJ	0.37 UR	0.4 U	0.37 UR	0.4 UJ	0.37 UR	0.39 UR	0.38 U	4 U	3.9 U	0.39 UJ	1.5 UJ	4 U	4 U	3.8 UJ	3.6 UJ	1.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	40000	3100	--	0.23 UJ	0.2 UJ	2 U	3.9 U	2 U	0.2 UJ	0.19 UJ	0.21 U	0.19 U	0.21 UJ	0.19 U	0.2 U	0.2 U	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.45 UJ	0.39 UJ	3.8 U	7.6 U	3.8 U	0.39 UJ	0.37 UR	0.4 U	0.37 UR	0.4 UJ	0.37 UR	0.39 UR	0.38 U	4.1 U	3.9 U	0.39 U	1.5 U	4 U	4 U	3.8 U	3.6 U	1.5 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.23 UJ	0.2 UJ	2 U	3.9 U

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-006-006-00-51 5/18/2015	WO-006-006-06-51 5/19/2015	WO-006-006-12-51 5/19/2015	WO-006-006-12-52 5/19/2015	WO-006-006-24-51 5/19/2015	WO-006-007-00-51 5/18/2015	WO-006-007-06-51 5/19/2015	WO-006-007-12-51 5/19/2015	WO-006-007-24-51 5/19/2015	WO-006-008-00-51 5/18/2015	WO-006-008-06-51 5/19/2015	WO-006-008-12-51 5/19/2015	WO-006-008-24-51 5/19/2015	WO-008-001-00-51 6/1/2015	WO-008-001-06-51 6/1/2015	WO-008-001-12-51 6/1/2015	WO-008-001-24-51 6/1/2015	WO-008-002-00-51 6/1/2015	WO-008-002-00-52 6/1/2015	WO-008-002-06-51 6/1/2015	WO-008-002-12-51 6/1/2015	WO-008-002-24-51 6/1/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	0.029 J	0.047 J	0.091 LI	0.28 LI	0.14 LI	0.24	0.13	0.011	0.0074	0.036 J	0.0031 LI	0.0089	0.0038 U	0.46	0.26	0.0074 LI	0.023 LI	1.5	1.8	0.44	0.11	0.016 LI
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	0.014 J	0.011 J	0.19 U	0.38 U	0.042 LI	0.21	0.087 LI	0.0033 LI	0.0017 LI	0.012 J	0.00093 LI	0.0019 LI	0.0038 U	0.38	0.18	0.0034 LI	0.016 U	0.66	0.77	0.93	0.058 LI	0.037 U
Benzo(j)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	0.0054 LI	0.012 J	0.19 U	0.079 LI	0.047 LI	0.19 U	0.026 LI	0.0029 LI	0.0019 LI	0.0073 LI	0.0008 LI	0.0027 LI	0.0038 U	0.066 LI	0.041 LI	0.0078 U	0.018 U	0.38	0.53	0.053 LI	0.072 U	0.037 U
Chrysene	218-01-9	mg/kg	16	290	1500	--	0.066 J	0.059 J	0.24	0.51	0.27	1.2	0.53	0.029	0.012	0.055 J	0.0067	0.014	0.0038 U	1.4	0.74	0.033	0.068	1.3	1.5	1.5	0.53	0.074
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	0.0087 LI	0.0089 J	0.19 U	0.38 U	0.19 U	0.11 LI	0.055 LI	0.0031 LI	0.0014 LI	0.0073 LI	0.0037 U	0.0018 LI	0.0038 U	0.15 LI	0.084	0.0032 LI	0.016 U	0.2	0.24	0.22	0.044 LI	0.037 U
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	0.022 J	0.04 J	0.1 LI	0.33 LI	0.17 LI	0.22	0.09 LI	0.0094	0.0064	0.022 J	0.0031 LI	0.0079	0.0038 U	0.27	0.17	0.0065 LI	0.0077 LI	0.81	1	0.32	0.12	0.015 LI
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.009 UJ	0.0077 UJ	0.097 LI	0.2 LI	0.1 LI	0.19 U	0.11 U	0.008 U	0.0037 U	0.0081 UJ	0.0011 LI	0.0039 U	0.0038 U	0.17 U	0.079 U	0.0078 U	0.038 U	0.36 U	0.2 U	0.04 LI	0.13	0.024 LI
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	0.02 J	0.031 J	0.057 LI	0.17 LI	0.087 LI	0.15 LI	0.081 LI	0.0071 LI	0.0045	0.023 J	0.002 LI	0.0057	0.0038 U	0.26	0.16	0.0051 LI	0.016 LI	0.77	0.94	0.43	0.072 LI	0.01 LI
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	0.0021 LI	0.0019 LI	0.25	0.83	0.2	0.19 U	0.11 U	0.008 U	0.00083 LI	0.0016 LI	0.0045	0.0012 LI	0.0038 U	0.035 LI	0.028 LI	0.0024 LI	0.013 LI	0.052 LI	0.051 LI	0.25	0.36	0.11
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.018 UJ	NA	0.39 U	0.77 U	0.39 U	0.39 U	0.23 U	0.016 U	0.0076 U	0.016 UJ	0.0075 U	0.0079 U	0.0077 U	0.34 U	0.16 U	0.016 U	0.076 U	0.32 U	0.41 U	0.39 U	0.15 U	0.075 U
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	0.074 J	0.036 J	0.4	0.82	0.51	1.7	0.62	0.032	0.012	0.049 J	0.0077	0.012	0.0038 U	1.2	0.68	0.047	0.018 LI	0.81	0.72	1.8	0.52	0.093
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	0.066 J	0.056 J	0.16 LI	0.39	0.22	1.1	0.48	0.029	0.014	0.052 J	0.0068	0.016	0.0038 U	1.1	0.6	0.032	0.14	1.2	1.4	1.7	0.56	0.089
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 UJ	0.0051 UJ	0.0048 UJ	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	NA	0.0048 U	0.0048 U	0.0043 U	0.0051 U	NA	0.0072 U	0.0049 U	0.0048 U	NA	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.0047 U	0.0096 U	0.0096 U	0.0055 LI	0.0072 LI	0.0118	0.014 U	0.0098 U	0.0065 LI	0.005 U	0.013 U	0.0099 U	0.011 U	0.013 U	0.01 U	0.01 U	0.0095 U	0.011 U	0.012 U	0.016 U	1.1 U	2.7 U
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.0047 U	0.0096 U	0.0096 U	0.0087 U	0.01 U	0.0051 U	0.014 U	0.0098 U	0.0096 U	0.005 U	0.013 U	0.0099 U	0.011 U	0.013 U	0.01 U	0.01 U	0.0095 U	0.011 U	0.012 U	0.016 U	1.1 U	2.7 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.0047 U	0.0096 U	0.0096 U	0.0087 U	0.01 U	0.0051 U	0.014 U	0.0098 U	0.0096 U	0.005 U	0.013 U	0.0099 U	0.011 U	0.013 U	0.01 U	0.01 U	0.0095 U	0.011 U	0.012 U	0.016 U	1.1 U	2.7 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	0.0128 B, K	0.018	0.0055 LI	0.0079 LI	0.012	0.0404 B, K	0.016	0.0092 LI	0.0099	0.0107 B, K	0.0095 LI	0.011	0.011 LI	0.0032 LI	0.0013 LI	0.0023 LI	0.0063 LI	0.0013 LI	0.012 U	0.016 U	1.1 U	2.7 U
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0044 LI	1	1.9
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	NA	0.0048 U	0.0048 U	0.0043 U	0.0051 U	NA	0.0072 U	0.0049 U	0.0048 U	NA	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 UR	0.0058 UR	0.0082 UR	0.55 U	1.3 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.00056 LI	0.00046 LI	0.0051 U	0.00039 LI	0.0053 U	0.0058 U	0.0023 LI	0.55 U	1.3 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0018 LI	3.7	13
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.42 LI	2.9
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.2 LI	1.7
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0094 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0102 U	0.0072 U	0.0049 U	0.0048 U	0.0101 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	1.4	2.4
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0011 LI	8.1	26
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
O-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.00039 LI	0.18 LI	0.54 LI
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.00022 LI	0.0051 U	0.0014 LI	0.00046 LI	0.00062 LI	0.005 U	0.0064 U	0.00045 LI	0.00024 LI	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.64	0.43 LI
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0047 U	0.0048 U	0.0048 U	0.0043 U	0.0051 U	0.0051 U	0.0072 U	0.0049 U	0.0048 U	0.005 U	0.0064 U	0.0049 U	0.0057 U	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-008-003-00-51	WO-008-003-06-51	WO-008-003-12-51	WO-008-003-24-51	WO-008-004-00-51	WO-008-004-06-51	WO-008-004-12-51	WO-008-004-24-51	WO-008-004-24-52	WO-011-001-00-51	WO-011-001-06-51	WO-011-001-12-51	WO-011-001-24-51	WO-011-002-00-51	WO-011-002-06-51	WO-011-002-12-51	WO-011-002-24-51	WO-011-002-24-52	WO-011-003-00-51	WO-011-003-06-51	WO-011-003-12-51	WO-011-003-24-51
						Date	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	1830	3110	5490	4170	4370	4150	4100	12200	9010	7560	5470 J	7500 J	6930 J	3690	3310 J	3090 J	3330 J	4870 J	7300	10900 J	8400 J	9990 J
Antimony	7440-36-0	mg/kg	31	470	31	--	0.92 UJ	0.81 UJ	0.78 UJ	0.89 UJ	1 UJ	0.85 UJ	1 UJ	1.2 UJ	0.97 UJ	0.95 UJ	0.93 UJ	1.1 UJ	0.8 UJ	1.2 UJ	0.97 UJ	0.93 UJ	0.78 UJ	0.67 UJ	1.1 UJ	1 UJ	0.84 UJ	0.92 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	1.6 J	2.8 J	1.5 J	1	3.8 J	1.4 J	2.2 J	1.9 J	1.8 J	2.6 J	1.2	2.9	2.1	2 J	6.5	1	0.99	1.7	1.6 J	1.9	2.1	3.7
Barium	7440-39-3	mg/kg	15000	220000	15000	--	25.5	36.3	56.6	42.7	49.1	34.8	41.9	61.2	71	73.4	48.1 J	109 J	78.6 J	49.8	45.6 J	45 J	29.7 J	41.1 J	68.4	62.5 J	96.1 J	180 J
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.46 U	0.41 U	0.39 U	0.44 U	0.5 U	0.43 U	0.51 U	0.55 U	0.81	0.54	0.46 U	0.76	0.7	0.6 U	0.57	0.47 U	0.39 U	0.44 U	0.54 U	0.57	0.85	1.2
Cadmium	7440-43-9	mg/kg	71	980	70	--	1.5 J	0.41 UJ	0.39 UJ	0.44 U	2.2 J	0.43 UJ	0.51 UJ	0.55 UJ	0.48 UJ	0.45 UJ	0.46 U	0.57 U	0.4 U	0.6 UJ	0.49 U	0.47 U	0.39 U	0.44 U	0.54 UJ	0.5 U	0.42 U	0.46 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	117000 J	3700 J	1170 J	792	27000 J	10200 J	8670 J	2250 J	2770 J	3160 J	2860	6470	1520	3170 J	2050	1540	515 U	587	20300 J	2580	2970	2660
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	5.4 J	8.1 J	9.6 J	9.2	13.6 J	8.9 J	9.2 J	12.3 J	19.5 J	14.8 J	9	24	18.2	10.2 J	25.9	10	8.3	10.6	11.3 J	14.9	23.4	29.7
Cobalt	7440-48-4	mg/kg	23	350	23	--	1.6	2.3	2.4	2.4	2.9	2.3	2.4	5.4	6.6	4.6	2	5.2	5.2	3	4.5	2.7	1.6	2.2	3.5	4.2	5.2	8.5
Copper	7440-50-8	mg/kg	3100	47000	3100	--	10.7 J	8.8 J	5.4 J	4.6	23.1 J	5.5 J	10 J	9.6 J	10.6 J	8.6 J	4.9	9.9	6.6	5.8 J	8.3	5.9	4.7	5.5	6.4 J	6.7	11.2	9.3
Iron	7439-89-6	mg/kg	55000	820000	55000	--	7790	5910	7210	5360	11700	6120	6420	12600	13000	14300	9500 J	12200 J	10300 J	6240	6820 J	6780 J	5210 J	8490 J	9820	16100 J	13500 J	17900 J
Lead	7439-92-1	mg/kg	400	800	400	--	138	66.1	72.9	19	235	36.9	21.2	31.5	14.1	24	6.4	9.5	7.9	23.7	17.3	5.7	2.6	4.6	21.8	15.4	15.1	6.4
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	5770 J	1420 J	694 J	451 U	6710 J	2220 J	1030 J	903 J	1100 J	1020 J	835	951	939	1170 J	619	392 UJ	300 UJ	486 UJ	1720 J	1400	1220	1470
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	504 J	231 J	160 J	141	503 J	171 J	979 J	134 J	215 J	241 J	227	134	79.7	244 J	157	161	23.1	57.5	133 J	102	219	323
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	0.08 U	0.17	0.12	0.082 U	0.18	0.021 U	0.071 U	0.047 U	0.13	0.01 U	0.0023 U	0.0037 U	0.11 U	0.012 U	0.0031 U	0.11 U	0.098 U	0.1 U	0.0081 U	0.1 U	0.11 U	0.11 U
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	12	4.6	5.2	5.2	10.5	6.4	7.5	10.3	12.2	8.8	4.9	14.7	10.9	5.9	7.7	5.8	4.2	6.6	7	8.7	13.6	17.2
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	522 U	510 U	609	483	880	823	776	1060	913	1130	760	739	642	691	571	464	515 U	618	1210	1100	743	729
Selenium	7782-49-2	mg/kg	390	5800	390	--	2.3 UJ	2 UJ	2 UJ	2.2 U	2.5 UJ	2.1 UJ	2.5 UJ	2.8 UJ	2.4 UJ	2.3 UJ	0.3 UJ	2.8 U	2 U	3 UJ	2.4 U	2.3 U	1.9 U	2.2 U	2.7 UJ	0.31 UJ	2.1 U	2.3 U
Silver	7440-22-4	mg/kg	390	5800	390	--	0.46 U	0.41 U	0.39 U	0.44 U	0.5 U	0.43 U	0.51 U	0.55 U	0.48 U	0.45 U	0.46 U	0.57 U	0.4 U	0.6 U	0.49 U	0.47 U	0.39 U	0.44 U	0.54 U	0.5 U	0.42 U	0.46 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	522 U	510 U	413 U	451 U	494 U	392 U	382 U	410 U	378 U	507 U	493 U	424 U	441 U	494 U	537 U	448 U	515 U	498 U	463 U	505 U	452 U	480 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.46 U	0.41 U	0.39 U	0.44 U	0.5 U	0.43 U	0.51 U	0.55 U	0.48 U	0.45 U	0.46 U	0.57 U	0.4 U	0.6 U	0.49 U	0.47 U	0.39 U	0.44 U	0.54 U	0.5 U	0.42 U	0.46 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	14.1	11.7	15.9	13.4	12.4	13.3	16.5	18.4	27.8	23.1	14.6	36.6	23.7	14.3	20.1	15.3	12	17.7	16.5	22.5	31.7	41.3
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	231 J	66.2 J	30 J	18.6	407 J	36.9 J	19.3 J	25.6 J	21.3 J	61.6 J	19 J	21.9 J	15.4 J	22.8 J	20.5 J	11.5 J	10.7 J	13.9 J	33.9 J	22.5 J	24.1 J	24.8 J
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.46 U	0.39 U	0.38 U	0.038 U	0.39 U	0.37 U	0.37 U	0.37 U	0.036 U	0.042 U	0.043 U	0.039 U	0.041 U	0.041 U	0.04 U	0.037 U	0.038 U	0.038 U	0.044 U	0.04 U	0.038 U	0.038 U
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	0.11 U	0.051 U	0.038 U	0.0007 U	0.047 U	0.069 U	0.019 U	0.015 U	0.0092 U	0.0042 U	0.002 U	0.00047 U	0.00024 U	0.0045 U	0.001 U	0.00043 U	0.0017 U	0.0019 U	0.00063 U	0.0002 U	0.0038 U	0.00024 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	0.0042 U	0.0017 U	0.00028 U	0.00024 U	0.012 U	0.18 U	0.0016 U	0.19 U	0.0019 U	0.00063 U	0.00051 U	0.00051 U	0.00019 U	0.00025 U	0.00059 U	0.0037 U	0.01 U	0.00039 U	0.00012 U	0.004 U	0.000055 U	0.00007 U
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	0.04 U	0.01 U	0.0039 U	0.00034 U	0.022 U	0.022 U	0.018 U	0.016 U	0.0086 U	0.00052 U	0.00085 U	0.00041 U	0.0033 U	0.0016 U	0.00072 U	0.0002 U	0.0096 U	0.00018 U	0.00021 U	0.0001 U	0.0002 U	0.0038 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.12 U	0.1 U	0.019 U	0.000039 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U	0.022 U	0.00017 U	0.00029 U	0.0021 U	0.01 U	0.00036 U	0.00029 U	0.0098 U	0.0011 U	0.0023 U	0.00029 U	0.002 U	0.002 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.002 U	0.1 U	0.019 U	0.0002 U	0.1 U	0.095 U	0.096 U	0.096 U	0.0035 U	0.0006 U	0.00077 U	0.0002 U	0.0021 U	0.01 U	0.0003 U	0.0009 U	0.0098 U	0.002 U	0.00012 U	0.002 U	0.002 U	0.002 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.12 U	0.1 U	0.019 U	0.002 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U	0.0022 U	0.00055 U	0.002 U	0.0021 U	0.01 U	0.00032 U	0.0019 U	0.0098 U	0.002 U	0.0023 U	0.00041 U	0.002 U	0.002 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.12 U	0.1 U	0.019 U	0.002 U	0.1 U	0.095 U	0.096 U	0.096 U	0.00093 U	0.0002 U	0.00049 U	0.00023 U	0.00013 U	0.00014 U	0.00026 U	0.00026 U	0.0098 U	0.00031 U	0.00036 U	0.002 U	0.002 U	0.0001 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	0.46 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.12 U	0.0024 U	0.0008 U	0.002 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U	0.0022 U	0.0022 U	0.002 U	0.0021 U	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00014 U	0.002 U	0.002 U	0.002 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	0.23 U	0.0075 U	0.00063 U	0.000068 U	0.001 U	0.0049 U	0.19 U	0.19 U	0.036 U	0.0015 U	0.0043 U	0.0039 U	0.0041 U	0.011 U	0.004 U	0.0037 U	0.019 U	0.0038 U	0.00048 U	0.004 U	0.0038 U	0.0038 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.12 U	0.1 U	0.019 U	0.00019 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U	0.0022 U	0.0022 U	0.002 U	0.0021 U	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.0034 U	0.00051 U	0.002 U	0.002 U	0.002 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	0.018 U	0.0034 U	0.038 U	0.00033 U	0.0054 U	0.015 U	0.0063 U	0.0077 U	0.0058 U	0.00076 U	0.0043 U	0.00016 U	0.000065 U	0.002 U	0.000092 U	0.000064 U	0.019 U	0.0038 U	0.00011 U	0.000045 U	0.00019 U	0.000017 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.015 U	0.19 U	0.038 U	0.00049 U	0.015 U	0.017 U	0.0086 U	0.19 U	0.0022 U	0.0042 U	0.0043 U	0.0039 U	0.0041 U	0.00047 U	0.00023 U	0.000049 U	0.008 U	0.00084 U	0.00075 U	0.000062 U	0.000081 U	0.0038 U
Endrin	72-20-8	mg/kg	19	250	18	--	0.029 U	0.0024 U	0.038 U	0.00021 U	0.0083 U	0.027 U	0.013 U	0.0099 U	0.019 U	0.0042 U	0.00058 U	0.0039 U	0.0002 U	0.0019 U	0.00067 U	0.00054 U	0.0044 U	0.00045 U	0.00024 U	0.00024 U	0.0038 U	0.00044 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.23 U	0.19 U	0.038 U	0.0038 U	0.2 U	0.18 U	0.19 U	0.19 U	0.036 U	0.0042 U	0.0043 U	0.0039 U	0.0041 U	0.02 U	0.004 U	0.0037 U	0.019 U	0.0038 U	0.0044 U	0.004 U	0.0038 U	0.0038 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.069 U	0.0099 U	0.0013 U	0.0038 U	0.046 U	0.033 U	0.046 U	0.035 U	0.017 U	0.00099 U	0.0012 U	0.0013 U	0.00063 U	0.02 U	0.00052 U	0.00014 U	0.016 U	0.0013 U	0.0044 U	0.000078 U	0.0038 U	0.0038 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	0.12 U	0.1 U	0.019 U	0.00032 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U	0.0022 U	0.0022 U	0.002 U	0.0021 U	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00028 U	0.002 U	0.002 U	0.002 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	0.0064 U	0.022 U	0.0017 U	0.00049 U	0.05 U	0.025 U	0.0044 U	0.0017 U	0.0034 U	0.00068 U	0.0012 U	0.00068 U	0.000069 U	0.0012 U	0.0011 U	0.00022 U	0.0028 U	0.00029 U	0.00026 U	0.00058 U	0.0002 U	0.002 U
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.12 U	0.1 U	0.019 U	0.00003 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U	0.0003 U	0.0022 U	0.002 U	0.00015 U	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00061 U	0.00048 U	0.002 U	0.002 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.0064 U	0.0011 U	0.019 U	0.002 U	0.1 U	0.0093 U	0.0012 U	0.0096 U	0.0033 U	0.00065 U	0.0022 U	0.002 U	0.0021 U	0.00054 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00063 U	0.002 U	0.002 U	0.002 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	0.083 U	0.033 U	0.19 U	0.00071 U	1 U	0.95 U	0.96 U	0.031 U	0.0077 U	0.022 U	0.022 U	0.02 U	0.021 U	0.1 U	0.021 U	0.019 U	0.098 U	0.02 U	0.00014 U	0.02 U	0.02 U	0.02 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	12 U	10 U	1.9 U	0.2 U	10 U	9.5 U	9.6 U	9.6 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	1 U	0.21 U	0.19 U	0.98 U	0.2 U	0.23 U	0.2 U	0.2 U	0.2 U
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0065 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0065 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.16 U	0.12 UJ	0.11 U	0.16 UR	0.14 UJ	0.089 U	0.1 UJ	6.7 U	0.1 U	0.13 UJ	0.11 U	0.11 U	0.095 U	0.15 U	0.12 U	0.11 U	0.14 U	0.16 U	0.22 U	0.097 U	0.093 U	0.096 U
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 UR	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 UR	0.21 U	0.2 U	0.2 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	4.5 U	3.9 UJ	3.8 U	0.38 UJ	3.9 U	3.7 U	7.5 UJ	3.7 UJ	3.6 UJ	0.42 UJ	0.43 U	0.39 UJ	0.4 UJ	4 UJ	0.4 U	0.38 U	12 U	1.9 U	3.6 U	0.4 UJ	0.38 U	0.39 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	NA	NA	NA	NA	NA	NA	6.6	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95-48-7	mg/kg	3200	44000	3100	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 UR	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 UR	0.21 U	0.2 U	0.2 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	4.5 U	3.9 U	3.8 U	0.38 UJ	3.9 U	3.7 U	7.5 U	3.7 U	3.6 U	0.42 U	0.43 U	0.39 U	0.4 U	4 U	0.4 U	0.38 U	12 U	1.9 U	0.44 U	0.4 U	0.38 U	0.39 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.21 U	0.19 U	6 U	0.99 U	0.23 U	0.21 U	0.2 U	0.2 U
3,3'-dichlorobenzidine	91-94-1	mg/kg	1.2	5.1	120	--	2.3 U	2 U	1.9 U	0.2 U	2 U	1.9 U	3.8 U	1.9 U	1.9 U	0.22 UR	0.22 U	0.2 UR	0.21 U	2.1 U	0.21 UR	0.19 U	6 U	0.99 U	0.23 UR	0.21 UR	0.2 U	0.2 U
3-Nitroaniline	99-09

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-008-003-00-S1	WO-008-003-06-S1	WO-009-003-12-S1	WO-009-003-24-S1	WO-008-004-00-S1	WO-008-004-06-S1	WO-009-004-12-S1	WO-009-004-24-S1	WO-008-004-24-S2	WO-011-001-00-S1	WO-011-001-06-S1	WO-011-001-12-S1	WO-011-001-24-S1	WO-011-002-00-S1	WO-011-002-06-S1	WO-011-002-12-S1	WO-011-002-24-S1	WO-011-002-24-S2	WO-011-003-00-S1	WO-011-003-06-S1	WO-011-003-12-S1	WO-011-003-24-S1
						Date	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/1/2015	6/2/2015	6/2/2015	6/2/2015	6/1/2015	6/2/2015	6/2/2015	6/2/2015	6/2/2015	6/1/2015	6/2/2015	6/2/2015	6/2/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	0.48	0.79	0.089	0.0019 LJ	NA	0.83	1.6	1.4	0.6	0.031	0.024	0.021	0.0095	0.026 LJ	0.026	0.016	0.51 LJ	0.23 U	0.0078 J	0.0076	0.00096 LJ	0.0039 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	0.9	0.32	0.055	0.0025 LJ	1.2	0.36	1.4	1.3	0.48	0.0057 LJ	0.016	0.016	0.0028 LJ	0.014 LJ	0.046	0.01	0.72 LJ	0.053 LJ	0.0018 LJ	0.0025 LJ	0.0038 U	0.0039 U
Benzo(j,k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	0.076 LJ	0.22	0.014 LJ	0.0038 LJ	0.83	0.19	0.17 LJ	0.11 LJ	0.074 LJ	0.0074 LJ	0.0058 LJ	0.0052 LJ	0.0015 LJ	0.04 LJ	0.0062 LJ	0.0048 LJ	0.77 LJ	0.23 LJ	0.0021 LJ	0.0018 LJ	0.0038 U	0.0039 U
Chrysene	218-01-9	mg/kg	16	290	1500	--	1.2	0.99	0.24	0.013 J	2.1 J	0.89	NA	NA	2 J	0.047	0.036	0.037	0.025	0.027 LJ	0.029	0.015	1.9	0.15 LJ	0.0096 J	0.0095	0.0019 LJ	0.0039 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	0.19	0.14	0.031 LJ	0.0038 LJ	0.37	0.15	0.67	0.6	0.25	0.0049 LJ	0.0048 LJ	0.0049 LJ	0.0023 LJ	0.04 LJ	0.0069 LJ	0.0028 LJ	0.77 LJ	0.23 LJ	0.0012 LJ	0.0014 LJ	0.0038 U	0.0039 U
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	0.32	0.47	0.047	0.0026 LJ	1.5	0.42	1.8	1.1	0.4	0.032	0.022	0.015	0.0055	0.023 LJ	0.021	0.016	1.4	0.11 LJ	0.0073 J	0.007	0.00077 LJ	0.0039 U
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.18 U	0.12 U	0.038 U	0.0022 LJ	0.2 U	0.025 LJ	1.3	0.48	0.15 LJ	0.0084 UJ	0.0027 LJ	0.0078 U	0.004 U	0.04 U	0.0081 U	0.0075 U	1.5	0.097 LJ	0.0044 UJ	0.004 U	0.0038 U	0.0039 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	0.42	0.43	0.059	0.0013 LJ	1.3	0.46	1	0.91	0.39	0.014	0.013	0.014	0.005	0.021 LJ	0.027	0.011	0.47 LJ	0.23 LJ	0.004 LJ	0.0049	0.00078 LJ	0.0039 U
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	0.22	0.19	0.019 LJ	0.0042 J	0.11 LJ	0.13	1.6	0.84	0.68	0.0022 LJ	0.0019 LJ	0.0078 U	0.004 U	0.04 U	0.0081 U	0.0075 U	0.77 U	0.23 U	0.0011 LJ	0.00086 LJ	0.0038 U	0.0039 U
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.37 U	0.24 U	0.077 U	0.0077 UJ	0.4 U	0.22 U	0.76 U	0.38 U	0.37 U	0.017 U	0.017 UJ	0.016 UJ	0.0082 UJ	0.082 U	0.016 UJ	0.015 UJ	1.6 U	0.47 U	0.0089 UJ	0.0081 UJ	0.0077 UJ	0.0078 UJ
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	1.5	0.94	0.2	0.011 J	0.98	0.7	NA	NA	NA	0.023	0.022	0.012	0.0068	0.014 LJ	0.0096	0.0032 LJ	4.8	0.35	0.0055 J	0.0038 LJ	0.0013 LJ	0.0039 U
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	1.3	1	0.19	0.0061 J	2.2 J	0.85	NA	NA	NA	0.039	0.061	0.024	0.012	0.029 LJ	0.032	0.018	NA	NA	0.0096 J	0.0093	0.0016 LJ	0.0039 U
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0078 U	0.0061 UJ	0.0057 U	0.008 U	0.0071 UJ	0.0045 U	0.005 UJ	0.34 U	0.0051 U	0.0063 UJ	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.016 U	0.012 U	0.013	0.028 J	0.014 U	0.0089 U	0.0047 LJ	0.67 U	0.01 U	0.013 U	0.011 U	0.0074 LJ	0.0095 U	0.015 U	0.017	0.0094 LJ	0.014 LJ	0.016 U	0.022 U	0.0097 U	0.0093 U	0.0096 U
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.016 U	0.012 U	0.011 U	0.016 U	0.014 U	0.0089 U	0.01 U	0.67 U	0.01 U	0.013 U	0.011 U	0.011 U	0.0095 U	0.015 U	0.012 U	0.011 U	0.014 U	0.016 U	0.022 U	0.0097 U	0.0093 U	0.0096 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.016 U	0.012 U	0.0039 LJ	0.016 U	0.014 U	0.0089 U	0.01 U	0.67 U	0.01 U	0.013 U	0.011 U	0.011 U	0.0095 U	0.015 U	0.012 U	0.011 U	0.014 U	0.016 U	0.022 U	0.0097 U	0.0093 U	0.0096 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	0.0022 LJ	0.012 U	0.009 LJ	0.038 J	0.0016 LJ	0.0089 U	0.0069 LJ	0.67 U	0.01 U	0.0021 LJ	0.0074 LJ	0.0098 LJ	0.007 LJ	0.0043 LJ	0.041	0.0092 LJ	0.018	0.014 LJ	0.0052 LJ	0.0059 LJ	0.0093 U	0.0089 LJ
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.058 LJ	0.022 J	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0078 UR	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 UR
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0078 U	0.0005 LJ	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.12 LJ	1.4 J^	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0078 U	0.0061 U	0.0057 U	0.00036 LJ	0.0071 U	0.0045 U	0.005 U	0.034 LJ	0.052 J^	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.00025 LJ
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.11 LJ	0.48 J^	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0078 U	0.0061 U	0.0057 U	0.00091 LJ	0.0071 U	0.0045 U	0.005 U	0.045 LJ	0.034 J^	0.0063 U	0.00027 LJ	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.00044 LJ	0.00022 LJ	0.00059 LJ
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.00061 LJ	0.005 U	0.52	2.4 J^	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
O-Xylene	95-47-6	mg/kg	650	2800	650	--	0.00024 LJ	0.0061 U	0.0003 LJ	0.008 U	0.0071 U	0.00024 LJ	0.005 U	0.34 U	0.0095 J^	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.00025 LJ	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.00055 LJ	0.0049 U	0.0047 U	0.00031 LJ
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	0.01 J^	0.0061 U	0.017	0.089 J	0.0071 U	0.0047	0.005 U	0.039 LJ	0.029 J^	0.0063 U	0.0013 LJ	0.0026 LJ	0.0014 LJ	0.011 J^	0.0061	0.0015 LJ	0.0024 LJ	0.00079 LJ	0.013 J^	0.012	0.0043 LJ	0.02
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.00033 LJ	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0078 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 Ulv	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.0048 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-011-004-00-S1 6/1/2015	WO-011-004-06-S1 6/2/2015	WO-011-004-12-S1 6/2/2015	WO-011-004-24-S1 6/2/2015	WO-017-001-00-S1 5/20/2015	WO-017-001-00-S15 6/8/2015	WO-017-001-06-S1 5/21/2015	WO-017-001-06-S15 6/9/2015	WO-017-001-06-S25 6/9/2015	WO-017-001-12-S1 5/21/2015	WO-017-002-00-S1 5/20/2015	WO-017-002-00-S15 6/10/2015	WO-017-002-06-S1 5/21/2015	WO-017-002-06-S15 6/8/2015	WO-017-002-12-S1 5/21/2015	WO-017-002-24-S1 5/21/2015	WO-017-003-00-S1 5/20/2015	WO-017-003-00-S15 6/10/2015	WO-017-003-00-S2 5/20/2015	WO-017-003-06-S1 5/21/2015	WO-017-003-06-S15 6/10/2015	WO-017-003-12-S1 5/21/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**4270**	**6110 J**	**12700 J**	**5260 J**	**1630**	**3580**	**2020**	**3100**	**3350**	**3540**	**2680**	**3400**	**3760**	**3010**	**6560**	**7740**	**1340**	**2910**	**1510**	**1820**	**3560**	**1500**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.85 UJ	0.99 UJ	0.82 UJ	1.1 UJ	0.6 U	0.92 UJ	0.6 U	0.86 UJ	0.72 UJ	0.5 U	0.6 U	0.86 UJ	0.5 U	0.89 UJ	0.5 U	0.6 U	0.6 U	0.81 UJ	0.6 U	0.5 U	0.78 UJ	**0.9**
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**1.4**	**1.5**	**1.6**	**1.5**	**0.9**	**2.4**	**1.5**	**2**	**2**	**2**	**2.5**	**2.1**	**1.9**	**2**	**4.4**	**3.4**	**0.9**	**1.8**	**1.3**	**1.8**	**1.8**	**1.5**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**51.9**	**69.3 J**	**88.4 J**	**53.7 J**	**29.8**	**61.9**	**30.8**	**51.3**	**49.3**	**34.4**	**32.4**	**45.8**	**42.6**	**43.8**	**57.9**	**67.1**	**34.8**	**62.8**	**37.1**	**32.2**	**59.6**	**22.6**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.43 U	0.5 U	**0.62**	0.54 U	0.6 U	0.46 U	0.6 U	0.43 U	0.36 U	0.5 U	0.6 U	0.43 U	0.5 U	0.45 U	**0.6**	0.6 U	0.6 U	0.4 U	0.6 U	0.5 U	0.39 U	0.5 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.43 U	0.5 U	0.41 U	0.54 U	0.6 U	0.46 U	0.6 U	0.43 U	0.36 U	0.5 U	0.6 U	0.43 U	0.5 U	0.45 U	0.5 U	0.6 U	0.6 U	0.4 U	0.6 U	0.5 U	0.39 U	0.5 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**4150**	**5130**	**2700**	**1540**	**779**	**1960**	**613**	**1160**	**1240**	**724**	**1280**	**1620**	**892**	**1090**	**1060**	**1510**	**971**	**1990**	**865**	**1110**	**1970**	**441**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**10**	**17.7**	**14.8**	**11.7**	**3**	**11.3**	**4.1**	**9.2**	**8.3**	**5.9**	**7.2**	**9.7**	**7.3**	**9.1**	**13.8**	**13.1**	**2.9**	**8.5**	**4**	**5.5**	**8.2**	**3.4**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**2.7**	**3.3**	**6.3**	**3.4**	**3.5**	**3.3**	**3.5**	**3.3**	**3.4**	**3.7**	**5.5**	**2.6**	**3.4**	**2.3**	**3.8**	**3.4**	**2.6**	**3.6**	**2.8**	**2.7**	**3.5**	**4.9**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**7**	**8**	**8.6**	**5.3**	**8.4**	**96.8**	**12.8**	**26.2**	**93.7**	**14.2**	**7.9**	**19.7**	**6.2**	**104**	**15.4**	**19.9**	**12.8**	**77.4**	**13.3**	**13.9**	**33.7**	**7.6**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**7150**	**9340 J**	**18100 J**	**10000 J**	**3180**	**7640**	**4720**	**6640**	**7100**	**7020**	**7400**	**7630**	**7050**	**6460**	**14600**	**12500**	**2920**	**6070**	**4690**	**5420**	**6510**	**3840**
Lead	7439-92-1	mg/kg	400	800	400	--	**28.6**	**15**	**16.2**	**8**	**16.3**	**43.6**	**14.3**	**36.2**	**33.5**	**9**	**11.6**	**22.8**	**13.5**	**19.7**	**6.3**	**8.6**	**26.4**	**38.9**	**29.5**	**23.2**	**38.5**	**9.3**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**1030**	**965**	**1350**	**657**	**248**	**632**	**212**	**470**	**495**	**304**	**872**	**594**	**664**	**417**	**885**	**1290**	**257**	**538**	**241**	**221**	**569**	**177**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**158**	**169**	**179**	**105**	**184**	**194**	**185**	**202**	**238**	**174**	**189**	**134**	**86.2**	**119**	**47**	**33.3**	**170**	**235**	**184**	**128**	**250**	**165**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	**0.027 UJ**	**0.0046 UJ**	0.11 U	0.1 U	0.071 U	**0.018 UJ**	0.068 U	**0.033 UJ**	**0.031 UJ**	0.076 U	0.076 U	**0.033 UJ**	0.077 U	**0.053 UJ**	0.08 U	0.079 U	0.085 U	**0.047 UJ**	0.08 U	0.077 U	**0.052 UJ**	0.074 U
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**5.8**	**9.3**	**8.9**	**7.4**	2.2 U	**6.7**	**3**	**5.7**	**5.2**	**3.6**	**13.5**	**6.6**	**6.9**	**5.3**	**8.8**	**8.4**	2.3 U	**5.3**	2.2 U	**2.3**	**5.2**	2.1 U
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**704**	**823**	**1220**	**563**	**429**	**825**	**336**	**619**	**658**	**371**	**920**	**761**	**512**	**549**	**612**	**816**	**330**	**642**	**348**	**279**	**682**	**244**
Selenium	7782-49-2	mg/kg	390	5800	390	--	**0.44 U**	**0.38 U**	**0.4 U**	2.7 U	1.1 U	2.3 U	1.1 U	2.1 U	1.8 U	1.1 U	1.2 U	2.2 U	1.1 U	2.2 U	1.1 U	1.1 U	1.1 U	**0.24 U**	1.1 U	1.1 U	**0.27 U**	1 U
Silver	7440-22-4	mg/kg	390	5800	390	--	0.43 U	0.5 U	0.41 U	0.54 U	1.1 U	0.46 U	1.1 U	0.43 U	0.36 U	1.1 U	1.2 U	0.43 U	1.1 U	0.45 U	1.1 U	1.1 U	1.1 U	0.4 U	1.1 U	1.1 U	0.39 U	1 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	490 U	444 U	433 U	538 U	55 U	388 U	55.1 U	376 U	414 U	53.6 U	57.8 U	417 U	54.4 U	390 U	**76.3**	**128**	56.5 U	390 U	55.5 U	53.5 U	498 U	51.3 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.43 U	0.5 U	0.41 U	0.54 U	0.6 U	0.46 U	0.6 U	0.43 U	0.36 U	0.5 U	0.6 U	0.43 U	0.5 U	0.45 U	0.5 U	0.6 U	0.6 U	0.4 U	0.6 U	0.5 U	0.39 U	0.5 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**13.8**	**27.2**	**22.6**	**17.7**	**4.6**	**14.7**	**5.4**	**12.4**	**11.5**	**10.3**	**8.5**	**13.7**	**9.1**	**13.7**	**21.4**	**18.4**	**4.1**	**12.4**	**5.3**	**7**	**11.8**	**5.4**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**21.8**	**19.6 J**	**18.8 J**	**12.9 J**	**47.6**	**83.1**	**49.1**	**64.9**	**81**	**26.1**	**35.1**	**63.7**	**32.2**	**76.2**	**12.4**	**12.3**	**70.9**	**127**	**79.5**	**64.9**	**110 J**	**40.7**
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.041 U	0.039 U	0.038 U	0.037 U	0.041 U	**NA**	0.04 U	**NA**	**NA**	0.039 U	0.042 U	**NA**	0.04 U	**NA**	0.039 U	0.039 U	0.042 U	**NA**	0.042 U	0.042 U	**NA**	0.038 U
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**0.00095 U**	0.0039 U	**0.00027 U**	**0.00079 U**	**0.0012 U**	**NA**	**0.0011 U**	**NA**	**NA**	**0.0013 U**	0.0042 U	**NA**	**0.00022 U**	**NA**	0.0039 U	0.0039 U	**0.0012 U**	**NA**	**0.0011 U**	**0.00091 U**	**NA**	**0.00083 U**
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	**0.00065 U**	**0.000086 U**	**0.00004 U**	**0.00025 U**	**0.001 U**	**NA**	**0.0032 U**	**NA**	**NA**	**0.00076 U**	**0.0011 U**	**NA**	**0.0037 U**	**NA**	**0.00022 U**	**0.00039 U**	**0.0052**	**NA**	**0.0033 U**	**0.0029 U**	**NA**	**0.0025 U**
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	**0.00095 U**	**0.00027 U**	**0.00023 U**	**0.00016 U**	**0.0021 U**	**NA**	**0.0022 U**	**NA**	**NA**	**0.002 U**	**0.0011 U**	**NA**	**0.001 U**	**NA**	**0.00023 U**	**0.00026 U**	**0.0038 U**	**NA**	**0.0068**	**0.0021 U**	**NA**	**0.0012 U**
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	**0.00079 U**	0.002 U	0.002 U	0.0019 U	0.0021 U	**NA**	0.002 U	**NA**	**NA**	0.002 U	0.0022 U	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	0.0022 U	**NA**	0.0021 U	0.0022 U	**NA**	0.0019 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.0023 U	0.002 U	0.002 U	0.0019 U	**0.0009 U**	**NA**	0.002 U	**NA**	**NA**	**0.000074 U**	**0.00004 U**	**NA**	0.0021 U	**NA**	**0.000074 U**	0.002 U	**0.0002 U**	**NA**	**0.0011 U**	0.0022 U	**NA**	0.0019 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.0021 U	0.002 U	0.002 U	0.0019 U	0.0021 U	**NA**	0.002 U	**NA**	**NA**	0.002 U	0.0022 U	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	0.0022 U	**NA**	0.0021 U	0.0022 U	**NA**	0.0019 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.0021 U	**0.000096 U**	0.002 U	**0.00032 U**	0.0021 U	**NA**	0.002 U	**NA**	**NA**	0.002 U	**0.00083 U**	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	0.0022 U	**NA**	0.0021 U	0.0022 U	**NA**	0.0019 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.21 UJ	0.2 U	0.2 U	0.19 U	**0.051 U**	**NA**	**0.071 U**	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.0021 U	0.002 U	0.002 U	0.0019 U	0.0021 U	**NA**	0.002 U	**NA**	**NA**	0.002 U	0.0022 U	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	0.0022 U	**NA**	0.0021 U	0.0022 U	**NA**	0.0019 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	**0.00054 U**	0.0039 U	0.0038 U	0.0037 U	0.0041 U	**NA**	0.004 U	**NA**	**NA**	0.0039 U	0.0042 U	**NA**	0.004 U	**NA**	0.0039 U	0.0039 U	0.0042 U	**NA**	0.0042 U	0.0042 U	**NA**	0.0038 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	**0.0005 U**	0.002 U	0.002 U	0.0019 U	0.0021 U	**NA**	0.002 U	**NA**	**NA**	0.002 U	0.0022 U	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	0.0022 U	**NA**	0.0021 U	0.0022 U	**NA**	0.0019 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	**0.000027 U**	**0.00066 U**	**0.00026 U**	**0.000042 U**	**0.00017 U**	**NA**	0.004 U	**NA**	**NA**	0.0039 U	**0.00003 U**	**NA**	0.004 U	**NA**	0.0039 U	0.0039 U	**0.0011 U**	**NA**	**0.00027 U**	0.0042 U	**NA**	0.0038 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.0041 U	**0.00021 U**	0.0038 U	**0.000057 U**	**0.00008 U**	**NA**	0.004 U	**NA**	**NA**	0.0039 U	**0.000053 U**	**NA**	0.004 U	**NA**	0.0039 U	0.0039 U	**0.000087 U**	**NA**	**0.00008 U**	**0.00014 U**	**NA**	0.0038 U
Endrin	72-20-8	mg/kg	19	250	18	--	0.0041 U	**0.00074 U**	**0.00066 U**	0.0037 U	**0.00044 U**	**NA**	**0.00079 U**	**NA**	**NA**	**0.00015 U**	0.0042 U	**NA**	0.004 U	**NA**	**0.00061 U**	**0.00057 U**	0.0042 U	**NA**	**0.00059 U**	0.0042 U	**NA**	0.0038 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	**0.00022 U**	0.0039 U	0.0038 U	0.0037 U	0.0041 U	**NA**	0.004 U	**NA**	**NA**	0.0039 U	0.0042 U	**NA**	0.004 U	**NA**	0.0039 U	0.0039 U	0.0042 U	**NA**	0.0042 U	0.0042 U	**NA**	0.0038 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.0041 U	**0.00024 U**	0.0038 U	0.0037 U	**0.00026 U**	**NA**	0.004 U	**NA**	**NA**	0.0039 U	**0.00018 U**	**NA**	0.004 U	**NA**	0.0039 U	0.0039 U	**0.00032 U**	**NA**	**0.0004 U**	0.0042 U	**NA**	0.0038 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	**0.00033 U**	0.002 U	0.002 U	0.0019 U	**0.00079 U**	**NA**	0.002 U	**NA**	**NA**	0.002 U	**0.00056 U**	**NA**	**0.00011 U**	**NA**	**0.00015 U**	**0.00033 U**	**0.002 U**	**NA**	**0.0013 U**	**0.00019 U**	**NA**	0.0019 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	0.0021 U	**0.00038 U**	**0.00023 U**	**0.000058 U**	**0.00024 U**	**NA**	0.002 U	**NA**	**NA**	0.002 U	**0.00018 U**	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	**0.00066 U**	**NA**	**0.0008 U**	0.0022 U	**NA**	0.0019 U
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	**0.00018 U**	0.002 U	0.002 U	0.0019 U	0.0021 U	**NA**	0.002 U	**NA**	**NA**	0.002 U	0.0022 U	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	0.0022 U	**NA**	**0.00025 U**	0.0022 U	**NA**	0.0019 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.0021 U	0.002 U	0.002 U	0.0019 U	**0.00032 U**	**NA**	**0.00042 U**	**NA**	**NA**	**0.00048 U**	**0.00013 U**	**NA**	0.0021 U	**NA**	0.002 U	0.002 U	**0.00035 U**	**NA**	0.0021 U	0.0022 U	**NA**	0.0019 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	0.021 U	0.02 U	0.02 U	0.019 U	**0.0008 U**	**NA**	**0.0023 U**	**NA**	**NA**	**0.0012 U**	**0.0013 U**	**NA**	**0.00072 U**	**NA**	**0.0013 U**	**0.00023 U**	**0.001 U**	**NA**	**0.00097 U**	**0.00027 U**	**NA**	**0.00091 U**
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.21 U	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.21 U	0.22 U	**NA**	0.19 U
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.12 U	0.11 U	0.1 U	0.1 U	0.12 UJ	**NA**	0.11 UJ	**NA**	**NA**	0.11 UJ	0.15 UJ	**NA**	0.11 UJ	**NA**	0.098 UJ	0.088 UJ	0.15 UJ	**NA**	0.14 UJ	0.11 UJ	**NA**	0.12 UJ
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.41 UJ	0.39 UJ	0.38 UJ	0.37 UJ	0.42 UJ	**NA**	0.4 U	**NA**	**NA**	0.39 U	0.43 U	**NA**	0.41 U	**NA**	0.39 U	0.39 U	0.42 U	**NA**	0.42 U	0.42 U	**NA**	0.37 U
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.41 UJ	0.39 U	0.38 U	0.37 U	0.42 U	**NA**	0.4 U	**NA**	**NA**	0.39 U	0.43 U	**NA**	0.41 U	**NA**	0.39 U	0.39 U	0.42 U	**NA**	0.42 U	0.42 U	**NA**	0.37 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
3,3'-dichlorobenzidine	91-94-1	mg/kg	1.2	5.1	120	--	0.21 UR	0.2 UR	0.2 UR	0.19 U	0.21 UR	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 UR	**NA**	0.21 U	**NA**	0.2 UR	0.2 U	0.22 UR	**NA**	0.22 UR	0.22 UR	**NA**	0.19 U
3-Nitroaniline	99-09-2	mg/kg	NP	NP	NP	--	0.41 UJ	0.39 U	0.38 U	0.37 U	0.42 U	**NA**	0.4 U	**NA**	**NA**	0.39 UJ	0.43 U	**NA**	0.41 U	**NA**	0.39 U	0.39 U	0.42 U	**NA**	0.42 U	0.42 UJ	**NA**	0.37 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1	66	4.9	--	0.41 UJ	0.39 U	0.38 U	0.37 U	0.42 U	**NA**	0.4 U	**NA**	**NA**	0.39 U	0.43 U	**NA**	0.41 U	**NA**	0.39 U	0.39 U	0.42 U	**NA**	0.42 U	0.42 U	**NA**	0.37 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP	NP	NP	--	0.21 UJ	0.2 U	0.2 U	0.19 U	0.21 U	**NA**	0.2 U	**NA**	**NA**	0.2 U	0.22 U	**NA**	0.21 U	**NA**	0.2 U	0.2 U	0.22 U	**NA**	0.22 U	0.22 U	**NA**	0.19 U
4-Chloro-3-methylphenol	59-50-7	mg/

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-011-004-00-51 6/1/2015	WO-011-004-06-51 6/2/2015	WO-011-004-12-51 6/2/2015	WO-011-004-24-51 6/2/2015	WO-017-001-00-51 5/20/2015	WO-017-001-00-515 6/8/2015	WO-017-001-06-51 5/21/2015	WO-017-001-06-515 6/9/2015	WO-017-001-06-525 6/9/2015	WO-017-001-12-51 5/21/2015	WO-017-002-00-51 5/20/2015	WO-017-002-00-515 6/10/2015	WO-017-002-06-51 5/21/2015	WO-017-002-06-515 6/8/2015	WO-017-002-12-51 5/21/2015	WO-017-002-24-51 5/21/2015	WO-017-003-00-51 5/20/2015	WO-017-003-00-515 6/10/2015	WO-017-003-00-52 5/20/2015	WO-017-003-06-51 5/21/2015	WO-017-003-06-515 6/10/2015	WO-017-003-12-51 5/21/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	**0.015 J**	**0.012**	**0.033**	**0.016**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.0041 J**	**0.019 J**	**NA**	**0.012**	**NA**	**0.0014 U**	**0.0032 U**	**0.015 J**	**NA**	**0.017 J**	**0.013 J**	**NA**	**0.0092**
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	**0.0093 J**	**0.0015 U**	**0.0029 U**	0.0037 U	**0.033 U**	**NA**	**0.087 U**	**NA**	**NA**	**0.0017 U**	**0.0018 U**	**NA**	**0.0041**	**NA**	0.0039 U	**0.0015 U**	**0.0021 U**	**NA**	**0.0019 U**	**0.0065 J**	**NA**	**0.0051**
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	**0.0045 J**	**0.0033 U**	**0.0089**	**0.0044**	**0.082**	**NA**	**0.08 U**	**NA**	**NA**	**0.001 U**	**0.0056 J**	**NA**	**0.0033 U**	**NA**	0.0039 U	**0.00097 U**	**0.0043 J**	**NA**	**0.0045 J**	**0.0033 U**	**NA**	**0.0022 U**
Chrysene	218-01-9	mg/kg	16	290	1500	--	**0.018 J**	**0.015**	**0.037**	**0.018**	**0.17**	**NA**	**NA**	**NA**	**NA**	**0.0034 U**	**0.014 J**	**NA**	**0.01**	**NA**	**0.0012 U**	**0.0031 U**	**0.011 J**	**NA**	**0.012 J**	**0.012 J**	**NA**	**0.016**
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	**0.0028 U**	**0.002 U**	**0.0055 U**	**0.0025 U**	**0.029 U**	**NA**	**0.029 U**	**NA**	**NA**	0.0039 U	**0.0023 U**	**NA**	**0.0015 U**	**NA**	0.0039 U	0.0039 U	**0.0021 U**	**NA**	**0.0022 U**	**0.0019 U**	**NA**	**0.0017 U**
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	**0.014 J**	**0.011**	**0.027**	**0.012**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.0035 U**	**0.015 J**	**NA**	**0.0015 U**	**NA**	**0.0096**	**0.0031 U**	**0.01 J**	**NA**	**0.011 J**	**0.012 J**	**NA**	**0.0064**
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.0041 UJ	0.0039 U	0.0076 U	0.0037 U	**0.025 U**	**NA**	**0.027 U**	**NA**	**NA**	0.0039 UJ	0.0043 UJ	**NA**	0.0041 U	**NA**	0.0039 U	0.0039 U	0.0042 UJ	**NA**	0.0042 UJ	0.0042 UJ	**NA**	0.0037 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	**0.0099 J**	**0.0066**	**0.019**	**0.0084**	**0.14**	**NA**	**0.14**	**NA**	**NA**	**0.0026 U**	**0.01 J**	**NA**	**0.0069**	**NA**	0.0039 U	**0.0019 U**	**0.0062 J**	**NA**	**0.0084 J**	**0.0078 J**	**NA**	**0.0055**
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	0.0041 UJ	**0.002 U**	0.0076 U	0.0037 U	**0.048**	**NA**	0.12 U	**NA**	**NA**	0.0039 UJ	0.0043 UJ	**NA**	**0.00085 U**	**NA**	0.0039 U	0.0039 U	0.0042 UJ	**NA**	**0.0012 U**	0.0042 UJ	**NA**	0.0037 U
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.0083 UJ	0.0078 UJ	0.015 UJ	0.0075 UJ	0.085 U	**NA**	0.24 U	**NA**	**NA**	**NA**	**NA**	**NA**	**0.001 U**	**NA**	0.0079 U	**0.0034 U**	**NA**	**NA**	**NA**	**NA**	**NA**	0.0076 U
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	**0.0067 J**	**0.0068**	**0.0095**	**0.0055**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.0026 U**	**0.0044 J**	**NA**	**0.0031 U**	**NA**	**0.0011 U**	**0.0016 U**	**0.0029 U**	**NA**	**0.0038 U**	**0.0092 J**	**NA**	0.81
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	**0.018 J**	**0.016**	**0.032**	**0.015**	**NA**	**NA**	**NA**	**NA**	**NA**	**0.0034 U**	**0.015 J**	**NA**	**0.012**	**NA**	**0.0015 U**	**0.0065**	**0.012 J**	**NA**	**0.012 J**	**0.014 J**	**NA**	**0.014**
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.012 U	0.011 U	0.01 U	**0.012**	0.012 U	**NA**	0.011 U	**NA**	**NA**	0.011 U	0.015 U	**NA**	**0.0075 U**	**NA**	0.0098 U	0.0088 U	0.015 U	**NA**	**0.0059 U**	**0.014**	**NA**	0.012 U
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.012 U	0.011 U	0.01 U	0.01 U	0.012 U	**NA**	0.011 U	**NA**	**NA**	0.011 U	0.015 U	**NA**	0.011 U	**NA**	0.0098 U	0.0088 U	0.015 U	**NA**	0.014 U	0.011 U	**NA**	0.012 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.012 U	0.011 U	0.01 U	0.01 U	0.012 U	**NA**	0.011 U	**NA**	**NA**	0.011 U	0.015 U	**NA**	0.011 U	**NA**	0.0098 U	0.0088 U	0.015 U	**NA**	0.014 U	0.011 U	**NA**	0.012 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	**0.01 U**	0.011 U	**0.01**	**0.0099 U**	0.012 U	**NA**	0.011 U	**NA**	**NA**	0.011 U	0.015 U	**NA**	0.011 U	**NA**	0.0098 U	0.0088 U	**0.012 U**	**NA**	**0.024**	**0.032**	**NA**	0.012 U
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 UR	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.006 UR	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	**0.00046 U**	**0.00064 U**	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	**0.00049 U**	0.0056 U	**0.00027 U**	**0.00025 U**	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	**0.0005 U**	**NA**	**0.00059 U**	0.0056 U	**NA**	0.0058 U
o-Xylene	95-47-6	mg/kg	650	2800	650	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	**0.011 J**	**0.0029 U**	**0.0021 U**	**0.0029 U**	**0.00066 U**	**NA**	**0.00022 U**	**NA**	**NA**	**0.00062 U**	**0.0016 U**	**NA**	0.0055 U	**NA**	**0.00016 U**	0.0044 U	**0.0023 U**	**NA**	**0.00093 U**	**0.00042 U**	**NA**	**0.00047 U**
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 U	0.0056 U	**NA**	0.0058 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.006 U	0.0056 U	0.005 U	0.0051 U	0.0062 U	**NA**	0.0054 U	**NA**	**NA**	0.0053 U	0.0077 U	**NA**	0.0055 U	**NA**	0.0049 U	0.0044 U	0.0075 U	**NA**	0.0068 UJv	0.0056 U	**NA**	0.0058 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-017-003-12.52 5/21/2015	WO-017-003-24.51 5/21/2015	WO-017-004-00.51 5/20/2015	WO-017-004-00-51S 6/9/2015	WO-017-004-06-51 5/21/2015	WO-017-004-06-51S 6/10/2015	WO-017-006-12.51 5/21/2015	WO-017-004-24.51 5/21/2015	WO-017-005-00.51 5/20/2015	WO-017-005-00-51S 6/11/2015	WO-017-005-06-51 5/20/2015	WO-017-005-06-51S 6/10/2015	WO-017-005-12.51 5/20/2015	WO-017-005-24.51 5/20/2015	WO-017-006-00-51 5/20/2015	WO-017-006-00-51S 6/11/2015	WO-017-006-06-51 5/20/2015	WO-017-006-06-51S 6/10/2015	WO-017-006-12.51 5/20/2015	WO-019-001-00-51 6/3/2015	WO-019-001-00-52 6/3/2015	WO-019-001-06-51 6/3/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**1450**	**5090**	**1270**	**2930**	**1770**	**3100**	**2400**	**2690**	**1580**	**2810**	**1640**	**3460**	**1250**	**5650**	**1430**	**2860**	**3140**	**2830**	**3070**	**2740**	**2110**	**3800**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.5 U	0.6 U	0.6 U	0.94 UJ	0.5 UJ, U	0.95 UJ	0.5 U	0.5 U	0.6 UJ	0.95 UJ	0.5 U	0.94 UJ	0.5 U	0.6 U	0.5 U	0.77 UJ	0.5 U	0.89 UJ	0.5 U	0.86 UJ	1 UJ	0.79 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**0.9**	**1.5**	**0.8**	**1.4**	**1.4**	**1.4**	**2.6**	**1.2**	**1.5**	**3**	**1.5**	**3.4**	**0.8**	**2**	**1**	**1.2**	**1.9**	**1.3**	**2.2**	**1.2**	**1.1**	**1.3**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**21.9**	**29**	**32.2**	**60.4**	**26.2**	**49.9**	**30.8**	**19.9**	**27.4**	**43.3**	**25.2**	**45.6**	**18**	**21.8**	**19.6**	**28.9**	**18.7**	**31.7**	**23.3**	**31.9**	**40**	**39.6**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.5 U	0.6 U	0.6 U	0.47 U	0.5 U	0.47 U	0.5 U	0.5 U	0.6 U	0.45 U	0.5 U	0.47 U	0.5 U	0.6 U	0.5 U	0.39 U	0.5 U	0.45 U	0.5 U	0.43 U	0.51 U	0.39 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.5 U	0.6 U	**0.9**	0.47 U	0.5 U	0.47 U	0.5 U	0.5 U	0.6 U	0.45 U	0.5 U	0.47 U	0.5 U	0.6 U	0.5 U	0.39 U	0.5 U	0.45 U	0.5 U	0.43 U	0.51 U	0.39 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**437**	**716**	**914**	**1980**	**1310**	**1510**	**1510**	**7710**	**487**	**918**	**6540**	**774**	**6610**	**431**	**540**	**1360**	**851**	**746**	**768**	**671**	**494** U	**559**	**503**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**2.4**	**6.5**	**3.4**	**7.5**	**3.7**	**6.6**	**3.8**	**2.9**	**3.1**	**7.3**	**4.5**	**8.4**	**2.4**	**7.6**	**4.5**	**5.9**	**4.5**	**6**	**4.8**	**6.3**	**5.8**	**9.3**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**4.2**	**2.8**	2.2 U	**2.2**	2.1 U	**2**	**2.8**	**3**	2.3 U	**2.6**	2.2 U	**3.2**	2.1 U	2.2 U	2.2 U	**1.9**	**2.3**	**2.2**	**4.6**	**1.8**	**1.4**	**1.7**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**6.6**	**10.1**	**6.9**	**108**	**7.8**	**18.3**	**3.7**	**2.5**	**6.3**	**41.1**	**5.4**	**24.9**	**3.1**	**7.1**	**4.3**	**14**	**3.8**	**27.6**	**5.8**	**2.2**	**2**	**2.3**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**2810**	**5320**	**4570**	**5340**	**4520**	**4930**	**3450**	**4050**	**3220**	**6500**	**3630**	**7310**	**2280**	**8660**	**2700**	**4390**	**5940**	**4480**	**7940**	**4170**	**3570**	**4710**
Lead	7439-92-1	mg/kg	400	800	400	--	**11.3**	**10**	**20.3**	**46.9**	**22.7**	**39.1**	**9.4**	**6**	**18.9**	**24.2**	**15.8**	**27**	**8.1**	**3.7**	**12**	**20.3**	**6.9**	**19.2**	**7.4**	**9.6**	**9.2**	**5.2**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**160**	**480**	**237**	**601**	**309**	**523**	**285**	**242**	**286**	**3030**	**252**	**1260**	**165**	**374**	**613**	**425**	**359**	**382**	**291**	**494** U	**494** U	**432** U
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**147**	**88.1**	**109**	**176**	**94** J	**139**	**136**	**70.5**	**161** J	**289**	**147**	**309**	**106**	**36.5**	**102**	**135**	**76.8**	**151**	**190**	**107**	**97.9**	**85.2**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	0.060 U	0.074 U	0.073 U	**0.093 U**	0.079 U	**0.07 U**	0.07 U	0.07 U	0.077 U	**0.032 U**	0.078 U	**0.039 U**	0.077 U	0.078 U	0.082 U	**0.042 U**	0.08 U	**0.057 U**	0.079 U	**0.016 U**	**0.013 U**	**0.012 U**
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	2.1 U	**3.9**	**2.7**	**5.3**	**3**	**4.3**	**3.1**	2.3 U	2.3 U	**4.5**	2.2 U	**5.1**	2.1 U	**2.6**	2.2 U	**3.2**	**2.3**	**3.6**	**2.4**	**3**	**2.6**	**4.4**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**226**	**619**	**287**	**553**	**327**	**497**	**322**	**325**	**326**	**579**	**295**	**572**	**204**	**477**	**330**	**457**	**388**	**403**	**332**	**494** U	**494** U	**432** U
Selenium	7782-49-2	mg/kg	390	5800	390	--	1 U	1.1 U	1.1 U	2.4 U	1.1 U	2.4 U	1 U	1 U	1.1 U, U	2.3 U	1.1 U	2.3 U	1.1 U	1.1 U	1.1 U	1.9 U	1.1 U	2.2 U	1.1 U	2.2 U	2.6 U	**0.31 U**
Silver	7440-22-4	mg/kg	390	5800	390	--	1 U	1.1 U	1.1 U	0.47 U	1.1 U	0.47 U	1 U	1 U	1.1 U	0.45 U	1.1 U	0.47 U	1.1 U	1.1 U	1.1 U	0.39 U	1.1 U	0.45 U	1.1 U	0.43 U	0.51 U	0.39 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	52.4 U	**195**	55.4 U	450 U	53.6 U	371 U	52.2 U	52.3 U	57 U	408 U	54.9 U	374 U	52.6 U	55.6 U	54.3 U	350 U	53.5 U	343 U	53.7 U	494 U	494 U	432 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.5 U	0.6 U	0.6 U	0.47 U	0.5 U	0.47 U	0.5 U	0.5 U	0.6 U	0.45 U	0.5 U	0.47 U	0.5 U	0.6 U	0.5 U	0.39 U	0.5 U	0.45 U	0.5 U	0.43 U	0.51 U	0.39 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**3.4**	**9.4**	**4.5**	**10.3**	**4.4**	**9.7**	**8.1**	**5.4**	**4.8**	**11.2**	**6.2**	**13.2**	**4**	**14.4**	**4.6**	**8.4**	**9.3**	**9.8**	**11.7**	**10.4**	**9.5**	**15.3**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**35.8**	**29.9**	**78.2**	**153**	**57.4**	**100** J	**33.2**	**24.4**	**55.2**	**65** J	**41.8**	**68.3**	**19.3**	**7.1**	**31**	**51.2** J	**12.2**	**49.5**	**14.7**	**18.4**	**16.5**	**13.9**
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.037 U	0.039 U	0.04 U	**NA**	0.1	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.037 U	0.039 U	0.04 U	**NA**	0.039 U	**NA**	0.037 U	0.037 U	0.04 U	**NA**	0.038 U	**NA**	0.038 U	0.038 U	0.04 U	**NA**	0.038 U	**NA**	0.037 U	0.042 U	0.042 U	0.04 U
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**0.00019 U**	**0.00045 U**	**0.0054** J	**NA**	**0.0085** J	**NA**	**0.0054**	**0.00075 U**	**0.00085 U**	**NA**	**0.00075 U**	**NA**	**0.00023 U**	0.0038 U	**0.00063 U**	**NA**	**0.00029 U**	**NA**	0.0037 U	**0.00026 U**	**0.00027 U**	**0.00039 U**
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	**0.0029 U**	**0.0025 U**	**0.0021 U**	**NA**	**0.0039** J	**NA**	**0.0016 U**	**0.00013 U**	**0.0013 U**	**NA**	**0.00068 U**	**NA**	**0.00018 U**	**0.00079 U**	**0.00079 U**	**NA**	**0.00014 U**	**NA**	**0.00012 U**	0.0042 U	0.0042 U	0.004 U
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	**0.0023 U**	**0.0013 U**	**0.0051**	**NA**	**0.01** J	**NA**	**0.0016 U**	**0.0013 U**	**0.0017 U**	**NA**	**0.0009 U**	**NA**	**0.00011 U**	**0.00019 U**	**0.00028 U**	**NA**	**0.00015 U**	**NA**	**0.00015 U**	0.0042 U	**0.00059 U**	**0.00017 U**
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.0019 U	0.002 U	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	0.0019 U	0.002 U	**NA**	0.002 U	**NA**	0.002 U	0.002 U	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	**0.00081 U**	0.0022 U	0.0021 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.0019 U	0.002 U	0.002 U	**NA**	**0.000058 U**	**NA**	**0.000044 U**	0.0019 U	**0.00019 U**	**NA**	**0.00033 U**	**NA**	**0.000043 U**	**0.00019 U**	**0.00026 U**	**NA**	**0.00037 U**	**NA**	**0.00025 U**	0.0022 U	0.0022 U	0.0021 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.0019 U	0.002 U	**0.0025** J	**NA**	**0.0095** J	**NA**	**0.0088** J	**0.000077 U**	0.002 U	**NA**	0.002 U	**NA**	0.002 U	0.002 U	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	0.0022 U	0.0022 U	0.0021 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.0019 U	0.002 U	**0.0017 U**	**NA**	0.002 U	**NA**	0.0019 U	0.0019 U	**0.00052 U**	**NA**	**0.0017 U**	**NA**	**0.0017 U**	0.002 U	**0.00059 U**	**NA**	**0.00049 U**	**NA**	**0.00053 U**	0.0022 U	0.0022 U	0.0021 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.0019 U	0.002 U	**0.0022**	**NA**	0.002 U	**NA**	0.0019 U	0.0019 U	0.002 U	**NA**	0.002 U	**NA**	0.002 U	0.002 U	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	0.0022 U	0.0022 U	0.0021 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	0.0037 U	0.0039 U	0.004 U	**NA**	0.0039 U	**NA**	0.0037 U	0.0037 U	0.004 U	**NA**	0.0038 U	**NA**	0.0038 U	**0.00026 U**	0.004 U	**NA**	0.0038 U	**NA**	0.0037 U	**0.00026 U**	**0.00027 U**	**0.00029 U**
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.0019 U	0.002 U	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	0.0019 U	0.002 U	**NA**	0.002 U	**NA**	0.002 U	**0.00012 U**	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	0.0022 U	0.0022 U	0.0021 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	0.0037 U	0.0039 U	**0.0013 U**	**NA**	0.0039 U	**NA**	0.0037 U	0.0037 U	**0.00066 U**	**NA**	**0.00078 U**	**NA**	**0.000029 U**	**0.000053 U**	**0.00086 U**	**NA**	**0.00027 U**	**NA**	**0.000015 U**	**0.000021 U**	0.0042 U	0.0041 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.0037 U	0.0039 U	0.004 U	**NA**	**0.00019 U**	**NA**	**0.0003 U**	0.0037 U	**0.00014 U**	**NA**	0.0038 U	**NA**	0.0038 U	**0.00052 U**	**0.00099 U**	**NA**	0.0038 U	**NA**	0.0037 U	0.0042 U	0.0042 U	0.004 U
Endrin	72-20-8	mg/kg	19	250	18	--	0.0037 U	0.0039 U	**0.0014 U**	**NA**	**0.00096 U**	**NA**	**0.0016 U**	0.0037 U	0.004 U	**NA**	**0.00098 U**	**NA**	**0.00077 U**	0.0038 U	0.004 U	**NA**	**0.00053 U**	**NA**	**0.00057 U**	0.0042 U	**0.00035 U**	**0.00038 U**
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.0037 U	0.0039 U	0.004 U	**NA**	0.0039 U	**NA**	0.0037 U	0.0037 U	0.004 U	**NA**	0.0038 U	**NA**	0.0038 U	0.0038 U	0.004 U	**NA**	0.0038 U	**NA**	0.0037 U	**0.00066 U**	**0.001 U**	**0.00028 U**
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.0037 U	0.0039 U	**0.0012 U**	**NA**	0.0039 U	**NA**	0.0037 U	0.0037 U	**0.00035 U**	**NA**	**0.00027 U**	**NA**	**0.00018 U**	0.0038 U	**0.00014 U**	**NA**	**0.00026 U**	**NA**	**0.00021 U**	0.0042 U	0.0042 U	0.004 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	**0.000064 U**	0.002 U	**0.0015 U**	**NA**	**0.00027 U**	**NA**	**0.00011 U**	0.0019 U	**0.00084 U**	**NA**	**0.00040 U**	**NA**	**0.00015 U**	0.002 U	**0.00038 U**	**NA**	**0.00073 U**	**NA**	**0.00015 U**	**0.00023 U**	**0.00022 U**	**0.00025 U**
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	0.0019 U	0.002 U	**0.0035** J	**NA**	**0.016** J	**NA**	**0.013** J	0.0019 U	**0.00015 U**	**NA**	**0.00033 U**	**NA**	**0.0002 U**	**0.00015 U**	**0.00039 U**	**NA**	**0.00017 U**	**NA**	0.0019 U	**0.00017 U**	**0.00023 U**	**0.00017 U**
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.0019 U	0.002 U	**0.00086 U**	**NA**	**0.0031**	**NA**	0.0019 U	0.0019 U	0.002 U	**NA**	**0.0002 U**	**NA**	0.002 U	0.002 U	**0.000085 U**	**NA**	**0.00068 U**	**NA**	0.0019 U	0.0022 U	0.0022 U	0.0021 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.0019 U	0.002 U	**0.0017 U**	**NA**	**0.008**	**NA**	**0.0009**	**0.0011 U**	0.002 U	**NA**	0.002 U	**NA**	0.002 U	**0.00041 U**	0.002 U	**NA**	0.002 U	**NA**	0.0019 U	0.0022 U	0.0022 U	0.0021 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	**0.00058 U**	0.02 U	**0.00088 U**	**NA**	0.02 U	**NA**	0.019 U	0.019 U	**0.0014 U**	**NA**	0.02 U	**NA**	0.02 U	0.02 U	**0.00065 U**	**NA**	**0.00087 U**	**NA**	**0.0013 U**	**0.00066 U**	**0.0023 U**	0.021 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.19 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	0.19 U	0.22 U	0.22 U	0.21 U
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.11 UJ	0.11 UJ	0.11 UJ	**NA**	0.12 UJ	**NA**	0.087 UJ	0.094 UJ	0.1 UJ	**NA**	0.11 UJ	**NA**	0.11 UJ	0.11 UJ	0.094 UJ	**NA**	0.094 UJ	**NA**	0.091 UJ	0.17 U	0.14 U	0.1 U
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UR
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.37 U	0.39 U	1.2 U	**NA**	0.38 U	**NA**	0.37 U	0.37 U	0.4 U	**NA**	0.38 U	**NA**	0.38 U	0.39 U	1.6 U	**NA**	0.38 U	**NA**	0.37 U	0.42 UJ	0.42 UJ	0.4 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UR
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.37 U	0.39 U	1.2 U	**NA**	0.38 U	**NA**	0.37 U	0.37 U	0.4 U	**NA**	0.38 U	**NA**	0.38 U	0.39 U	1.6 U	**NA**	0.38 U	**NA**	0.37 U	0.42 UJ	0.42 UJ	0.4 UJ
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 U	**NA**	0.2 U	**NA**	0.2 U	0.2 U	0.81 U	**NA**	0.2 U	**NA**	0.19 U	0.22 UJ	0.22 UJ	0.21 UJ
3,3'-Dichlorobenzidine	91-94-1	mg/kg	1.2	5.1	120	--	0.19 U	0.2 U	0.61 U	**NA**	0.2 U	**NA**	0.19 U	0.19 U	0.2 UR	**NA**	0.2 UR	**NA**	0.2 UR	0.2 U	0.81 U	**NA**	0.2 UR	**NA**	0.19 U	0.22 UR	0.22 UR	0.21 UR
3-Nitroaniline	99-09-2	mg/kg	NP	NP	NP	--	0.37 U	0.39 U	1.2 U	**NA**	0.38 U	**NA**	0.37 U	0.37 U	0.4 U	**NA**	0.38 U	**NA**	0.38 U	0.39 U	1.6 U	**NA**	0.38 U	**NA**	0.37 U	0.42 UJ	0.42 UJ	0.4 UJ
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1	66	4.9	--	0.37 U	0.39 U	1.2 U	**NA**	0.38 U	**NA**	0.37 U	0.37 U	0.4 U	**NA**	0.38 U	**NA**	0.38 U	0.39 U	1.6 U	**NA**	0.38 U	**NA**	0.37 U	0.42 UJ	0.42 UJ	0.4 UJ
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP	NP	NP	--	0.19 U	0.2 U	0

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-017-003-12-S2 5/21/2015	WO-017-003-24-S1 5/21/2015	WO-017-004-00-S1 5/20/2015	WO-017-004-00-S1S 6/9/2015	WO-017-004-06-S1 5/21/2015	WO-017-004-06-S1S 6/10/2015	WO-017-004-12-S1 5/21/2015	WO-017-004-24-S1 5/21/2015	WO-017-005-00-S1 5/20/2015	WO-017-005-00-S1S 6/11/2015	WO-017-005-06-S1 5/20/2015	WO-017-005-06-S1S 6/10/2015	WO-017-005-12-S1 5/20/2015	WO-017-005-24-S1 5/20/2015	WO-017-006-00-S1 5/20/2015	WO-017-006-00-S1S 6/11/2015	WO-017-006-06-S1 5/20/2015	WO-017-006-06-S1S 6/10/2015	WO-017-006-12-S1 5/20/2015	WO-019-001-00-S1 6/3/2015	WO-019-001-00-S2 6/3/2015	WO-019-001-06-S1 6/3/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	**0.0097**	**0.0054**	**0.065 J**	**NA**	**0.023 J**	**NA**	**0.0076**	**0.0016 LJ**	**0.048 J**	**NA**	**0.07 J**	**NA**	**0.025 J**	0.0039 U	**0.017 J**	**NA**	**0.0045 J**	**NA**	**0.00092 LJ**	**0.0094 J**	**0.019 J**	**0.0026 LJ**
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	**0.0027 LJ**	**0.0017 LJ**	**0.0046 LJ**	**NA**	**0.0021 LJ**	**NA**	0.0037 U	0.0037 U	**0.0057 LJ**	**NA**	**0.0085 LJ**	**NA**	**0.0019 LJ**	0.0039 U	0.016 UJ	**NA**	0.0038 UJ	**NA**	0.0037 U	**0.0014 LJ**	**0.0022 LJ**	0.004 UJ
Benzo(j)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	**0.0024 LJ**	**0.0013 LJ**	**0.015 J**	**NA**	**0.0055 J**	**NA**	**0.0023 LJ**	0.0037 U	**0.014 J**	**NA**	**0.022 J**	**NA**	**0.0079 J**	0.0039 U	**0.0041 LJ**	**NA**	**0.0013 LJ**	**NA**	0.0037 U	**0.0031 LJ**	**0.0067 J**	0.004 UJ
Chrysene	218-01-9	mg/kg	16	290	1500	--	**0.0064**	**0.005**	**0.042 J**	**NA**	**0.016 J**	**NA**	**0.0056**	**0.0012 LJ**	**0.035 J**	**NA**	**0.057 J**	**NA**	**0.021 J**	0.0039 U	**0.013 LJ**	**NA**	**0.0042 J**	**NA**	**0.00082 LJ**	**0.0071 J**	**0.014 J**	**0.002 LJ**
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	**0.0011 LJ**	0.0039 U	**0.0062 LJ**	**NA**	**0.0032 LJ**	**NA**	**0.001 LJ**	0.0037 U	**0.0067 LJ**	**NA**	**0.0086 LJ**	**NA**	**0.0033 LJ**	0.0039 U	0.016 UJ	**NA**	0.0038 UJ	**NA**	0.0037 U	**0.0012 LJ**	**0.0024 LJ**	0.004 UJ
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	**0.0042**	**0.004**	**0.04 J**	**NA**	**0.013 J**	**NA**	**0.0031 LJ**	**0.0012 LJ**	**0.024 J**	**NA**	**0.071 J**	**NA**	**0.02 J**	**0.0039 J**	**0.01 LJ**	**NA**	**0.004 J**	**NA**	0.0037 U	**0.0083 J**	**0.018 J**	**0.0024 LJ**
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.0037 U	0.0039 U	0.012 UJ	**NA**	0.0038 UJ	**NA**	0.0037 U	0.0037 U	0.0079 UJ	**NA**	0.015 UJ	**NA**	0.0038 UJ	0.0039 U	0.016 UJ	**NA**	0.0038 UJ	**NA**	0.0037 U	0.0042 UJ	0.0042 UJ	0.004 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	**0.0047**	**0.0027 LJ**	**0.028 J**	**NA**	**0.014 J**	**NA**	**0.0047**	**0.00094 LJ**	**0.027 J**	**NA**	**0.034 J**	**NA**	**0.013 J**	0.0039 U	**0.0079 LJ**	**NA**	**0.0023 LJ**	**NA**	0.0037 U	**0.0052 J**	**0.01 J**	**0.0015 LJ**
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	0.0037 U	0.0039 U	0.012 UJ	**NA**	0.0038 UJ	**NA**	0.0037 U	0.0037 U	**0.0023 LJ**	**NA**	0.015 UJ	**NA**	0.0038 UJ	**0.0018 LJ**	0.016 UJ	**NA**	**0.0011 LJ**	**NA**	0.0037 U	0.0042 UJ	0.0042 UJ	0.004 UJ
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.0075 U	0.0078 U	**NA**	**NA**	**NA**	**NA**	0.0075 U	0.0076 U	**0.0025 LJ**	**NA**	**NA**	**NA**	**0.00098 LJ**	0.0079 U	**NA**	**NA**	**NA**	**NA**	0.0075 U	0.0086 UJ	0.0086 UJ	0.0081 UJ
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	**0.0016 LJ**	**0.0013 LJ**	**0.012 J**	**NA**	**0.0045 J**	**NA**	**0.0012 LJ**	0.0037 U	**0.0054 LJ**	**NA**	**0.013 LJ**	**NA**	**0.0032 LJ**	0.0039 U	0.016 UJ	**NA**	**0.002 LJ**	**NA**	0.0037 U	**0.0026 LJ**	**0.0034 LJ**	**0.0015 LJ**
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	**0.006**	**0.0045**	**0.035 J**	**NA**	**0.012 J**	**NA**	**0.0049**	**0.0012 LJ**	**0.025 J**	**NA**	**0.065 J**	**NA**	**0.021 J**	0.0039 U	**0.015 LJ**	**NA**	**0.0045 J**	**NA**	0.0037 U	**0.01 J**	**0.019 J**	**0.0025 LJ**
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.011 U	**0.015**	0.011 U	**NA**	0.012 U	**NA**	0.0087 U	**0.023**	0.01 U	**NA**	0.011 U	**NA**	0.011 U	0.011 U	**0.0086 LJ**	**NA**	0.0094 U	**NA**	**0.0089 LJ**	0.017 U	0.014 U	**0.012**
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.011 U	0.011 U	0.011 U	**NA**	0.012 U	**NA**	0.0087 U	0.0094 U	0.01 U	**NA**	0.011 U	**NA**	0.011 U	0.011 U	0.0094 U	**NA**	0.0094 U	**NA**	0.0091 U	0.017 U	0.014 U	0.01 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.011 U	0.011 U	0.011 U	**NA**	0.012 U	**NA**	0.0087 U	0.0094 U	0.01 U	**NA**	0.011 U	**NA**	0.011 U	0.011 U	0.0094 U	**NA**	0.0094 U	**NA**	0.0091 U	0.017 U	0.014 U	0.01 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	0.011 U	0.011 UM	**0.011**	**NA**	0.012 UM	**NA**	0.0087 U	**0.049**	0.01 U	**NA**	0.011 U	**NA**	**0.0053 LJ**	**0.0036 LJ**	**0.012**	**NA**	0.0094 U	**NA**	**0.0077 LJ**	**0.015 LJ**	**0.0086 LJ**	**0.025**
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 UR	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 UR	0.007 UR	0.005 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	**0.00044 LJ**	**0.00044 LJ**	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	**0.0006 LJ**	0.007 U	**0.00023 LJ**
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0056 U	0.0057 U	**0.00042 LJ**	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	**0.0024 LJ**	**NA**	**0.00043 LJ**	0.0056 U	**0.00028 LJ**	**NA**	0.0047 U	**NA**	**0.00024 LJ**	0.0083 U	0.007 U	0.005 U
o-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	**0.00041 LJ**	**0.00084 LJ**	**0.00052 LJ**	**NA**	**0.0023 LJ**	**NA**	**0.0007 LJ**	**0.002 LJ**	**0.0016 LJ**	**NA**	**0.0006 LJ**	**NA**	**0.00093 LJ**	**0.0008 LJ**	**0.0011 LJ**	**NA**	**0.00073 LJ**	**NA**	**0.00081 LJ**	**0.017 J**	**0.0073**	**0.0017 LJ**
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 U	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 U	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0056 U	0.0057 U	0.0053 U	**NA**	0.0058 U	**NA**	0.0043 U	0.0047 U	0.0052 UJ	**NA**	0.0054 U	**NA**	0.0057 U	0.0056 U	0.0047 UJ	**NA**	0.0047 U	**NA**	0.0045 U	0.0083 U	0.007 U	0.005 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-019-002-00-51 6/3/2015	WO-019-002-06-51 6/3/2015	WO-019-003-00-51 6/4/2015	WO-019-003-00-52 6/4/2015	WO-019-003-06-51 6/4/2015	WO-019-004-00-51 6/4/2015	WO-019-004-06-51 6/4/2015	WO-019-005-00-51 6/4/2015	WO-019-005-00-52 6/4/2015	WO-019-005-06-51 6/4/2015	WO-019-005-12-51 6/4/2015	WO-019-005-24-51 6/4/2015	WO-019-006-00-51 6/4/2015	WO-019-006-06-51 6/4/2015	WO-019-007-00-51 6/4/2015	WO-019-007-06-51 6/4/2015	WO-019-007-12-51 6/4/2015	WO-019-007-24-51 6/4/2015	WO-019-008-00-51 6/4/2015	WO-019-008-06-51 6/4/2015	WO-019-008-12-51 6/4/2015	WO-020-001-00-51 5/18/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**2520**	**5050**	**2610**	**2920**	**2490**	**3640**	**4460**	**3150**	**3790**	**4500**	**4320**	**2640**	**4630**	**4330**	**2420**	**4730**	**10100**	**4840**	**3000**	**4290**	**5410**	**1760**
Antimony	7440-36-0	mg/kg	31	470	31	--	1.1 UJ	1.1 UJ	1.1 UJ	0.96 UJ	0.96 UJ	0.88 UJ	0.9 UJ	0.77 UJ	0.71 UJ	0.87 UJ	1.1 UJ	1 UJ	0.96 UJ	0.89 UJ	0.99 UJ	0.92 UJ	1 UJ	1 UJ	0.96 UJ	0.92 UJ	0.88 UJ	0.6 U
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**1**	**1.8**	**1.3 J**	**1.2 J**	**0.87 J**	**1.4 J**	**1.5 J**	**2.4 J**	**2 J**	**1.1 J**	**1.2 J**	**1.2 J**	**3.2 J**	**2.1 J**	**2 J**	**2.4 J**	**2.6 J**	**1.7 J**	**4.7 J**	**2.7 J**	**2.1 J**	**0.8**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**30.2**	**37.2**	**30.7**	**48.3**	**24.5**	**43.1**	**42.7**	**37.6**	**39**	**29.1**	**37.8**	**30.6**	**43.6**	**47.6**	**33.1**	**46.7**	**52.7**	**37.1**	**37.5**	**51.1**	**61.9**	**33.3**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.56 U	0.56 U	0.55 U	0.48 U	0.48 U	0.44 U	0.45 U	0.39 U	0.35 U	0.43 U	0.53 U	0.52 U	0.48 U	0.45 U	0.5 U	0.46 U	0.51 U	0.5 U	0.48 U	0.46 U	0.44 U	0.6 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.56 U	0.56 U	0.55 U	0.48 U	0.48 U	0.44 U	0.45 U	0.39 U	0.35 U	0.43 U	0.53 U	0.52 U	0.48 U	0.45 U	0.5 U	0.46 U	0.51 U	0.5 U	0.48 U	0.46 U	0.44 U	0.6 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**1340**	**610**	**1220**	**1240**	**1000**	**1300**	**1170**	**12100**	**17500**	**1550**	**1340**	**6990**	**1100**	**1110**	**2750**	**2500**	**1360**	**2800**	**801**	**953**	**1010**	**761**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**6.4**	**9.9**	**6.7**	**5.6**	**5**	**7**	**8.9**	**8.1**	**8.3**	**5.7**	**7.6**	**6.2**	**8**	**8.3**	**7.5**	**9.2**	**17.8**	**8.6**	**7.1**	**9.2**	**11**	**3.4**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**1.5**	**2**	**1.5**	**1.3**	**0.99**	**2.1**	**2.1**	**2.7**	**2.4**	**1.7**	**2.4**	**1.9**	**2.3**	**2.4**	**2.2**	**3.2**	**3.1**	**2.1**	**2.4**	**3.5**	**5**	**2.4**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**2.3**	**2.5**	**2.9**	**3.2**	**2.3**	**7.6**	**7.3**	**4.8**	**4.4**	**3**	**3.1**	**4.1**	**4.8**	**5.5**	**3.2**	**3.6**	**6.5**	**4.5**	**3.5**	**4.3**	**4.8**	**8.5**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**72700**	**6500**	**3330**	**3620**	**3100**	**9360**	**5820**	**6690**	**7780**	**4640**	**5530**	**4270**	**5970**	**6230**	**5520**	**8050**	**11200**	**8210**	**6090**	**6950**	**8920**	**4140**
Lead	7439-92-1	mg/kg	400	800	400	--	**8.1**	**7.8**	**8.8**	**7.9**	**6.6**	**18.5**	**14.4**	**9.2**	**13.6**	**9.1**	**6.2**	**10.4**	**17.6**	**21.7**	**6**	**6.5**	**7.8**	**10.2**	**9.6**	**8.7**	**7.9**	**10.4**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	442 U	**483**	**339 U**	**386 U**	**374 U**	**531**	**509 U**	**704**	**916**	**479**	**579**	**337 U**	**581**	**530**	**431**	**659**	**946**	**1390**	**450**	**587**	**675**	**304**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**335**	**87.8**	**69.1**	**83**	**65.3**	**1530**	**98.3**	**152**	**157**	**76.1**	**113**	**105**	**126**	**127**	**135**	**169**	**81.9**	**124**	**140**	**155**	**206**	**140**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	**0.0095 U**	**0.01 U**	**0.011 U**	**0.0081 U**	**0.0096 U**	**0.01 U**	**0.011 U**	**0.0047 U**	**0.0026 U**	**0.0034 U**	**0.0073 U**	**0.0049 U**	**0.014 U**	**0.037 U**	**0.0041 U**	**0.0042 U**	**0.0026 U**	**0.0039 U**	**0.023 U**	**0.0056 U**	**0.005 U**	0.067 U
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**3.5**	**4.7**	**3**	**2.7**	**2.3**	**4.8**	**4.9**	**5.7**	**5.4**	**3.2**	**4.6**	**3.4**	**4.5**	**4.8**	**4.1**	**6**	**8.9**	**5**	**4.3**	**5.7**	**7.2**	**2.7**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	442 U	**477**	518 U	**448**	394 U	**498**	559 U	**575**	**572**	**546**	**578**	430 U	**785**	**661**	**490**	**791**	**1050**	**642**	**528**	**783**	**754**	**551**
Selenium	7782-49-2	mg/kg	390	5800	390	--	2.8 U	**0.37 U**	2.7 U	2.4 U	2.4 U	2.2 U	2.2 U	1.9 U	1.8 U	2.2 U	2.7 U	2.6 U	2.4 U	2.2 U	2.5 U	2.3 U	**0.31 U**	2.5 U	2.4 U	2.3 U	2.2 U	1.2 U
Silver	7440-22-4	mg/kg	390	5800	390	--	0.56 U	0.56 U	0.55 U	0.48 U	0.48 U	0.44 U	0.45 U	0.39 U	0.35 U	0.43 U	0.53 U	0.52 U	0.48 U	0.45 U	0.5 U	0.46 U	0.51 U	0.5 U	0.48 U	0.46 U	0.44 U	1.2 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	442 U	441 U	518 U	402 U	394 U	429 U	559 U	367 U	353 U	377 U	544 U	430 U	446 U	459 U	407 U	444 U	470 U	437 U	441 U	467 U	466 U	58 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.56 U	0.56 U	0.55 U	0.48 U	0.48 U	0.44 U	0.45 U	0.39 U	0.35 U	0.43 U	0.53 U	0.52 U	0.48 U	0.45 U	0.5 U	0.46 U	0.51 U	0.5 U	0.48 U	0.46 U	0.44 U	0.6 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**10.3**	**16.9**	**10**	**8.3**	**6.9**	**11.1**	**14.6**	**12.1**	**12.5**	**8.2**	**11**	**9.1**	**11.6**	**12.6**	**9.8**	**13.7**	**25.3**	**13.1**	**10.5**	**13.9**	**17.4**	**4.6**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**16.7**	**19.5**	**34.3**	**35.4**	**28.1**	**61.1**	**58.3**	**35.3**	**41**	**30.1**	**25.5**	**29.3**	**40.9**	**58.4**	**19.8**	**17.3**	**25.9**	**33.9**	**26.5**	**23.8**	**21.7**	**40.6**
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0258 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0516 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0258 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0258 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0258 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0258 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	0.0258 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	**NA**
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.04 U	0.038 U	0.041 U	0.041 U	0.041 U	0.041 U	0.037 U	0.035 U	0.034 U	0.037 U	0.036 U	0.037 U	0.037 U	0.041 U	0.036 U	0.037 U	0.037 U	0.036 U	0.036 U	0.039 U	0.037 U	**NA**
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**0.00022 U**	**0.0017 U**	0.0041 U	0.0041 U	**0.00078 U**	**0.00071 U**	0.0037 U	0.0035 U	**0.00015 U**	0.0037 U	0.0036 U	**0.0003 U**	0.0037 U	**0.00012 U**	0.0036 U	0.0037 U	0.0037 U	0.0036 U	**0.00027 U**	0.0039 U	0.0037 U	0.00129 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	**0.00029 U**	**0.00036 U**	0.0041 U	**0.00028 U**	**0.00015 U**	**0.0022 U**	**0.00033 U**	**0.00048 U**	**0.00033 U**	**0.0001 U**	**0.00023 U**	**0.00024 U**	**0.00093 U**	**0.0004 U**	**0.003 U**	**0.00066 U**	**0.0018 U**	0.0036 U	**0.00055 U**	**0.00064 U**	0.0037 U	0.00129 U
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	**0.00038 U**	**0.00055 U**	**0.00048 U**	**0.00072 U**	**0.0012 U**	**0.0024 U**	**0.00019 U**	**0.0011 U**	**0.00031 U**	**0.00086 U**	**0.0004 U**	**0.00061 U**	**0.0029 U**	**0.00064 U**	**0.0021 U**	**0.00064 U**	**0.0021 U**	**0.00093 U**	**0.0021 U**	**0.00093 U**	**0.00022 U**	0.00129 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.0021 U	0.002 U	**0.0005 U**	0.0021 U	0.0021 U	**0.0031 J**	**0.00025 U**	**0.000073 U**	**0.00035 U**	**0.0011 U**	**0.0014 U**	**0.0012 U**	0.0019 U	**0.0022 J**	**0.00061 U**	**0.00057 U**	**0.00014 U**	**0.0003 U**	**0.002 J**	**0.00024 U**	**0.00057 U**	0.00129 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.0021 U	0.002 U	**0.00012 U**	**0.00008 U**	**0.00008 U**	**0.00011 U**	**0.0019 U**	**0.00008 U**	0.0019 U	**0.00042 U**	**0.00011 U**	**0.00060 U**	**0.00016 U**	**0.00055 U**	**0.00008 U**	**0.00055 U**	**0.00008 U**	**0.00053 U**	**0.00009 U**	**0.00055 U**	0.0019 U	0.00129 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	**0.00017 U**	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.0019 U	0.002 U	0.0019 U	0.00129 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.0021 U	**0.0036 J**	**0.0001 U**	**0.00036 U**	**0.002 U**	**0.0051**	0.0019 U	0.0018 U	**0.00011 U**	**0.00069 U**	**0.001 U**	**0.0016 U**	**0.00018 U**	**0.0033**	0.0019 U	0.0019 U	0.0019 U	0.0018 U	**0.0014 U**	0.002 U	0.0019 U	0.00129 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.0019 U	0.002 U	0.0019 U	0.00129 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	**0.00015 U**	**0.00026 U**	**0.00032 U**	**0.0003 U**	**0.00007 U**	**0.00027 U**	**0.00024 U**	**0.00036 U**	**0.00042 U**	**0.00015 U**	**0.00011 U**	**0.00013 U**	**0.002 U**	**0.00051 U**	**0.00026 U**	**0.00024 U**	0.0037 U	**0.00017 U**	**0.00018 U**	**0.00038 U**	**0.00029 U**	0.00129 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.0019 U	0.002 U	0.0019 U	0.00129 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	**0.00026 U**	0.0038 U	**0.000089 U**	0.0041 U	0.0041 U	0.0041 U	0.0037 U	**0.00024 U**	**0.00017 U**	0.0037 U	0.0036 U	0.0037 U	**0.00003 U**	0.0041 U	**0.00023 U**	**0.00017 U**	**0.0002 U**	**0.00034 U**	0.0036 U	0.0039 U	0.0037 U	0.00129 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.004 U	0.0038 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0037 U	**0.000035 U**	0.0034 U	0.0037 U	0.0036 U	0.0037 U	**0.00051 U**	0.0041 U	**0.00041 U**	**0.00014 U**	**0.000087 U**	**0.00047 U**	0.0036 U	**0.0007 U**	**0.00018 U**	0.00129 U
Endrin	72-20-8	mg/kg	19	250	18	--	**0.0021 U**	**0.00056 U**	**0.0013 U**	**0.00084 U**	**0.0028 U**	**0.0034 U**	**0.0007 U**	**0.0008 U**	**0.00056 U**	**0.0007 U**	**0.0009 U**	**0.0016 U**	**0.0004 U**	**0.0008 U**	**0.0004 U**	**0.001 U**	**0.00057 U**	**0.0011 U**	**0.00076 U**	**0.0011 U**	**0.00068 U**	0.00129 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	**0.001 U**	**0.0002 U**	**0.00045 U**	**0.0006 U**	**0.00057 U**	**0.0011 U**	**0.00031 U**	**0.00039 U**	**0.00017 U**	**0.00056 U**	**0.00019 U**	**0.00017 U**	**0.00035 U**	**0.00019 U**	**0.00021 U**	**0.00019 U**	**0.00024 U**	**0.00016 U**	**0.00025 U**	**0.0012 U**	**0.00016 U**	0.00129 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.004 U	0.0038 U	**0.00008 U**	**0.00025 U**	**0.00094 U**	**0.0016 U**	0.0037 U	**0.00047 U**	**0.00029 U**	**0.00025 U**	**0.0013 U**	**0.00029 U**	**0.00021 U**	**0.00099 U**	**0.00018 U**	**0.00024 U**	**0.00015 U**	**0.00019 U**	**0.0018 U**	**0.0008 U**	**0.00034 U**	0.00129 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	**0.00015 U**	**0.00025 U**	0.0021 U	**0.00099 U**	0.0021 U	**0.00052 U**	0.0019 U	**0.00086 U**	**0.00015 U**	0.0019 U	0.0019 U	0.0019 U	**0.00041 U**	0.0021 U	0.0019 U	0.0019 U	0.0019 U	**0.00023 U**	0.0019 U	0.002 U	**0.00014 U**	0.00129 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	**0.00019 U**	**0.00017 U**	0.0021 U	0.0021 U	0.0021 U	**0.00014 U**	0.0019 U	**0.00015 U**	**0.00012 U**	**0.00015 U**	0.0019 U	0.0019 U	0.0019 U	**0.0003 U**	**0.00012 U**	**0.00011 U**	**0.00012 U**	**0.00051 U**	0.0019 U	0.002 U	0.0019 U	0.00129 U
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.0018 U	**0.000069 U**	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.0019 U	0.002 U	0.0019 U	0.00129 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	**0.0001 U**	0.0021 U	0.0019 U	0.0019 U	0.0019 U	**0.00053 U**	0.0019 U	0.002 U	0.0019 U	0.00129 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	**0.0026 U**	**0.0017 U**	**0.00065 U**	**0.00049 U**	0.021 U	**0.00029 U**	**0.0013 U**	**0.00096 U**	0.018 U	0.019 U	0.019 U	**0.0013 U**	0.019 U	**0.0022 U**	**0.001 U**	**0.0012 U**	0.019 U	**0.00044 U**	**0.0028 U**	0.02 U	**0.001 U**	0.00129 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U	0.3387 U
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.11 U	0.11 U	0.12 U	**0.14 U**	0.13 U	0.17 U	0.11 U	0.16 U	0.099 U	0.11 U	0.12 U	0.13 U	0.19 U	0.13 U	0.11 U	0.11 U	0.088 U	0.089 U	0.12 U	0.15 U	0.12 U	**NA**
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.2 UR	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.4 U	0.38 UJ	0.41 UJ	0.41 UJ	0.41 UJ	0.41 U	0.38 U	0.34 U	0.35 U	0.37 U	0.36 U	0.36 U	0.37 U	0.41 U	0.36 U	0.38 U	0.37 U	0.36 UJ	0.36 U	0.38 U	0.37 U	0.45 U
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.4 U	0.38 U	0.41 U	0.41 U	0.41 U	0.41 U	0.38 U	0.34 U	0.35 U	0.37 U	0.36 U	0.36 U	0.37 U	0.41 U	0.36 U	0.38 U	0.37 U	0.36 U	0.36 U	0.38 U	0.37 U	0.23 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	0.2 UR	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U	0.23 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.4 U	0.38 UJ	0.41 U	0.41 U	0.41 U	0.41 U	0.38 U	0.34 U	0.35 U	0.37 U	0.36 U	0.36 U	0.37 U	0.41 U	0.36 U	0.38 U	0.37 U	0.36 U	0.36 U	0.38 U

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-019-002-00-51	WO-019-002-06-51	WO-019-003-00-51	WO-019-003-00-52	WO-019-003-06-51	WO-019-004-00-51	WO-019-004-06-51	WO-019-005-00-51	WO-019-005-00-52	WO-019-005-06-51	WO-019-005-12-51	WO-019-005-24-51	WO-019-006-00-51	WO-019-006-06-51	WO-019-007-00-51	WO-019-007-06-51	WO-019-007-12-51	WO-019-007-24-51	WO-019-008-00-51	WO-019-008-06-51	WO-019-008-12-51	WO-020-001-00-51
						Date	6/3/2015	6/3/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	5/18/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	**0.003 LJ**	**0.0012 LJ**	**0.014**	**0.01**	**0.021**	**0.0067**	**0.0042**	**0.012**	**0.0093**	**0.0044**	**0.0061**	**0.0078**	**0.0087**	**0.024**	**0.006**	**0.0051**	**0.016**	**0.0089**	**0.0045**	**0.0055**	**0.0033 LJ**	**0.078**
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	0.004 UJ	0.0038 UJ	**0.0048**	0.0041 UJ	**0.0038 LJ**	**0.0009G LJ**	**0.0022 LJ**	**0.016**	**0.0057**	**0.0015 LJ**	**0.0007G LJ**	**0.0007G LJ**	**0.0014 LJ**	**0.0042 LJ**	**0.0017 LJ**	0.0038 UJ	**0.0009G LJ**	0.0036 UJ	**0.0009G LJ**	0.0038 UJ	0.0037 UJ	**0.018 LJ**
Benzo(j)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	**0.0009G LJ**	0.0038 UJ	**0.004 LJ**	**0.0029 LJ**	**0.0055**	**0.0014 LJ**	**0.0009B LJ**	**0.002 LJ**	**0.0023 LJ**	**0.0011 LJ**	**0.0014 LJ**	**0.002 LJ**	0.0037 UJ	**0.0059 LJ**	**0.0017 LJ**	**0.0015 LJ**	**0.0052**	**0.0027 LJ**	**0.0012 LJ**	**0.0016 LJ**	**0.00094 LJ**	**0.025 LJ**
Chrysene	218-01-9	mg/kg	16	290	1500	--	**0.0028 LJ**	**0.0013 LJ**	**0.01**	**0.0064**	**0.017**	**0.0063**	**0.0033 LJ**	**0.0097**	**0.0067**	**0.0036 LJ**	**0.0043**	**0.0047**	**0.0091**	**0.058**	**0.0043**	**0.0036 LJ**	**0.0097**	**0.0069**	**0.0044**	**0.0056**	**0.0025 LJ**	**0.082**
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	0.004 UJ	0.0038 UJ	**0.0015 LJ**	**0.0011 LJ**	**0.0019 LJ**	**0.0011 LJ**	0.0038 UJ	**0.0026 LJ**	**0.0013 LJ**	0.0037 UJ	0.0036 UJ	0.0036 UJ	**0.001 LJ**	**0.006 LJ**	0.0036 UJ	0.0038 UJ	**0.0014 LJ**	**0.0007J LJ**	0.0036 UJ	**0.00092 LJ**	0.0037 UJ	**0.0095 LJ**
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	**0.0007 LJ**	**0.0013 LJ**	**0.011**	**0.0065**	**0.029**	**0.0055**	**0.0032 LJ**	**0.006**	**0.0062**	**0.0032 LJ**	**0.0051**	**0.0043**	**0.0068**	**0.024**	**0.0035 LJ**	**0.0034 LJ**	**0.009**	**0.0065**	**0.0032 LJ**	**0.0047**	**0.0027 LJ**	**0.18**
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.004 UJ	0.0038 UJ	0.0041 UJ	0.0041 UJ	0.0041 UJ	0.0041 UJ	0.0038 UJ	0.0034 UJ	0.0035 UJ	0.0037 UJ	0.0036 UJ	0.0036 UJ	0.0037 UJ	0.017 UJ	0.0036 UJ	0.0038 UJ	0.0037 UJ	0.0036 UJ	0.0036 UJ	0.0038 UJ	0.0037 UJ	0.045 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	**0.0018 LJ**	**0.0007G LJ**	**0.0068**	**0.005**	**0.0086**	**0.0044**	**0.0024 LJ**	**0.0077**	**0.0042**	**0.002 LJ**	**0.0021 LJ**	**0.0026 LJ**	**0.0035 LJ**	**0.015 LJ**	**0.0025 LJ**	**0.0016 LJ**	**0.0056**	**0.0028 LJ**	**0.0018 LJ**	**0.0033 LJ**	**0.0017 LJ**	**0.04 LJ**
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	0.004 UJ	**0.00088 LJ**	0.0041 UJ	0.0041 UJ	**0.00089 LJ**	**0.0009 LJ**	0.0038 UJ	**0.0011 LJ**	**0.0007S LJ**	**0.00082 LJ**	**0.0007A LJ**	0.0036 UJ	**0.0008 LJ**	0.017 UJ	**0.0017 LJ**	**0.0036 LJ**	0.0037 UJ	0.0036 UJ	0.0036 UJ	0.0038 UJ	0.0037 UJ	0.045 UJ
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.008 UJ	0.0077 UJ	0.0082 UJv	0.0084 UJv	**0.0014 LJ**	0.0083 UJ	0.0076 UJv	0.007 UJv	0.007 UJv	0.0074 UJv	0.0074 UJv	0.0074 UJv	0.0075 UJv	**0.0047 LJ**	0.0074 UJv	0.0076 UJv	0.0076 UJv	0.0072 UJv	0.0072 UJv	0.0078 UJ	0.0075 UJ	0.091 UJ
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	**0.0021 LJ**	**0.001 LJ**	**0.0031 LJ**	**0.0023 LJ**	**0.0061**	**0.0043**	**0.0018 LJ**	**0.0044**	**0.0026 LJ**	**0.0019 LJ**	**0.0024 LJ**	**0.0018 LJ**	**0.0046**	0.1	**0.0018 LJ**	**0.0029 LJ**	**0.0026 LJ**	**0.003 LJ**	**0.0024 LJ**	**0.0026 LJ**	**0.0016 LJ**	**0.069**
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	**0.0037 LJ**	**0.0014 LJ**	**0.012**	**0.0075**	**0.024**	**0.0079**	**0.0043**	**0.0091**	**0.0073**	**0.0045**	**0.0054**	**0.006**	**0.0092**	**0.068**	**0.005**	**0.0049**	**0.0098**	**0.0078**	**0.0049**	**0.007**	**0.0042**	**0.13**
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	**NA**
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	0.011 U	0.011 U	0.012 U	0.014 U	0.013 U	0.017 U	0.011 U	0.016 U	0.0099 U	0.011 U	0.012 U	0.013 U	0.019 U	0.013 U	0.011 U	0.011 U	0.0088 U	0.0089 U	0.012 U	0.015 U	0.012 U	0.0051 U
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.011 U	0.011 U	0.012 U	0.014 U	0.013 U	0.017 U	0.011 U	0.016 U	0.0099 U	0.011 U	0.012 U	0.013 U	0.019 U	0.013 U	0.011 U	0.011 U	0.0088 U	0.0089 U	0.012 U	0.015 U	0.012 U	0.0051 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.011 U	0.011 U	0.012 U	0.014 U	0.013 U	0.017 U	0.011 U	0.016 U	0.0099 U	0.011 U	0.012 U	0.013 U	0.019 U	0.013 U	0.011 U	0.011 U	0.0088 U	0.0089 U	0.012 U	0.015 U	0.012 U	0.0051 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	**0.011 LJ**	**0.02**	0.012 U	**0.013 LJ**	0.013 U	**0.012 LJ**	0.011 U	0.016 U	**0.0059 LJ**	0.011 U	**0.0079 LJ**	**0.016**	**0.025**	**0.008 LJ**	0.011 U	**0.0081 LJ**	**0.0076 LJ**	**0.01**	**0.007 LJ**	0.015 U	**0.0055 LJ**	**0.0142 B, K**
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	**NA**
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0055 U	0.0053 U	0.0062 U	**NA**	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**NA**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**0.00045 LJ**	**0.00027 LJ**	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0055 U	0.0053 U	0.0062 U	**0.00037 LJ**	0.0065 U	**0.0007S LJ**	0.0055 U	0.0081 U	0.0049 U	**0.00033 LJ**	0.0058 U	0.0066 U	**0.0017 LJ**	**0.00071 LJ**	0.0054 U	**0.00023 LJ**	0.0044 U	0.0044 U	0.0059 U	**0.00047 LJ**	**0.00046 LJ**	0.0103 U
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
O-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	**0.00064 LJ**	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	**0.0011 LJ**	**0.0067**	**0.0018 LJ**	**0.011 J**	**0.0055 LJ**	**0.0044 LJ**	**0.0042 LJ**	**0.0022 LJ**	**0.003 LJ**	**0.0072**	0.0058 U	**0.0011 LJ**	**0.03**	**0.018**	**0.0029 LJ**	**0.0036 LJ**	**0.0047**	**0.0041 LJ**	**0.0046 LJ**	**0.0055 LJ**	**0.0077**	0.0051 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0055 U	0.0053 U	0.0062 U	0.0072 U	0.0065 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0058 U	0.0066 U	0.0096 U	0.0067 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0058 U	0.0051 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-020-001-00-S15	WO-020-001-06-S1	WO-020-001-06-S15	WO-020-001-12-S1	WO-020-001-24-S1	WO-020-001-24-S2	WO-020-002-00-S1	WO-020-002-00-S15	WO-020-002-06-S1	WO-020-002-06-S15	WO-020-002-06-S25	WO-020-002-12-S1	WO-020-002-24-S1	WO-020-003-00-S1	WO-020-003-00-S15	WO-020-003-00-S2	WO-020-003-06-S1	WO-020-003-06-S15	WO-020-003-12-S1	WO-020-003-24-S1	WO-020-004-00-S1	WO-020-004-00-S15
						Date	6/11/2015	5/18/2015	6/11/2015	5/18/2015	5/18/2015	5/18/2015	5/18/2015	6/11/2015	5/18/2015	6/8/2015	6/8/2015	5/18/2015	5/18/2015	5/18/2015	6/11/2015	5/18/2015	5/18/2015	6/12/2015	5/18/2015	5/18/2015	5/18/2015	6/11/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**3540**	**3640**	**3650**	**7140**	**3690**	**7250**	**1120**	**2350**	**1280**	**2520**	**2450**	**1940**	**2650**	**1850**	**3580**	**1910**	**4290**	**3000**	**9040**	**11200**	**1260**	**2000**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.96 UJ	0.5 U	0.75 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.71 UJ	0.5 U	0.89 UJ	0.75 UJ	0.5 U	0.5 U	0.6 U	0.74 UJ	0.6 U	0.5 U	0.87 UJ	0.5 U	0.5 UJ	0.6 U	0.7 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**1.6**	**1.8**	**1.3**	**2.4**	**1.9**	**2.9**	**0.6**	**1.3**	**1**	**1.5**	**1.5**	**1.3**	**2**	**1.2**	**2.3**	**1.6**	**1.9**	**1.5**	**2.6**	**5.2**	**0.9**	**1.2**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**57.1**	**82.9**	**46.9**	**49.1**	**52.4**	**42.1**	**26.2**	**31.7**	**22.2**	**35.9**	**36**	**26.5**	**27.8**	**37.8**	**37**	**39.7**	**28.4**	**35.8**	**24.2**	**24.7**	**27.2**	**30.3**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.48 U	0.5 U	0.38 U	0.5 U	0.5 U	0.5 U	0.5 U	0.36 U	0.5 U	0.45 U	0.37 U	0.5 U	0.5 U	0.6 U	0.37 U	0.6 U	0.5 U	0.45 U	**0.6**	0.5 U	0.6 U	0.35 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.48 U	0.5 U	0.38 U	0.5 U	0.5 U	0.5 U	0.5 U	0.36 U	0.5 U	0.45 U	0.37 U	0.5 U	0.5 U	0.6 U	0.37 U	0.6 U	0.5 U	0.45 U	0.5 U	0.5 U	0.6 U	0.35 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**985**	**775**	**745**	**1220**	**793**	**1720**	**627**	**601**	**387**	**595**	**640**	**409**	**503**	**1210**	**3770**	**1070**	**846**	**1710**	**1120**	**1560**	**821**	**643**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**9.5**	**8.2**	**8.3**	**10**	**7.3**	**12.9**	**2.1**	**5.3**	**2.4**	**6.2**	**6.3**	**3.8**	**6.4**	**3.8**	**7.2**	**4.8**	**7**	**7**	**10.5**	**19.6**	**2.4**	**4.8**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**2.7**	**8.4**	**2.5**	**4.1**	**3**	**3.6**	**2.2**	**2.7**	**2.8**	**2.9**	**3.2**	**6.3**	**8.4**	**2.2 U**	**2.5**	**2.2 U**	**2.2 U**	**2.8**	**3.4**	**3.6**	**2.3 U**	**2.2**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**27.8**	**10.9**	**10.3**	**17.8**	**9**	**46.8**	**4.6**	**8.4**	**4**	**24.6**	**48.5**	**7.5**	**8.5**	**7.4**	**11.2**	**10.2**	**5.9**	**11.5**	**6.8**	**26.6**	**6.1**	**10.8**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**8060**	**8470**	**7260**	**11600**	**8860**	**17100**	**2210**	**5370**	**2890**	**7770**	**6240**	**4720**	**7930**	**4350**	**6680**	**5670**	**7360**	**6800**	**13400**	**25900**	**2540**	**4230**
Lead	7439-92-1	mg/kg	400	800	400	--	**14.5**	**9.9**	**12.7**	**6.5**	**4.3**	**6.7**	**9.4**	**11.8**	**8.9**	**13.2**	**13.2**	**3**	**5.4**	**18.5**	**19.4**	**17**	**11.8**	**16.7**	**7.3**	**5.3**	**10.7**	**11.5**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**504**	**516**	**442 LJ**	**708**	**1050**	**1500**	**209**	**287 LJ**	**155**	**401 LJ**	**442 LJ**	**142**	**205**	**345**	**1870**	**365**	**418**	**827**	**875**	**2070**	**219**	**272 LJ**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**147**	**166**	**145**	**57.4**	**56.6**	**54.3**	**188**	**219**	**189**	**225**	**242**	**397**	**389**	**168**	**217**	**151**	**89.1**	**203**	**57.1**	**32.4 J**	**150**	**178**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	**0.013 LJ**	0.082 U	**0.015 LJ**	0.074 U	0.081 U	0.077 U	0.063 U	**0.02 LJ**	0.07 U	**0.023 LJ**	**0.026 LJ**	0.077 U	0.076 U	0.066 U	**0.018 LJ**	0.064 U	0.07 U	**0.018 LJ**	0.071 U	0.072 U	0.06 U	**0.015 LJ**
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**5.4**	**4.6**	**4.9**	**5.1**	**7.5**	**6.4**	**2.1 U**	**2.9**	**2.1 U**	**3.3**	**3.2**	**2.2**	**2.4**	**2.2 U**	**4.5**	**3.4**	**2.9**	**4**	**5.3**	**8.3**	**2.3 U**	**2.6**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**810**	**451**	**691**	**955**	**305**	**660**	**329**	**499**	**296**	**510**	**525**	**253**	**410**	**559**	**849**	**543**	**578**	**684**	**1160**	**953**	**431**	**462**
Selenium	7782-49-2	mg/kg	390	5800	390	--	**2.4 U**	**1.1 U**	**1.9 U**	**1.1 U**	**1 U**	**1.1 U**	**1.1 U**	**1.8 U**	**1.1 U**	**2.2 U**	**1.9 U**	**1.1 U**	**1 U**	**1.1 U**	**1.8 U**	**1.1 U**	**1.1 U**	**2.2 U**	**1.1 U**	**1.1 U**	**1.1 U**	**1.8 U**
Silver	7440-22-4	mg/kg	390	5800	390	--	**0.48 U**	**1.1 U**	**0.38 U**	**1.1 U**	**1 U**	**1.1 U**	**1.1 U**	**0.36 U**	**1.1 U**	**0.45 U**	**0.37 U**	**1 U**	**1 U**	**1.1 U**	**0.37 U**	**1.1 U**	**1.1 U**	**0.45 U**	**1.1 U**	**1.1 UL U**	**1.1 U**	**0.35 U**
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	**392 U**	**143**	**470 U**	**113**	**815**	**484**	**53.4 U**	**390 U**	**53.2 U**	**401 U**	**442 U**	**52.6 U**	**51 U**	**55.3 U**	**470 U**	**55.7 U**	**54.3 U**	**478 U**	**54.6 U**	**226**	**56.8 U**	**380 U**
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	**0.48 U**	**0.5 U**	**0.38 U**	**0.5 U**	**0.5 U**	**0.5 U**	**0.5 U**	**0.36 U**	**0.5 U**	**0.45 U**	**0.37 U**	**0.5 U**	**0.5 U**	**0.6 U**	**0.37 U**	**0.6 U**	**0.5 U**	**0.45 U**	**0.5 U**	**0.5 U**	**0.6 U**	**0.35 U**
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**13.8**	**11.6**	**12.4**	**19.8**	**10.6**	**23.7**	**2.9**	**7.9**	**4**	**8.8**	**8.7**	**8**	**11.4**	**5.5**	**10.7**	**5.6**	**12.5**	**10.9**	**20.4**	**31**	**2.8**	**7.5**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**54.9 J**	**22.5**	**41.3 J**	**23.5**	**6.6**	**7.4**	**35**	**62.9 J**	**24.4**	**54.2**	**65.3**	**8.2**	**12**	**52.1**	**53.4 J**	**48.6**	**25.4**	**42.6 J**	**13.2**	**9.2**	**30.2**	**30.4 J**
PCB																												
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	**NA**	0.0237 U	**NA**	0.0228 U	0.0224 U	0.023 U	0.0244 U	**NA**	0.0233 U	**NA**	**NA**	0.0216 U	0.0217 U	0.0238 U	**NA**	0.0238 U	0.023 U	**NA**	0.0223 U	0.0231 U	0.0249 U	**NA**
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	**NA**	0.0474 U	**NA**	0.0456 U	0.0448 U	0.046 U	0.0489 U	**NA**	0.0465 U	**NA**	**NA**	0.0433 U	0.0435 U	0.0475 U	**NA**	0.0475 U	0.0461 U	**NA**	0.0445 U	0.0462 U	0.0497 U	**NA**
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	**NA**	0.0237 U	**NA**	0.0228 U	0.0224 U	0.023 U	0.0244 U	**NA**	0.0233 U	**NA**	**NA**	0.0216 U	0.0217 U	0.0238 U	**NA**	0.0238 U	0.023 U	**NA**	0.0223 U	0.0231 U	0.0249 U	**NA**
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	**NA**	0.0237 U	**NA**	0.0228 U	0.0224 U	0.023 U	0.0244 U	**NA**	0.0233 U	**NA**	**NA**	0.0216 U	0.0217 U	0.0238 U	**NA**	0.0238 U	0.023 U	**NA**	0.0223 U	0.0231 U	0.0249 U	**NA**
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	**NA**	0.0237 U	**NA**	0.0228 U	0.0224 U	0.023 U	0.0244 U	**NA**	0.0233 U	**NA**	**NA**	0.0216 U	0.0217 U	0.0238 U	**NA**	0.0238 U	0.023 U	**NA**	0.0223 U	0.0231 U	0.0249 U	**NA**
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	**NA**	0.0237 U	**NA**	0.0228 U	0.0224 U	0.023 U	0.0244 U	**NA**	0.0233 U	**NA**	**NA**	0.0216 U	0.0217 U	0.0238 U	**NA**	0.0238 U	0.023 U	**NA**	0.0223 U	0.0231 U	0.0249 U	**NA**
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	**NA**	0.0237 U	**NA**	0.0228 U	0.0224 U	0.023 U	0.0244 U	**NA**	0.0233 U	**NA**	**NA**	0.0216 U	0.0217 U	0.0238 U	**NA**	0.0238 U	0.023 U	**NA**	0.0223 U	0.0231 U	0.0249 U	**NA**
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	**0.00375**	**NA**	**0.00671**	**0.00161**	**NA**	0.00111 U	0.00116 U	**0.00141**	**NA**
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	**0.026 LJ**	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Endrin	72-20-8	mg/kg	19	250	18	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	**0.00577**	**NA**	**0.00865**	**0.00279**	**NA**	0.00111 U	0.00116 U	**0.00239**	**NA**
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	**0.00413**	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	**0.00787**	**NA**	**0.0139**	**0.00209**	**NA**	0.00111 U	0.00116 U	**0.00241**	**NA**
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	**NA**	0.00119 U	**NA**	0.00114 U	0.00112 U	0.00115 U	0.00122 U	**NA**	0.00116 U	**NA**	**NA**	0.00108 U	0.00109 U	0.00119 U	**NA**	0.00119 U	0.00115 U	**NA**	0.00111 U	0.00116 U	0.00124 U	**NA**
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	**NA**	0.0356 U	**NA**	0.0342 U	0.0336 U	0.0345 U	0.0367 U	**NA**	0.0349 U	**NA**	**NA**	0.0325 U	0.0326 U	0.0357 U	**NA**	0.0356 U	0.0346 U	**NA**	0.0334 U	0.0347 U	0.0373 U	**NA**
SVOA																												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	**NA**	0.0041 U	**NA**	0.0036 U	0.0044 U	0.004 U	0.0047 U	**NA**	0.0045 U	**NA**	**NA**	0.0042 U	0.004 U	0.0052 U	**NA**	0.0065 U	0.0044 U	**NA**	0.0037 U	0.0035 U	0.0048 U	**NA**
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	**NA**	0.0041 U	**NA**	0.0036 U	0.0044 U	0.004 U	0.0047 U	**NA**	0.0045 U	**NA**	**NA**	0.0042 U	0.004 U	0.0052 U	**NA**	0.0065 U	0.0044 U	**NA**	0.0037 U	0.0035 U	0.0048 U	**NA**
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	**NA**	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	**NA**	0.39 U	**NA**	0.39 U	0.4 U	0.38 U	0.4 U	**NA**	0.39 U	**NA**	**NA**	0.37 U	0.37 U	0.41 U	**NA**	0.4 U	0.39 U	**NA**	0.39 U	0.39 U	0.41 U	**NA**
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	**NA**	0.39 U	**NA**	0.39 U	0.4 U	0.38 U	0.4 U	**NA**	0.39 U	**NA**	**NA**	0.37 U	0.37 U	0.41 U	**NA**	0.4 U	0.39 U	**NA**	0.39 U	0.39 U	0.41 U	**NA**
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
3,3'-dichlorobenzidine	91-94-1	mg/kg	1.2	5.1	120	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 UR	**NA**
3-Nitroaniline	99-09-2	mg/kg	NP	NP	NP	--	**NA**	0.39 U	**NA**	0.39 U	0.4 U	0.38 U	0.4 U	**NA**	0.39 U	**NA**	**NA**	0.37 U	0.37 U	0.41 U	**NA**	0.4 U	0.39 U	**NA**	0.39 U	0.39 U	0.41 U	**NA**
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1	66	4.9	--	**NA**	0.39 U	**NA**	0.39 U	0.4 U	0.38 U	0.4 U	**NA**	0.39 U	**NA**	**NA**	0.37 U	0.37 U	0.41 U	**NA**	0.4 U	0.39 U	**NA**	0.39 U	0.39 U	0.41 U	**NA**
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP	NP	NP	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**	0.2 U	0.2 U	0.21 U	**NA**
4-Chloro-3-methylphenol	59-50-7	mg/kg	6300	82000	6200	--	**NA**	0.2 U	**NA**	0.2 U	0.21 U	0.2 U	0.2 U	**NA**	0.2 U	**NA**	**NA**	0.19 U	0.19 U	0.21 U	**NA**	0.21 U	0.2 U	**NA**

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID	WO-020-001-00-515	WO-020-001-06-51	WO-020-001-06-515	WO-020-001-12-51	WO-020-001-24-51	WO-020-001-24-52	WO-020-002-00-51	WO-020-002-00-515	WO-020-002-06-51	WO-020-002-06-515	WO-020-002-06-525	WO-020-002-12-51	WO-020-002-24-51	WO-020-003-00-51	WO-020-003-00-515	WO-020-003-00-52	WO-020-003-06-51	WO-020-003-06-515	WO-020-003-12-51	WO-020-003-24-51	WO-020-004-00-51	WO-020-004-00-515
						Date	6/11/2015	5/18/2015	6/11/2015	5/18/2015	5/18/2015	5/18/2015	5/18/2015	6/11/2015	5/18/2015	6/8/2015	6/8/2015	5/18/2015	5/18/2015	5/18/2015	6/11/2015	5/18/2015	5/18/2015	6/12/2015	5/18/2015	5/18/2015	5/18/2015	6/11/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	NA	0.0058	NA	0.0025 LJ	0.004 U	0.0024 LJ	0.013 J	NA	0.027 J	NA	NA	0.0037 U	0.0028 LJ	0.011 J	NA	0.011 J	0.0045	NA	0.0015 LJ	0.0039 U	0.0093 J	NA
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	NA	0.0014 LJ	NA	0.00094 LJ	0.004 U	0.0018 U	0.0044 J	NA	0.007 LJ	NA	NA	0.0037 U	0.00077 LJ	0.0035 LJ	NA	0.0039 LJ	0.00098 LJ	NA	0.0039 U	0.0039 U	0.0031 LJ	NA
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	NA	0.0018 LJ	NA	0.0039 U	0.004 U	0.00078 LJ	0.0036 LJ	NA	0.0075 LJ	NA	NA	0.0037 U	0.00088 LJ	0.0027 LJ	NA	0.0025 LJ	0.0011 LJ	NA	0.0039 U	0.0039 U	0.0027 LJ	NA
Chrysene	218-01-9	mg/kg	16	290	1500	--	NA	0.0052	NA	0.0024 LJ	0.004 U	0.0023 LJ	0.01 J	NA	0.02 J	NA	NA	0.0037 U	0.0024 LJ	0.0094 J	NA	0.0091 J	0.004	NA	0.0014 LJ	0.0039 U	0.0087 J	NA
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	NA	0.00085 LJ	NA	0.0039 U	0.004 U	0.0018 U	0.0023 LJ	NA	0.00371 LJ	NA	NA	0.0037 U	0.0037 U	0.0016 LJ	NA	0.0015 LJ	0.0039 U	NA	0.0039 U	0.0039 U	0.0015 LJ	NA
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	NA	0.007	NA	0.0019 LJ	0.004 U	0.0029 LJ	0.011 J	NA	0.038 J	NA	NA	0.0037 U	0.0023 LJ	0.0094 J	NA	0.0082 J	0.0036 LJ	NA	0.0018 LJ	0.0039 U	0.0083 J	NA
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	NA	0.0039 U	NA	0.0039 U	0.004 U	0.0038 U	0.004 UJ	NA	0.0078 UJ	NA	NA	0.0037 U	0.002 LJ	0.0041 UJ	NA	0.004 UJ	0.0039 U	NA	0.0039 U	0.0039 U	0.0041 UJ	NA
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	NA	0.0036 LJ	NA	0.0015 LJ	0.004 U	0.0013 LJ	0.0079 J	NA	0.016 J	NA	NA	0.0037 U	0.0017 LJ	0.0064 J	NA	0.0055 J	0.0025 LJ	NA	0.00086 LJ	0.0039 U	0.0057 J	NA
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	NA	0.00084 LJ	NA	0.0039 U	0.004 U	0.0038 U	0.004 UJ	NA	0.0078 UJ	NA	NA	0.0037 U	0.0013 LJ	0.0015 LJ	NA	0.0013 LJ	0.0039 U	NA	0.0039 U	0.0039 U	0.0041 UJ	NA
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	NA	0.00087 LJ	NA	0.0081 U	0.0081 U	0.0077 U	0.0081 UJ	NA	0.016 UJ	NA	NA	0.0075 U	0.0014 LJ	0.0023 LJ	NA	0.0012 LJ	0.0011 LJ	NA	0.0079 U	0.008 U	0.0051 LJ	NA
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	NA	0.0028 LJ	NA	0.00095 LJ	0.0014 LJ	0.0018 U	0.0033 LJ	NA	0.018 J	NA	NA	0.0037 U	0.0016 LJ	0.0039 LJ	NA	0.0025 LJ	0.0024 LJ	NA	0.0033 LJ	0.0039 U	0.0031 LJ	NA
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	NA	0.0076	NA	0.0038 LJ	0.0021 LJ	0.0042	0.0099 J	NA	0.03 J	NA	NA	0.0037 U	0.0037 LJ	0.01 J	NA	0.0079 J	0.0053	NA	0.0032 LJ	0.0039 U	0.0082 J	NA
VOA																												
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.0041 B	0.0053 B	NA	0.0065 U	0.0045 B	NA	0.0045 B	0.0035 U	0.0048 U	NA
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Acetone	67-64-1	mg/kg	61000	670000	61000	--	NA	0.0082 U	NA	0.0073	0.0087 U	0.008 U	0.0201 B	NA	0.0135 B	NA	NA	0.037 B	0.0412 B	0.0257 B	NA	0.0214 B, K	0.0234 B	NA	0.0288 B	0.0114 B	0.011 B	NA
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Bromoform	75-25-2	mg/kg	19	86	1200	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Chloromethane	74-87-3	mg/kg	110	460	110	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	NA	0.0082 U	NA	0.0072 U	0.0087 U	0.008 U	0.0093 U	NA	0.009 U	NA	NA	0.0083 U	0.008 U	0.0104 U	NA	0.0129 U	0.0087 U	NA	0.0075 U	0.0071 U	0.0096 U	NA
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
o-Xylene	95-47-6	mg/kg	650	2800	650	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Styrene	100-42-5	mg/kg	6000	35000	6000	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Toluene	108-88-3	mg/kg	4900	47000	4900	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	NA	0.0041 U	NA	0.0036 U	0.0044 U	0.004 U	0.0047 U	NA	0.0045 U	NA	NA	0.0042 U	0.004 U	0.0052 U	NA	0.0065 U	0.0044 U	NA	0.0037 U	0.0035 U	0.0048 U	NA

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-020-004-06-51 5/18/2015	WO-020-004-06-515 6/11/2015	WO-020-004-12-51 5/18/2015	WO-020-004-24-51 5/18/2015	WO-020-005-00-51 5/18/2015	WO-020-005-00-515 6/8/2015	WO-020-005-06-51 5/18/2015	WO-020-005-06-515 6/8/2015	WO-020-005-12-51 5/18/2015	WO-020-005-24-51 5/18/2015	WO-020-006-00-51 5/18/2015	WO-020-006-00-515 6/11/2015	WO-020-006-06-51 5/18/2015	WO-020-006-06-515 6/12/2015	WO-020-006-12-51 5/18/2015	WO-020-006-24-51 5/18/2015	WO-021-001-00-51 6/3/2015	WO-021-001-06-51 6/3/2015	WO-021-001-12-51 6/3/2015	WO-021-001-24-51 6/3/2015	WO-021-003-00-51 6/3/2015
Metals																											
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**1470**	**2100**	**3620**	**3950**	**1140**	**1910**	**1620**	**2200**	**2020**	**2010**	**1730**	**2190**	**1790**	**2220**	**5010**	**7880**	**3420**	**4540**	**5140**	**6630**	**3160**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.5 U	0.88 U	0.5 U	0.5 U	0.5 U	0.93 U	0.5 U	0.84 U	0.5 U	0.5 U	0.6 U	0.72 U	0.6 U	0.82 U	0.5 U	0.5 U	0.89 U	0.93 U	0.88 U	0.8 U	0.85 U
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**1.2**	**1.3**	**2**	**1.5**	**1**	**1.5**	**2.8**	**1.5**	**1.1**	**1.2**	**2**	**1.3**	**1.2**	**1.3**	**1.8**	**2.3**	**1.8**	**1.6**	**1.3**	**2.3**	**1.6**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**22.4**	**31.5**	**25.6**	**18.7**	**29.5**	**38.2**	**30**	**40**	**23.8**	**17.7**	**31.5**	**41**	**34.1**	**38.3**	**30.8**	**39**	**35.8**	**31.5**	**40.1**	**42.1**	**29.6**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	0.5 U	0.44 U	0.5 U	0.5 U	0.5 U	0.46 U	0.5 U	0.42 U	0.5 U	0.5 U	0.6 U	0.36 U	0.6 U	0.41 U	0.5 U	0.5 U	0.45 U	0.46 U	0.44 U	**0.46**	0.43 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.5 U	0.44 U	0.5 U	0.5 U	0.5 U	0.46 U	0.5 U	0.42 U	0.5 U	0.5 U	0.6 U	0.36 U	0.6 U	0.41 U	0.5 U	0.5 U	0.45 U	0.46 U	0.44 U	0.4 U	0.43 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**550**	**586**	**610**	**657**	**2460**	**3340**	**1250**	**4210**	**538**	**1390**	**2380**	**1050**	**895**	**786**	**688**	**1070**	**1110**	**945**	**1500**	**922**	**1300**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**2.7**	**5.3**	**5.6**	**5.7**	**2.4**	**5.3**	**6.9**	**5.5**	**3.1**	**3**	**4.4**	**6.3**	**3.8**	**6.3**	**6.3**	**10.8**	**9.6**	**10.6**	**13.1**	**14.9**	**9.4**
Cobalt	7440-48-4	mg/kg	23	350	23	--	2.2 U	**2.4**	**2.6**	2.1 U	2.2 U	**1.5**	**2.5**	**1.6**	**2.1**	2 U	**2.4**	**2.3**	**3.1**	**2.4**	**2.4**	2.1 U	**1.8**	**1.6**	**1.6**	**1.9**	**1.7**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**5.5**	**23.9**	**7.6**	**7.5**	**5.2**	**9.2**	**6.7**	**8.8**	**5.3**	**3.8**	**3.5**	**8.5**	**11**	**7.4**	**11.5**	**5.3**	**6.9**	**4**	**3.8**	**4.2**	**4.5**	**4.3**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**2950**	**4810**	**6670**	**7630**	**2450**	**3690**	**6500**	**4170**	**3290**	**3680**	**5330**	**4920**	**4070**	**4550**	**8290**	**14000**	**6260**	**6630**	**8010**	**20000**	**5940**
Lead	7439-92-1	mg/kg	400	800	400	--	**8.4**	**12.5**	**6.4**	**5.8**	**28.9**	**34.5**	**22.8**	**31.6**	**11.4**	**5.8**	**39.2 J**	**30.2**	**31.3**	**29.4**	**6.3**	**3.7**	**9**	**4.3**	**3.9**	**2.5**	**8.2**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**179**	**255 LJ**	**289**	**284**	**1120**	**1500**	**553**	**1960**	**247**	**697**	**1020**	**382 LJ**	**293**	**316 LJ**	**453**	**548**	**502**	**641**	**973**	**743**	**597**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**127**	**192**	**132**	**102**	**171**	**193**	**230**	**208**	**115**	**76.9**	**225**	**200**	**232**	**175**	**69.7**	**15.4**	**127 J**	**69.6 J**	**72.1 J**	**1690 J**	**103 J**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	0.072 U	**0.018 LJ**	0.069 U	0.078 U	0.072 U	**0.1**	0.076 U	**0.06 LJ**	0.077 U	0.078 U	0.065 U	**0.032 LJ**	0.063 U	**0.12**	0.074 U	0.07 U	**0.007 LJ**	**0.0024 LJ**	**0.0016 LJ**	0.1 U	**0.0077 LJ**
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	2.2 U	**2.8**	**2.2**	2.1 U	2.2 U	**3.1**	2 U	**3.4**	2.1 U	2 U	**3**	**3.6**	**2.4**	**3.6**	**3**	**3**	**5.1**	**5.6**	**6.4**	**7.4**	**5.4**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**316**	**426 LJ**	**414**	**402**	**293**	468 U	**238**	**431**	**248**	**209**	**440**	**516**	**378**	**430**	**517**	**510**	**718**	**724**	**634**	**711**	**668**
Selenium	7782-49-2	mg/kg	390	5800	390	--	1.1 U	2.2 U	1.1 U	1.1 U	1.1 U	2.3 U	1 U	2.1 U	1 U	1 U	1.1 U	1.8 U	1.1 U	2.1 U	1 U	1.1 U	2.2 U	2.3 U	2.2 U	**0.29 LJ**	**0.26 LJ**
Silver	7440-22-4	mg/kg	390	5800	390	--	1.1 U	0.44 U	1.1 U	1.1 U	1.1 U	0.46 U	1 U	0.42 U	1 U	1 U	1.1 U	0.36 U	1.1 U	0.41 U	1 U	1.1 U	0.45 U	0.46 U	0.44 U	0.4 U	0.43 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	54.1 U	499 U	54.7 U	53.6 U	54.3 U	468 U	50.2 U	410 U	51.9 U	51.2 U	56.7 U	405 U	56.8 U	430 U	52 U	52.8 U	484 U	573 U	508 U	510 U	589 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.5 U	0.44 U	0.5 U	0.5 U	0.5 U	0.46 U	0.5 U	0.42 U	0.5 U	0.5 U	0.6 U	0.36 U	0.6 U	0.41 U	0.5 U	0.5 U	0.45 U	0.46 U	0.44 U	0.4 U	0.43 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**4**	**8.3**	**10.9**	**10.2**	**3**	**7**	**11.4**	**7.4**	**5.4**	**5.6**	**5.4**	**8.1**	**5**	**8**	**13.2**	**18.4**	**11.7**	**12.6**	**15.4**	**18.7**	**10.6**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**19.5**	**34.7 J**	**10.6**	**11.5**	**50.6**	**66.3**	**46.2**	**65.4**	**24.1**	**14.3**	**122 J**	**92.5 J**	**73.2**	**83.2 J**	**15.5**	**5**	**11 J**	**6.5 J**	**6.8 J**	**6.4 J**	**13.1 J**
PCB																											
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.0238 U	**NA**	0.0237 U	0.0222 U	0.0233 U	**NA**	0.0217 U	**NA**	0.0223 U	0.022 U	0.0239 U	**NA**	0.0245 U	**NA**	0.0228 U	0.0228 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.0477 U	**NA**	0.0474 U	0.0443 U	0.0467 U	**NA**	0.0434 U	**NA**	0.0446 U	0.0441 U	0.0477 U	**NA**	0.0489 U	**NA**	0.0457 U	0.0456 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.0238 U	**NA**	0.0237 U	0.0222 U	0.0233 U	**NA**	0.0217 U	**NA**	0.0223 U	0.022 U	0.0239 U	**NA**	0.0245 U	**NA**	0.0228 U	0.0228 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.0238 U	**NA**	0.0237 U	0.0222 U	0.0233 U	**NA**	0.0217 U	**NA**	0.0223 U	0.022 U	0.0239 U	**NA**	0.0245 U	**NA**	0.0228 U	0.0228 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.0238 U	**NA**	0.0237 U	0.0222 U	0.0233 U	**NA**	0.0217 U	**NA**	0.0223 U	0.022 U	0.0239 U	**NA**	0.0245 U	**NA**	0.0228 U	0.0228 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.0238 U	**NA**	0.0237 U	0.0222 U	0.0233 U	**NA**	0.0217 U	**NA**	0.0223 U	0.022 U	0.0239 U	**NA**	0.0245 U	**NA**	0.0228 U	0.0228 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.0238 U	**NA**	0.0237 U	0.0222 U	0.0233 U	**NA**	0.0217 U	**NA**	0.0223 U	0.022 U	0.0239 U	**NA**	0.0245 U	**NA**	0.0228 U	0.0228 U	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	0.04 U	0.04 U	0.038 U	0.038 U	0.043 U
Pesticides																											
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	**0.00022 LJ**	**0.00003 LJ**	0.0038 U	**0.000049 LJ**	**0.00022 LJ**
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	0.00119 U	**NA**	0.00118 U	0.00111 U	**0.00151**	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	**0.00199**	0.00114 U	**0.000027 LJ**	**0.000079 LJ**	0.0038 U	0.0038 U	**0.00015 LJ**
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	0.00119 U	**NA**	0.00118 U	0.00111 U	**0.00157**	**NA**	**0.00111**	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	**0.0002 LJ**	0.002 U	0.0019 U	0.002 U	0.0022 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	**0.00495**	**NA**	**0.00322**	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	**0.00011 LJ**	**0.0004 LJ**	**0.00027 LJ**	**0.0015 LJ**	**0.00014 LJ**
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.004 U	**0.000058 LJ**	0.0038 U	**0.000053 LJ**	0.0043 U
Endrin	72-20-8	mg/kg	19	250	18	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	**0.00161**	**NA**	0.00118 U	0.00111 U	**0.00787**	**NA**	**0.00539**	**NA**	0.00111 U	0.0011 U	**0.00273**	**NA**	**0.00193**	**NA**	0.00114 U	0.00114 U	**0.00018 LJ**	**0.000048 LJ**	**0.00019 LJ**	**0.0001 LJ**	**0.000068 LJ**
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.00119 U	**NA**	0.00118 U	0.00111 U	**0.0016**	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.00119 U	**NA**	0.00118 U	0.00111 U	**0.00852**	**NA**	**0.00676**	**NA**	0.00111 U	0.0011 U	**0.00125**	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	0.00119 U	**NA**	0.00118 U	0.00111 U	0.00117 U	**NA**	0.00108 U	**NA**	0.00111 U	0.0011 U	0.00119 U	**NA**	0.00122 U	**NA**	0.00114 U	0.00114 U	**0.00052 LJ**	**0.00023 LJ**	0.019 U	**0.00044 LJ**	**0.00071 LJ**
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.0357 U	**NA**	0.0355 U	0.0332 U	0.035 U	**NA**	0.0325 U	**NA**	0.0334 U	0.0331 U	0.0358 U	**NA**	0.0367 U	**NA**	0.0343 U	0.0342 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
SVOA																											
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0044 U	**NA**	0.0039 U	0.004 U	0.0044 U	**NA**	0.0044 U	**NA**	0.0041 U	0.005 U	0.0049 U	**NA**	0.0042 U	**NA**	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0044 U	**NA**	0.0039 U	0.004 U	0.0044 U	**NA**	0.0044 U	**NA**	0.0041 U	0.005 U	0.0049 U	**NA**	0.0042 U	**NA**	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	0.12 UJv	0.11 UJv	0.12 UJv	0.1 UJv	0.13 UJv
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1200	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.4 UJ	**NA**	0.37 U	0.39 U	0.39 UJ	**NA**	0.37 UJ	**NA**	0.37 UJ	0.37 U	0.4 UJ	**NA**	0.38 UJ	**NA**	0.38 U	0.38 U	0.4 U	0.4 U	0.38 U	0.38 U	0.43 U
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.4 UJ	**NA**	0.37 U	0.39 U	0.39 UJ	**NA**	0.37 UJ	**NA**	0.37 UJ	0.37 U	0.4 UJ	**NA**	0.38 UJ	**NA**	0.38 U	0.38 U	0.4 U	0.4 U	0.38 U	0.38 U	0.43 U
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	5.1	120	5.1	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
3-Nitroaniline	99-09-2	mg/kg	NP	NP	NP	--	0.4 UJ	**NA**	0.37 U	0.39 U	0.39 UJ	**NA**	0.37 UJ	**NA**	0.37 UJ	0.37 U	0.4 UJ	**NA**	0.38 UJ	**NA**	0.38 U	0.38 U	0.4 U	0.4 U	0.38 U	0.38 U	0.43 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1	66	4.9	--	0.4 UJ	**NA**	0.37 U	0.39 U	0.39 UJ	**NA**	0.37 UJ	**NA**	0.37 UJ	0.37 U	0.4 UJ	**NA**	0.38 UJ	**NA**	0.38 U	0.38 U	0.4 U	0.4 U	0.38 U	0.38 U	0.43 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP	NP	NP	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.22 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	6300	82000	6200	--	0.21 UJ	**NA**	0.19 U	0.2 U	0.2 UJ	**NA**	0.19 UJ	**NA**	0.19 UJ	0.19 U	0.21 UJ	**NA**	0.2 UJ	**NA**	0.19 U	0.2 U	0.21 U	0.2 U

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-020-004-06-51 5/18/2015	WO-020-004-06-51S 6/11/2015	WO-020-004-12-51 5/18/2015	WO-020-004-24-51 5/18/2015	WO-020-005-00-51 5/18/2015	WO-020-005-00-51S 6/8/2015	WO-020-005-06-51 5/18/2015	WO-020-005-06-51S 6/8/2015	WO-020-005-12-51 5/18/2015	WO-020-005-24-51 5/18/2015	WO-020-006-00-51 5/18/2015	WO-020-006-00-51S 6/11/2015	WO-020-006-06-51 5/18/2015	WO-020-006-06-51S 6/12/2015	WO-020-006-12-51 5/18/2015	WO-020-006-24-51 5/18/2015	WO-021-001-00-51 6/3/2015	WO-021-001-06-51 6/3/2015	WO-021-001-12-51 6/3/2015	WO-021-001-24-51 6/3/2015	WO-021-003-00-51 6/3/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	**0.0099 J**	NA	**0.0012 LJ**	**0.0023 LJ**	**0.023 J**	NA	**0.024 J**	NA	**0.013 J**	**0.004**	**0.012 J**	NA	**0.01 J**	NA	0.0038 U	0.0038 U	**0.004 LJ**	**0.0025 LJ**	0.0038 U	0.0038 U	**0.0029 LJ**
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	**0.0039 J**	NA	0.0037 U	0.0039 U	**0.012 J**	NA	**0.011 J**	NA	**0.0041 J**	**0.0017 LJ**	**0.019 J**	NA	**0.0065 J**	NA	0.0038 U	0.0038 U	**0.003 LJ**	**0.0015 LJ**	0.0038 U	0.0038 U	0.0043 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	**0.0025 LJ**	NA	0.0037 U	0.0039 U	**0.0067 J**	NA	**0.0065 J**	NA	**0.0038 J**	**0.0012 LJ**	**0.0026 LJ**	NA	**0.0026 LJ**	NA	0.0038 U	0.0038 U	**0.00085 LJ**	0.004 U	0.0038 U	0.0038 U	0.0043 U
Chrysene	218-01-9	mg/kg	16	290	1500	--	**0.0081 J**	NA	**0.0012 LJ**	**0.0018 LJ**	**0.022 J**	NA	**0.032 J**	NA	**0.01 J**	**0.0058**	**0.011 J**	NA	**0.008 J**	NA	0.0038 U	0.0038 U	**0.0075**	**0.0047**	**0.00089 LJ**	0.0038 U	**0.0049**
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	**0.0014 LJ**	NA	0.0037 U	0.0039 U	**0.0036 LJ**	NA	**0.0046 J**	NA	**0.0018 LJ**	0.0037 U	**0.0037 LJ**	NA	**0.0016 LJ**	NA	0.0038 U	0.0038 U	**0.00094 LJ**	0.004 U	0.0038 U	0.0038 U	0.0043 U
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	**0.0093 J**	NA	**0.0011 LJ**	**0.0015 LJ**	**0.016 J**	NA	**0.018 J**	NA	**0.0084 J**	**0.0034 LJ**	**0.0077 J**	NA	**0.008 J**	NA	0.0038 U	0.0038 U	**0.00096 LJ**	**0.003 LJ**	**0.0018 LJ**	0.0038 U	**0.0022 LJ**
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	**0.0021 LJ**	NA	**0.0011 LJ**	0.0039 U	**0.0025 LJ**	NA	**0.00084 LJ**	NA	**0.00076 LJ**	0.0037 U	0.004 UJ	NA	**0.0015 LJ**	NA	0.0038 U	0.0038 U	**0.002 LJ**	0.004 U	0.004 U	0.0038 U	0.0043 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	**0.0058 J**	NA	0.0037 U	**0.0013 LJ**	**0.013 J**	NA	**0.014 J**	NA	**0.007 J**	**0.0024 LJ**	**0.0097 J**	NA	**0.0059 J**	NA	0.0038 U	0.0038 U	**0.0024 LJ**	**0.0015 LJ**	0.0038 U	0.0038 U	**0.0018 LJ**
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	**0.0023 LJ**	NA	**0.0015 LJ**	**0.0014 LJ**	**0.0023 LJ**	NA	**0.0017 LJ**	NA	**0.0017 LJ**	**0.00081 LJ**	**0.00083 LJ**	NA	**0.0021 LJ**	NA	0.0038 U	**0.0019 LJ**	0.004 U	0.004 U	0.0038 U	**0.0008 LJ**	0.0043 U
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	**0.0014 LJ**	NA	0.0075 U	0.0079 U	**0.0044 LJ**	NA	**0.00085 LJ**	NA	**NA**	0.0075 U	**0.0014 LJ**	NA	**NA**	NA	0.0077 U	**0.0015 LJ**	0.0082 UJv	0.008 UJv	0.0076 UJv	0.0077 UJv	0.0087 UJv
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	**0.0047 J**	NA	**0.0016 LJ**	**0.0011 LJ**	**0.015 J**	NA	**0.025 J**	NA	**0.0046 J**	**0.0054**	**0.0027 LJ**	NA	**0.0043 J**	NA	0.0038 U	**0.0026 LJ**	**0.0049**	**0.0034 LJ**	**0.0016 LJ**	0.0038 U	**0.0032 LJ**
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	**0.0084 J**	NA	**0.0013 LJ**	**0.0017 LJ**	**0.024 J**	NA	**0.033 J**	NA	**0.011 J**	**0.0074**	**0.0086 J**	NA	**0.0096 J**	NA	0.0038 U	0.0038 U	**0.0059**	**0.0039 LJ**	0.0038 U	0.0038 U	**0.0041 LJ**
VOA																											
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	**NA**	NA	**NA**	**NA**	**NA**	NA	**NA**	NA	**NA**	**NA**	**NA**	NA	**NA**	NA	**NA**	**NA**	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	**0.0072 B**	NA	**0.0076 B**	0.004 U	0.0044 U	NA	**0.0046 B**	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	**0.0064 B**	**0.0056 LJ**	0.011 U	0.012 U	**0.0061 LJ**	**0.022**
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.012 U	0.011 U	0.012 U	0.01 U	0.013 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.012 U	0.011 U	0.012 U	0.01 U	0.013 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	**0.0289 B, K**	NA	**0.022 B**	**0.0111 B**	**0.0114 B**	NA	**0.0164 B**	NA	**0.0123 B**	**0.0178 B**	**0.0104 B**	NA	0.0084 U	NA	**0.0198 B**	**0.0264 B**	0.012 U	0.011 U	0.012 U	0.01 UM	**0.052**
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	**NA**	NA	**NA**	**NA**	**NA**	NA	**NA**	NA	**NA**	**NA**	**NA**	NA	**NA**	NA	**NA**	**NA**	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	**0.00038 LJ**
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	0.0087 U	NA	0.0077 U	0.008 U	0.0088 U	NA	0.0088 U	NA	0.0082 U	0.01 U	0.0099 U	NA	0.0084 U	NA	0.0088 U	0.0087 U	**0.00032 LJ**	**0.00037 LJ**	0.0058 U	**0.00029 LJ**	**0.00065 LJ**
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
o-Xylene	95-47-6	mg/kg	650	2800	650	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	**0.00018 LJ**	0.0058 U	0.0052 U	**0.00026 LJ**
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	**0.0014 LJ**	**0.0017 LJ**	**0.0011 LJ**	**0.0013 LJ**	**0.0031 LJ**
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0044 U	NA	0.0039 U	0.004 U	0.0044 U	NA	0.0044 U	NA	0.0041 U	0.005 U	0.0049 U	NA	0.0042 U	NA	0.0044 U	0.0043 U	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-021-003-00-52 6/3/2015	WO-021-003-06-51 6/3/2015	WO-021-003-12-51 6/3/2015	WO-021-003-24-51 6/3/2015	WO-021-004-00-51 6/3/2015	WO-021-004-00-52 6/3/2015	WO-021-004-06-51 6/3/2015	WO-021-004-12-51 6/3/2015	WO-021-004-24-51 6/3/2015	WO-021-005-00-51 6/3/2015	WO-021-005-06-51 6/3/2015	WO-021-005-12-51 6/3/2015	WO-021-005-24-51 6/3/2015	WO-021-006-00-51 6/3/2015	WO-021-006-06-51 6/3/2015	WO-021-006-12-51 6/3/2015	WO-021-006-24-51 6/3/2015	WO-021-007-00-51 6/3/2015	WO-021-007-06-51 6/3/2015	WO-021-007-12-51 6/3/2015	WO-021-007-24-51 6/3/2015
Metals																											
Aluminum	7429-90-5	mg/kg	77000	1100000	77000	--	**4330**	**3870**	**3610**	**5220**	**3920**	**3900**	**3840**	**3540**	**5440**	**3980**	**4330**	**4060**	**5210**	**2640**	**2910**	**4050**	**3790**	**4030**	**2730**	**4300**	**5710**
Antimony	7440-36-0	mg/kg	31	470	31	--	0.93 UJ	1.2 UJ	1.1 UJ	0.88 UJ	0.88 UJ	1.1 UJ	1.1 UJ	0.79 UJ	0.87 UJ	1 UJ	0.88 UJ	0.8 UJ	0.92 UJ	1 UJ	1 UJ	0.98 UJ	0.94 UJ	1.2 UJ	1 UJ	1.2 UJ	1 UJ
Arsenic	7440-38-2	mg/kg	0.68	3	34	--	**3**	**2.6**	**2**	**7.9**	**1.5**	**1.6**	**1.5**	**1.4**	**1.8**	**1.7**	**2.3**	**19.2**	**2.7**	**2**	**1**	**1.4**	**1.5**	**1.8**	**1.8**	**1.5**	**1.9**
Barium	7440-39-3	mg/kg	15000	220000	15000	--	**40.3**	**34.6**	**31.8**	**65**	**57.3**	**58.4**	**46.3**	**44**	**56.5**	**42.4**	**459**	**157**	**120**	**45.9**	**56**	**45.8**	**43.7**	**37.6**	**36.6**	**35.5**	**44.9**
Beryllium	7440-41-7	mg/kg	160	2300	160	--	**0.58**	0.58 U	0.52 U	**0.79**	0.44 U	0.54 U	0.53 U	0.4 U	**0.48**	0.52 U	**0.81**	**2.1**	**0.48**	0.56 U	0.51 U	0.49 U	0.47 U	0.59 U	0.51 U	0.59 U	0.52 U
Cadmium	7440-43-9	mg/kg	71	980	70	--	0.46 U	0.58 U	0.52 U	0.44 U	0.44 U	0.54 U	0.53 U	0.4 U	0.44 U	0.52 U	0.44 U	0.4 U	0.46 U	0.56 U	0.51 U	0.49 U	0.47 U	0.59 U	0.51 U	0.59 U	0.52 U
Calcium	7440-70-2	mg/kg	NP	NP	NP	--	**3270**	**1510**	**826**	**747**	**1860**	**2110**	**1810**	**2670**	**1010**	**1610**	**1310**	**955**	**888**	**4350**	**2810**	**1170**	**699**	**1880**	**995**	**723**	**809**
Chromium	7440-47-3	mg/kg	NP	NP	NP	--	**14.1**	**12.8**	**12.4**	**22.9**	**9.6**	**8.7**	**8.8**	**10**	**13.3**	**10.8**	**15.5**	**95**	**15.7**	**7.2**	**7.3**	**8.7**	**11.8**	**8.9**	**9.6**	**10.7**	**14.2**
Cobalt	7440-48-4	mg/kg	23	350	23	--	**3.3**	**2.2**	**1.8**	**6**	**2**	**1.7**	**1.7**	**1.6**	**3.6**	**1.7**	**61.2**	**10.9**	**8.4**	**1.8**	**1.3**	**2.1**	**1.5**	**1.9**	**1.8**	**1.5**	**2.3**
Copper	7440-50-8	mg/kg	3100	47000	3100	--	**5**	**4.7**	**4.3**	**7.7**	**7.6**	**7.4**	**5.4**	**4**	**4.7**	**5.4**	**5.7**	**11.7**	**4.2**	**5**	**3.7**	**3.9**	**3.8**	**4**	**3.7**	**3.2**	**3.9**
Iron	7439-89-6	mg/kg	55000	820000	55000	--	**10200**	**7160**	**6210**	**32000**	**5360**	**6110**	**5660**	**5310**	**7100**	**5700**	**6010**	**5820**	**9630**	**4740**	**4750**	**5360**	**6140**	**6250**	**5100**	**7290**	**9170**
Lead	7439-92-1	mg/kg	400	800	400	--	**9.6**	**8.8**	**4.7**	**5.9**	**50.7**	**30.3**	**31.6**	**40.9**	**14.5**	**14.1**	**8.9**	**12.5**	**4**	**21.6**	**9.9**	**8.8**	**4**	**10.4**	**11.1**	**4.1**	**3.6**
Magnesium	7439-95-4	mg/kg	NP	NP	NP	--	**957**	**665**	**552**	**553**	**614**	**661**	**595**	**502**	**636**	**621**	**617**	**550**	**632**	**1790**	**1280**	**680**	**458 UJ**	**669**	**480**	**497**	**625**
Manganese	7439-96-5	mg/kg	1800	26000	1800	--	**129 J**	**257 J**	**54.8 J**	**1880 J**	**200 J**	**218 J**	**169**	**132**	**113**	**162 J**	**116 J**	**102 J**	**118 J**	**264 J**	**263 J**	**147 J**	**111 J**	**156 J**	**167**	**83.7**	**59.7**
Mercury	7439-97-6	mg/kg	9.4	40	9.4	--	**0.006 UJ**	**0.008 UJ**	**0.0036 UJ**	**0.0028 UJ**	**0.018 UJ**	**0.018 UJ**	**0.015 UJ**	**0.012 UJ**	**0.0062 UJ**	**0.013 UJ**	**0.012 UJ**	**0.0051 UJ**	0.11 U	**0.018 UJ**	**0.011 UJ**	**0.0045 UJ**	0.11 U	**0.0091 UJ**	**0.011 UJ**	**0.0045 UJ**	**0.003 UJ**
Nickel	7440-02-0	mg/kg	1500	22000	1500	--	**13.3**	**7.7**	**6.3**	**14.9**	**4.7**	**4.3**	**4.3**	**4.2**	**6**	**5**	**32.4**	**15**	**8.4**	**3.9**	**3.5**	**4.3**	**4.4**	**4.6**	**4.1**	**4.7**	**7.1**
Potassium	7440-09-7	mg/kg	NP	NP	NP	--	**932**	**659**	**537**	**528**	**713**	**707**	**597**	**492**	**606**	**740**	**624**	**491**	**531**	**513**	**498**	**591**	**498**	**686**	**412**	**460**	**494**
Selenium	7782-49-2	mg/kg	390	5800	390	--	2.3 U	2.9 U	2.6 U	2.2 U	2.2 U	2.7 U	**0.33 U**	**0.3 U**	2.2 U	**0.32 U**	**0.47 U**	**0.46 U**	2.3 U	2.8 U	2.6 U	2.5 U	2.4 U	**0.39 U**	2.6 U	3 U	2.6 U
Silver	7440-22-4	mg/kg	390	5800	390	--	0.46 U	0.58 U	0.52 U	0.44 U	0.44 U	0.54 U	0.53 U	0.4 U	0.44 U	0.52 U	0.44 U	0.4 U	0.46 U	0.56 U	0.51 U	0.49 U	0.47 U	0.59 U	0.51 U	0.59 U	0.52 U
Sodium	7440-23-5	mg/kg	NP	NP	NP	--	546 U	452 U	500 U	461 U	559 U	470 U	403 U	492 U	448 U	483 U	420 U	491 U	428 U	451 U	447 U	458 U	458 U	541 U	412 U	460 U	424 U
Thallium	7440-28-0	mg/kg	0.78	12	0.78	--	0.46 U	0.58 U	0.52 U	0.44 U	0.44 U	0.54 U	0.53 U	0.4 U	0.44 U	0.52 U	0.44 U	0.4 U	0.46 U	0.56 U	0.51 U	0.49 U	0.47 U	0.59 U	0.51 U	0.59 U	0.52 U
Vanadium	7440-62-2	mg/kg	390	5800	390	--	**16.3**	**14.2**	**13.5**	**29.9**	**12.4**	**11.3**	**11.8**	**13.1**	**19.4**	**13.2**	**27.3**	**52.2**	**21.4**	**9.6**	**9.4**	**12.6**	**15.1**	**11.6**	**12.6**	**14.7**	**18.3**
Zinc	7440-66-6	mg/kg	23000	350000	23000	--	**16.8 J**	**11.7 J**	**7.1**	**9.2 J**	**37.4 J**	**48 J**	**21.5**	**8.6**	**9.4**	**26.9 J**	**9.9 J**	**8.6 J**	**7 J**	**39.3 J**	**15.6 J**	**11.8 J**	**6.8 J**	**23 J**	**24.9**	**8.6**	**7.9**
PCB																											
Aroclor-1016	12674-11-2	mg/kg	4.1	27	4	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1221	11104-28-2	mg/kg	0.17	0.72	15	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1232	11141-16-5	mg/kg	0.17	0.72	15	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1242	53469-21-9	mg/kg	0.23	0.97	24	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1248	12672-29-6	mg/kg	0.23	0.94	24	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1254	11097-69-1	mg/kg	0.24	0.97	1.1	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1260	11096-82-5	mg/kg	0.24	0.99	24	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1262	37324-23-5	mg/kg	NP	NP	NP	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Aroclor-1268	11100-14-4	mg/kg	NP	NP	NP	--	0.042 U	0.04 U	0.039 U	0.038 U	0.041 U	0.041 U	0.039 U	0.038 U	0.039 U	0.042 U	0.039 U	0.038 U	0.038 U	0.042 U	0.038 U	0.039 U	0.039 U	0.042 U	0.039 U	0.039 U	0.038 U
Pesticides																											
4,4'-DDD	72-54-8	mg/kg	2.3	9.6	220	--	**0.0003 UJ**	**0.00078 UJ**	**0.00006 UJ**	**0.00011 UJ**	**0.001 UJ**	**0.0012 UJ**	**0.0011 UJ**	**0.0012 UJ**	**0.0002 UJ**	**0.000079 UJ**	**0.00051 UJ**	**0.00026 UJ**	**0.00063 UJ**	**0.00094 UJ**	**0.0011 UJ**	**0.00096 UJ**	**0.00017 UJ**	**0.00054 UJ**	**0.00016 UJ**	**0.00021 UJ**	0.0038 U
4,4'-DDE	72-55-9	mg/kg	2	9.3	160	--	**0.00012 UJ**	**0.00035 UJ**	**0.00011 UJ**	0.0038 U	**0.0022 UJ**	**0.0018 UJ**	**0.00024 UJ**	**0.00031 UJ**	**0.000046 UJ**	0.0042 U	0.0039 U	**0.00013 UJ**	0.0038 U	**0.00036 UJ**	**0.00023 UJ**	**0.00011 UJ**	**0.00016 U**	0.0042 U	**0.00011 UJ**	**0.00015 UJ**	**0.00015 UJ**
4,4'-DDT	50-29-3	mg/kg	1.9	8.5	36	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	**0.00036 UJ**	**0.00017 UJ**	0.0039 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	**0.00009 UJ**	0.0039 U	0.0038 U
Acetophenone	98-86-2	mg/kg	7800	120000	7800	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
Aldrin	309-00-2	mg/kg	0.039	0.18	1.8	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	**0.00013 UJ**	0.0021 U	**0.00018 UJ**	**0.000083 UJ**	0.002 U	**0.000066 UJ**	0.002 U	0.0019 U	0.002 U	**0.0002 UJ**	**0.00019 UJ**	**0.00026 UJ**	0.002 U	**0.00022 UJ**	0.002 U	0.002 U	0.002 U
alpha-BHC	319-84-6	mg/kg	0.086	0.36	8.5	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0019 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
alpha-Chlordane	5103-71-9	mg/kg	NP	NP	NP	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Atrazine	1912-24-9	mg/kg	2.4	10	230	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
Benzaldehyde	100-52-7	mg/kg	7800	120000	7800	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
beta-BHC	319-85-7	mg/kg	0.3	1.3	30	--	**0.000034 UJ**	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.002 U	0.002 U	0.002 U	0.002 U	**0.00036 UJ**	0.0019 U	0.002 U	0.0022 U	0.002 U	**0.00068 UJ**	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Caprolactam	105-60-2	mg/kg	31000	400000	31000	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
Carbazole	86-74-8	mg/kg	NP	NP	NP	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
delta-BHC	319-86-8	mg/kg	NP	NP	NP	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Dieldrin	60-57-1	mg/kg	0.034	0.14	3.1	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	**0.00034 UJ**	**0.00036 UJ**	**0.00026 UJ**	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	0.0039 U	**0.00026 UJ**	**0.00028 UJ**
Endosulfan I	959-98-8	mg/kg	NP	NP	NP	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Endosulfan II	33213-65-9	mg/kg	NP	NP	NP	--	**0.000074 UJ**	**0.0011 UJ**	**0.000086 UJ**	**0.000087 UJ**	**0.00076 UJ**	**0.00085 UJ**	0.0039 U	**0.000022 UJ**	**0.000083 UJ**	**0.00041 UJ**	**0.00038 UJ**	**0.00022 UJ**	0.0038 U	**0.00086 UJ**	**0.00049 UJ**	**0.0011 UJ**	**0.00024 UJ**	**0.000042 UJ**	**0.00019 UJ**	0.0039 U	0.0038 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	NP	NP	--	**0.00011 UJ**	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0039 U	**0.00019 UJ**	**0.00013 UJ**	**0.00035 UJ**	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	**0.000083 UJ**	0.0039 U	0.0039 U	0.0038 U
Endrin	72-20-8	mg/kg	19	250	18	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	**0.00013 UJ**	**0.00013 UJ**	0.0039 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	**0.00014 UJ**	0.0039 U	0.0038 U
Endrin aldehyde	7421-93-4	mg/kg	NP	NP	NP	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	**0.00025 UJ**	**0.000041 UJ**	**0.000037 UJ**	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	**0.00072 UJ**	0.0039 U	0.0038 U
Endrin ketone	53494-70-5	mg/kg	NP	NP	NP	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0039 U	0.0038 U	0.0039 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	0.0039 U	0.0039 U	0.0038 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	2.5	21	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	**0.00041 UJ**	**0.00026 UJ**	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
gamma-Chlordane	5103-74-2	mg/kg	NP	NP	NP	--	**0.000083 UJ**	0.0021 U	**0.000089 UJ**	**0.00011 UJ**	0.0021 U	**0.0003 UJ**	0.002 U	0.002 U	**0.0001 UJ**	**0.00025 UJ**	**0.000095 UJ**	**0.000089 UJ**	**0.00011 UJ**	0.0022 U	0.002 U	0.002 U	**0.000064 UJ**	**0.000073 UJ**	**0.0001 UJ**	**0.0001 UJ**	**0.0001 UJ**
Heptachlor	76-44-8	mg/kg	0.13	0.63	12	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	**0.0003 UJ**	0.002 U	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	**0.000022 UJ**	0.002 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	0.33	0.8	--	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	**0.00041 UJ**	0.002 U	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Methoxychlor	72-43-5	mg/kg	320	4100	310	--	**0.00061 UJ**	**0.00042 UJ**	**0.00035 UJ**	0.0019 U	**0.00064 UJ**	**0.00047 UJ**	0.02 U	0.02 U	**0.00069 UJ**	**0.00088 UJ**	0.02 U	0.019 U	**0.00037 UJ**	**0.00043 UJ**	0.02 U	0.02 U	**0.00034 UJ**	**0.00061 UJ**	**0.0007 UJ**	0.02 U	0.02 U
Toxaphene	8001-35-2	mg/kg	0.49	2.1	48	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.2 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.2 U
SVOA																											
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000	170000	40000	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,1'-Biphenyl	92-52-4	mg/kg	47	200	47	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23	350	18	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24	110	58	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,4-Dioxane	123-91-1	mg/kg	5.3	24	530	--	0.16 UJv	0.11 UJv	0.098 UJv	0.095 UJv	0.12 UJv	0.12 UJv	0.097 U	0.11 U	0.11 U	0.13 UJv	0.1 UJv	0.096 UJv	0.087 UJv	0.12 UJv	0.11 UJv	0.11 UJv	0.11 UJv	0.12 UJv	0.11 U	0.097 U	0.099 U
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9	22	490	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900	25000	1800	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300	82000	6200	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,4,6-Trichlorophenol	88-06-2	mg/kg	49	210	62	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,4-Dichlorophenol	120-83-2	mg/kg	190	2500	180	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,4-Dimethylphenol	105-67-9	mg/kg	1300	16000	1300	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,4-Dinitrophenol	51-28-5	mg/kg	130	1600	120	--	0.42 U	0.4 U	0.39 UJ	0.38 UJ	0.41 U	0.41 U	0.39 UJ	0.38 UJ	0.39 UJ	0.42 U	0.38 UJ	0.37 UJ	0.38 UJ	0.42 U	0.38 UJ	0.39 UJ	0.39 UJ	0.42 UJ	0.4 UJ	0.4 UJ	0.39 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7	7.4	120	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36	1.5	19	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2-Chloronaphthalene	91-58-7	mg/kg	4800	60000	6300	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2-Chlorophenol	95-57-8	mg/kg	390	5800	390	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2-Methylnaphthalene	91-57-6	mg/kg	240	3000	230	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
2-Methylphenol	95-48-7	mg/kg	3200	41000	3100	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
2-Nitroaniline	88-74-4	mg/kg	630	8000	610	--	0.42 U	0.4 U	0.39 U	0.38 U	0.41 U	0.41 U	0.39 UJ	0.38 UJ	0.39 UJ	0.42 U	0.38 UJ	0.37 UJ	0.38 UJ	0.42 U	0.38 UJ	0.39 UJ	0.39 UJ	0.42 UJ	0.4 UJ	0.4 UJ	0.39 UJ
2-Nitrophenol	88-75-5	mg/kg	NP	NP	NP	--	0.22 U	0.21 U	0.2 U	0.19 U	0.21 U	0.21 U	0.2 Uiv	0.2 UJ	0.2 UJ	0.22 U	0.2 U	0.19 U	0.2 U	0.22 U	0.19 U	0.2 U	0.2 U	0.22 U	0.2 UJ	0.2 UJ	0.2 UJ
3

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	EPA Industrial Soil	EPA Residential Soil RML	Sample ID Date	WO-021-003-00-52 6/3/2015	WO-021-003-06-51 6/3/2015	WO-021-003-12-51 6/3/2015	WO-021-003-24-51 6/3/2015	WO-021-004-00-51 6/3/2015	WO-021-004-00-52 6/3/2015	WO-021-004-06-51 6/3/2015	WO-021-004-12-51 6/3/2015	WO-021-004-24-51 6/3/2015	WO-021-005-00-51 6/3/2015	WO-021-005-06-51 6/3/2015	WO-021-005-12-51 6/3/2015	WO-021-005-24-51 6/3/2015	WO-021-006-00-51 6/3/2015	WO-021-006-06-51 6/3/2015	WO-021-006-12-51 6/3/2015	WO-021-006-24-51 6/3/2015	WO-021-007-00-51 6/3/2015	WO-021-007-06-51 6/3/2015	WO-021-007-12-51 6/3/2015	WO-021-007-24-51 6/3/2015
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	2.9	15	--	**0.0031 LJ**	**0.0032 LJ**	**0.001 LJ**	**0.0017 LJ**	**0.011**	**0.012**	**0.0072 J**	**0.0032 LJ**	0.0039 UJ	**0.0099**	**0.011**	**0.0026 LJ**	0.0038 U	**0.026**	**0.029**	0.0039 U	**0.00093 LJ**	**0.0046**	**0.0081 J**	0.004 UJ	0.0039 UJ
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	NP	NP	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	**0.0066**	**0.0072**	**0.0038 LJ**	**0.0019 LJ**	0.0039 UJ	**0.0068**	**0.0017 LJ**	0.0037 U	0.0038 U	**0.012**	**0.004**	0.0039 U	0.0039 U	**0.0029 LJ**	**0.0028 LJ**	0.004 UJ	0.0039 UJ
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	29	150	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	**0.0025 LJ**	**0.0026 LJ**	**0.0018 LJ**	0.0038 UJ	0.0039 UJ	**0.0023 LJ**	**0.0025 LJ**	0.0037 U	0.0038 U	**0.0068**	**0.0076**	0.0039 U	0.0039 U	**0.0011 LJ**	**0.0016 LJ**	0.004 UJ	0.0039 UJ
Chrysene	218-01-9	mg/kg	16	290	1500	--	**0.0049**	**0.0054**	**0.0018 LJ**	**0.0031 LJ**	**0.014**	**0.015**	**0.0088 J**	**0.006 J**	0.0039 UJ	**0.0091**	**0.014**	**0.0044**	**0.0008 LJ**	**0.035**	**0.031**	0.0039 U	**0.0014 LJ**	**0.0063**	**0.014 J**	**0.0016 LJ**	0.0039 UJ
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016	0.29	1.5	--	**0.00093 LJ**	0.004 U	0.0039 U	**0.0011 LJ**	**0.0019 LJ**	**0.0022 LJ**	**0.0013 LJ**	**0.00082 LJ**	0.0039 UJ	**0.0018 LJ**	**0.0022 LJ**	0.0037 U	0.0038 U	**0.0053**	**0.0054**	0.0039 U	0.0039 U	**0.00091 LJ**	**0.0017 LJ**	0.004 UJ	0.0039 UJ
Fluoranthene	206-44-0	mg/kg	2400	30000	2300	--	**0.0029 LJ**	**0.0032 LJ**	**0.00086 LJ**	**0.0013 LJ**	**0.0084**	**0.0099**	**0.0062 J**	**0.0027 LJ**	0.0039 UJ	**0.006**	**0.0091**	**0.0017 LJ**	0.0038 U	**0.023**	**0.019**	0.0039 U	0.0039 U	**0.0041 LJ**	**0.0048 J**	0.004 UJ	0.0039 UJ
Fluorene	86-73-7	mg/kg	2400	30000	2300	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0039 UJ	0.0038 UJ	0.0039 UJ	0.0042 U	0.0038 U	0.0037 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	0.004 UJ	0.004 UJ	0.0039 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	2.9	15	--	**0.002 LJ**	**0.002 LJ**	0.0039 U	**0.0011 LJ**	**0.0065**	**0.0071**	**0.0043 J**	**0.0019 LJ**	0.0039 UJ	**0.0075**	**0.0068**	**0.0016 LJ**	0.0038 U	**0.016**	**0.018**	0.0039 U	0.0039 U	**0.0028 LJ**	**0.0047 J**	0.004 UJ	0.0039 UJ
Naphthalene	91-20-3	mg/kg	3.8	17	130	--	0.0042 U	0.004 U	0.0039 U	0.0038 U	**0.0009 LJ**	**0.001 LJ**	0.0039 UJ	0.0038 UJ	0.0039 UJ	0.0042 U	**0.0013 LJ**	**0.0009 LJ**	0.0038 U	**0.0021 LJ**	**0.003 LJ**	0.0039 U	0.0039 U	**0.00087 LJ**	**0.0012 LJ**	0.004 UJ	0.0039 UJ
Pentachlorophenol	87-86-5	mg/kg	1	4	99	--	0.0086 UJv	0.0082 UJv	0.0079 UJv	0.0077 UJv	0.0083 UJv	0.0081 UJv	0.0079 UJ	0.0078 UJ	0.0078 UJ	0.0086 UJv	0.0078 UJv	0.0076 U	0.0078 U	0.0085 UJv	0.0077 U	0.0079 U	0.008 U	0.0086 UJv	0.008 UJ	0.0081 UJ	0.0078 UJ
Phenanthrene	85-01-8	mg/kg	NP	NP	NP	--	**0.0036 LJ**	**0.0048**	**0.0016 LJ**	**0.0021 LJ**	**0.0091**	**0.011**	**0.0063 J**	**0.0049 J**	0.0039 UJ	**0.0040**	**0.0087**	**0.003 LJ**	0.0038 U	**0.023**	**0.023**	0.0039 U	**0.0012 LJ**	**0.0051**	**0.0081 J**	**0.0019 LJ**	0.0039 UJ
Pyrene	129-00-0	mg/kg	1800	23000	1700	--	**0.0045**	**0.0054**	**0.0016 LJ**	**0.0025 LJ**	**0.013**	**0.015**	**0.01 J**	**0.0067 J**	0.0039 UJ	**0.0084**	**0.013**	**0.0033 LJ**	0.0038 U	**0.035**	**0.032**	0.0039 U	**0.00088 LJ**	**0.0063**	**0.011 J**	**0.0016 LJ**	0.0039 UJ
VOA																											
1,1,1-Trichloroethane	71-55-6	mg/kg	8100	36000	8100	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6	2.7	60	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1	5	1.5	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,1-Dichloroethane	75-34-3	mg/kg	3.6	16	360	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,1-Dichloroethene	75-35-4	mg/kg	230	1000	230	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63	930	49	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053	0.064	0.53	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,2-Dibromoethane	106-93-4	mg/kg	0.036	0.16	3.6	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1800	9300	1800	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,2-Dichloroethane	107-06-2	mg/kg	0.46	2	31	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,2-Dichloropropane	78-87-5	mg/kg	1	4.4	16	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,3-Dichlorobenzene	541-73-1	mg/kg	NP	NP	NP	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6	11	260	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
2-Butanone	78-93-3	mg/kg	27000	190000	27000	--	**0.039**	**0.066**	0.0098 U	0.0095 U	**0.028 J**	0.012 U	0.0097 U	**0.0081 LJ**	**0.0085 U**	0.013 U	**0.022**	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	**0.0047 LJ**	**0.014**	**0.017**	0.0097 U	**0.0082 LJ**
2-Hexanone	591-78-6	mg/kg	200	1300	200	--	0.016 U	0.011 U	0.0098 U	0.0095 U	0.012 U	0.012 U	0.0097 U	0.011 U	0.011 U	0.013 U	0.01 U	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.0097 U	0.0099 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	56000	5300	--	0.016 U	**0.0033 LJ**	0.0098 U	0.0095 U	**0.0058 LJ**	0.012 U	0.0097 U	0.011 U	0.011 U	0.013 U	**0.0027 LJ**	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.0097 U	0.0099 U
Acetone	67-64-1	mg/kg	61000	670000	61000	--	**0.14**	**0.1**	0.0098 U	0.0095 U	**0.21**	0.012 U	**0.0061 LJ**	**0.022**	**0.015**	0.013 U	**0.13**	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	0.011 U	**0.053**	**0.04**	**0.01**	**0.0088 LJ**
Benzene	71-43-2	mg/kg	1.2	5.1	82	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Bromochloromethane	74-97-5	mg/kg	150	630	150	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Bromodichloromethane	75-27-4	mg/kg	0.29	1.3	29	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Bromoform	75-25-2	mg/kg	19	86	1200	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Bromomethane	74-83-9	mg/kg	6.8	30	6.8	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Carbon disulfide	75-15-0	mg/kg	770	3500	770	--	**0.00055 LJ**	**0.00059 LJ**	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Carbon tetrachloride	56-23-5	mg/kg	0.65	2.9	65	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Chlorobenzene	108-90-7	mg/kg	280	1300	280	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Chloroethane	75-00-3	mg/kg	14000	57000	14000	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Chloroform	67-66-3	mg/kg	0.32	1.4	32	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Chloromethane	74-87-3	mg/kg	110	460	110	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	160	2300	160	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP	NP	NP	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Cyclohexane	110-82-7	mg/kg	6500	27000	6500	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Dibromochloromethane	124-48-1	mg/kg	0.75	3.3	73	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Dichlorodifluoromethane	75-71-8	mg/kg	87	370	87	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Ethylbenzene	100-41-4	mg/kg	5.8	25	580	--	0.0078 U	**0.00029 LJ**	0.0049 U	0.0047 U	**0.0003 LJ**	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	**0.00021 LJ**	0.0048 U	0.0044 U	**0.0002 LJ**	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Isopropylbenzene	98-82-8	mg/kg	1900	9900	1900	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	2400	550	--	**0.00062 LJ**	**0.00055 LJ**	**0.00016 LJ**	0.0047 U	**0.00059 LJ**	**0.00023 LJ**	**0.00022 LJ**	**0.00023 LJ**	0.0057 U	**0.00036 LJ**	**0.00047 LJ**	**0.00035 LJ**	**0.00014 LJ**	**0.00061 LJ**	0.0054 U	**0.00029 LJ**	0.0055 U	**0.00054 LJ**	0.0053 U	0.0048 U	0.005 U
Methyl acetate	79-20-9	mg/kg	78000	1200000	78000	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Methyl tert-butyl ether	1634-04-4	mg/kg	47	210	4700	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Methylcyclohexane	108-87-2	mg/kg	NP	NP	NP	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Methylene chloride	75-09-2	mg/kg	57	1000	350	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
o-Xylene	95-47-6	mg/kg	650	2800	650	--	**0.00027 LJ**	**0.00017 LJ**	0.0049 U	0.0047 U	**0.00022 LJ**	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	**0.00017 LJ**	**0.00015 LJ**	0.0044 U	**0.00034 LJ**	0.0054 U	0.0054 U	0.0055 U	**0.00025 LJ**	0.0053 U	0.0048 U	0.005 U
Styrene	100-42-5	mg/kg	6000	35000	6000	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Tetrachloroethene	127-18-4	mg/kg	24	100	81	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 UR	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Toluene	108-88-3	mg/kg	4900	47000	4900	--	**0.0026 LJ**	**0.0027 LJ**	**0.00097 LJ**	**0.00061 LJ**	**0.0052 LJ**	**0.0023 LJ**	**0.0018 LJ**	**0.0062**	**0.00075 LJ**	**0.0055 LJ**	**0.001 LJ**	**0.0024 LJ**	**0.00029 LJ**	**0.0079**	**0.001 LJ**	**0.0014 LJ**	**0.0007 LJ**	**0.017**	**0.0022 LJ**	**0.0012 LJ**	**0.00098 LJ**
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600	23000	1600	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP	NP	NP	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Trichloroethene	79-01-6	mg/kg	0.94	6	4.1	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Trichlorofluoromethane	75-69-4	mg/kg	730	3100	730	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Vinyl chloride	75-01-4	mg/kg	0.059	1.7	5.9	--	0.0078 U	0.0054 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0055 U	0.0058 U	0.0053 U	0.0048 U	0.005 U

Residential Soil - June 2015 EPA Residential Soil RSL
Industrial Soil - June 2015 EPA Industrial Soil RSL
Residential Soil RML - January 2015 EPA Residential Soil RML
NA - Not Analyzed
NP - Not Published
J - Estimated Value
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
R - Unusable
Yellow highlighted cells exceed RSL
Green highlighted cells exceed RML

Wilcox Oil
Soil Analytical Data
Bristow, OK

Full List of Chemicals Anlyzed in the Soil

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level
Metals			
Aluminum	7429-90-5	mg/kg	77000
Antimony	7440-36-0	mg/kg	31
Arsenic	7440-38-2	mg/kg	0.68
Barium	7440-39-3	mg/kg	15000
Beryllium	7440-41-7	mg/kg	160
Cadmium	7440-43-9	mg/kg	71
Calcium	7440-70-2	mg/kg	NP
Chromium	7440-47-3	mg/kg	NP
Cobalt	7440-48-4	mg/kg	23
Copper	7440-50-8	mg/kg	3100
Iron	7439-89-6	mg/kg	55000
Lead	7439-92-1	mg/kg	400
Magnesium	7439-95-4	mg/kg	NP
Manganese	7439-96-5	mg/kg	1800
Mercury	7439-97-6	mg/kg	9.4
Nickel	7440-02-0	mg/kg	1500
Potassium	7440-09-7	mg/kg	NP
Selenium	7782-49-2	mg/kg	390
Silver	7440-22-4	mg/kg	390
Sodium	7440-23-5	mg/kg	NP
Thallium	7440-28-0	mg/kg	0.78
Vanadium	7440-62-2	mg/kg	390
Zinc	7440-66-6	mg/kg	23000
Pesticides			
4,4'-DDD	72-54-8	mg/kg	2.3
4,4'-DDE	72-55-9	mg/kg	2
4,4'-DDT	50-29-3	mg/kg	1.9
Acetophenone	98-86-2	mg/kg	7800
Aldrin	309-00-2	mg/kg	0.039
alpha-BHC	319-84-6	mg/kg	0.086
alpha-Chlordane	5103-71-9	mg/kg	NP
Atrazine	1912-24-9	mg/kg	2.4
Benzaldehyde	100-52-7	mg/kg	7800
beta-BHC	319-85-7	mg/kg	0.3
Caprolactam	105-60-2	mg/kg	31000
Carbazole	86-74-8	mg/kg	NP
delta-BHC	319-86-8	mg/kg	NP
Dieldrin	60-57-1	mg/kg	0.034
Endosulfan I	959-98-8	mg/kg	NP
Endosulfan II	33213-65-9	mg/kg	NP
Endosulfan sulfate	1031-07-8	mg/kg	NP
Endrin	72-20-8	mg/kg	19
Endrin aldehyde	7421-93-4	mg/kg	NP
Endrin ketone	53494-70-5	mg/kg	NP
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57
gamma-Chlordane	5103-74-2	mg/kg	NP
Heptachlor	76-44-8	mg/kg	0.13
Heptachlor epoxide	1024-57-3	mg/kg	0.07
Methoxychlor	72-43-5	mg/kg	320
Toxaphene	8001-35-2	mg/kg	0.49

mg/kg-milligrams per kilogram

NP - Not Published

Residential Soil Screening Level- June 2015 EPA Residential Soil RSL

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level
Polychlorinated Biphenyls			
Aroclor-1016	12674-11-2	mg/kg	4.1
Aroclor-1221	11104-28-2	mg/kg	0.17
Aroclor-1232	11141-16-5	mg/kg	0.17
Aroclor-1242	53469-21-9	mg/kg	0.23
Aroclor-1248	12672-29-6	mg/kg	0.23
Aroclor-1254	11097-69-1	mg/kg	0.24
Aroclor-1260	11096-82-5	mg/kg	0.24
Aroclor-1262	37324-23-5	mg/kg	NP
Aroclor-1268	11100-14-4	mg/kg	NP
Volatile Organic Compounds			
1,1,1-Trichloroethane	71-55-6	mg/kg	8100
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6
1,1,2-Trichloroethane	79-00-5	mg/kg	1.1
1,1-Dichloroethane	75-34-3	mg/kg	3.6
1,1-Dichloroethene	75-35-4	mg/kg	230
1,2,3-Trichlorobenzene	87-61-6	mg/kg	63
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053
1,2-Dibromoethane	106-93-4	mg/kg	0.036
1,2-Dichlorobenzene	95-50-1	mg/kg	1800
1,2-Dichloroethane	107-06-2	mg/kg	0.46
1,2-Dichloropropane	78-87-5	mg/kg	1
1,3-Dichlorobenzene	541-73-1	mg/kg	NP
1,4-Dichlorobenzene	106-46-7	mg/kg	2.6
2-Butanone	78-93-3	mg/kg	27000
2-Hexanone	591-78-6	mg/kg	200
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300
Acetone	67-64-1	mg/kg	61000
Benzene	71-43-2	mg/kg	1.2
Bromochloromethane	74-97-5	mg/kg	150
Bromodichloromethane	75-27-4	mg/kg	0.29
Bromoform	75-25-2	mg/kg	19
Bromomethane	74-83-9	mg/kg	6.8
Carbon disulfide	75-15-0	mg/kg	770
Carbon tetrachloride	56-23-5	mg/kg	0.65
Chlorobenzene	108-90-7	mg/kg	280
Chloroethane	75-00-3	mg/kg	14000
Chloroform	67-66-3	mg/kg	0.32
Chloromethane	74-87-3	mg/kg	110
cis-1,2-Dichloroethene	156-59-2	mg/kg	160
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NP
Cyclohexane	110-82-7	mg/kg	6500
Dibromochloromethane	124-48-1	mg/kg	0.75
Dichlorodifluoromethane	75-71-8	mg/kg	87
Ethylbenzene	100-41-4	mg/kg	5.8
Isopropylbenzene	98-82-8	mg/kg	1900
m,p-Xylene	08-38-3/106-42-	mg/kg	550
Methyl acetate	79-20-9	mg/kg	78000
Methyl tert-butyl ether	1634-04-4	mg/kg	47
Methylcyclohexane	108-87-2	mg/kg	NP
Methylene chloride	75-09-2	mg/kg	57
o-Xylene	95-47-6	mg/kg	650
Styrene	100-42-5	mg/kg	6000
Tetrachloroethene	127-18-4	mg/kg	24
Toluene	108-88-3	mg/kg	4900
trans-1,2-Dichloroethene	156-60-5	mg/kg	1600
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NP
Trichloroethene	79-01-6	mg/kg	0.94
Trichlorofluoromethane	75-69-4	mg/kg	730
Vinyl chloride	75-01-4	mg/kg	0.059

Wilcox Oil
Soil Analytical Data
Bristow, OK

Full List of Chemicals Anlyzed in the Soil

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level
Semi-volatile Organic Compounds			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000
1,1'-Biphenyl	92-52-4	mg/kg	47
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23
1,2,4-Trichlorobenzene	120-82-1	mg/kg	24
1,4-Dioxane	123-91-1	mg/kg	5.3
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg	4.9
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300
2,4,6-Trichlorophenol	88-06-2	mg/kg	49
2,4-Dichlorophenol	120-83-2	mg/kg	190
2,4-Dimethylphenol	105-67-9	mg/kg	1300
2,4-Dinitrophenol	51-28-5	mg/kg	130
2,4-Dinitrotoluene	121-14-2	mg/kg	1.7
2,6-Dinitrotoluene	606-20-2	mg/kg	0.36
2-Chloronaphthalene	91-58-7	mg/kg	4800
2-Chlorophenol	95-57-8	mg/kg	390
2-Methylnaphthalene	91-57-6	mg/kg	240
2-Methylphenol	95-48-7	mg/kg	3200
2-Nitroaniline	88-74-4	mg/kg	630
2-Nitrophenol	88-75-5	mg/kg	NP
3,3'-Dichlorobenzidine	91-94-1	mg/kg	1.2
3-Nitroaniline	99-09-2	mg/kg	NP
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP
4-Chloro-3-methylphenol	59-50-7	mg/kg	6300
4-Chloroaniline	106-47-8	mg/kg	2.7
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	NP
4-Methylphenol	106-44-5	mg/kg	6300
4-Nitroaniline	100-01-6	mg/kg	27
4-Nitrophenol	100-02-7	mg/kg	NP
Benzo(a)anthracene	56-55-3	mg/kg	0.16
Benzo(a)pyrene	50-32-8	mg/kg	0.016
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	190
Bis(2-chloroethyl)ether	111-44-4	mg/kg	0.23
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	39
Butylbenzylphthalate	85-68-7	mg/kg	290
Chrysene	218-01-9	mg/kg	16
Dibenzofuran	132-64-9	mg/kg	73
Diethylphthalate	84-66-2	mg/kg	51000
Dimethylphthalate	131-11-3	mg/kg	NP
Di-n-butylphthalate	84-74-2	mg/kg	6300
Di-n-octylphthalate	117-84-0	mg/kg	630
Fluoranthene	206-44-0	mg/kg	2400
Hexachlorobenzene	118-74-1	mg/kg	0.21
Hexachlorobutadiene	87-68-3	mg/kg	1.2
Hexachlorocyclopentadiene	77-47-4	mg/kg	1.8
Hexachloroethane	67-72-1	mg/kg	1.8
Isophorone	78-59-1	mg/kg	570
Nitrobenzene	98-95-3	mg/kg	5.1
N-Nitroso-di-n-propylamine	621-64-7	mg/kg	0.078
N-Nitrosodiphenylamine	86-30-6	mg/kg	110
Pentachlorophenol	87-86-5	mg/kg	1
Phenanthrene	85-01-8	mg/kg	NP
Phenol	108-95-2	mg/kg	19000
Pyrene	129-00-0	mg/kg	1800

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level
Semi-volatile Organic Compounds (SIM)			
2-Methylnaphthalene	91-57-6	mg/kg	240
Acenaphthene	83-32-9	mg/kg	3600
Acenaphthylene	208-96-8	mg/kg	NP
Anthracene	120-12-7	mg/kg	18000
Benzo(a)anthracene	56-55-3	mg/kg	0.16
Benzo(a)pyrene	50-32-8	mg/kg	0.016
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6
Chrysene	218-01-9	mg/kg	16
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016
Fluoranthene	206-44-0	mg/kg	2400
Fluorene	86-73-7	mg/kg	2400
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16
Naphthalene	91-20-3	mg/kg	3.8
Pentachlorophenol	87-86-5	mg/kg	1
Phenanthrene	85-01-8	mg/kg	NP
Pyrene	129-00-0	mg/kg	1800

mg/kg-milligrams per kilogram

SIM-selected ion monito

NP - Not Published

Residential Soil Screening Level- June 2015 EPA Residential Soil RSL

| Athlete | Country | Gender | Age Group | Age Group Category | Rank | Gold Medals | Silver Medals | Bronze Medals | Total Medals | Gold Medal Points | Silver Medal Points | Bronze Medal Points | Total Medal Points | Gold Medal Points Rank | Silver Medal Points Rank | Bronze Medal Points Rank | Total Medal Points Rank | Gold Medal Points Rank Change | Silver Medal Points Rank Change | Bronze Medal Points Rank Change | Total Medal Points Rank Change | Gold Medal Points Rank Change Percentage | Silver Medal Points Rank Change Percentage | Bronze Medal Points Rank Change Percentage | Total Medal Points Rank Change Percentage | Gold Medal Points Rank Change Percentile | Silver Medal Points Rank Change Percentile | Bronze Medal Points Rank Change Percentile | Total Medal Points Rank Change Percentile | Gold Medal Points Rank Change Percentile Rank | Silver Medal Points Rank Change Percentile Rank | Bronze Medal Points Rank Change Percentile Rank | Total Medal Points Rank Change Percentile Rank | Gold Medal Points Rank Change Percentile Rank Change | Silver Medal Points Rank Change Percentile Rank Change | Bronze Medal Points Rank Change Percentile Rank Change | Total Medal Points Rank Change Percentile Rank Change | Gold Medal Points Rank Change Percentile Rank Change Percentage | Silver Medal Points Rank Change Percentile Rank Change Percentage | Bronze Medal Points Rank Change Percentile Rank Change Percentage | Total Medal Points Rank Change Percentile Rank Change Percentage | Gold Medal Points Rank Change Percentile Rank Change Percentile | Silver Medal Points Rank Change Percentile Rank Change Percentile | Bronze Medal Points Rank Change Percentile Rank Change Percentile | Total Medal Points Rank Change Percentile Rank Change Percentile | Gold Medal Points Rank Change Percentile Rank Change Percentile Rank | Silver Medal Points Rank Change Percentile Rank Change Percentile Rank | Bronze Medal Points Rank Change Percentile Rank Change Percentile Rank | Total Medal 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2020-21 GIS
Gulf Shores Public Schools
Mobile, AL

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Variable	Unit	Source	Data type	Data collection	Frequency	Trend	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Malawi																																																																				
Population	Thousands	WB	Stock	Annual	Mid-year		4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8
Population growth	%	WB	Rate	Annual	Mid-year		2.8	2.8	2.8

2020-21 GIS
Gain Statistics Report
Wichita, KS

Name	Gender	Grade	Gain Percentile (Reading)	Gain Percentile (Math)	Gain Percentile (Composite)	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021	Fall 2019	Winter 2020	Spring 2021
Allen																																			
Allen, Ashton	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Bryce	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Cooper	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Dylan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Gabriel	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Jaxon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Jonathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Kaden	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Kaylee	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Lucas	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Lucy	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Mason	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Mia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Nathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Ryan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Sawyer	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Allen, Tyler	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey																																			
Bailey, Ashton	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Bryce	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Cooper	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Dylan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Gabriel	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Jaxon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Jonathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Kaden	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Kaylee	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Lucas	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Lucy	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Mason	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Mia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Nathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Ryan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Sawyer	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bailey, Tyler	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter																																			
Carter, Ashton	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Bryce	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Cooper	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Dylan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Gabriel	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Jaxon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Jonathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Kaden	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Kaylee	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Lucas	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Lucy	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Mason	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Mia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Nathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Ryan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Sawyer	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Carter, Tyler	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan																																			
Dylan, Ashton	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Bryce	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Cooper	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Dylan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Gabriel	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Jaxon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Jonathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Kaden	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Kaylee	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Lucas	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Lucy	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Mason	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Mia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Nathan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Ryan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Sawyer	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dylan, Tyler	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - Gain Percentile - Low (Bottom 33 percentile)
[illegible] - Gain Percentile - Middle (34 - 66 percentile)
[illegible] - Gain Percentile - High (Top 33 percentile)
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile
[illegible] - Fall 2019 - Winter 2020 - Spring 2021 Gain Percentile

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level	report	Grid 1 0-2in bgs 6/2/2015	Grid 1-Duplicate 0-2in bgs 6/2/2015	Grid 1 2-6in bgs 6/2/2015	Grid 1 6-12in bgs 6/2/2015	Grid 2 0-2in bgs 6/2/2015	Grid 2 2-6in bgs 6/2/2015	Grid 3 0-2in bgs 6/2/2015	Grid 3 2-6in bgs 6/2/2015	Grid 3 6-12in bgs 6/2/2015	Grid 4 0-2in bgs 6/2/2015	Grid 4-Duplicate 0-2in bgs 6/2/2015	Grid 4 2-6in bgs 6/2/2015
Metals																
Aluminum	7429-90-5	mg/kg	77000	--	2220 J	2120 J	2680	2960	2740	4020	1790 J	2810 J	2770 J	2200 J	3150 J	3820
Arsenic	7440-38-2	mg/kg	0.68	--	0.98	1	1.1	1.7	2.1	1.8	1.3	1.6	1.4	1.3	1.4	1.9
Barium	7440-39-3	mg/kg	15000	--	32.4 J	32 J	29.4	32.2	34.7	31.1	48.1 J	39.9 J	33.1 J	31.9 J	31.2 J	34
Calcium	7440-70-2	mg/kg	NP	--	1120	1120	1850	607	1080	688	2220	4510	753	1880	13800	670
Chromium	7440-47-3	mg/kg	NP	--	5.3	5.6	5.6	8.5	6.6	7.7	5.6	6.1	6.8	5.5	5.5	9.5
Cobalt	7440-48-4	mg/kg	23	--	2.8	3.3	2.7	5.1	3	4	2.3	2.3	2.9	3	2.8	3.1
Copper	7440-50-8	mg/kg	3100	--	10.3	9.7	10.8	21.3	10	18.6	11	11.4	15.3	16.3	17	24.8
Iron	7439-89-6	mg/kg	55000	--	3410 J	3450 J	4100	9040	4170	17600	3280 J	4190 J	6070 J	3090 J	5310 J	6360
Lead	7439-92-1	mg/kg	400	--	15.5	16.4	13.2	5.9	18	7.1	15.1	11.9	6.4	16.5	8.3	4.1
Magnesium	7439-95-4	mg/kg	NP	--	279 LJ	284 LJ	469	433 U	481 U	546 U	322 LJ	612	449 U	301 LJ	2020	473 U
Manganese	7439-96-5	mg/kg	1800	--	210	208	203 J	577 J	410 J	1280 J	239	237	217	135	244	199 J
Mercury	7439-97-6	mg/kg	9.4	--	0.0028 LJ	0.12 U	0.0042 LJ	0.1 U	0.0035 LJ	0.11 U	0.11 U	0.11 U	0.1 U	0.12 U	0.11 U	0.1 U
Nickel	7440-02-0	mg/kg	1500	--	3	3.2	3.1	4	2.8	3.9	3.2	3.6	3.4	3.3	3	4.1
Potassium	7440-09-7	mg/kg	NP	--	466 U	500 U	465 U	433 U	481 U	546 U	465 U	493	449 U	569 U	535 U	473 U
Vanadium	7440-62-2	mg/kg	390	--	7.6	8	8.2	12.7	8.1	12	7.7	8.8	10.2	8.7	9.6	15.7
Zinc	7440-66-6	mg/kg	23000	--	36.8 J	40.3 J	24.3	7.8	41.1	17.2	56.5 J	29.1 J	11 J	40.3 J	19.6 J	9.6
Polychlorinated Biphenyls (None Detected)																
Pesticides																
4,4'-DDD	72-54-8	mg/kg	2.3	--	0.00066 LJ	0.00054 LJ	0.00073 LJ	0.00025 LJ	0.000067 LJ	0.004 U	0.0008 LJ	0.00061 LJ	0.00037 LJ	0.0037 U	0.0012 LJ	0.0039 U
4,4'-DDE	72-55-9	mg/kg	2	--	0.0018 LJ	0.0004 LJ	0.00062 LJ	0.0038 U	0.00024 LJ	0.00014 LJ	0.00024 LJ	0.0022 LJ	0.0038 U	0.0001 LJ	0.0037 U	0.0039 U
4,4'-DDT	50-29-3	mg/kg	1.9	--	0.00051 LJ	0.0003 LJ	0.00046 LJ	0.0038 U	0.00075 LJ	0.00044 LJ	0.0011 LJ	0.0006 LJ	0.00019 LJ	0.00023 LJ	0.00044 LJ	0.0039 U
Aldrin	309-00-2	mg/kg	0.039	--	0.0021 U	0.0021 U	0.002 U	0.002 U	0.0021 U	0.0021 U	0.00025 LJ	0.00048 LJ	0.002 U	0.0019 U	0.0019 U	0.002 U
beta-BHC	319-85-7	mg/kg	0.3	--	0.0021 U	0.00061 LJ	0.002 U	0.002 U	0.0021 U	0.0021 U	0.00047 LJ	0.0019 U	0.00028 LJ	0.000087 LJ	0.0019 U	0.002 U
Carbazole	86-74-8	mg/kg	NP	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.024 LJ	0.084 LJ	0.2 U	0.19 U	0.19 U	0.2 U
Dieldrin	60-57-1	mg/kg	0.034	--	0.004 U	0.004 U	0.00039 LJ	0.00027 LJ	0.00027 LJ	0.00039 LJ	0.0038 U	0.0038 U	0.0038 U	0.0037 U	0.0037 U	0.00019 LJ
Endosulfan II	33213-65-9	mg/kg	NP	--	0.00072 LJ	0.001 LJ	0.0039 U	0.0038 U	0.0041 U	0.004 U	0.0085 LJ	0.00095 LJ	0.00021 LJ	0.00053 LJ	0.0013 LJ	0.0039 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	--	0.004 U	0.004 U	0.0039 U	0.0038 U	0.00031 LJ	0.004 U	0.0046 J	0.0038 U	0.0038 U	0.000087 LJ	0.00036 LJ	0.0039 U
Endrin	72-20-8	mg/kg	19	--	0.00048 LJ	0.00083 LJ	0.0039 U	0.00081 LJ	0.0041 U	0.004 U	0.0013 LJ	0.00095 LJ	0.00042 LJ	0.0037 U	0.0037 U	0.0039 U
Endrin ketone	53494-70-5	mg/kg	NP	--	0.00029 LJ	0.00033 LJ	0.0039 U	0.0038 U	0.0041 U	0.004 U	0.0014 LJ	0.0012 LJ	0.000095 LJ	0.00015 LJ	0.0002 LJ	0.0039 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	--	0.0021 U	0.0021 U	0.000096 LJ	0.00019 LJ	0.00022 LJ	0.00034 LJ	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.00015 LJ
gamma-Chlordane	5103-74-2	mg/kg	NP	--	0.00073 LJ	0.00024 LJ	0.00041 LJ	0.00022 LJ	0.0002 LJ	0.00019 LJ	0.00054 LJ	0.00033 LJ	0.00014 LJ	0.0019 U	0.00031 LJ	0.00019 LJ
Heptachlor	76-44-8	mg/kg	0.13	--	0.00028 LJ	0.00032 LJ	0.002 U	0.002 U	0.0021 U	0.00025 LJ	0.002 U	0.00027 LJ	0.00015 LJ	0.00019 LJ	0.00028 LJ	0.002 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	--	0.0021 U	0.0021 U	0.0006 LJ	0.002 U	0.0021 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0019 U	0.0019 U	0.002 U
Methoxychlor	72-43-5	mg/kg	320	--	0.021 U	0.021 U	0.02 U	0.0014 LJ	0.021 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.019 U	0.0013 LJ
Semi-volatile Organic Compounds																
Benzo(a)anthracene	56-55-3	mg/kg	0.16	--	NA	NA	NA	NA	NA	NA	0.21	0.32	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	mg/kg	0.016	--	NA	NA	NA	NA	NA	NA	NA	0.28	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	--	NA	NA	NA	NA	NA	NA	0.47	0.57	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	39	--	0.15 LJ	0.048 LJ	0.2	0.13 LJ	0.21 U	0.31	0.044 LJ	0.64	0.24	0.19 U	0.017 LJ	0.19 LJ
Butylbenzylphthalate	85-68-7	mg/kg	290	--	0.21 U	0.21 U	0.093 LJ	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U
Chrysene	218-01-9	mg/kg	16	--	NA	NA	NA	NA	NA	NA	0.24	0.33	NA	NA	NA	NA
Dibenzofuran	132-64-9	mg/kg	73	--	0.21 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.028 LJ	0.2 U	0.19 U	0.19 U	0.2 U
Di-n-butylphthalate	84-74-2	mg/kg	6300	--	0.02 LJ	0.21 U	0.2 U	0.2 U	0.21 U	0.025 LJ	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U
Fluoranthene	206-44-0	mg/kg	2400	--	NA	NA	NA	NA	NA	NA	0.35	0.53	NA	NA	NA	NA
Phenanthrene	85-01-8	mg/kg	NP	--	NA	NA	NA	NA	NA	NA	NA	0.35	NA	NA	NA	NA
Pyrene	129-00-0	mg/kg	1800	--	NA	NA	NA	NA	NA	NA	0.34	0.47	NA	NA	NA	NA
Semi-volatile Organic Compounds (SIM)																
2-Methylnaphthalene	91-57-6	mg/kg	240	--	0.0037 LJ	0.012 U	0.0014 LJ	0.0037 LJ	0.0025 LJ	0.004 U	0.076 U	0.021 LJ	0.019 U	0.0037 U	0.00089 LJ	0.0039 U
Acenaphthene	83-32-9	mg/kg	3600	--	0.0056 LJ	0.0071 LJ	0.0012 LJ	0.0008 LJ	0.0017 LJ	0.004 U	0.076 U	0.066 LJ	0.019 U	0.0037 U	0.0038 U	0.0039 U
Acenaphthylene	208-96-8	mg/kg	NP	--	0.0066 LJ	0.0046 LJ	0.0039 LJ	0.0022 LJ	0.0025 LJ	0.004 U	0.084	0.048 LJ	0.0065 LJ	0.0016 LJ	0.001 LJ	0.0039 U
Anthracene	120-12-7	mg/kg	18000	--	0.01	0.011 LJ	0.0045 J	0.0025 LJ	0.0036 LJ	0.004 U	0.066 LJ	0.1	0.0055 LJ	0.0017 LJ	0.0014 LJ	0.0039 U
Benzo(a)anthracene	56-55-3	mg/kg	0.16	--	0.042	0.048	0.021 J	0.0086	0.014	0.003 LJ	NA	NA	0.02	0.006	0.0076	0.0017 LJ
Benzo(a)pyrene	50-32-8	mg/kg	0.016	--	0.035	0.04	0.022 J	0.0075	0.011	0.0026 LJ	0.21	NA	0.014 LJ	0.0054	0.0064	0.0012 LJ
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	--	0.064	0.068	0.03 J	0.015	0.021	0.0055	NA	NA	0.03	0.011	0.014	0.002 LJ
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	--	0.0029 LJ	0.0029 LJ	0.014 J	0.0058	0.009	0.002 LJ	0.046 LJ	0.06 LJ	0.019 U	0.00089 LJ	0.00096 LJ	0.0011 LJ
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	--	0.017	0.017	0.01 J	0.0046	0.0062	0.0014 LJ	0.12	0.13	0.0084 LJ	0.003 LJ	0.0037 LJ	0.0039 U
Chrysene	218-01-9	mg/kg	16	--	0.049	0.053	0.025 J	0.012	0.019	0.0057	NA	NA	0.022	0.011	0.01	0.0038 LJ
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016	--	0.0083	0.009 LJ	0.004 J	0.002 LJ	0.0029 LJ	0.004 U	0.047 LJ	0.057 LJ	0.019 U	0.0015 LJ	0.0017 LJ	0.0039 U
Fluoranthene	206-44-0	mg/kg	2400	--	0.063	0.07	0.022 J	0.012	0.02	0.0054	NA	NA	0.027	0.01	0.013	0.0015 LJ
Fluorene	86-73-7	mg/kg	2400	--	0.0039 LJ	0.0041 LJ	0.0012 LJ	0.0038 U	0.0013 LJ	0.004 U	0.076 U	0.041 LJ	0.019 U	0.0037 U	0.0038 U	0.0039 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	--	0.035	0.038	0.018 J	0.0088	0.012	0.0032 LJ	0.23	0.26	0.016 LJ	0.0062	0.0074	0.0011 LJ
Naphthalene	91-20-3	mg/kg	3.8	--	0.0029 LJ	0.0029 LJ	0.00097 LJ	0.0019 LJ	0.0026 LJ	0.00086 LJ	0.076 U	0.048 LJ	0.019 U	0.00092 LJ	0.0038 U	0.00079 LJ
Pentachlorophenol	87-86-5	mg/kg	1	--	0.016 UJ	0.024 UJ	0.008 UJ	0.0019 LJ	0.0048 LJ	0.0082 UJv	0.15 U	0.15 U	0.039 U	0.0076 UJ	0.0076 UJ	0.0079 UJv
Phenanthrene	85-01-8	mg/kg	NP	--	0.039	0.045	0.011 J	0.0057	0.013	0.0032 LJ	0.086	NA	0.012 LJ	0.005	0.007	0.0027 LJ
Pyrene	129-00-0	mg/kg	1800	--	0.06	0.065	0.024 J	0.012	0.02	0.0057	NA	NA	0.029	0.011	0.013	0.0029 LJ
Volatile Organic Compounds																
2-Butanone	78-93-3	mg/kg	27000	--	0.012 U	0.01 U	0.013	0.011 U	0.013 U	0.013	0.013 U	0.011 U	0.01 U	0.012 U	0.014 U	0.019
Acetone	67-64-1	mg/kg	61000	--	0.023 J	0.027	0.039	0.019	0.0098 LJ	0.029	0.013 U	0.011 U	0.011	0.012 U	0.014 U	0.014
Ethylbenzene	100-41-4	mg/kg	5.8	--	0.00029 LJ	0.0052 U	0.0055 U	0.0054 U	0.0066 U	0.005 U	0.0063 U	0.0053 U	0.0052 U	0.0061 U	0.0068 U	0.0053 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	--	0.00029 LJ	0.0052 U	0.00024 LJ	0.0054 U	0.00033 LJ	0.0002 LJ	0.00034 LJ	0.00056 LJ	0.00045 LJ	0.00025 LJ	0.00033 LJ	0.0053 U
Toluene	108-88-3	mg/kg	4900	--	0.0094 J	0.0033 LJ	0.0061	0.0015 LJ	0.016	0.0049 LJ	0.017	0.0022 LJ	0.0053	0.009	0.01	0.0095

Residential Soil Screening Level- June 2015 EPA Residential Soil RSL
Yellow highlighted cells exceed RSL
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
mg/kg-milligrams per kilogram
BOLD-indicates a detected concentration
bgs-below ground surface

NA - Not Analyzed
NP - Not Published
J - Estimated Value
R - Unusable
SIM-selected ion monitoring
in-inches

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS-NO	Units	EPA Residential Soil Screening Level	Property 001 Sample ID Depth Date	Grid 1 0-6in bgs 5/26/2015	Grid 1- Duplicate 0-6in bgs 5/26/2015	Grid 1 2-6in bgs 5/21/2015	Grid 1 6-12in bgs 5/21/2015	Grid 1 12-24in bgs 5/21/2015	Grid 1- Duplicate 12-24in bgs 5/21/2015	Grid 2 0-2in bgs 5/26/2015	Grid 2 2-6in bgs 5/21/2015	Grid 2 6-12in bgs 5/21/2015	Grid 2 12-24in bgs 5/21/2015	Grid 2- Duplicate 12-24in bgs 5/21/2015	Grid 3 0-2in bgs 5/26/2015	Grid 3 2-6in bgs 5/21/2015	Grid 3 6-12in bgs 5/21/2015	Grid 3 12-24in bgs 5/21/2015	Grid 4 0-2in bgs 5/26/2015	Grid 4- Duplicate 0-2in bgs 5/26/2015	Grid 4 2-6in bgs 5/21/2015	Grid 4 6-12in bgs 5/21/2015	Grid 4 12-24in bgs 5/21/2015	Grid 5 0-2in bgs 5/26/2015	Grid 5 2-6in bgs 5/21/2015	Grid 5 6-12in bgs 5/21/2015	Grid 6 0-2in bgs 5/26/2015	Grid 6 2-6in bgs 5/21/2015	Grid 6 6-12in bgs 5/21/2015	Grid 6 12-24in bgs 5/21/2015
Metals																														
Aluminum	7429-90-5	mg/kg	77000	-	2520	2890	2320	5970	6600	7240	3120	3710	5460	14000	15800	3060	4990	15400	8110	1860	1860	2430	5040	10600	2510	5270	13700	2520	20300	19600	19400
Antimony	7440-36-0	mg/kg	31	-	0.3 U	0.3 U	0.4	0.3 U	0.3 U	0.3 U	0.3 U	1.1 U	1.1 U	1.1 U	1.1 U	0.3 U	1.1 U	0.3 U	1.1 U	0.3 U	0.3 U	1.1 U	0.3 U	1.1 U	0.3 U	1.1 U	1.1 U	0.3 U	1.1 U	1.1 U	1.1 U
Arsenic	7440-38-2	mg/kg	0.68	-	2.3	1.3	2.2	4.3	3.4	3	3.9	2.2	2.2	5.3	2.2	4.3	2.2	4.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Barium	7440-39-3	mg/kg	15000	-	15.8	18.1	14.6	34.1	37.1	40.1	19.5	19.2	31.7	72.2	81.7	19.1	14.1	31.1	46.1	9.4	9.4	13.7	31.1	58.1	13.1	29.1	71.1	16.1	18.1	31.1	31.1
Beryllium	7440-41-7	mg/kg	160	-	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.36 U	0.4 U	0.1 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	7440-43-9	mg/kg	71	-	1.3	1.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Calcium	7440-70-2	mg/kg	NP	-	3630	3630	1400	870	700	560	325	310	370	411	470	4130	1210	400	483	793	1080	710	325	370	4700	1400	1700	527	1110	780	330
Chromium	7440-47-3	mg/kg	NP	-	6.2	5.9	4.8	9.1	9.9	9.8	3.9	7.1	11.9	15.4	18.1	4.4	6.6	17.4	9.4	4.8	3.2	6.5	9	15.3	4.6	12.3	21.5	5.6	25.1	36.7	16.4
Cobalt	7440-48-4	mg/kg	23	-	2.5	2.1 U	3.1	6.2	2.9	2.5	2.1 U	3.4	6.5	4.8	8	2.5	2.5	5.1	3.4	2.1 U	2.1 U	2.5	5.1	8	2.2 U	3.1	8.4	2.2	5.5	5.8	6.4
Copper	7440-50-8	mg/kg	3100	-	8.1	8.1	2.7	6	7.7	8.8	2.1 U	2.8	5.9	6.9	8.6	3.7	3.8	6.3	3.6	2.4	3	3.1	5.6	7.2	4	23.2	10.4	3.2	4.7	9.2	8.8
Iron	7439-89-6	mg/kg	55000	-	5230	6020	5300	13500	16900	8040	2940	4340	7760	11400	12400	6050	7810	14700	13400	4310	6980	6170	9010	12400	5040	12700	20100	5910	20200	17200	21900
Lead	7439-92-1	mg/kg	400	-	13.3	12.2	15.5	7.6	5.7	6	7.7	6.5	12.6	5.9	7.2	11.1	5.8	7.3	5.3	6.8	11	7	6.6	6.8	16.2	18	7.6	33.8	6.4	8	5.9
Magnesium	7439-95-4	mg/kg	NP	-	1040	1770	770	757	620	619	229	511 U	685	1100	1300	2980	515	1230	1023	215	335	1210	329	1120	1700	1510	1165	801	1686	1695	972
Manganese	7439-96-5	mg/kg	1800	-	101	109	197	43.8	27.4	25.7	176	384	146	45.4	58	223.1	63.2	43.1	22.2	170	142	110	161	324	194	436	45.9	139.7	45.1	114	124
Mercury	7439-97-6	mg/kg	23	-	0.13 U	0.13 U	0.13 U	0.2	0.2	0.2	0.13 U	0.13 U	0.13 U	0.2	0.2	0.2	0.2	0.2	0.2	0.13 U	0.13 U	0.13 U	0.2	0.2	0.13 U	0.2	0.2	0.13 U	0.2	0.2	0.2
Nickel	7440-02-0	mg/kg	1600	-	2.9	2.2	2.1	4.2	7	6.1	2.7	3.2	8	8.3	8.8	3.2	2.8	8.7	4.2	2.7	2.7	3	3.2	9.1	2.8	12.3	9.2	2.7	10.2	9.3	8.8
Potassium	7440-09-7	mg/kg	NP	-	405	422	321	439	472	459	270	510	748	582	1120	480	414	1120	515	289	315	420	507	811	305	895	1170	362	1430	1030	959
Selenium	7782-49-2	mg/kg	390	-	3.3 U	3.3 U	2.2	1.1 U	1.1 U	1.1 U	1.1 U	2.7 U	4.3 U	2.9 U	3.4 U	3.6	1.1 U	4.3 U	1.1 U	1.1 U	1.1 U	2.8 U	2	2.7 U	1.1 U	1.4 U	3.4 U	1.1 U	3.8 U	4.6 U	4.6 U
Vanadium	7440-62-2	mg/kg	390	-	11.6	7.2	8.7	23.6	15.6	16.4	5.5	11.9	23.6	16.4	18.6	9.1	12.3	32.3	30.3	6	5.1	10.4	11.7	31.7	8.2	18	33.2	6.3	46.8	41.5	32.8
Zinc	7440-66-6	mg/kg	23000	-	38.8	38.4	23.2	9.1	6.6	7.8	16.2	11.7	11.9	16.9	18	17.7	8.9	16.4	8.7	11.8	14.6	14.1	6.7	15.9	16.2	26.3	34.5	12.3	35.1	16.2	12.4
Polychlorinated Biphenyls (Dose Detected)																															
Pesticides																															
4,4'-DDD	72-54-8	mg/kg	2.3	-	0.00112 U	0.00103 U	0.0009 U	0.0034 U	0.00094 U	0.00098 U	0.0009 U	0.0038 U	0.0037 U	0.0038 U	0.00103 U	0.0012 U	0.0034 U	0.0037 U	0.0037 U	0.0038 U	0.00103 U	0.00103 U	0.0034 U	0.0038 U	0.0008 U	0.0031 U	0.00101 U	0.00103 U	0.00103 U	0.00107 U	0.0038 U
4,4'-DDE	72-55-9	mg/kg	2	-	0.00101 U	0.00098 U	0.00077 U	0.00093 U	0.0033 U	0.00091 U	0.00089 U	0.00101 U	0.00096 U	0.00077 U	0.0033 U	0.0033 U	0.00091 U	0.0033 U	0.00101 U	0.0033 U	0.00101 U	0.00077 U	0.0033 U	0.0033 U	0.0032 U	0.0033	0.0008 U	0.0031 U	0.00101 U	0.00077 U	0.0038 U
4,4'-DDT	50-29-3	mg/kg	1.9	-	0.0009 U	0.00089 U	0.0035 U	0.0011 U	0.00101 U	0.00094 U	0.00091 U	0.0038 U	0.0037 U	0.00101 U	0.00103 U	0.00092 U	0.00079 U	0.00094 U	0.0037 U	0.00048 U	0.00038 U	0.00065 U	0.00101 U	0.00101 U	0.00102 U	0.001 U	0.0013 U	0.00097 U	0.00071 U	0.00101 U
Aldrin	309-00-2	mg/kg	0.3	-	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
alpha-BHC	319-84-6	mg/kg	0.089	-	0.00087 U	0.00073 U	0.0019 U	0.00037 U	0.00034 U	0.00033 U	0.0019 U	0.00032 U	0.00037 U	0.002 U	0.002 U	0.002 U	0.00034 U	0.00032 U	0.00037 U	0.00032 U	0.00037 U	0.00033 U	0.00019 U	0.002 U	0.00032 U	0.00037 U	0.00032 U	0.00037 U	0.00035 U	0.00037 U
beta-BHC	319-85-7	mg/kg	0.3	-	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
delta-BHC	319-86-8	mg/kg	0.3	-	0.00077 U	0.00077 U	0.00071 U	0.002 U	0.002 U	0.002 U	0.00092 U	0.002 U	0.00071 U	0.002 U	0.002 U	0.00071 U	0.002 U	0.002 U	0.00071 U	0.002 U	0.00071 U	0.00071 U	0.002 U	0.002 U	0.00069 U	0.002 U	0.00071 U	0.00069 U	0.002 U	0.00071 U	0.002 U
Dieldrin	60-57-1	mg/kg	0.034	-	0.0007 U	0.0007 U	0.0007 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0017 U	0.00081 U	0.00024 U	0.0019 U	0.0017 U	0.00033 U	0.0017 U	0.0018 U	0.0018 U	0.00055 U	0.00031 U	0.00031 U	0.00026 U	0.0018 U	0.00037 U	0.000311 U	0.0018 U	0.00038 U	0.00038 U
Endosulfan I	959-98-8	mg/kg	NP	-	0.0007 U	0.0019 U	0.0007 U	0.002 U	0.002 U	0.0018 U	0.0018 U	0.002 U	0.0009 U	0.002 U	0.002 U	0.00067 U	0.002 U	0.0018 U	0.0018 U	0.00052 U	0.00038 U	0.0018 U	0.0018 U	0.002 U	0.0018 U	0.002 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Endosulfan II	33213-65-9	mg/kg	NP	-	0.00096 U	0.00035 U	0.0007 U	0.0018 U	0.0018 U	0.0018 U	0.00018 U	0.0018 U	0.0017 U	0.00033 U	0.0018 U	0.0011 U	0.0017 U	0.00037 U	0.0017 U	0.0018 U	0.0017 U	0.0013 U	0.0012 U	0.0012 U	0.00047 U	0.00101 U	0.0014 U	0.0011 U	0.00081 U	0.0012 U	0.00041 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	-	0.00042 U	0.00033 U	0.00038 U	0.00101 U	0.0019 U	0.0018 U	0.00013 U	0.00038 U	0.0017 U	0.00037 U	0.0018 U	0.001 U	0.0017 U	0.00037 U	0.0017 U	0.00036 U	0.0007 U	0.00037 U	0.0018 U	0.0018 U	0.00013 U	0.0018 U	0.0012 U	0.0007 U	0.0009 U	0.00037 U	0.00041 U
Endrin	72-20-8	mg/kg	19	-	0.00033 U	0.0005 U	0.00087 U	0.0013 U	0.0019 U	0.001 U	0.00037 U	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0014 U	0.0017 U	0.0017 U	0.00089 U	0.0018 U	0.0018 U	0.0017 U	0.00051 U	0.0018 U	0.0018 U	0.0018 U	0.0007 U	0.001 U	0.00051 U	0.0017 U	0.0018 U
Endrin aldehyde	7421-93-4	mg/kg	NP	-	0.00057 U	0.00011 U	0.00077 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0017 U	0.00011 U	0.0018 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.00057 U	0.0018 U	0.0017 U	0.0018 U
Endrin ketone	53494-70-5	mg/kg	NP	-	0.00057 U	0.00011 U	0.00077 U	0.0018 U	0.0018 U	0.0018 U	0.00011 U	0.0018 U	0.0017 U	0.00011 U	0.0018 U	0.00011 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.00011 U	0.0018 U	0.0017 U	0.0018 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	-	0.00044 U	0.00037 U	0.0001 U	0.00092 U	0.002 U	0.0019 U	0.00018 U	0.00021 U	0.00019 U	0.002 U	0.002 U	0.00021 U	0.00015 U	0.00012 U	0.0019 U	0.002 U	0.00023 U	0.00017 U	0.002 U	0.0009 U	0.00017 U	0.002 U	0.00023 U	0.00018 U	0.002 U	0.00019 U	0.002 U
gamma-Chlordane	5103-74-2	mg/kg	NP	-	0.00018 U	0.00012 U	0.00015 U	0.002 U	0.002 U	0.002 U	0.00011 U	0.002 U	0.00019 U	0.00011 U	0.00019 U	0.00011 U	0.00019 U	0.00015 U	0.00019 U	0.00009 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U
Heptachlor	76-44-8	mg/kg	0.13	-	0.00099 U	0.00032 U	0.00073 U	0.002 U	0.002 U	0.002 U	0.00037 U	0.002 U	0.00019 U	0.002 U	0.002 U	0.00011 U	0.00019 U	0.00015 U	0.00019 U	0.00038 U	0.002 U	0.00019 U	0.002 U	0.00038 U	0.002 U	0.00019 U	0.002 U	0.00048 U	0.002 U	0.00019 U	0.002 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	-	0.00011 U	0.00011 U	0.00011 U	0.002 U	0.002 U	0.002 U	0.00011 U	0.002 U	0.00011 U	0.002 U	0.002 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.002 U	0.00011 U	0.002 U	0.002 U	0.00011 U	0.00011 U	0.002 U	0.00011 U	0.002 U	0.00011 U	0.002 U
Methoxychlor	72-43-5	mg/kg	100	-	0.0018 U	0.00065 U	0.0019 U	0.0018 U	0.0018 U	0.0018 U	0.00014 U	0.0018 U	0.0019 U	0.0018 U	0.0018 U	0.00014 U	0.0018 U	0.0018 U	0.0018 U	0.00014 U	0.00011 U	0.0018 U	0.0018 U	0.0018 U	0.00012 U	0.0018 U	0.0018 U	0.00013 U	0.0018 U	0.0018 U	0.0018 U
Semi-volatile Organic Compounds																															
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	39	-	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.19 U	0.2 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U	0.17 U	0.16 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.16 U	0.2 U	0.2 U	0.19 U
N-2-Ethylhexylhexanoic	84-75-2	mg/kg	6400	-	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.21 U	0.2 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.19 U
Semi-volatile Organic Compounds (SIM)																															
2-Methylnaphthalene	91-57-6	mg/kg	230	-	0.0034 U	0.00077 U	0.00076 U	0.0019 U	0.0018 U	0.0018 U	0.0012 J	0.0018 U	0.0017 U	0.0019 U	0.0019 U	0.00094 U	0.0018 U	0.002 U	0.0017 U	0.0019 U	0.0018 U	0.0021 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0031 U	0.0021 U	0.009	0.0019 U	0.0019 U
Acenaphthene	83-32-9	mg/kg	3600	-	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.00079 U	0.0021 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0017 U
Acenaphthylene	208-96-8	mg/kg	NP	-	0.00089 U	0.00076 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.00101 U	0.00087 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U	0.00098 U	0.00098 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.002 U	0.0018 U	0.0017 U	0.0017 U
Anthracene	120-12-7	mg/kg	18000	-	0.0015 U	0.002 U	0.00101 U	0.0018 U	0.0018 U	0.0018 U	0.00101 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.00096 U	0.001 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0015 U	0.0013 U	0.0018 U	0.0017 U	0.0017 U
Benzo(a)anthracene	56-55-3	mg/kg	0.15	-	0.0015 U	0.0015 U	0.0012 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0012 U	0.0012 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0017 U	0.001	0.0018 U	0.0017 U
Benzo(a)pyrene	50-32-8	mg/kg	0.015	-	0.0015 U	0.0015 U	0.0015 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0012 U	0.0012 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0017 U	0.0011	0.0018 U	0.0017 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.15	-	0.0016 U	0.0011 U	0.0014 U	0.0018 U	0.0018 U	0.0018 U	0.001 U	0.0014 U	0.0017 U	0.0018 U	0.0018 U	0.0016 U	0.0012 U	0.0013 U	0.0017 U	0.0017 U	0.0013 U	0.0017 U	0.0017 U	0.0018 U	0.0014 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0017 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	-	0.0018 U	0.0019 U	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0009 U	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0013 U	0.0017 U	0.0017 U	0.0017 U	0.0013 U	0.0018 U	0.0015 U	0.0015 U	0.0017 U	0.0018 U	0.0017 U	0.0015 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1.5	-	0.0015 U	0.0018 U	0.001 U	0.0017 U	0.0018 U	0.0018 U	0.0011 U	0.0013 U	0.0017 U	0.0018 U	0.0018 U	0.0012 U	0.0017 U	0.0017 U	0.0017 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U
Chrysene	218-01-9	mg/kg	15	-	0.0015 U	0.0012 U	0.0014 U	0.0017 U	0.0018 U	0.0018 U	0.0011 U	0.0013 U	0.0017 U	0.0018 U	0.0018 U	0.0013 U	0.0012 U	0.0013 U	0.0017 U	0.0012 U	0.0014 U	0.0016 U	0.0013 U	0.0017 U	0.0018 U	0.0017 U	0.0016	0.0017 U	0.0013 U	0.0017 U	0.0017 U
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.015	-	0.0017 U	0.00097 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0009 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0013 U	0.0018 U	0.0017 U	0.0017 U	0.0013 U	0.0018 U	0.0013 U	0.0013 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U
Fluoranthene	206-44-0	mg/kg	2400	-	0.0013 U	0.0015 U	0.0015 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.0013 U	0.0017 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0013 U	0.02	0.0018 U	0.0018 U
Fluorene	86-73-7	mg/kg	2400	-	0.00079 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.15	-	0.0014 U	0.0018 U	0.0015 U	0.0018 U	0.0018 U	0.0018 U	0.0008 U	0.0015 U	0.0017 U	0.0018 U	0.0018 U	0.0016 U	0.0015 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0012 U	0.0013 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U
Naphthalene	91-20-3	mg/kg	3.8	-	0.0019 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0018 U	0.0011 U	0.0015 U	0.0017 U	0.0015 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0011 U	0.0017 U	0.0018 U	0.0017 U	0.0018 U	0.0013 U	0.0013 U	0.0018 U	0.0017 U	0.0017 U
Phenanthrene	85-01-8	mg/kg	NP	-	0.0013 U	0.0016 U	0.0012 U	0.0018 U	0.0018 U	0.0018 U	0.0008 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Pyrene	129-00-0	mg/kg	1800	-	0.0018 U	0.0012 U	0.001 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.0018 U	0.0015 U	0.0018 U	0.0018 U	0.0015 U	0.0018 U	0.0015 U	0.0015 U	0.0018 U	0.0018 U	0.0015 U	0.0015 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0013 U	0.0018 U	0.0018 U	0.0018 U
Volatile Organic Compounds																															
Acetone	67-64-1	mg/kg	27000	-	0.0099 U	0.0 U	0.0057 U	0.0061 U	0.0056 U	0.0019 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0018 U	0.0021 U	0.0061 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0056 U	0.0 U	0.0 U	0.0	0.0057 U	0.0 U	0.0 U	0.0 U
Acrylonitrile	107-13-1	mg/kg	41000	-	0.0099 U	0.0048 U	0.0 U	0.0 U	0.0056 U	0.0057 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0056 U	0.0 U	0.0 U	0.0 U	0.0 U	0.0	0.0 U	0.0 U	0.0 U	0.0056 U
Benzene	71-43-2	mg/kg	1.2	-	0.005 U	0.0012 U	0.0005 U	0.00047 U	0.00047 U	0.00048 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Bromobenzene	108-86-1	mg/kg	62	-	0.005 U	0.0012 U	0.0005 U	0.00047 U	0.00047 U	0.00048 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Bromochloromethane	74-97-5	mg/kg	57	-	0.005 U	0.0012 U	0.0005 U	0.00047 U	0.00047 U	0.00048 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00032 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0003 U	0.0003 U	0.0004 U	0.0004 U	0.0004 U	0.0003 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
n-Butylbenzene	104-51-8	mg/kg	630	-	0.005 U	0.0012 U	0.0005 U	0.00047 U	0.00047 U	0.00048 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00047 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00032 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
n-Propylbenzene	103-65-1	mg/kg	3900	-	0.00012 U	0.00036 U	0.00001 U	0.0011 U	0.00014 U	0.00001 U	0.00009 U	0.0011 U	0.00009 U	0.00015 U	0.00009 U	0.0012 U	0.00012 U	0.00007 U	0.00 U	0.00001 U	0.0012 U	0.00001 U	0.00001 U	0.0012 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
Tetrachloroethylene(Tetrachloroethene)	127-18-4	mg/kg	730	-	0.005 U	0.0012 U	0.0005 U	0.00047 U	0.00047 U	0.00048 U	0.00048 U	0.0004 U	0.0004 U	0.00029 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U

Residential Soil Screening level: June 2012 EPA Hazardous Level (HL)

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS NO	Units	95% Residential Soil Screening Level	Property 95% Sample UCL Depth Total	Grid 1 0-2in bgs 5/26/2015	Grid 1 2-6in bgs 5/26/2015	Grid 1 6-12in bgs 5/26/2015	Grid 1 12-18in bgs 5/26/2015	Grid 1 18-24in bgs 5/26/2015	Grid 1 24-30in bgs 5/26/2015	Grid 2 0-2in bgs 5/26/2015	Grid 2 2-6in bgs 5/26/2015	Grid 2 6-12in bgs 5/26/2015	Grid 2 12-18in bgs 5/26/2015	Grid 2 18-24in bgs 5/26/2015	Grid 2 24-30in bgs 5/26/2015	Grid 3 0-2in bgs 5/26/2015	Grid 3 2-6in bgs 5/26/2015	Grid 3 6-12in bgs 5/26/2015	Grid 3 12-18in bgs 5/26/2015	Grid 3 18-24in bgs 5/26/2015	Grid 3 24-30in bgs 5/26/2015	Grid 3 Duplicate 0-2in bgs 5/26/2015	Grid 3 Duplicate 12-18in bgs 5/26/2015	Grid 4 0-2in bgs 5/26/2015	Grid 4 Duplicate 0-2in bgs 5/26/2015	Grid 4 2-6in bgs 5/26/2015	Grid 4 6-12in bgs 5/26/2015	Grid 4 12-18in bgs 5/26/2015	Grid 4 18-24in bgs 5/26/2015	Grid 4 Duplicate 18-24in bgs 5/26/2015	Grid 5 0-2in bgs 5/26/2015	Grid 5 2-6in bgs 5/26/2015	Grid 5 6-12in bgs 5/26/2015	Grid 5 12-18in bgs 5/26/2015	Grid 5 18-24in bgs 5/26/2015	Grid 6 0-2in bgs 5/26/2015	Grid 6 2-6in bgs 5/26/2015	Grid 6 6-12in bgs 5/26/2015	Grid 6 12-18in bgs 5/26/2015	Grid 6 18-24in bgs 5/26/2015	Grid 7 0-2in bgs 5/26/2015	Grid 7 2-6in bgs 5/26/2015	Grid 7 6-12in bgs 5/26/2015	Grid 7 12-18in bgs 5/26/2015	Grid 7 18-24in bgs 5/26/2015	Grid 8 0-2in bgs 5/26/2015	Grid 8 2-6in bgs 5/26/2015	Grid 8 6-12in bgs 5/26/2015	Grid 8 12-18in bgs 5/26/2015
Metals																																																	
Aluminum	7429-90-5	mg/kg	77000		1400	NS	1100	NS	2600	NS	4900	1600	NS	NS	3600	NS	2600	1100	3600	2100	4400	2100	4300	2600	2400	2600	2300	2470	2600	2100	2500	2300	2600	2300	4700	3100	4400	2510	2700	1700	2600	2900	2300	4700	3100	4400	2510	2400	2600
Antimony	7440-36-0	mg/kg	31		0.72	NS	0.74	NS	0.9	NS	0.9	0.7	NS	0.7	0.9	NS	0.9	0.7	0.9	0.7	0.9	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Arsenic	7440-38-2	mg/kg	0.68		1.2	NS	0.8	NS	1.8	NS	3.5	2.8	NS	3.5	3.4	NS	5.3	3.8	2.7	3.5	3.3	3.2	3.3	3.4	3.1	3.2	3.3	3.2	3.1	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2	3.3	3.2
Barium	7440-39-3	mg/kg	15000		21.1	NS	15.4	NS	31.6	NS	60.2	19.1	NS	41.1	40.1	NS	32.4	24.1	31.1	24.1	31.1	24.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
Beryllium	7440-41-7	mg/kg	160		0.11	NS	0.11	NS	0.15	NS	0.3	0.1	NS	0.2	0.2	NS	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cadmium	7440-43-9	mg/kg	38		0.21	NS	0.21	NS	0.3	NS	0.6	0.2	NS	0.4	0.4	NS	0.4	0.3	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Calcium	7440-70-2	mg/kg	NP		481	NS	291	NS	603	NS	427	550	NS	299	NS	NS	269	471	701	483	563	315	416	750	597	805	321	270	4410	410	210	253	553	435	298	612	553	1470	415	204	1310	290	480	435	427	204	1310	290	480	435	427
Chromium	7440-47-3	mg/kg	NP		6.8	NS	5.6	NS	8.5	NS	8.1	5.9	NS	8.1	8.2	NS	8.5	6.8	7.3	6.8	8.4	5.7	5.6	8.1	8.4	8.3	6.7	6	8.6	6.9	6.7	6.6	5.9	5.9	6.6	5.1	6.1	4.1	16.7	7.1	13.5	2.8	5.8	16.7	7.1	13.5	2.8	5.8	16.7	7.1
Cobalt	7440-48-4	mg/kg	23		2.3	NS	2.2	NS	2.8	NS	4.1	2.1	NS	3.4	2.2	NS	2.1	2.4	4.3	2.4	2.3	2.2	2.3	2.2	2.3	2.2	2.2	2.2	4	2.1	2.4	2.2	2.3	2.2	2.2	2.3	4	2.1	2.4	5.1	12.8	2.2	2.8	5.4	5	12.8	2.2	2.8	5.4	5
Copper	7440-50-8	mg/kg	3100		2.1	NS	2.3	NS	3	NS	5.8	2.3	NS	3.8	3.7	NS	2.8	2.7	5.1	3.4	4.9	3.3	4.9	3.3	3.4	3.3	3.3	3.3	5.2	3.5	3.7	4.3	3.5	3.3	3.4	2.7	5	3.4	3.4	5.1	2.3	2.7	5.9	3.4	5.1	2.3	2.7	5.9	3.4
Iron	7439-89-6	mg/kg	55000		6400	NS	4770	NS	7520	NS	7700	6500	NS	9800	NS	NS	6800	13100	25000	8900	7100	7600	9200	5400	12100	6900	6100	4610	11200	6200	13700	11700	6900	6200	7000	4600	10500	5140	13100	8510	23500	3100	4770	13600	9400	8510	23500	3100	4770	13600	9400
Lead	7439-92-1	mg/kg	400		3.6	NS	3.1	NS	4.6	NS	6.8	3.4	NS	5.4	5.4	NS	4.4	4.1	6.1	4.4	5.1	4.1	4.1	5.1	5.1	5.1	4.1	4.1	5.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	5.1	4.1	4.1	5.1	4.1	4.1	5.1	4.1	5.1	4.1	4.1	5.1	4.1
Magnesium	7439-95-4	mg/kg	NP		291	NS	218	NS	418	NS	510	265	NS	349	NS	NS	187	313	543	323	345	255	312	347	358	235	174	1310	165	127	163	167	162	149	201	170	161	171	161	114	125	118	119	161	114	125	118	119	161
Manganese	7439-96-5	mg/kg	1800		137	NS	145	NS	47.1	NS	48.7	203	NS	43.7	NS	NS	51.2	21.8	570	19	19.1	45.2	50.2	19	110.7	151	57.4	81.7	420	160	57.22	21	151	43	192	120	125	160	43	243	115	178	147	80.5	43.4	243	115	178	147	80.5	43.4
Mercury	7439-97-6	mg/kg	1000		0.17	NS	0.13	NS	0.2	NS	0.2	0.1	NS	0.2	0.1	NS	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Molybdenum	7439-98-7	mg/kg	NP		2.5	NS	1.9	NS	3.1	NS	5.1	2.1	NS	3.1	3.1	NS	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Nickel	7440-02-0	mg/kg	1600		2.1	NS	1.8	NS	2.6	NS	4.8	1.9	NS	3.3	3.2	NS	2.4	2.1	3.4	2.1	2.9	2.1	2.1	2.9	2.9	2.9	2.1	2.1	3.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Potassium	7440-09-7	mg/kg	NP		257	NS	255	NS	385	NS	570	256	NS	169	NS	NS	203	187	431	193	311	331	152	380	368	368	281	243	295	299	311	163	368	208	199	269	412	413	314	286	556	316	376	412	391	286	556	316	376	412	391
Selenium	7440-49-2	mg/kg	NP		0.2	NS	0.13	NS	0.2	NS	0.3	0.3	NS	0.2	NS	NS	0.3	0.3	0.4	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Silver	7440-22-4	mg/kg	390		0.8	NS	0.6	NS	1.0	NS	1.0	0.6	NS	1.0	1.0	NS	0.6	0.5	0.8	0.6	0.8	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Thallium	7440-28-0	mg/kg	6.3		0.7	NS	0.6	NS	0.9	NS	1.2	0.7	NS	1.1	1.1	NS	0.7	0.6	0.9	0.7	0.9	0.7	0.7	0.9	0.9	0.9	0.7	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Vanadium	7440-62-2	mg/kg	390		0.8	NS	7.8	NS	13.8	NS	12.3	6.4	NS	7	NS	NS	6.9	13.5	8	16.5	10	11.1	10.4	7.3	7.3	7.3	5.4	7.4	11.5	11.8	13.7	6.3	8	4.7	7.6	13.5	6.6	17.4	11.4	15.3	4.5	7.4	17.3	14.9	15.3	4.5	7.4	17.3	14.9
Zinc	7440-66-6	mg/kg	23000		11.6	NS	7.9	NS	7.8	NS	8	15.7	NS	8.4	NS	NS	8.7	49.7	8	15.9	8.1	10	7.9	15.3	11.9	11.7	21.9	5	56.4	31.4	27.9	19.4	35.3	20.4	15	45.3	35	85.2	7.9	4.1	13.9	19.2	7.9	6.7	4.1	13.9	19.2	7.9	6.7	4.1
Polychlorinated Biphenyls (Aroclor Detected)																																																	
Pesticides																																																	
4,4'-DDD	72-54-8	mg/kg	2		0.00141 U	NS	0.00133 U	NS	0.00154 U	NS	0.00171 U	0.00156 U	NS	0.00153 U	NS	NS	0.00154 U	0.00138 U	0.00137 U	0.00143 U	0.00152 U	0.00151 U	0.00151 U	0.00155 U	0.00151 U	0.00152 U	0.00151 U	0.00154 U	0.00153 U	0.00151 U	0.00154 U	0.00153 U	0.00151 U	0.00155 U	0.00154 U	0.00153 U	0.00151 U	0.00152 U	0.00151 U	0.00152 U	0.00151 U	0.00152 U	0.00151 U	0.00152 U	0.00151 U	0.00152 U	0.00151 U	0.00152 U	**0.00153 U**
Benzo(b)fluoranthene	205-99-2	mg/kg	7800	—	0.19 U	NS	0.19 U	NS	0.19 U	NS	0.2 U	0.21 U	NS	0.2 U	NS	NS	0.21 U	0.2 U	0.2 U	0.19 U	0.19 U	0.2 U	0.2 U	0.21 U	0.21 U	0.19 U	0.2 U	0.79 U	0.19 U	0.2 U	0.21 U	0.19 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.21 U	0.19 U	0.2 U	0.21 U	0.19 U	0.2 U	0.2 U
Dieldrin	60-57-1	mg/kg	NP		0.17 U	NS	0.16 U	NS	0.19 U	NS	0.2 U	0.21 U	NS	0.2 U	NS	NS	0.21 U	0.2 U	0.2 U	0.17 U	0.18 U	0.19 U	0.2 U	0.21 U	0.21 U	0.19 U	0.2 U	0.9 U	0.2 U	0.21 U	0.21 U	0.19 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.21 U	0.19 U	0.2 U	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Endosulfan I	959-98-8	mg/kg	NP		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
Endosulfan II	33213-65-9	mg/kg	NP		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00171 U**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
Endosulfan sulfate	1031-07-8	mg/kg	NP		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00175 J**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
Endrin	72-20-8	mg/kg	19		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00141 U**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	**0.00142 U**
Endrin aldehyde	7421-93-4	mg/kg	NP		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00141 U**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
Endrin ketone	53494-70-5	mg/kg	NP		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00141 U**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
gamma-Chlordane	5103-74-2	mg/kg	NP		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00141 U**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
Methoxychlor	72-43-5	mg/kg	630		0.00132 U	NS	0.00123 U	NS	0.00143 U	NS	0.00112 U	0.00146 U	NS	0.00132 U	NS	NS	0.00143 U	0.00128 U	0.00127 U	0.00133 U	0.00142 U	0.00141 U	0.00141 U	0.00144 U	0.00141 U	0.00142 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00144 U	0.00143 U	0.00141 U	0.00145 U	0.00144 U	0.00143 U	0.00141 U	0.00142 U	**0.00141 U**	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U	0.00141 U	0.00142 U
Semi-volatile Organic Compounds																																																	
Benzo(a)anthracene	56-55-3	mg/kg	0.16	—	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**0.21 J**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	35	—	**0.0511 J**	NS	0.37 U	NS	0.29 U	NS	0.2 U	**0.03 U**	NS	0.2 U	NS	NS	0.21 U	**0.14 U**	0.2 U	**0.06 U**	0.18 U	0.19 U	0.2 U	**0.05 U**	0.21 U	**0.04 U**	0.2 U	0.9 U	**0.07 U**	0.19 U	**0.03 U**	0.19 U	0.2 U	0.21 U	**0.04 U**	0.2 U	0.9 U	0.2 U	**0.08 U**	0.19 U	**0.03 U**	0.19 U	**0.03 U**	0.2 U	0.21 U	0.19 U	0.2 U	0.2 U
Chrysene	218-01-9	mg/kg	35		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.16	—	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.8 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	206-44-0	mg/kg	NP		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.6 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	129-00-0	mg/kg	1800		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.8 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Volatile Organic Compounds																																																	
1,2,4-Trimethylbenzene	95-63-6	mg/kg	210	—	**0.0012 U**	NS	0.0017 U	NS	0.0018 U	NS	**0.001 U**	0.001 U	NS	0.0017 U	NS	NS	0.0015 U	**0.0006 U**	0.01 U	0.0006 U	0.0007 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.5	0.0017 U	0.0006 U	0.0017 U	0.0006 U	0.0006 U	0.0006 U	1.1	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
Ethylbenzene	100-41-4	mg/kg	3600		0.0079 U	NS	0.0073 U	NS	0.0058 U	NS	0.0036 U	0.0052 U	NS	0.0077 U	NS	NS	0.0051 U	0.0039 U	0.01 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U
Isopropylbenzene	108-18-9	mg/kg	NP		**0.0012 U**	NS	**0.0013 U**	NS	0.0018 U	NS	0.0018 U	**0.0012 U**	NS	**0.0016 U**	NS	NS	**0.0016 U**	0.0018 U	**0.0014 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	0.12	**0.0014 U**	**0.0012 U**	0.0014 U	**0.0012 U**	**0.0012 U**	**0.0013 U**	0.12	**0.0012 U**	**0.0012 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**	**0.0013 U**	**0.0012 U**
Methylene chloride	75-09-2	mg/kg	760		0.0012 U	NS	0.0012 U	NS	0.0012 U	NS	0.0012 U	0.0012 U	NS	0.0012 U	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Naphthalene	91-20-3	mg/kg	3600		0.0079 U	NS	0.0073 U	NS	0.0058 U	NS	0.0036 U	0.0052 U	NS	0.0077 U	NS	NS	0.0051 U	0.0039 U	0.01 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U
Toluene	108-88-3	mg/kg	5200		0.0012 U	NS	0.0012 U	NS	0.0012 U	NS	0.0012 U	0.0012 U	NS	0.0012 U	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Xylenes, 1,2,3-+1,2-+1,3-+1,4-		mg/kg	0.16		0.0061 U	NS	0.11	NS	0.0053 U	NS	0.0036 U	0.00	NS	0.01 U	NS	NS	0.0053	0.0039 U	**0.01 J**	0.0075 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U
Xylenes, Total	1330-20-7	mg/kg	210		0.0079 U	NS	0.0073 U	NS	0.0058 U	NS	0.0036 U	0.0052 U	NS	0.0077 U	NS	NS	0.0051 U	0.0039 U	0.01 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0076 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U	0.0075 U	0.0076 U
Volatile Organic Compounds																																																	
Benzene	71-43-2	mg/kg	1200		0.0047 U	0.0017 U	NS	0.001 U	NS	0.011 U	NS	0.0047 U	0.0047 U	NS	0.0055 U	NS	**0.0052 U**	**0.0043 B**	0.01 U	**0.0046 U**	0.012	0.01	0.0053 U	**0.0055 B**	0.0056 U	0.01	0.0053 U	0.0056 U	0.0055 U	0.0053 U	0.0056 U	0.0056 U	0.0053 U	0.0056 U	0.0056 U	0.0056 U	0.0053 U	0.0056 U	**0.0077 B, E**	0.01	**0.0046 U**	0.0056	**0.0037 B, E**	**0.0055 U**	0.01	0.0053 U
Carbon disulfide	75-15-0	mg/kg	8000		0.0053 U	0.0061 U	NS	0.0053 U	NS	0.0059 U	NS

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil	Property 008 Sample ID Depth Date	Grid 1 0-2in bgs 6/1/2015	Grid 1 2-6in bgs 6/1/2015	Grid 1 6-12in bgs 6/1/2015	Grid 1 12-24in bgs 6/1/2015	Grid 2 0-2in bgs 6/1/2015	Grid 2-Duplicate 0-2in bgs 6/1/2015	Grid 2 2-6in bgs 6/1/2015	Grid 2 6-12in bgs 6/1/2015	Grid 2 12-24in bgs 6/1/2015	Grid 3 0-2in bgs 6/1/2015	Grid 3 2-6in bgs 6/1/2015	Grid 3 6-12in bgs 6/1/2015	Grid 3 12-24in bgs 6/1/2015	Grid 4 0-2in bgs 6/1/2015	Grid 4 2-6in bgs 6/1/2015	Grid 4 6-12in bgs 6/1/2015	Grid 4 12-24in bgs 6/1/2015	Grid 4-Duplicate 12-24in bgs 6/1/2015
Metals																						
Aluminum	7429-90-5	mg/kg	77000	--	5070	6760	16200	12900	3820	2690	10500	8420	12000	1830	3110	5490	4170	4370	4150	4100	12200	9010
Arsenic	7440-38-2	mg/kg	0.68	--	3.5 J	2.4 J	2.3 J	2.2 J	5.9 J	5.2 J	1.8 J	2.3 J	2 J	1.6 J	2.8 J	1.5 J	1	5.8 J	1.4 J	2.2 J	1.9 J	1.8 J
Barium	7440-39-3	mg/kg	15000	--	41.5	48.2	73.2	64.7	53.2	54.6	46.8	55.7	103	25.5	36.3	56.6	42.7	49.1	34.8	41.9	61.2	71
Beryllium	7440-41-7	mg/kg	160	--	0.67 U	0.42 U	0.74	0.69	0.61 U	0.48 U	0.53 U	0.55	0.66	0.46 U	0.41 U	0.39 U	0.44 U	0.5 U	0.43 U	0.51 U	0.55 U	0.81
Cadmium	7440-43-9	mg/kg	71	--	80.2 J	0.42 UJ	0.5 UJ	0.48 UJ	1.8 J	1.7 J	0.56 J	0.4 UJ	0.4 UJ	1.5 J	0.41 UJ	0.39 UJ	0.44 U	2.2 J	0.43 UJ	0.51 UJ	0.55 UJ	0.48 UJ
Calcium	7440-70-2	mg/kg	NP	--	15300 J	2620 J	1200 J	1050 J	21000 J	20800 J	8020 J	942 J	657 J	117000 J	3700 J	1170 J	792	27000 J	10200 J	8670 J	2250 J	2770 J
Chromium	7440-47-3	mg/kg	NP	--	18.2 J	12.7 J	20.3 J	17.5 J	11.1 J	10.7 J	15 J	18.9 J	19.9 J	5.4 J	8.1 J	9.6 J	9.2	13.6 J	8.9 J	9.2 J	12.3 J	19.5 J
Cobalt	7440-48-4	mg/kg	23	--	2.5	3.1	3.5	3.4	3.1	2.9	2.8	3	5.1	1.6	2.3	2.4	2.4	2.9	2.3	2.4	5.4	6.6
Copper	7440-50-8	mg/kg	3100	--	20.4 J	8.2 J	7.6 J	7.2 J	23.8 J	21.3 J	9 J	7.8 J	7.1 J	10.7 J	8.8 J	5.4 J	4.6	23.1 J	5.5 J	10 J	9.6 J	10.6 J
Iron	7439-89-6	mg/kg	55000	--	9940	8520	14600	13200	11000	8640	15800	12500	11800	7790	5910	7210	5360	11700	6120	6420	12600	13000
Lead	7439-92-1	mg/kg	400	--	235	123	7.1	5.5	274	248	80.4	10	5.6	138	66.1	72.9	19	235	36.9	21.2	31.5	14.1
Magnesium	7439-95-4	mg/kg	NP	--	6970 J	1350 J	1360 J	1110 J	9050 J	9460 J	1940 J	873 J	948 J	5770 J	1420 J	694 J	451 U	6710 J	2220 J	1030 J	903 J	1100 J
Manganese	7439-96-5	mg/kg	1800	--	444 J	170 J	110 J	69.9 J	600 J	563 J	140 J	65.6 J	66.3 J	504 J	231 J	160 J	141	503 J	171 J	979 J	134 J	215 J
Mercury	7439-97-6	mg/kg	9.4	--	0.28	0.32	0.018 U	0.11 U	0.12	0.18	0.43	0.033 U	0.098 U	0.08 U	0.17	0.12	0.082 U	0.18	0.021 U	0.071 U	0.047 U	0.13
Nickel	7440-02-0	mg/kg	1500	--	6.7	7.3	10.8	9.5	9.1	8.6	11.7	9.4	11.7	12	4.6	5.2	5.2	10.5	6.4	7.5	10.3	12.2
Potassium	7440-09-7	mg/kg	NP	--	743	837	1760	1320	753	546	1230	833	1200	522 U	510 U	609	483	880	823	776	1060	913
Selenium	7782-49-2	mg/kg	390	--	1.6 U	2.1 UJ	2.5 UJ	2.4 UJ	3.1 UJ	2.4 UJ	2.7 UJ	2 UJ	2 UJ	2.3 UJ	2 UJ	2 UJ	2.2 U	2.5 UJ	2.1 UJ	2.5 UJ	2.8 UJ	2.4 UJ
Vanadium	7440-62-2	mg/kg	390	--	12.3	20.1	33.4	28.1	12.3	11.9	26.8	29.1	29.4	14.1	11.7	15.9	13.4	12.4	13.3	16.5	18.4	27.8
Zinc	7440-66-6	mg/kg	23000	--	13800 J	91.2 J	19.2 J	18.8 J	288 J	274 J	153 J	90.6 J	16.6 J	231 J	66.2 J	30 J	18.6	407 J	36.9 J	19.3 J	25.6 J	21.3 J
Polychlorinated Biphenyls (None Detected)																						
Pesticides																						
4,4'-DDD	72-54-8	mg/kg	2.3	--	0.016 UJ	0.0042 U	0.00088 U	0.00037 U	0.011 U	0.021 U	0.063 U	0.0043 U	0.018 U	0.11 U	0.051 U	0.038 U	0.0007 U	0.047 U	0.069 U	0.019 U	0.015 U	0.0092 U
4,4'-DDE	72-55-9	mg/kg	2	--	0.0069 U	0.0047 U	0.0039 U	0.00033 U	0.01 U	0.012 U	0.017 U	0.0017 U	0.00025 U	0.0042 U	0.0017 U	0.00028 U	0.00024 U	0.012 U	0.18 U	0.0016 U	0.19 U	0.0019 U
4,4'-DDT	50-29-3	mg/kg	1.9	--	0.018 UJ	0.0079 U	0.00046 U	0.00036 U	0.024 U	0.029 U	0.021 U	0.0025 U	0.018 U	0.04 U	0.03 U	0.0039 U	0.00034 U	0.022 U	0.022 U	0.018 U	0.016 U	0.0086 U
Acetophenone	98-86-2	mg/kg	7800	--	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.081 U	2.3 U	2 U	1.9 U	0.2 UJ	2 U	1.9 U	3.8 U	1.9 U	1.9 U
Aldrin	309-00-2	mg/kg	0.039	--	0.021 U	0.021 U	0.002 U	0.0019 U	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U	0.12 U	0.1 U	0.019 U	0.000039 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U
alpha-BHC	319-84-6	mg/kg	0.086	--	0.021 U	0.00058 U	0.002 U	0.00036 U	0.0016 U	0.0011 U	0.00083 U	0.0017 U	0.00061 U	0.002 U	0.1 U	0.019 U	0.002 U	0.001 U	0.0016 U	0.0035 U	0.096 U	0.00077 U
beta-BHC	319-85-7	mg/kg	0.3	--	0.021 U	0.0013 U	0.002 U	0.00037 U	0.0017 U	0.0026 U	0.0012 U	0.0022 U	0.0004 U	0.12 U	0.1 U	0.019 U	0.002 U	0.1 U	0.095 U	0.096 U	0.096 U	0.00093 U
Carbazole	86-74-8	mg/kg	NP	--	2.1 U	2 U	0.2 U	0.77 U	2.1 U	2.1 U	2 U	1.9 U	0.76 U	2.3 U	2 U	1.9 U	0.2 UJ	2 U	1.9 U	3.8 U	0.46 U	1.9 U
delta-BHC	319-86-8	mg/kg	NP	--	0.021 U	0.0012 U	0.00015 U	0.00051 U	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U	0.12 U	0.0024 U	0.0008 U	0.002 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U
Dieldrin	60-57-1	mg/kg	0.034	--	0.0011 U	0.0016 U	0.00017 U	0.00028 U	0.0028 U	0.0031 U	0.19 U	0.0025 U	0.018 U	0.23 U	0.0075 U	0.0063 U	0.000068 U	0.001 U	0.0049 U	0.19 U	0.19 U	0.096 U
Endosulfan I	959-98-8	mg/kg	NP	--	0.021 U	0.021 U	0.002 U	0.0019 U	0.021 U	0.021 U	0.098 U	0.019 U	0.0095 U	0.12 U	0.1 U	0.019 U	0.00019 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U
Endosulfan II	33213-65-9	mg/kg	NP	--	0.0043 U	0.00085 U	0.0039 U	0.00075 U	0.0019 U	0.0038 U	0.018 U	0.0024 U	0.00069 U	0.018 U	0.0034 U	0.038 U	0.00033 U	0.0054 U	0.015 U	0.0063 U	0.0077 U	0.0058 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	--	0.042 U	0.04 U	0.0039 U	0.00045 U	0.04 U	0.041 U	0.003 U	0.036 U	0.00041 U	0.015 U	0.19 U	0.038 U	0.00049 U	0.015 U	0.017 U	0.0086 U	0.19 U	0.0022 U
Endrin	72-20-8	mg/kg	19	--	0.0052 U	0.00071 U	0.0005 U	0.00015 U	0.00039 U	0.0036 U	0.016 U	0.0015 U	0.018 U	0.029 U	0.024 U	0.038 U	0.00021 U	0.0083 U	0.027 U	0.013 U	0.0099 U	0.0019 U
Endrin ketone	53494-70-5	mg/kg	NP	--	0.014 U	0.014 U	0.00049 U	0.0038 U	0.022 U	0.018 U	0.045 U	0.0057 U	0.018 U	0.069 U	0.0099 U	0.0013 U	0.0038 U	0.046 U	0.033 U	0.046 U	0.035 U	0.017 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	--	0.021 U	0.00032 U	0.002 U	0.00074 U	0.00021 U	0.021 U	0.098 U	0.00028 U	0.0095 U	0.12 U	0.1 U	0.019 U	0.00032 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U
Gamma-Chlordane	5103-74-2	mg/kg	NP	--	0.014 U	0.0072 U	0.00014 U	0.00046 U	0.014 U	0.019 U	0.098 U	0.0049 U	0.00037 U	0.0064 U	0.022 U	0.0017 U	0.00049 U	0.05 U	0.025 U	0.0044 U	0.0017 U	0.0034 U
Heptachlor	76-44-8	mg/kg	0.13	--	0.021 U	0.021 U	0.002 U	0.0001 U	0.021 U	0.0031 U	0.098 U	0.019 U	0.0095 U	0.12 U	0.1 U	0.019 U	0.00003 U	0.1 U	0.095 U	0.096 U	0.096 U	0.019 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	--	0.021 U	0.021 U	0.002 U	0.00083 U	0.0036 U	0.004 U	0.098 U	0.019 U	0.0095 U	0.0064 U	0.0011 U	0.019 U	0.002 U	0.1 U	0.0033 U	0.0012 U	0.096 U	0.0031 U
Methoxychlor	72-43-5	mg/kg	320	--	0.016 U	0.0076 U	0.02 U	0.0019 U	0.02 U	0.21 U	0.041 U	0.0093 U	0.095 U	0.083 U	0.033 U	0.19 U	0.00071 U	1 U	0.95 U	0.96 U	0.031 U	0.0077 U
Semi-volatile Organic Compounds																						
2-Methylnaphthalene	91-57-6	mg/kg	240	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.6	2.5	NA
Benzo(a)anthracene	56-55-3	mg/kg	0.16	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	NA
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	39	--	2.1 U	2 U	0.2 U	0.77 U	0.24 U	2.1 U	2 U	1.9 U	0.76 U	2.3 U	0.2 U	1.9 U	0.2 UJ	2 U	0.17 U	3.8 U	1.9 U	1.9 U
Chrysene	218-01-9	mg/kg	16	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2	3.9	NA
Phenanthrene	85-01-8	mg/kg	NP	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	6.6	2.2
Pyrene	129-00-0	mg/kg	1800	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.3	5.7	2
Semi-volatile Organic Compounds (SIM)																						
2-Methylnaphthalene	91-57-6	mg/kg	240	--	0.11 U	0.085	0.0059 U	0.027 U	0.13 U	0.13 U	0.94	1.3 J	0.24	0.79	0.43	0.048	0.0069 J	0.33	0.33	NA	NA	1.2
Acenaphthene	83-32-9	mg/kg	3600	--	0.17 U	0.079 U	0.0078 U	0.038 U	0.16 U	0.2 U	0.19 U	0.072 U	0.037 U	0.18 U	0.12 U	0.038 U	0.0038 UJ	0.2 U	0.11 U	0.37 U	0.17 U	0.052 U
Acenaphthylene	208-96-8	mg/kg	NP	--	0.17 U	0.02 U	0.0078 U	0.038 U	0.23	0.27	0.19 U	0.072 U	0.037 U	0.042 U	0.13	0.008 U	0.0038 UJ	0.55	0.13	0.37 U	0.19 U	0.18 U
Anthracene	120-12-7	mg/kg	18000	--	0.094 U	0.067 U	0.0031 U	0.038 U	0.25	0.28	0.25	0.097	0.037 U	0.23	0.2	0.027 U	0.0038 UJ	0.58	0.2	1.3	0.61	0.19
Benzo(a)anthracene	56-55-3	mg/kg	0.16	--	0.8	0.42	0.019	0.033 U	0.88	1.1	0.87	0.15	0.023 U	0.68	0.64	0.15	0.0038 UJ	1.6	0.59	3.6	NA	1.1
Benzo(a)pyrene	50-32-8	mg/kg	0.016	--	0.46	0.25	0.0088	0.025 U	0.81	0.98	0.73	0.13	0.016 U	0.61	0.55	0.1	0.0038 UJ	1.5	0.5	1.9	1.7	0.7
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	--	0.46	0.26	0.0074 U	0.023 U	1.5	1.8	0.44	0.11	0.016 U	0.48	0.79	0.089	0.0019 U	NA	0.83	1.6	1.4	0.6
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	--	0.38	0.18	0.0034 U	0.038 U	0.66	0.77	0.93	0.058 U	0.037 U	0.9	0.32	0.055	0.0025 U	1.2	0.36	1.4	1.3	0.48
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	--	0.066 U	0.041 U	0.0078 U	0.038 U	0.38	0.53	0.053 U	0.072 U	0.037 U	0.076 U	0.22	0.014 U	0.0038 UJ	0.83	0.19	0.17 U	0.11 U	0.074 U
Chrysene	218-01-9	mg/kg	16	--	1.4	0.74	0.033	0.068	1.3	1.5	1.5	0.53	0.074	1.2	0.99	0.24	0.013 J	2.1 J	0.89	NA	NA	2 J
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016	--	0.15 U	0.084	0.0032 U	0.038 U	0.2	0.24	0.22	0.044 U	0.037 U	0.19	0.14	0.033 U	0.0038 UJ	0.37	0.15	0.67	0.6	0.25
Fluoranthene	206-44-0	mg/kg	2400	--	0.27	0.17	0.0065 U	0.0077 U	0.81	1	0.32	0.12	0.015 U	0.32	0.47	0.047	0.0026 U	1.5	0.42	1.8	1.1	0.4
Fluorene	86-73-7	mg/kg	2400	--	0.17 U	0.079 U	0.0078 U	0.038 U	0.16 U	0.2 U	0.04 U	0.13	0.024 U	0.18 U	0.12 U	0.038 U	0.0022 U	0.2 U	0.025 U	1.3	0.48	0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	--	0.26	0.16	0.0051 U	0.016 U	0.77	0.94	0.43	0.072 U	0.01 U	0.42	0.43	0.059	0.0013 U	1.5	0.46	1	0.91	0.39
Naphthalene	91-20-3	mg/kg	3.8	--	0.035 U	0.028 U	0.0024 U	0.013 U	0.052 U	0.051 U	0.25	0.36	0.11 U	0.22	0.19	0.019 U	0.0042 J	0.11 U	0.13	1.6	0.84	0.68
Phenanthrene	85-01-8	mg/kg	NP	--	1.2	0.68	0.047	0.018 U	0.81	0.72	1.8	0.52	0.093	1.5	0.94	0.2	0.011 J	0.98	0.7	NA	NA	NA
Pyrene	129-00-0	mg/kg	1800	--	1.1	0.6	0.032	0.14	1.2	1.4	1.7	0.56	0.089	1.3	1	0.19	0.0061 J	2.2 J	0.85	NA	NA	NA
Volatile Organic Compounds																						
2-Butanone	78-93-3	mg/kg	27000	--	0.013 U	0.01 U	0.01 U	0.0095 U	0.011 U	0.012 U	0.016 U	1.1 U	2.7 U	0.016 U	0.012 U	0.013	0.028 J	0.014 U	0.0089 U	0.0047 UJ	0.67 U	0.01 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5300	--	0.013 U	0.01 U	0.01 U	0.0095 U	0.011 U	0.012 U	0.016 U	1.1 U	2.7 U	0.016 U	0.012 U	0.0039 UJ	0.016 U	0.014 U	0.0089 U	0.01 U	0.67 U	0.01 U
Acetone	67-64-1	mg/kg	61000	--	0.0032 U	0.0013 U	0.0023 U	0.0063 U	0.0013 U	0.012 U	0.016 U	1.1 U	2.7 U	0.0022 U	0.012 U	0.009 UJ	0.038 J	0.0016 U	0.0089 U	0.0069 UJ	0.67 U	0.01 U
Benzene	71-43-2	mg/kg	1.2	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0044 U	1	1.9	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.058 U	0.022 J
Chloroform	67-66-3	mg/kg	0.32	--	0.00056 U	0.00046 U	0.0051 U	0.00039 U	0.0053 U	0.0058 U	0.0023 U	0.55 U	1.3 U	0.0078 U	0.0005 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U
Cyclohexane	110-82-7	mg/kg	6500	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0018 U	3.7	13	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.12 U	1.4 J^
Ethylbenzene	100-41-4	mg/kg	5.8	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.42 U	2.9	0.0078 U	0.0061 U	0.0057 U	0.00036 U	0.0071 U	0.0045 U	0.005 U	0.034 U	0.052 J^
Isopropylbenzene	98-82-8	mg/kg	1900	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.2 U	1.7	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.0045 U	0.005 U	0.11 U	0.48 J^
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	1.4	2.4	0.0078 U	0.0061 U	0.0057 U	0.00091 U	0.0071 U	0.0045 U	0.005 U	0.045 U	0.034 J^
Methylcyclohexane	108-87-2	mg/kg	NP	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0011 U	8.1	26	0.0078 U	0.0061 U	0.0057 U	0.008 U	0.0071 U	0.00061 U	0.005 U	0.52	2.4 J^
Styrene	95-47-6	mg/kg	650	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.00039 U	0.18 U	0.54 U	0.00024 U	0.0061 U	0.0003 U	0.008 U	0.0071 U	0.00024 U	0.005 U	0.34 U	0.0095 J^
Toluene	108-88-3	mg/kg	4900	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.64	0.43 U	0.01 J^	0.0061 U	0.017	0.089 J	0.0071 U	0.0047	0.005 U	0.039 U	0.029 J^
Trichlorofluoromethane	75-69-4	mg/kg	730	--	0.0067 U	0.005 U	0.0051 U	0.0048 U	0.0053 U	0.0058 U	0.0082 U	0.55 U	1.3 U	0.00033 U	0.0061 U	0.0057 U	0.008 UR	0.0071 U	0.0045 U	0.005 U	0.34 U	0.0051 U

Residential Soil Screening Level- June 2015 EPA Residential Soil RSL
Yellow highlighted cells exceed RSL
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
mg/kg-milligrams per kilogram
BOLD-indicates a detected concentration
bgs-below ground surface

NA - Not Assigned
NP - Not Published
J - Estimated Value
R - Unusable
SIM-selected ion monitoring
in-inches

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level	Property 011 Sample ID Depth Date	Grid 1 0-2in bgs 6/1/2015	Grid 1 2-6in bgs 6/2/2015	Grid 1 6-12in bgs 6/2/2015	Grid 1 12-24in bgs 6/2/2015	Grid 2 0-2in bgs 6/1/2015	Grid 2 2-6in bgs 6/2/2015	Grid 2 6-12in bgs 6/2/2015	Grid 2 12-24in bgs 6/2/2015	Grid 2- Duplicate 12-24in bgs 6/2/2015	Grid 3 0-2in bgs 6/1/2015	Grid 3 2-6in bgs 6/2/2015	Grid 3 6-12in bgs 6/2/2015	Grid 3 12-24in bgs 6/2/2015	Grid 4 0-2in bgs 6/1/2015	Grid 4 2-6in bgs 6/2/2015	Grid 4 6-12in bgs 6/2/2015	Grid 4 12-24in bgs 6/2/2015
Metals																					
Aluminum	7429-90-5	mg/kg	77000	--	7560	5470 J	7500 J	6930 J	3690	3310 J	3090 J	3330 J	4870 J	7300	10300 J	8400 J	9990 J	4270	6110 J	12700 J	5260 J
Arsenic	7440-38-2	mg/kg	0.68	--	2.6 J	1.2	2.9	2.1	2 J	6.5	1	0.99	1.7	1.4 J	1.9	2.1	3.7	1.4	1.5	1.6	1.5
Barium	7440-39-3	mg/kg	15000	--	73.4	48.1 J	109 J	78.6 J	49.8	45.6 J	45 J	29.7 J	41.1 J	68.4	62.5 J	96.1 J	180 J	51.9	69.3 J	88.4 J	53.7 J
Beryllium	7440-41-7	mg/kg	160	--	0.54	0.46 U	0.76	0.7	0.6 U	0.57	0.47 U	0.39 U	0.44 U	0.54 U	0.57	0.85	1.2	0.43 U	0.5 U	0.62	0.54 U
Calcium	7440-70-2	mg/kg	NP	--	3160 J	2860	6470	1520	3170 J	2050	1540	515 U	587	20100 J	2580	2970	2660	4150	5130	2700	1540
Chromium	7440-47-3	mg/kg	NP	--	14.8 J	9	24	18.2	10.2 J	25.9	10	8.3	10.6	11.3 J	14.9	23.4	29.7	10	17.7	14.8	11.7
Cobalt	7440-48-4	mg/kg	23	--	4.6	2	5.2	5.2	3	4.5	2.7	1.6	2.2	3.5	4.2	5.2	8.5	2.7	3.3	6.3	3.4
Copper	7440-50-8	mg/kg	3100	--	8.6 J	4.9	9.9	6.6	5.8 J	8.3	5.9	4.7	5.5	6.4 J	6.7	11.2	9.3	7	8	8.6	5.3
Iron	7439-89-6	mg/kg	55000	--	14300	9500 J	12200 J	10300 J	6240	6820 J	6780 J	5210 J	8490 J	9820	16100 J	13500 J	17900 J	7150	9340 J	18100 J	10000 J
Lead	7439-92-1	mg/kg	400	--	24	6.4	9.5	7.9	23.7	17.3	5.7	2.6	4.6	21.8	15.4	15.1	6.4	28.6	15	16.2	8
Magnesium	7439-95-4	mg/kg	NP	--	1020 J	835	951	939	1170 J	619	392 U	300 U	486 U	1720 J	1490	1220	1470	1030	965	1350	657
Manganese	7439-96-5	mg/kg	1800	--	241 J	227	134	79.7	244 J	157	161	23.1	57.5	133 J	102	219	323	158	169	179	105
Mercury	7439-97-6	mg/kg	9.4	--	0.01 U	0.0023 U	0.0037 U	0.11 U	0.012 U	0.0031 U	0.11 U	0.098 U	0.1 U	0.0081 U	0.1 U	0.11 U	0.11 U	0.027 U	0.0046 U	0.11 U	0.1 U
Nickel	7440-02-0	mg/kg	1500	--	8.8	4.9	14.7	10.9	5.9	7.7	5.8	4.2	6.6	7	8.7	13.6	17.2	5.8	9.3	8.9	7.4
Potassium	7440-09-7	mg/kg	NP	--	1130	760	739	642	691	571	464	515 U	618	1210	1100	743	729	704	823	1220	563
Selenium	7782-49-2	mg/kg	390	--	2.3 UJ	0.3 UJ	2.8 U	2 U	3 UJ	2.4 U	2.3 U	1.9 U	2.2 U	2.7 UJ	0.31 UJ	2.1 U	2.3 U	0.44 UJ	0.38 UJ	0.4 UJ	2.7 U
Vanadium	7440-62-2	mg/kg	390	--	23.1	14.6	36.6	23.7	14.3	20.1	15.3	12	17.7	16.5	22.5	31.7	41.3	11.8	27.2	22.6	17.7
Zinc	7440-66-6	mg/kg	23000	--	61.6 J	19 J	21.9 J	15.4 J	22.8 J	20.5 J	11.5 J	10.7 J	13.9 J	33.9 J	22.5 J	24.1 J	24.8 J	21.8	19.6 J	18.8 J	12.9 J
Polychlorinated Biphenyls (None Detected)																					
Pesticides																					
4,4'-DDD	72-54-8	mg/kg	2.3	--	0.0042 U	0.002 UJ	0.00047 UJ	0.00024 UJ	0.0045 UJ	0.001 UJ	0.00043 UJ	0.0017 UJ	0.0019 UJ	0.00063 UJ	0.0002 UJ	0.0038 U	0.00024 UJ	0.00095 UJ	0.0039 U	0.00027 UJ	0.00079 UJ
4,4'-DDE	72-55-9	mg/kg	2	--	0.00063 UJ	0.00051 UJ	0.00051 UJ	0.00019 UJ	0.00025 UJ	0.00059 UJ	0.0037 U	0.01 UJ	0.00039 UJ	0.00012 UJ	0.004 U	0.000055 UJ	0.00007 UJ	0.00065 UJ	0.000086 UJ	0.00004 UJ	0.00025 UJ
4,4'-DDT	50-29-3	mg/kg	1.9	--	0.00052 UJ	0.00085 UJ	0.00041 UJ	0.00033 UJ	0.0016 UJ	0.00072 UJ	0.0002 UJ	0.0086 UJ	0.00074 UJ	0.00018 UJ	0.00021 UJ	0.00051 UJ	0.0038 U	0.00095 UJ	0.00027 UJ	0.00023 UJ	0.00016 UJ
Aldrin	309-00-2	mg/kg	0.039	--	0.0022 U	0.00017 UJ	0.00029 UJ	0.0021 U	0.01 U	0.00036 UJ	0.00029 UJ	0.0098 U	0.00011 UJ	0.0023 U	0.00029 UJ	0.002 U	0.002 U	0.00079 UJ	0.002 U	0.002 U	0.0019 U
alpha-BHC	319-84-6	mg/kg	0.086	--	0.0022 U	0.0022 U	0.002 U	0.0021 U	0.00043 UJ	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00012 UJ	0.002 U	0.002 U	0.002 U	0.0021 U	0.002 U	0.002 U	0.0019 U
alpha-Chlordane	5103-71-9	mg/kg	NP	--	0.0022 U	0.00055 UJ	0.002 U	0.0021 U	0.01 U	0.00032 UJ	0.0019 U	0.0098 U	0.002 U	0.0023 U	0.00041 UJ	0.002 U	0.002 U	0.0021 U	0.002 U	0.002 U	0.0019 U
beta- BHC	319-85-7	mg/kg	0.3	--	0.00002 UJ	0.00049 UJ	0.00023 UJ	0.00013 UJ	0.00014 UJ	0.00026 UJ	0.00026 UJ	0.0098 U	0.00031 UJ	0.00036 UJ	0.002 U	0.002 U	0.0001 UJ	0.0021 U	0.000096 UJ	0.002 U	0.00032 UJ
delta-BHC	319-86-8	mg/kg	NP	--	0.00022 UJ	0.0022 U	0.002 U	0.0021 U	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00014 UJ	0.002 U	0.002 U	0.002 U	0.0021 U	0.002 U	0.002 U	0.0019 U
Dieldrin	60-57-1	mg/kg	0.034	--	0.0015 UJ	0.0043 U	0.0039 U	0.0041 U	0.0011 UJ	0.0041 U	0.0037 U	0.019 U	0.0038 U	0.00048 UJ	0.004 U	0.0038 U	0.0038 U	0.00054 UJ	0.0039 U	0.0038 U	0.0037 U
Endosulfan I	959-98-8	mg/kg	NP	--	0.0022 U	0.0022 U	0.002 U	0.0021 U	0.01 U	0.0021 U	0.0019 U	0.0034 UJ	0.00031 UJ	0.0023 U	0.002 U	0.002 U	0.002 U	0.0005 UJ	0.002 U	0.002 U	0.0019 U
Endosulfan II	33213-65-9	mg/kg	NP	--	0.00076 UJ	0.0043 U	0.00016 UJ	0.000065 UJ	0.002 UJ	0.000092 UJ	0.000064 UJ	0.019 U	0.0038 U	0.00011 UJ	0.000045 UJ	0.00019 UJ	0.00017 UJ	0.00027 UJ	0.00066 UJ	0.00026 UJ	0.000042 UJ
Endosulfan sulfate	1031-07-8	mg/kg	NP	--	0.0042 U	0.0043 U	0.0039 U	0.0041 U	0.00047 UJ	0.00023 UJ	0.000049 UJ	0.008 UJ	0.00084 UJ	0.00076 UJ	0.000062 UJ	0.000085 UJ	0.0038 U	0.0041 U	0.00021 UJ	0.0038 U	0.00057 UJ
Endrin	72-20-8	mg/kg	19	--	0.0042 U	0.000058 UJ	0.0039 U	0.0002 UJ	0.0033 UJ	0.00067 UJ	0.00054 UJ	0.0044 UJ	0.00043 UJ	0.0044 U	0.00024 UJ	0.0038 U	0.00044 UJ	0.0041 U	0.00074 UJ	0.00066 UJ	0.0037 U
Endrin aldehyde	7421-93-4	mg/kg	NP	--	0.0042 U	0.0043 U	0.0039 U	0.0041 U	0.02 U	0.0041 U	0.0037 U	0.019 U	0.0038 U	0.0044 U	0.004 U	0.0038 U	0.0038 U	0.00022 UJ	0.0039 U	0.0038 U	0.0037 U
Endrin ketone	53494-70-5	mg/kg	NP	--	0.00093 UJ	0.0012 UJ	0.0013 UJ	0.00063 UJ	0.02 U	0.00052 UJ	0.00014 UJ	0.016 UJ	0.0013 UJ	0.0044 U	0.000078 UJ	0.0038 U	0.0038 U	0.0041 U	0.00024 UJ	0.0038 U	0.0037 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	--	0.00027 UJ	0.0022 U	0.002 U	0.0021 U	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00028 UJ	0.002 U	0.002 U	0.002 U	0.00033 UJ	0.002 U	0.002 U	0.0019 U
gamma-Chlordane	5103-74-2	mg/kg	NP	--	0.00068 UJ	0.0012 UJ	0.00068 UJ	0.000069 UJ	0.0012 UJ	0.0011 UJ	0.00022 UJ	0.0028 UJ	0.00029 UJ	0.00026 UJ	0.00058 UJ	0.0002 UJ	0.002 U	0.0021 U	0.00038 UJ	0.00023 UJ	0.000058 UJ
Heptachlor	76-44-8	mg/kg	0.13	--	0.0003 UJ	0.0022 U	0.002 U	0.00015 UJ	0.01 U	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00061 UJ	0.00048 UJ	0.002 U	0.002 U	0.00018 UJ	0.002 U	0.002 U	0.0019 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	--	0.00065 UJ	0.0022 U	0.002 U	0.0021 U	0.00034 UJ	0.0021 U	0.0019 U	0.0098 U	0.002 U	0.00063 UJ	0.002 U	0.002 U	0.002 U	0.0021 U	0.002 U	0.002 U	0.0019 U
Methoxychlor	72-43-5	mg/kg	320	--	0.022 U	0.022 U	0.02 U	0.021 U	0.1 U	0.021 U	0.019 U	0.098 U	0.02 U	0.00014 UJ	0.02 U	0.02 U	0.02 U	0.021 U	0.02 U	0.02 U	0.019 U
Semi-volatile Organic Compounds																					
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	39	--	0.22 U	0.22 U	0.2 U	0.21 U	2.1 U	0.03 UJ	0.19 U	6 U	0.99 U	0.039 UJ	0.019 UJ	0.2 U	0.2 U	0.024 UJ	0.021 UJ	0.2 U	0.19 U
Pyrene	129-00-0	mg/kg	1800	--	NA	NA	NA	NA	NA	NA	NA	19	1.3	NA	NA	NA	NA	NA	NA	NA	NA
Semi-volatile Organic Compounds (SIM)																					
2-Methylnaphthalene	91-57-6	mg/kg	240	--	0.0036 UJ	0.0053 UJ	0.0078 U	0.004 U	0.04 U	0.0017 UJ	0.0075 U	0.16 UJ	0.093 UJ	0.0019 UJ	0.0011 UJ	0.0038 U	0.0039 U	0.0011 UJ	0.0033 UJ	0.0076 U	0.0037 U
Acenaphthene	83-32-9	mg/kg	3600	--	0.0084 U	0.0085 U	0.0078 U	0.004 U	0.04 U	0.0081 U	0.0075 U	0.73 UJ	0.056 UJ	0.0044 UJ	0.004 U	0.0038 U	0.0039 U	0.0041 UJ	0.0039 U	0.0076 U	0.0037 U
Acenaphthylene	208-96-8	mg/kg	NP	--	0.0034 UJ	0.003 UJ	0.0021 UJ	0.0004 U	0.04 U	0.0025 UJ	0.0075 U	0.77 U	0.23 U	0.0044 UJ	0.004 U	0.0038 U	0.0039 U	0.0025 UJ	0.0016 UJ	0.0042 UJ	0.003 UJ
Anthracene	120-12-7	mg/kg	18000	--	0.0074 UJ	0.0098	0.0054 UJ	0.0016 UJ	0.04 U	0.0063 UJ	0.0033 UJ	2.1	0.13 UJ	0.0017 UJ	0.002 UJ	0.0038 U	0.0039 U	0.0051 J	0.0038 UJ	0.0079	0.0039
Benzo(a)anthracene	56-55-3	mg/kg	0.16	--	0.026	0.02	0.017	0.0073	0.02 U	0.02	0.013	1.6	0.12 U	0.0063 J	0.0065	0.001 UJ	0.0039 U	0.012 J	0.0095	0.024	0.013
Benzo(a)pyrene	50-32-8	mg/kg	0.016	--	0.02	0.015	0.014	0.0052	0.018 UJ	0.02	0.0089	0.94	0.073 UJ	0.0046 J	0.0042	0.0038 U	0.0039 U	0.0092 J	0.0067	0.017	0.0084
Benzo(b)fluoranthene	205-99-2	mg/kg	0.16	--	0.031	0.024	0.021	0.0095	0.026 UJ	0.026	0.016	0.51 UJ	0.23 U	0.0078 J	0.0076	0.00096 UJ	0.0039 U	0.015 J	0.012	0.033	0.016
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	--	0.0057 UJ	0.016	0.016	0.0028 UJ	0.014 UJ	0.046	0.01	0.72 UJ	0.053 UJ	0.0018 UJ	0.0025 UJ	0.0038 U	0.0039 U	0.0093 J	0.0015 UJ	0.0029 UJ	0.0037 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	--	0.0074 UJ	0.0058 UJ	0.0052 UJ	0.0015 UJ	0.04 U	0.0062 UJ	0.0049 UJ	0.77 U	0.23 U	0.0021 UJ	0.0018 UJ	0.0038 U	0.0039 U	0.0045 J	0.0033 UJ	0.0089	0.0044
Chrysene	218-01-9	mg/kg	16	--	0.047	0.036	0.037	0.025	0.027 UJ	0.029	0.015	1.9	0.15 UJ	0.0096 J	0.0095	0.0019 UJ	0.0039 U	0.018 J	0.015	0.037	0.018
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.016	--	0.0049 UJ	0.0048 UJ	0.0049 UJ	0.0023 UJ	0.04 U	0.0069 UJ	0.0028 UJ	0.77 U	0.23 U	0.0012 UJ	0.0014 UJ	0.0038 U	0.0039 U	0.0028 UJ	0.002 UJ	0.0055 UJ	0.0025 UJ
Fluoranthene	206-44-0	mg/kg	2400	--	0.032	0.022	0.015	0.0053	0.023 UJ	0.021	0.016	1.4	0.11 UJ	0.0073 J	0.007	0.00077 UJ	0.0039 U	0.014 J	0.011	0.027	0.012
Fluorene	86-73-7	mg/kg	2400	--	0.0084 U	0.0027 UJ	0.0078 U	0.004 U	0.04 U	0.0081 U	0.0075 U	1.5	0.097 UJ	0.0044 UJ	0.004 U	0.0038 U	0.0039 U	0.0041 UJ	0.0039 U	0.0076 U	0.0037 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.16	--	0.014	0.015	0.014	0.005	0.021 UJ	0.027	0.011	0.47 UJ	0.23 U	0.004 UJ	0.0049	0.00078 UJ	0.0039 U	0.0099 J	0.0066	0.019	0.0084
Naphthalene	91-20-1	mg/kg	3.8	--	0.0022 UJ	0.0019 UJ	0.0078 U	0.004 U	0.04 U	0.0081 U	0.0075 U	0.77 U	0.23 U	0.0013 UJ	0.00086 UJ	0.0038 U	0.0039 U	0.0041 UJ	0.002 UJ	0.0076 U	0.0037 U
Phenanthrene	85-01-8	mg/kg	NP	--	0.023	0.022	0.012	0.0068	0.014 UJ	0.0096	0.0032 UJ	4.8	0.35	0.0055 J	0.0038 UJ	0.0013 UJ	0.0039 U	0.0067 J	0.0068	0.0095	0.0055
Pyrene	129-00-0	mg/kg	1800	--	0.039	0.061	0.024	0.012	0.029 UJ	0.032	0.018	NA	NA	0.0096 J	0.0093	0.0016 UJ	0.0039 U	0.018 J	0.016	0.032	0.015
Volatile Organic Compounds																					
2-Butanone	78-93-3	mg/kg	27000	--	0.013 U	0.011 U	0.0074 UJ	0.0095 U	0.015 U	0.017	0.0094 UJ	0.014 UJ	0.016 U	0.022 U	0.0097 U	0.0093 U	0.0096 U	0.012 U	0.011 U	0.01 U	0.012
Acetone	67-64-1	mg/kg	61000	--	0.0021 U	0.0074 U	0.0098 U	0.007 U	0.0043 U	0.041	0.0092 U	0.018	0.014 U	0.0052 U	0.0059 U	0.0093 U	0.0089 U	0.01 U	0.011 U	0.01	0.0099 U
Ethylbenzene	100-41-4	mg/kg	5.8	--	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.0049 U	0.0047 U	0.00025 U	0.006 U	0.0056 U	0.005 U	0.0051 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	--	0.0063 U	0.00027 UJ	0.0054 U	0.0047 U	0.0077 U	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.011 U	0.00044 UJ	0.00022 UJ	0.00093 UJ	0.00049 UJ	0.0056 U	0.00027 UJ	0.00025 UJ
o-Xylene	95-47-6	mg/kg	650	--	0.0063 U	0.0053 U	0.0054 U	0.0047 U	0.00025 UJ	0.0061 U	0.0054 U	0.007 U	0.0081 U	0.00055 UJ	0.0049 U	0.0047 U	0.00031 UJ	0.006 U	0.0056 U	0.005 U	0.0051 U
Toluene	108-88-3	mg/kg	4900	--	0.0063 U	0.0013 U	0.0026 U	0.0014 U	0.013 J*	0.0061	0.0015 U	0.0024 U	0.00079 U	0.013 J*	0.012	0.0043 U	0.02	0.011 J	0.0029 U	0.0021 U	0.0029 U

Residential Soil Screening Level- June 2015 EPA Residential Soil RSL
Yellow highlighted cells exceed RSL
U - Not Detected at reported quantitation limit
L - Reported concentration is below the CRQL
mg/kg-milligrams per kilogram
BOLD-indicates a detected concentration
bgs-below ground surface

NA - Not Analyzed
NP - Not Published
J - Estimated Value
R - Unusable
SIM-selected ion monitoring
in-inches

Millcreek OU
Soil Analytical Data
Bristow, OK

Analyte	CAS NO	Units	EPA Residential Soil Screening Level	Property ID/T Sample ID Depth	Grid 1 Sample 0-2ft-0506	Grid 1 Dupl 0-2ft-0506	Grid 1 Sample 2-5ft-0506	Grid 1 Dupl 2-5ft-0506	Grid 1 Sample 5-10ft-0506	Grid 1 Dupl 5-10ft-0506	Grid 2 Sample 0-2ft-0506	Grid 2 Dupl 0-2ft-0506	Grid 2 Sample 2-5ft-0506	Grid 2 Dupl 2-5ft-0506	Grid 2 Sample 5-10ft-0506	Grid 2 Dupl 5-10ft-0506	Grid 3 Sample 0-2ft-0506	Grid 3 Dupl 0-2ft-0506	Grid 3 Sample 2-5ft-0506	Grid 3 Dupl 2-5ft-0506	Grid 3 Sample 5-10ft-0506	Grid 3 Dupl 5-10ft-0506	Grid 4 Sample 0-2ft-0506	Grid 4 Dupl 0-2ft-0506	Grid 4 Sample 2-5ft-0506	Grid 4 Dupl 2-5ft-0506	Grid 4 Sample 5-10ft-0506	Grid 4 Dupl 5-10ft-0506	Grid 5 Sample 0-2ft-0506	Grid 5 Dupl 0-2ft-0506	Grid 5 Sample 2-5ft-0506	Grid 5 Dupl 2-5ft-0506	Grid 5 Sample 5-10ft-0506	Grid 5 Dupl 5-10ft-0506	Grid 6 Sample 0-2ft-0506	Grid 6 Dupl 0-2ft-0506	Grid 6 Sample 2-5ft-0506	Grid 6 Dupl 2-5ft-0506	Grid 6 Sample 5-10ft-0506	Grid 6 Dupl 5-10ft-0506	Grid 7 Sample 0-2ft-0506	Grid 7 Dupl 0-2ft-0506	Grid 7 Sample 2-5ft-0506	Grid 7 Dupl 2-5ft-0506	Grid 7 Sample 5-10ft-0506	Grid 7 Dupl 5-10ft-0506
Metals																																																
Aluminum	7429-90-5	mg/kg	77000	-	4400	5600	4600	3100	3300	3100	3600	3500	7700	5900	2700	2500	7400	7100	5900	2700	2500	2100	3400	3100	3100	2100	2500	2100	2600	2100	2600	2100	2600	2100	2600	2100	2600	2100	2600	2100	2600	2100	2600	2100	2600	2100	2600	2100
Antimony	7440-36-0	mg/kg	31	-	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Arsenic	7440-38-2	mg/kg	0.68	-	3.9	4.2	3.8	3.1	2.8	2.7	3.1	3.1	3.4	3.1	2.8	2.7	3.4	3.1	3.1	2.8	2.7	2.7	3.1	3.1	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Barium	7440-39-3	mg/kg	15000	-	29.8	41.9	30.8	21.1	21.1	20.3	25.4	25.4	45.4	45.4	21.1	20.3	47.1	45.4	45.4	21.1	20.3	20.3	25.4	25.4	21.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
Beryllium	7440-41-7	mg/kg	160	-	0.3	0.48 J+	0.3	0.18 J+	0.16 J+	0.17 J+	0.17 J+	0.17 J+	0.4	0.4	0.17 J+	0.17 J+	0.4	0.4	0.4	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+	0.17 J+
Boron	7440-42-8	mg/kg	16000	-	23.8	41.9	30.8	5.3	4.1	3.1	5.4	4.1	5.4	4.1	3.1	3.1	5.4	4.1	5.4	3.1	3.1	3.1	5.4	4.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Cadmium	7440-43-9	mg/kg	38	-	0.3	0.48 J+	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Calcium	7440-70-2	mg/kg	NP	-	1700	1800	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Chromium	7440-47-3	mg/kg	120000	-	7.9	10.1	8.1	4.2	4.2	4.2	4.2	4.2	8.1	8.1	4.2	4.2	8.1	8.1	8.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Cobalt	7440-48-4	mg/kg	23	-	4.3	5.3	4.3	2.2	2.2	2.2	2.2	2.2	4.3	4.3	2.2	2.2	4.3	4.3	4.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Copper	7440-50-8	mg/kg	3100	-	8.6	10.8	11.8	10.8	10.8	10.7	8.3	8.3	13.8	13.8	10.7	10.7	13.8	13.8	13.8	10.7	10.7	10.7	8.3	8.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
Iron	7439-89-6	mg/kg	23000	-	14.9	18.4	14.9	10.5	10.5	10.5	10.5	10.5	18.4	18.4	10.5	10.5	18.4	18.4	18.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Lead	7439-92-1	mg/kg	400	-	17.6	19.1	17.6	10.8	10.8	10.8	10.8	10.8	19.1	19.1	10.8	10.8	19.1	19.1	19.1	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
Magnesium	7439-95-4	mg/kg	NP	-	1100	1200	1100	1000	1000	1000	1000	1000	1200	1200	1000	1000	1200	1200	1200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Manganese	7439-96-5	mg/kg	NP	-	110	130	110	49	49	49	49	49	130	130	49	49	130	130	130	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Molybdenum	7439-98-7	mg/kg	390	-	0.8	1.1	0.8	0.8	0.8	0.8	0.8	0.8	1.1	1.1	0.8	0.8	1.1	1.1	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Nickel	7440-02-0	mg/kg	1600	-	5.3	6.3	5.3	2.7	2.7	2.7	2.7	2.7	6.3	6.3	2.7	2.7	6.3	6.3	6.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Potassium	7440-09-7	mg/kg	NP	-	400	450	410	470	470	470	470	470	450	450	470	470	450	450	450	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470
Selenium	7782-49-2	mg/kg	390	-	1.1 J-	2.2 J-	1.1 J-	2.1 J-	1.8 J-	1.1 J-	1.2 J-	2.2 J-	1.1 J-	2.2 J-	1.2 J-	1.1 J-	0.28 J-	1.1 J-	1.1 J-	0.27 J-	1.1 J-	1.1 J-	2.2 J-	1.1 J-	2.2 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-	1.1 J-
Silver	7440-22-4	mg/kg	390	-	0.3	0.8 J	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Sodium	7440-23-5	mg/kg	NP	-	110	120	110	110	110	110	110	110	120	120	110	110	120	120	120	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
Thallium	7440-28-0	mg/kg	7.8	-	0.375 U	0.018 U	0.328 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.018 U	0.018 U	0.375 U	0.375 U	0.018 U	0.018 U	0.018 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
Tin	7440-31-5	mg/kg	47000	-	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Titanium	7440-32-6	mg/kg	160000	-	1.8	2.3	1.8	2.1	2.1	2.1	2.1	2.1	2.3	2.3	2.1	2.1	2.3	2.3	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Vanadium	7440-62-2	mg/kg	550	-	15.3	18.7	15.3	12.4	11.8	10.9	9.3	10.7	18.7	15.3	12.4	10.9	18.7	15.3	15.3	12.4	10.9	9.3	10.7	10.7	12.4	10.9	9.3	10.7	10.7	12.4	10.9	9.3	10.7	10.7	12.4	10.9	9.3	10.7	10.7	12.4	10.9	9.3	10.7	10.7	12.4	10.9	9.3	10.7
Zinc	7440-66-6	mg/kg	23000	-	27.8	31.1	27.8	18.9	18.9	18.9	18.9	18.9	31.1	31.1	18.9	18.9	31.1	31.1	31.1	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Polychlorinated Biphenyls																																																
Aroclor 1260	11096-82-5	mg/kg	0.33	-	0.035 U	NA	0.035 U	NA	NA	0.033 U	0.034 U	NA	0.034 U	NA	0.033 U	0.033 U	0.034 U	NA	0.034 U	0.033 U	0.033 U	NA	0.034 U	NA	0.034 U	0.033 U	0.033 U	NA	0.034 U	NA	0.034 U	0.033 U	0.033 U	NA	0.034 U	NA	0.034 U	0.033 U	0.033 U	NA	0.034 U	NA	0.034 U	0.033 U	0.033 U	NA	0.034 U	NA
Pesticides																																																
4,4'-DDD	72-54-8	mg/kg	2.3	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
4,4'-DDE	72-55-9	mg/kg	2	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
4,4'-DDT	50-29-3	mg/kg	2	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Alpha-BHC	319-84-6	mg/kg	0.036	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Alpha-Chlordane	5103-71-9	mg/kg	2	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Dieldrin	60-57-1	mg/kg	0.038	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Endosulfan I	959-98-8	mg/kg	NP	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Endosulfan II	33213-65-9	mg/kg	NP	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Endosulfan sulfate	1031-07-8	mg/kg	NP	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Endrin	72-20-8	mg/kg	2	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Endrin ketone	53494-70-5	mg/kg	NP	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Endrin aldehyde	7421-93-4	mg/kg	NP	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Heptachlor	76-44-8	mg/kg	0.13	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Heptachlor epoxide	1024-57-3	mg/kg	0.07	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Methoxychlor	72-43-5	mg/kg	39	-	0.00033 U	NA	0.00033 U	NA	NA	0.00031 U	0.00032 U	NA	0.00032 U	NA	0.00031 U	0.00031 U	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA	0.00032 U	0.00031 U	0.00031 U	NA	0.00032 U	NA
Semivolatile Organic Compounds																																																
1-Methylnaphthalene	90-12-0	mg/kg	2500	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
2-Methylnaphthalene	91-57-6	mg/kg	0.33	-	0.15	NA	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	mg/kg	0.3	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
3-Nitroaniline	99-09-2	mg/kg	NP	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
4-Nitroaniline	100-01-6	mg/kg	0.33	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
Benzoic acid	65-85-0	mg/kg	250000	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
Benzyl alcohol	100-51-6	mg/kg	6100	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
Bis(2-chloroethyl)ether	111-44-4	mg/kg	0.01	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
Bis(2-chloroisopropyl)ether	108-60-1	mg/kg	0.09	-	0.15 U	NA	0.15 U	NA	NA	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA	0.14 U	0.14 U	0.14 U	NA	0.14 U	NA
Bis(2-ethylhexyl)phthalate	117

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS.NO	Units	EPA Residential Soil Screening Level	Property ID:9 Sample ID: Depth Date	Grid 1 0-2in bgs 6/3/2015	Grid 1 - Duplicate 0-2in bgs 6/3/2015	Grid 1 2-4in bgs 6/3/2015	Grid 2 0-2in bgs 6/3/2015	Grid 2 2-4in bgs 6/3/2015	Grid 3 0-2in bgs 6/3/2015	Grid 3 - Duplicate 0-2in bgs 6/3/2015	Grid 3 2-4in bgs 6/3/2015	Grid 4 0-2in bgs 6/3/2015	Grid 4 2-4in bgs 6/3/2015	Grid 5 0-2in bgs 6/3/2015	Grid 5 - Duplicate 0-2in bgs 6/3/2015	Grid 5 2-4in bgs 6/3/2015	Grid 5 6-12in bgs 6/3/2015	Grid 5 12-24in bgs 6/3/2015	Grid 6 0-2in bgs 6/3/2015	Grid 6 2-4in bgs 6/3/2015	Grid 7 0-2in bgs 6/3/2015	Grid 7 2-4in bgs 6/3/2015	Grid 7 6-12in bgs 6/3/2015	Grid 7 12-24in bgs 6/3/2015	Grid 8 0-2in bgs 6/3/2015	Grid 8 2-4in bgs 6/3/2015	Grid 8 6-12in bgs 6/3/2015
Metals																												
Aluminum	7429-90-5	mg/kg	77000	–	2780	2110	2800	2520	1050	2610	2520	2490	3640	4460	3150	2790	4500	4320	2640	4620	4320	2420	4730	10100	4840	3000	4230	5410
Arsenic	7440-38-2	mg/kg	0.68	–	1.2	1.5	1.5	3	1.8	1.37	1.2	0.87	1.4	1.5	2.4	2	1.1	1.2	1.2	3.2	2.1	2	2.4	2.6	1.7	4.7	2.7	2.1
Barium	7440-39-3	mg/kg	15000	–	35.9	40	20.4	20.2	27.2	24.7	48.2	24.5	42.1	42.7	27.6	39	20.1	27.8	30.6	43.6	46.7	33.1	46.7	12.7	37.1	37.5	51.3	61.8
Calcium	7440-70-2	mg/kg	NP	–	494 U	558	503	1360	610	1220	1240	1000	1305	1170	12100	17100	1550	1140	6960	1180	1110	2750	2900	1360	2800	801	952	1010
Chromium	7440-47-3	mg/kg	NP	–	4.4	5.8	8.3	6.4	5.9	6.7	6.4	5	7	8.9	8.1	8.3	5.7	7.6	6.2	9	8.3	7.6	9.2	17.8	8.6	7.1	9.2	11
Cobalt	7440-48-4	mg/kg	23	–	1.8	1.4	1.7	1.5	2	1.5	1.3	0.69	2.1	2.1	2.7	2.4	1.7	2.4	1.9	2.3	2.4	2.2	3.2	3.1	2.1	2.4	2.5	5
Copper	7440-50-8	mg/kg	3100	–	2.2	2	2.3	2.3	2.5	2.9	3.2	2.3	7.6	7.3	4.8	4.4	3	3.2	4.1	4.8	5.3	3.2	3.6	6.1	4.5	3.5	4.3	4.8
Iron	7439-89-6	mg/kg	55000	–	4170	3170	4710	7270	6100	3100	2620	3100	6160	1820	6690	7790	4640	5530	4270	5970	6230	5120	8050	11200	8210	4390	6950	8920
Lead	7439-92-1	mg/kg	400	–	9.6	9.2	5.2	8.1	7.8	8.8	7.3	6.6	18.5	14.4	9.2	13.6	9.1	6.2	10.4	17.6	21.7	6	6.5	7.9	10.2	9.6	8.7	7.9
Magnesium	7439-95-4	mg/kg	NP	–	494 U	494 U	602 U	640 U	483	639 U	386 U	374 U	531	509 U	704	916	475	579	337 U	581	530	431	559	946	1190	456	587	675
Manganese	7439-96-5	mg/kg	1800	–	107	87.9	85.2	105	97.2	69.1	63	65.3	113	98.1	152	157	76.1	112	101	134	127	130	148	81.9	124	148	110	206
Mercury	7439-97-6	mg/kg	0.086	–	0.016 U	0.013 U	0.014 U	0.0095 U	0.01 U	0.013 U	0.0081 U	0.0089 U	0.01 U	0.014 U	0.0047 U	0.0062 U	0.0124 U	0.0037 U	0.009 U	0.014 U	0.0037 U	0.0091 U	0.0042 U	0.0016 U	0.0039 U	0.003 U	0.0034 U	0.005 U
Nickel	7440-02-0	mg/kg	1600	–	3	2.6	4.1	3.5	4.2	3	2.7	2.3	4.8	4.9	5.7	5.6	3.2	4.8	3.8	4.1	4.8	4.1	6	8.9	5	4.3	5.2	7.1
Potassium	7440-09-7	mg/kg	NP	–	494 U	494 U	602 U	640 U	477	518 U	448	299 U	498	509 U	575	572	346	570	630 U	781	796	450	796	1050	642	538	783	754
Selenium	7782-49-2	mg/kg	390	–	2.2 U	2.4 U	0.31 U	1.8 U	0.37 U	2.7 U	2.4 U	2.6 U	3.2 U	2.2 U	1.9 U	1.8 U	2.2 U	2.7 U	2.5 U	2.4 U	2.2 U	2.5 U	2.2 U	0.31 U	2.5 U	2.4 U	2.1 U	2.2 U
Vanadium	7440-62-2	mg/kg	280	–	10.4	9.5	15.3	16.3	16.9	10	8.3	6.9	11.3	14.6	12.1	12.5	8.2	11	9.1	11.6	12.6	9.8	13.7	25.3	13.1	10.5	13.9	17.4
Zinc	7440-66-6	mg/kg	23000	–	18.4	16.5	13.9	16.7	19.5	34.3	25.4	28.1	61.1	58.3	35.3	41	30.1	25.5	29.3	40.9	58.4	19.8	17.3	25.9	33.9	26.5	22.8	21.7
Polychlorinated Biphenyls (None Detected)																												
Pesticides																												
4,4'-DDD	72-54-8	mg/kg	2.3	–	0.00036 U	0.00037 U	0.00039 U	0.00032 U	0.0017 U	0.0041 U	0.0041 U	0.00078 U	0.00071 U	0.0037 U	0.0035 U	0.00035 U	0.0037 U	0.0036 U	0.0032 U	0.0037 U	0.00012 U	0.0036 U	0.0037 U	0.0037 U	0.0036 U	0.00027 U	0.0038 U	0.0037 U
4,4'-DDE	72-55-9	mg/kg	2	–	0.0042 U	0.0042 U	0.004 U	0.00019 U	0.00036 U	0.0041 U	0.00018 U	0.0015 U	0.0022 U	0.00033 U	0.00048 U	0.0033 U	0.0031 U	0.00033 U	0.00028 U	0.00059 U	0.0004 U	0.0033 U	0.00051 U	0.00018 U	0.0036 U	0.00051 U	0.00064 U	0.0037 U
4,4'-DDT	50-29-3	mg/kg	1.9	–	0.0042 U	0.00059 U	0.00057 U	0.00038 U	0.00061 U	0.00041 U	0.0027 U	0.0012 U	0.0024 U	0.00019 U	0.0011 U	0.0036 U	0.0036 U	0.0009 U	0.00054 U	0.00041 U	0.00085 U	0.0029 U	0.00024 U	0.00064 U	0.00071 U	0.0021 U	0.00091 U	0.00032 U
Aldrin	309-00-2	mg/kg	0.039	–	0.00085 U	0.0022 U	0.0021 U	0.0021 U	0.002 U	0.005 U	0.0021 U	0.0021 U	0.0031 U	0.00025 U	0.00073 U	0.0036 U	0.0011 U	0.0014 U	0.0012 U	0.0019 U	0.0022 U	0.0036 U	0.00017 U	0.00014 U	0.0003 U	0.002 U	0.00024 U	0.00017 U
Alpha-BHC	319-84-6	mg/kg	0.086	–	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0051 U	0.00049 U	0.00049 U	0.0051 U	0.0019 U	0.0018 U	0.00049 U	0.0019 U	0.00049 U	0.00049 U	0.0019 U	0.00056 U	0.0036 U	0.00015 U	0.00018 U	0.00054 U	0.0013 U	0.00095 U	0.0019 U
Alpha-Chlordane	5103-71-9	mg/kg	NP	–	0.0022 U	0.0022 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.00017 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.002 U	0.0019 U
Beta-BHC	319-85-7	mg/kg	0.3	–	0.0022 U	0.0022 U	0.0021 U	0.0021 U	0.0021 U	0.0051 U	0.00036 U	0.002 U	0.0051	0.0019 U	0.0018 U	0.00051 U	0.00049 U	0.001 U	0.0016 U	0.00018 U	0.0003	0.0019 U	0.0019 U	0.0019 U	0.0018 U	0.0014 U	0.002 U	0.0019 U
Dieldrin	60-57-1	mg/kg	0.034	–	0.00036 U	0.00037 U	0.00039 U	0.00015 U	0.00026 U	0.00032 U	0.0003 U	0.00007 U	0.00027 U	0.00024 U	0.00036 U	0.00042 U	0.00015 U	0.00011 U	0.00013 U	0.0002 U	0.00051 U	0.0026 U	0.00024 U	0.00017 U	0.00017 U	0.00018 U	0.00038 U	0.00029 U
Endosulfan II	33213-65-9	mg/kg	NP	–	0.00035 U	0.0042 U	0.004 U	0.0026 U	0.0018 U	0.00009 U	0.0041 U	0.0041 U	0.0041 U	0.0027 U	0.00036 U	0.0027 U	0.0027 U	0.0036 U	0.0027 U	0.00035 U	0.0041 U	0.0022 U	0.00017 U	0.0032 U	0.00014 U	0.0016 U	0.0019 U	0.0017 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	–	0.0042 U	0.0042 U	0.004 U	0.004 U	0.0038 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0027 U	0.00035 U	0.0034 U	0.0027 U	0.0036 U	0.0027 U	0.00051 U	0.0041 U	0.0041 U	0.00014 U	0.000087 U	0.00047 U	0.0036 U	0.0027 U	0.00018 U
Endrin	72-20-8	mg/kg	19	–	0.0042 U	0.00035 U	0.00038 U	0.0021 U	0.00056 U	0.0013 U	0.00038 U	0.0019 U	0.0019 U	0.0007 U	0.00036 U	0.00056 U	0.00037 U	0.00036 U	0.0016 U	0.00034 U	0.00038 U	0.00047 U	0.001 U	0.00017 U	0.0011 U	0.00071 U	0.0021 U	0.00036 U
Endrin aldehyde	7421-93-4	mg/kg	NP	–	0.00046 U	0.001 U	0.00028 U	0.001 U	0.0002 U	0.00041 U	0.0001 U	0.00057 U	0.0011 U	0.00031 U	0.00038 U	0.00017 U	0.00056 U	0.00019 U	0.0017 U	0.00035 U	0.00019 U	0.0021 U	0.00019 U	0.00014 U	0.0016 U	0.00025 U	0.0012 U	0.00016 U
Endrin ketone	53494-70-5	mg/kg	NP	–	0.0042 U	0.0042 U	0.004 U	0.004 U	0.0038 U	0.00059 U	0.0041 U	0.00084 U	0.0016 U	0.0027 U	0.00047 U	0.0029 U	0.00025 U	0.0011 U	0.0029 U	0.00021 U	0.00098 U	0.0018 U	0.00024 U	0.0015 U	0.0019 U	0.0018 U	0.0008 U	0.00038 U
gamma-BHC (Lindane)	58-89-9	mg/kg	0.57	–	0.00019 U	0.00022 U	0.00021 U	0.00015 U	0.00025 U	0.0021 U	0.00009 U	0.0021 U	0.00022 U	0.0019 U	0.00006 U	0.00015 U	0.0019 U	0.0019 U	0.0019 U	0.00041 U	0.0021 U	0.00011 U	0.0019 U	0.0018 U	0.00023 U	0.0019 U	0.002 U	0.00014 U
gamma-Chlordane	5103-74-2	mg/kg	NP	–	0.00017 U	0.00021 U	0.00017 U	0.00019 U	0.00017 U	0.0021 U	0.0021 U	0.0021 U	0.00014 U	0.0019 U	0.00014 U	0.00015 U	0.00015 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.00012 U	0.00011 U	0.0019 U	0.00015 U	0.0019 U	0.002 U	0.0019 U
Heptachlor	76-44-8	mg/kg	0.13	–	0.0022 U	0.0022 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.0019 U	0.0019 U	0.002 U	0.0019 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	–	0.0022 U	0.0022 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0019 U	0.0018 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.00051 U	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.00033 U	0.0019 U	0.002 U	0.0019 U
Methoxychlor	72-43-5	mg/kg	320	–	0.00006 U	0.0023 U	0.021 U	0.0026 U	0.0017 U	0.00051 U	0.00049 U	0.021 U	0.0029 U	0.0013 U	0.0006 U	0.018 U	0.019 U	0.019 U	0.0013 U	0.019 U	0.0022 U	0.001 U	0.0012 U	0.019 U	0.00041 U	0.0018 U	0.02 U	0.001 U
Semi-volatile Organic Compounds																												
4-Methylphenol	106-44-5	mg/kg	6300	–	0.68 U	0.22 U	0.21 U0	0.2 U0	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U
4-Nitroaniline	100-01-6	mg/kg	27	–	0.43 U0	0.053 U	0.4 U0	0.4 U0	0.38 U0	0.41 U0	0.41 U0	0.41 U0	0.41 U0	0.38 U	0.36 U	0.36 U	0.37 U	0.38 U	0.36 U	0.37 U	0.41 U	0.36 U	0.38 U	0.37 U	0.36 U	0.36 U	0.38 U	0.37 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	39	–	0.22 U0	0.22 U0	0.12 U	0.2 U0	0.11 U	0.21 U	0.21 U	0.37	0.21 U	0.15 U	0.055 U	0.18 U	0.14 U	0.12 U	0.13 U	0.19 U	0.21	0.032 U	0.36	0.09 U	0.12 U	0.18 U	0.22	0.039 U
Butylbenzylphthalate	84-74-2	mg/kg	6300	–	0.22 U0	0.22 U0	0.21 U0	0.2 U0	0.2 U0	0.21 U0	0.21 U	0.21 U	0.21 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.19 U
Semi-volatile Organic Compounds (SIM)																												
1-Methylnaphthalene	90-57-6	mg/kg	240	–	0.0042 U	0.0042 U	0.004 U0	0.004 U0	0.0038 U0	0.00098 U	0.0041 U	0.0013 U	0.0011 U	0.0018 U	0.00019 U	0.001 U	0.0011 U	0.00097 U	0.00084 U	0.0011 U	0.0015 U	0.0042	0.0075	0.0017 U	0.0007 U	0.0007 U	0.0018 U	0.0017 U
2-Methylphenol	108-394-8	mg/kg	NP	–	0.0021 U	0.0042 U	0.004 U0	0.004 U0	0.0038 U0	0.0037 U	0.0041 U	0.00084 U	0.00099 U	0.0018 U	0.001 U	0.0012 U	0.0017 U	0.0011 U	0.0013 U	0.0014 U	0.017 U	0.00091 U	0.00083 U	0.0019 U	0.0012 U	0.0007 U	0.00083 U	0.0017 U
Acenaphthene	120-12-7	mg/kg	18000	–	0.0014 U	0.0016 U	0.004 U0	0.004 U0	0.0038 U0	0.0037 U	0.0027 U	0.0004	0.0011 U	0.0018 U	0.0049	0.0011 U	0.0011 U	0.0017 U	0.002 U	0.0019 U	0.0079 U	0.0011 U	0.001 U	0.0019 U	0.0012 U	0.0014 U	0.0018 U	0.0017 U
Acenaphthylene	208-96-8	mg/kg	NP	–	0.0021 U	0.0016 U	0.004 U0	0.004 U0	0.0038 U0	0.0037 U	0.0027 U	0.0013 U	0.0011 U	0.0018 U	0.0011 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0019 U	0.0011 U	0.0011 U	0.0017 U	0.0019 U	0.0012 U	0.0014 U	0.0018 U	0.0017 U
Anthracene	120-12-7	mg/kg	18000	–	0.0014 U	0.0016 U	0.004 U0	0.004 U0	0.0038 U0	0.0037 U	0.0027 U	0.0004	0.0011 U	0.0018 U	0.0049	0.0011 U	0.0011 U	0.0017 U	0.002 U	0.0019 U	0.0079 U	0.0011 U	0.001 U	0.0019 U	0.0012 U	0.0014 U	0.0018 U	0.0017 U
Benzo(a)anthracene	56-55-3	mg/kg	0.146	–	0.0021 U	0.0016 U	0.004 U0	0.004 U0	0.0038 U0	0.002	0.0027 U	0.0013 U	0.0011 U	0.0018 U	0.0011 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.0019 U	0.0011 U	0.0017 U	0.0017 U	0.0019 U	0.0012 U	0.0014 U	0.0018 U	0.0017 U
Benzo(a)pyrene	50-32-8	mg/kg	0.015	–	0.0021 U	0.0013	0.0012 U	0.0017 U	0.0038 U	0.004	0.0027	0.0023	0.0014 U	0.0019 U	0.0032	0.0044	0.0012 U	0.0023	0.0018	0.0019	0.0018	0.0012 U	0.0017 U	0.0017	0.0014	0.0017	0.0021	0.0017 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.146	–	0.0084 U	0.0019 U	0.0026 U	0.003 U	0.0062 U	0.014	0.01	0.031	0.0067	0.0042	0.012	0.0070	0.0044	0.0061	0.0078	0.0087	0.026	0.006	0.0051	0.016	0.0089	0.0045	0.0092	0.0032 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	NP	–	0.00014 U	0.0022 U	0.004 U0	0.004 U0	0.0038 U0	0.0008	0.0041 U	0.0018 U	0.0005 U	0.0022 U	0.016	0.0037	0.0015 U	0.00079 U	0.0005 U	0.0014 U	0.0042 U	0.0017 U	0.0028 U	0.00009 U	0.0016 U	0.00094 U	0.0018 U	0.0017 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	–	0.0084 U	0.0017	0.004 U0	0.00095 U	0.0038 U0	0.004 U	0.0041 U	0.0015	0.0018 U	0.00098 U	0.0072	0.0021 U	0.0021 U	0.0019 U	0.0012 U	0.0023 U	0.0019 U	0.0012 U	0.0017 U	0.0015 U	0.0012	0.0017 U	0.0014 U	0.00098 U
Chrysene	218-01-9	mg/kg	15	–	0.0071 U	0.0014 U	0.002 U	0.0028 U	0.0013 U	0.01	0.0064	0.017	0.0062	0.0033 U	0.0037	0.0047	0.0036 U	0.0043	0.0047	0.0035	0.058	0.0042	0.0036 U	0.0097	0.0063	0.0044	0.0056	0.0025 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.015	–	0.0014 U	0.0018 U	0.004 U0	0.004 U0	0.0038 U0	0.0015 U	0.0015 U	0.0015 U	0.0011 U	0.0018 U	0.0036 U	0.0013 U	0.0017 U	0.0018 U	0.0015 U	0.0011 U	0.006 U	0.0018 U	0.0018 U	0.0014 U	0.0007 U	0.0016 U	0.0018 U	0.0017 U
Fluoranthene	206-44-0	mg/kg	2400	–	0.0083 J	0.018 J	0.0024 U	0.0037 U	0.0013 U	0.011	0.0065	0.029	0.0015	0.0032 U	0.006	0.0042	0.0032 U	0.0051	0.0043	0.0068	0.024	0.0035 U	0.0034 U	0.009	0.0065	0.0032 U	0.0047	0.0027 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.146	–	0.0042 J	0.01 J	0.0033 U	0.0038 U	0.0007 U	0.0068	0.005	0.0186	0.0044	0.0014 U	0.0077	0.0032	0.0017 U	0.0033 U	0.0026 U	0.0015 U	0.011 U	0.0025 U	0.0014 U	0.0064	0.0038 U	0.0018 U	0.0043 U	0.0017 U
Naphthalene	91-20-3	mg/kg	3.8	–	0.0042 U0	0.0042 U0	0.004 U0	0.004 U0	0.00088 U	0.0041 U	0.0041 U	0.00089 U	0.0009 U	0.0038 U	0.00113 U	0.00075 U	0.00092 U	0.00076 U	0.0016 U	0.0008 U	0.0072 U	0.0017 U	0.0016 U	0.0032 U	0.0016 U	0.0018 U	0.0032 U	0.0017 U
Pentachlorophenol	87-86-5	mg/kg	1	–	0.0086 U0	0.0086 U0	0.0081 U0	0.008 U0	0.0077 U0	0.0082 U1x	0.0084 U1x	0.0014 U	0.0018 U	0.0076 U1x	0.007 U1x	0.007 U1x	0.0074 U1x	0.0076 U1x	0.0074 U1x	0.0075 U1x	0.0047 U	0.0074 U1x	0.0076 U1x	0.0076 U1x	0.0072 U1x	0.0072 U1x	0.0078 U	0.0075 U
Phenanthrene	85-01-8	mg/kg	NP	–	0.0024 U	0.0034 U	0.0015 U	0.0021 U	0.001 U	0.0031 U	0.0023 U	0.0061	0.0043	0.0018 U	0.0044	0.0026 U	0.0019 U	0.0024 U	0.0018 U	0.0046	0.1	0.0018 U	0.0029 U	0.0026 U	0.003 U	0.0024 U	0.0026 U	0.0015 U
Pyrene	129-00-0	mg/kg	1850	–	0.01 J	0.013 J	0.0015 U	0.0037 U	0.0014 U	0.012	0.0075	0.024	0.0079	0.0041	0.0195	0.0079	0.0045	0.0054	0.006	0.0093	0.068	0.003	0.0049	0.0058	0.0079	0.0049	0.007	0.0062
Volatile Organic Compounds																												
2-Butanone	78-93-3	mg/kg	27000	–	0.017 U	0.014 U	0.012	0.011 U	0.011 U	0.012 U	0.014 U	0.013 U	0.017 U	0.011 U	0.016 U	0.0099 U	0.01 U	0.012 U	0.013 U	0.019 U	0.013 U	0.011 U	0.011 U	0.0088 U	0.0089 U	0.012 U	0.015 U	0.012 U
Acetone	67-64-1	mg/kg	61000	–	0.011 U	0.0086 U	0.025	0.011 U	0.02	0.012 U	0.013 U	0.013 U	0.012 U	0.011 U	0.016 U	0.0099 U	0.011 U	0.0079 U	0.016	0.025	0.008 U	0.011 U	0.0081 U	0.0076 U	0.01	0.007 U	0.015 U	0.0055 U
Ethylbenzene	100-41-4	mg/kg	5.8	–	0.0061 U	0.007 U	0.005 U	0.0055 U	0.0051 U	0.0062 U	0.0072 U	0.0061 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0038 U	0.0046 U	0.00402 U	0.0056 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0018 U
m,p-Xylene	108-38-3/106-42-3	mg/kg	550	–	0.0086 U	0.007 U	0.00023 U	0.0055 U	0.0051 U	0.0042 U	0.00037 U	0.0061 U	0.00075 U	0.0055 U	0.0081 U	0.0049 U	0.00033 U	0.0038 U	0.0066 U	0.0017 U	0.00071 U	0.0054 U	0.00032 U	0.0044 U	0.0044 U	0.0059 U	0.00047 U	0.00046 U
Toluene	50-47-6	mg/kg	5200	–	0.0086 U	0.007 U	0.005 U	0.0055 U	0.0051 U	0.0062 U	0.0072 U	0.0061 U	0.0087 U	0.0055 U	0.0081 U	0.0049 U	0.0057 U	0.0038 U	0.0066 U	0.00054 U	0.0047 U	0.0054 U	0.0055 U	0.0044 U	0.0044 U	0.0059 U	0.0073 U	0.0018 U
Xylene	108-88-3	mg/kg	4900	–	0.017 J	0.0073	0.0017 U	0.0011 U	0.0067	0.0018 U	0.011 J	0.0055 U	0.0044 U	0.0042 U	0.0022 U	0.003 U	0.0072	0.0058 U	0.0011 U	0.03	0.018	0.0029 U	0.0036 U	0.0047	0.0041 U	0.0046 U	0.0055 U	0.0077

Residential Soil Screening Levels (Jan 2015 EPA Residential Soil TR)
Yellow highlighted cells exceed RSL.
U - Not Detected at reported quantitation limit
J - Reported concentration is below the CRQL
mg/kg=milligram per kilogram
BOLD indicates a detected concentration
bgs-below ground surface

NA - Not Analyzed
NP - Not Published
J - Estimated Value
R - Unusable
SIM-selected ion monitoring
in-inches.

Analyte	CAS NO.	Units	EPA Residential Soil Screening Level	Property 828 Sample ID Depth Date	Grid 1 Sheet 0-0.5ft 7/18/2018	Grid 1 Sheet 0.5-1ft 7/18/2018	Grid 1 Sheet 1-2ft 7/18/2018	Grid 1 Sheet 2-3ft 7/18/2018	Grid 1 Sheet 3-4ft 7/18/2018	Grid 1 Duplicate 3-4ft 7/18/2018	Grid 2 Sheet 0-0.5ft 7/18/2018	Grid 2 Sheet 0.5-1ft 7/18/2018	Grid 2 Sheet 1-2ft 7/18/2018	Grid 2 Sheet 2-3ft 7/18/2018	Grid 2 Sheet 3-4ft 7/18/2018	Grid 2 Duplicate 3-4ft 7/18/2018	Grid 3 Sheet 0-0.5ft 7/18/2018	Grid 3 Sheet 0.5-1ft 7/18/2018	Grid 3 Sheet 1-2ft 7/18/2018	Grid 3 Sheet 2-3ft 7/18/2018	Grid 3 Sheet 3-4ft 7/18/2018	Grid 3 Duplicate 3-4ft 7/18/2018	Grid 5 Sheet 0-0.5ft 7/18/2018	Grid 5 Sheet 0.5-1ft 7/18/2018	Grid 5 Sheet 1-2ft 7/18/2018	Grid 5 Sheet 2-3ft 7/18/2018	Grid 5 Sheet 3-4ft 7/18/2018	Grid 6 Sheet 0-0.5ft 7/18/2018	Grid 6 Sheet 0.5-1ft 7/18/2018	Grid 6 Sheet 1-2ft 7/18/2018	Grid 6 Sheet 2-3ft 7/18/2018	Grid 6 Sheet 3-4ft 7/18/2018	Grid 7 Sheet 0-0.5ft 7/18/2018	Grid 7 Sheet 0.5-1ft 7/18/2018	Grid 7 Sheet 1-2ft 7/18/2018	Grid 7 Sheet 2-3ft 7/18/2018	Grid 7 Sheet 3-4ft 7/18/2018	Grid 8 Sheet 0-0.5ft 7/18/2018	Grid 8 Sheet 0.5-1ft 7/18/2018	Grid 8 Sheet 1-2ft 7/18/2018	Grid 8 Sheet 2-3ft 7/18/2018	Grid 8 Sheet 3-4ft 7/18/2018	Grid 9 Sheet 0-0.5ft 7/18/2018	Grid 9 Sheet 0.5-1ft 7/18/2018
Metals																																														
Aluminum	7429-90-5	mg/kg	77000	--	4700	2100	3600	3400	7400	6600	2900	3100	1400	2100	2600	1700	3100	1400	3100	3100	3100	3600	1400	1100	1600	2600	1400	1100	1600	2600	1100	1100	1100	1700	1100	1100	1100	1700	1100	1100	1100	1700	1100	1100	1100	1700
Antimony	7440-36-0	mg/kg	31.00	--	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Arsenic	7440-38-2	mg/kg	0.68	--	2.8	2.1	2.7	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Barium	7440-39-3	mg/kg	15000	--	110.2	47.1	57.7	56.1	42.3	41.9	33.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
Beryllium	7440-41-7	mg/kg	160	--	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cadmium	7440-43-9	mg/kg	37	--	1.1	0.9	1.1	1.1	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Calcium	7440-70-2	mg/kg	NP	--	501	900	701	701	1310	701	1700	627	301	197	301	600	600	208	505	1700	1700	1700	1100	1900	825	505	505	505	1100	1900	825	505	505	1700	1900	825	505	505	1700	1900	825	505	505	1700	1900	825	505
Chromium	7440-47-3	mg/kg	30	--	5.2	5.3	6.2	6.2	5.3	4.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Cobalt	7440-48-4	mg/kg	4.7	--	2.1	1.1	1.1	1.1	1.1	1.1	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Copper	7440-50-8	mg/kg	1500	--	16.1	10.1	12.1	11.1	10.1	9.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
Iron	7439-89-6	mg/kg	23000	--	4300	4900	4970	7300	13100	9800	4700	2570	1690	2570	4300	4700	4700	1700	4300	4300	4300	4970	7300	5800	1300	2570	2570	2570	5800	4970	1300	2570	2570	4300	5800	4970	1300	2570	2570	4300	5800	4970	1300	2570	2570	4300	5800
Lead	7439-92-1	mg/kg	400	--	20.4	16.1	8.8	10.1	6.5	6.5	4.7	8.6	11.8	8.6	23.2	19.4	16	5.4	28.5	37	21.8	20.7	7.5	6.5	19.1	11.5	8.4	6.6	20.9	20.6	10.4	6.8	10.1	8.3	20.2	11.6	6.8	10.1	8.3	20.2	11.6	6.8	10.1	8.3	20.2	11.6
Magnesium	7439-95-4	mg/kg	NP	--	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Manganese	7439-96-5	mg/kg	2600	--	160	140	180	140	97.8	96.8	58.6	108	139	108	204	204	197	180	197	204	204	197	204.1	108	97.8	108	108	108	139	108	97.8	108	108	139	108	97.8	108	108	139	108	97.8	108	108	139	108	97.8	108
Mercury	7439-97-6	mg/kg	9.4	--	0.0017 J	0.00141 U	0.0117 J	0.0141 U	0.0179 J	0.0141 U	0.0117 J	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0141 U	0.0117 J	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0117 J	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0117 J	0.0141 U	0.0141 U	0.0141 U	0.0117 J
Nickel	7440-02-0	mg/kg	1500	--	3.7	5.8	3.3	4.8	5.3	5.3	4.4	2.7	2.7	3.4	5.2	5.2	5.2	3.4	5.2	5.2	5.2	5.2	3.4	3.4	2.7	2.8	2.8	2.7	3.4	3.4	2.7	2.8	2.8	2.7	3.4	3.4	2.7	2.8	2.8	2.7	3.4	3.4	2.7	2.8	2.8	2.7
Potassium	7440-09-7	mg/kg	NP	--	551	810	451	470	551	580	410	320	289	296	510	523	533	210	550	609	553	579	430	1400	553	451	460	510	1400	1300	451	460	510	579	1400	1300	451	460	510	579	1400	1300	451	460	510	579
Selenium	7782-49-2	mg/kg	390	--	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Silver	7440-22-4	mg/kg	390	--	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Sodium	7440-23-5	mg/kg	23000	--	40.8	54.6 J	22.3	21.3 J	25.5	6.8	7.4	31	41.5 J	26.4	54.2	45.3	42	13.1	48.8	25.4	42.5 J	15.3	52	55.1	40.4 J	19.5	18.7 J	18.4	13.5	50.8	40.9	40.2	15.8	39.5	41.5	120 J	50.5 J	25.2	65.2 J	19.5	5
Polychlorinated Biphenyls (Now Dioxins and Furans)																																														
Pesticides																																														
4,4'-DDD	72-54-8	mg/kg	2.7	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	0.00149 U	NJ	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U
4,4'-DDE	72-55-9	mg/kg	1.9	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	0.00149 U	NJ	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U
4,4'-DDT	50-29-3	mg/kg	1.9	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	0.00149 U	NJ	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	NJ	0.00149 U
Alpha-Chlordane	5103-71-9	mg/kg	NP	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00373	NJ	0.00675	0.00521	NJ	0.00149 U	0.00521 J	NJ	0.00149 U	0.00521	NJ	0.00149 U	0.00521	NJ	0.00149 U	0.00521	NJ	0.00149 U	0.00521	NJ	0.00149 U	0.00521	NJ	0.00149 U	0.00521	NJ	0.00149 U	0.00521	NJ	0.00149 U
Dieldrin	60-57-1	mg/kg	NP	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00373	NJ	0.00521	0.00373	NJ	0.00149 U	0.00373 J	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U
Endosulfan sulfate	1031-07-8	mg/kg	4.8	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00373	NJ	0.00521	0.00373	NJ	0.00149 U	0.00373 J	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U
Endrin	72-20-8	mg/kg	0.27	--	0.00149 U	NJ	0.00149 U	NJ	0.00149 U	0.00149 U	0.00149 U	NJ	0.00149 U	NJ	NJ	0.00149 U	0.00149 U	0.00373	NJ	0.0149	0.00373	NJ	0.00149 U	0.00373 J	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U	0.00373	NJ	0.00149 U
Semi-volatile Organic Compounds																																														
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	39	--	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	0.0141 U	0.0141 U	0.00967 J	NJ	0.0141 U	NJ	NJ	0.0141 U	0.0141 U	0.0353 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	6100	--	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	0.0141 U	0.0141 U	NJ	0.0141 U	NJ	NJ	0.0141 U	0.0141 U	0.0353 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U	NJ	0.0141 U
Volatile Organic Compounds (VOC)																																														
Methylcyclohexane	108-87-2	mg/kg	140	--	0.0141 U	NJ	0.00564 U	NJ	0.0056 U	0.0056 U	0.0056 U	NJ	0.00705 U	NJ	NJ	0.0071 U	0.00705 U	0.00705 U	NJ	0.00705 U	0.00705 U	NJ	0.0071 U	0.00705 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U	NJ	0.0071 U
Methylene chloride	75-09-2	mg/kg	0.0015	--	0.0141 U	NJ	0.0056

Wilcox Oil
Soil Analytical Data
Bristow, OK

Analyte	CAS-NO	Units	EPA Residential Soil Screening Level	Property 921 Sample ID Depth Date	Grid 1 0-2in bgs 6/3/2015	Grid 1 2-6in bgs 6/3/2015	Grid 1 6-12in bgs 6/3/2015	Grid 1 12-24in bgs 6/3/2015	Grid 3 0-2in bgs 6/3/2015	Grid 3-Duplicate 0-2in bgs 6/3/2015	Grid 3 2-6in bgs 6/3/2015	Grid 3 6-12in bgs 6/3/2015	Grid 3 12-24in bgs 6/3/2015	Grid 4 0-2in bgs 6/3/2015	Grid 4-Duplicate 0-2in bgs 6/3/2015	Grid 4 2-6in bgs 6/3/2015	Grid 4 6-12in bgs 6/3/2015	Grid 4 12-24in bgs 6/3/2015	Grid 5 0-2in bgs 6/3/2015	Grid 5 2-6in bgs 6/3/2015	Grid 5 6-12in bgs 6/3/2015	Grid 5 12-24in bgs 6/3/2015	Grid 6 0-2in bgs 6/3/2015	Grid 6 2-6in bgs 6/3/2015	Grid 6 6-12in bgs 6/3/2015	Grid 6 12-24in bgs 6/3/2015	Grid 7 0-2in bgs 6/3/2015	Grid 7 2-6in bgs 6/3/2015	Grid 7 6-12in bgs 6/3/2015	Grid 7 12-24in bgs 6/3/2015
Metals																														
Aluminum	7429-90-5	mg/kg	77000	--	1430	4540	1140	6430	3160	4330	3870	3610	1220	2920	2930	3840	3540	1460	2980	4330	4060	1210	2640	2910	4050	2790	4030	2720	4300	1710
Arsenic	7440-38-2	mg/kg	0.68	--	1.8	1.6	1.2	2.2	1.6	2	2.6	2	2.8	1.5	1.6	1.5	1.4	1.8	1.7	2.1	19.2	2.7	2	1	1.4	1.5	1.8	1.8	1.5	1.8
Barium	7440-39-3	mg/kg	15000	--	31.8	31.5	40.1	42.1	29.6	40.3	34.6	31.8	65	57.3	50.4	46.3	44	56.5	62.4	49.5	157	120	41.9	36	45.8	43.7	37.6	36.6	39.5	44.9
Beryllium	7440-41-7	mg/kg	160	--	0.43 U	0.46 U	0.43 U	0.46	0.43 U	0.38	0.58 U	0.52 U	0.79	0.58 U	0.58 U	0.53 U	0.6 U	0.48	0.52 U	0.81	2.1	0.48	0.56 U	0.51 U	0.49 U	0.47 U	0.59 U	0.59 U	0.58 U	0.52 U
Calcium	7440-70-2	mg/kg	NP	--	1110	945	1500	922	1800	2270	1510	826	747	1860	2110	1810	2670	1010	1610	1310	915	488	4310	2810	1170	499	1880	970	723	809
Chromium	7440-47-3	mg/kg	NP	--	9.6	10.6	11.1	14.9	9.4	12.1	12.8	12.8	22.9	9.6	8.7	8.8	10	13.3	10.8	15.3	95	21.7	7.2	7.2	8.7	12.8	8.9	9.6	10.7	14.2
Cobalt	7440-48-4	mg/kg	23	--	1.8	1.6	1.6	1.9	1.7	2.3	2.2	1.8	6	2	1.7	1.7	1.6	3.6	1.7	41.2	10.9	8.4	1.8	1.2	2.1	1.5	1.9	1.8	1.5	2.2
Copper	7440-50-8	mg/kg	3100	--	4	3.8	4.2	4.5	4.3	5	4.7	4.3	7.7	7.6	7.4	5.4	4	4.7	5.4	5.7	11.7	6.3	5	3.7	3.9	3.4	4	3.7	4.3	3.9
Iron	7439-89-6	mg/kg	55000	--	6260	6630	8910	20000	5980	10300	7160	6210	32000	5360	6110	5660	5310	7100	5700	6010	1820	9630	4790	4750	5360	6140	6250	5180	7290	9170
Lead	7439-92-1	mg/kg	400	--	9	8.3	3.8	2.5	8.2	9.4	8.4	4.7	5.3	55.7	35.3	31.4	45.9	14.5	14.1	6.9	12.5	4	21.4	9.9	8.8	4	10.4	11.1	6.1	3.6
Magnesium	7439-95-4	mg/kg	NP	--	502	641	973	743	597	957	665	552	763	614	661	595	592	636	621	617	559	632	1790	1280	680	458	669	490	497	625
Manganese	7439-96-5	mg/kg	1800	--	127.1	69.4	72.1	1040	103.7	129	207.1	14.8	1800	203.7	218.7	169	132	113	242.7	116.1	102.1	110.1	260.1	263.1	147.1	115.1	156.1	107	81.7	55.7
Mercury	7439-97-6	mg/kg	5.6	--	0.0071 U	0.0059 U	0.0056 U	0.1 U	0.0077 U	0.006 U	0.008 U	0.0036 U	0.0038 U	0.018 U	0.018 U	0.015 U	0.012 U	0.0042 U	0.013 U	0.012 U	0.0051 U	0.11 U	0.018 U	0.01 U	0.0095 U	0.11 U	0.0091 U	0.011 U	0.0045 U	0.0041 U
Nickel	7440-02-0	mg/kg	1600	--	5.1	5.4	5.4	7.4	5.8	11.2	7.7	6.1	16.9	4.7	4.3	4.1	4.3	5	5	32.4	31	8.5	3.5	3.1	4.1	6.4	4.6	4.1	4.7	7.1
Potassium	7440-09-7	mg/kg	NP	--	718	724	634	711	668	932	659	537	528	713	707	597	492 U	606	740	624	491 U	531	513	498	591	498	686	412 U	492 U	494
Selenium	7782-49-2	mg/kg	390	--	2.2 U	2.3 U	2.2 U	0.29 U	0.26 U	2.3 U	2.9 U	2.6 U	2.2 U	2.3 U	2.2 U	0.31 U	0.3 U	2.2 U	0.33 U	0.47 U	0.46 U	2.3 U	2.6 U	2.5 U	2.5 U	2.4 U	0.39 U	2.6 U	3 U	2.5 U
Vanadium	7440-62-2	mg/kg	390	--	11.7	12.6	15.4	18.7	10.6	16.3	14.2	13.5	29.9	12.4	11.3	11.8	13.1	19.4	13.2	27.3	52.2	21.4	9.6	9.4	12.6	15.3	11.6	12.6	14.7	18.3
Zinc	7440-66-6	mg/kg	23000	--	31.1	6.3 J	6.8 J	5.4 J	16.1 J	16.8 J	11.7 J	7.1 J	9.2 J	37.4 J	48 J	21.5	8.6	9.4	26.7 J	9.9 J	8.4 J	7 J	35.3 J	15.4 J	11.8 J	6.8 J	20 J	24.9	8.6	7.9
Poly/Chlorinated Biphenyls (None Detected)																														
Pesticides																														
4,4'-DDD	72-54-8	mg/kg	2.3	--	0.00022 U	0.00003 U	0.0038 U	0.000045 U	0.00022 U	0.00011 U	0.00079 U	0.00006 U	0.00011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0002 U	0.00007 U	0.00051 U	0.00026 U	0.00043 U	0.00094 U	0.0011 U	0.00095 U	0.00017 U	0.00014 U	0.00016 U	0.00021 U	0.0018 U
4,4'-DDE	72-55-9	mg/kg	2	--	0.00037 U	0.00079 U	0.0038 U	0.00007 U	0.00015 U	0.00013 U	0.00019 U	0.00011 U	0.0038 U	0.0012 U	0.0018 U	0.00018 U	0.00031 U	0.00006 U	0.00047 U	0.0009 U	0.00033 U	0.0038 U	0.00036 U	0.00013 U	0.00015 U	0.00016 U	0.0012 U	0.00011 U	0.00015 U	0.00015 U
4,4'-DDT	50-29-3	mg/kg	1.9	--	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.0041 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.00036 U	0.00017 U	0.0019 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U	0.0042 U	0.00009 U	0.0039 U	0.0038 U
Aldrin	309-00-2	mg/kg	0.039	--	0.00013 U	0.0012 U	0.0019 U	0.0012 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0019 U	0.0013 U	0.00018 U	0.00018 U	0.00006 U	0.0012 U	0.00006 U	0.0013 U	0.0019 U	0.0012 U	0.00012 U	0.00015 U	0.00015 U	0.00012 U	0.00012 U	0.0012 U	0.0012 U	0.0012 U
Beta-BHC	319-85-7	mg/kg	0.3	--	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.00003 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.00003 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.00003 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Dieldrin	60-57-1	mg/kg	0.039	--	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.0041 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.00018 U	0.00016 U	0.00015 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.00026 U	0.00015 U
Endosulfan I	33213-65-9	mg/kg	NP	--	0.00011 U	0.0004 U	0.00017 U	0.0011 U	0.00014 U	0.000079 U	0.0013 U	0.000086 U	0.000087 U	0.0007 U	0.00011 U	0.0009 U	0.000022 U	0.000003 U	0.00041 U	0.00018 U	0.00022 U	0.0018 U	0.00006 U	0.00003 U	0.0011 U	0.00018 U	0.000042 U	0.0019 U	0.0009 U	0.0018 U
Endosulfan sulfate	1031-07-8	mg/kg	NP	--	0.0041 U	0.00003 U	0.0038 U	0.00003 U	0.0043 U	0.00011 U	0.0041 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0039 U	0.00013 U	0.0018 U	0.00003 U	0.0038 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.00018 U	0.0038 U
Endrin	72-20-8	mg/kg	18	--	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.0041 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0013 U	0.0013 U	0.0018 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0039 U	0.0039 U	0.0042 U	0.0039 U	0.0014 U	0.0038 U
Endrin aldehyde	7421-93-4	mg/kg	NP	--	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.0041 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.00013 U	0.00013 U	0.00007 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U
Endrin ketone (Endolfan)	53494-70-5	mg/kg	NP	--	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.0041 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.00013 U	0.00013 U	0.0018 U	0.0042 U	0.0039 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U	0.0042 U	0.0038 U	0.0038 U	0.0038 U
Heptachlor	76-44-8	mg/kg	0.13	--	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.00018 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.00022 U	0.002 U
Heptachlor epoxide	1024-57-3	mg/kg	0.07	--	0.0021 U	0.002 U	0.0019 U	0.0019 U	0.0022 U	0.0022 U	0.0021 U	0.002 U	0.0019 U	0.0021 U	0.0021 U	0.00018 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.0019 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U	0.0022 U	0.002 U	0.002 U	0.002 U
Methoxychlor	72-43-5	mg/kg	310	--	0.00012 U	0.00023 U	0.019 U	0.00044 U	0.00071 U	0.00007 U	0.00008 U	0.00005 U	0.019 U	0.00044 U	0.00047 U	0.02 U	0.02 U	0.00058 U	0.00008 U	0.02 U	0.019 U	0.00007 U	0.00003 U	0.02 U	0.02 U	0.00005 U	0.00003 U	0.00007 U	0.02 U	0.02 U
Semi-Volatile Organic Compounds																														
PCB-Polychlorinated Biphenyls																														
Aroclor-1016	12674-11-2	mg/kg	39	--	0.23 U	0.13 U	0.104 U	0.04 U	0.23 U	0.23 U	0.08	0.13 U	0.093 U	0.041 U	0.037 U	0.48 U	0.03 U	0.3 U	0.03 U	0.47	0.073 U	0.03 U	0.036 U	0.16 U	0.03 U	0.036 U	0.16 U	0.04 U	0.04 U	0.03 U
Semi-volatile Organic Compounds (SIM)																														
2-Methylnaphthalene	91-57-6	mg/kg	240	--	0.004 U	0.004 U	0.0036 U	0.0038 U	0.0043 U	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0037 U	0.0037 U	0.0033 U	0.0037 U	0.0039 U	0.0039 U	0.0033 U	0.0038 U	0.0038 U	0.005	0.0065	0.0039 U	0.0038 U	0.0033 U	0.0032 U	0.004 U	0.0039 U
Acenaphthene	208-96-8	mg/kg	NP	--	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0039 U	0.0042 U	0.0033 U	0.0037 U	0.0038 U	0.00712 U	0.0039	0.0039 U	0.0038 U	0.0042 U	0.00412 U	0.004 U	0.0039 U
Acenaphthylene	208-96-8	mg/kg	1800	--	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0039 U	0.0042 U	0.0033 U	0.0037 U	0.0038 U	0.0051 U	0.0054	0.0039 U	0.0038 U	0.0042 U	0.00371 U	0.004 U	0.0039 U
Anthracene	120-12-7	mg/kg	18000	--	0.004 U	0.004 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0041 U	0.0041 U	0.0038 U	0.0038 U	0.0039 U	0.0042 U	0.0033 U	0.0037 U	0.0038 U	0.0051 U	0.0054	0.0039 U	0.0038 U	0.0042 U	0.00371 U	0.004 U	0.0039 U
Benzo(a)anthracene	56-55-3	mg/kg	0.15	--	0.00341 U	0.0022 U	0.0038 U	0.0038 U	0.0022 U	0.0025 U	0.00196 U	0.00098 U	0.00441 U	0.0071	0.0091	0.0053 J	0.0039 U	0.0039 U	0.0051	0.0092	0.0032 U	0.0038 U	0.019	0.019	0.0039 U	0.0038 U	0.0031 U	0.0061 J	0.004 U	0.0039 U
Benzo(a)pyrene	50-32-8	mg/kg	0.015	--	0.00371 U	0.0016 U	0.0038 U	0.00102 U	0.0019 U	0.0012 U	0.00193 U	0.00111 U	0.0031 U	0.0065	0.007	0.0046 J	0.0039 U	0.0039 U	0.0046	0.0056	0.0032 U	0.0038 U	0.0052 U	0.0038 U	0.0039 U	0.0037 U	0.0031 U	0.005 J	0.004 U	0.0039 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.15	--	0.0041 U	0.0023 U	0.0038 U	0.0038 U	0.0039 U	0.0031 U	0.0032 U	0.001 U	0.00472 U	0.011	0.012	0.0072 J	0.0032 U	0.0039 U	0.0099	0.013	0.0036 U	0.0038 U	0.026	0.019	0.0039 U	0.0038 U	0.00393 U	0.0046	0.0041 J	0.004 U	0.0039 U
Benzo(k)fluoranthene	191-24-2	mg/kg	NP	--	0.0014 U	0.0011 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.0041 U	0.0039 U	0.0038 U	0.0046	0.0072	0.0018 U	0.0019 U	0.0039 U	0.0068	0.0077 U	0.0038 U	0.0038 U	0.012	0.009	0.0039 U	0.0038 U	0.0024 U	0.0028 U	0.004 U	0.0039 U
Benzo(ghi)perylene	207-08-9	mg/kg	1.5	--	0.00085 U	0.003 U	0.0038 U	0.0038 U	0.0043 U	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0015 U	0.0016 U	0.0018 U	0.0038 U	0.0039 U	0.0023 U	0.0015 U	0.0037 U	0.0038 U	0.0068	0.0076	0.0039 U	0.0038 U	0.0011 U	0.00141 U	0.004 U	0.0039 U
Chrysene	218-01-9	mg/kg	15	--	0.0075	0.0037	0.00087 U	0.0038 U	0.0049	0.0049	0.0054	0.0014 U	0.0031 U	0.014	0.015	0.0089 J	0.0041	0.0039 U	0.0091	0.014	0.0049	0.0038 U	0.015	0.01	0.0039 U	0.0014 U	0.0059	0.014 J	0.0014 U	0.0039 U
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.015	--	0.00095 U	0.001 U	0.0038 U	0.0038 U	0.0043 U	0.00093 U	0.001 U	0.0009 U	0.0011 U	0.0013 U	0.0013 U	0.0032 U	0.0013 U	0.0039 U	0.0019 U	0.0013 U	0.0037 U	0.0038 U	0.0053	0.0054	0.0039 U	0.0038 U	0.00091 U	0.00171 U	0.004 U	0.0039 U
Fluoranthene	206-44-0	mg/kg	2400	--	0.0011 U	0.0018 U	0.0038 U	0.0038 U	0.0022 U	0.0025 U	0.0022 U	0.0006 U	0.0011 U	0.0098	0.009	0.0042 J	0.0027 U	0.0039 U	0.006	0.0091	0.0017 U	0.0038 U	0.023	0.018	0.0039 U	0.0038 U	0.0011 U	0.0068 J	0.004 U	0.0039 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.15	--	0.0021 U	0.0015 U	0.0038 U	0.0038 U	0.0018 U	0.002 U	0.002 U	0.0019 U	0.0011 U	0.0065	0.0071	0.0043 J	0.0019 U	0.0039 U	0.0075	0.0068	0.0016 U	0.0038 U	0.016	0.018	0.0039 U	0.0038 U	0.0028 U	0.0047 J	0.004 U	0.0039 U
Naphthalene	91-20-3	mg/kg	3.8	--	0.004 U	0.004 U	0.0038 U	0.00038 U	0.0043 U	0.0042 U	0.004 U	0.0039 U	0.0038 U	0.0009 U	0.001 U	0.0018 U	0.0019 U	0.0039 U	0.0012 U	0.0011 U	0.0037 U	0.0038 U	0.00117 U	0.0039 U	0.0039 U	0.0038 U	0.00087 U	0.00111 U	0.004 U	0.0039 U
Phenanthrene	85-01-8	mg/kg	NP	--	0.0049	0.0034 U	0.0014 U	0.0038 U	0.0032 U	0.0036 U	0.0008	0.0011 U	0.0021 U	0.0065	0.011	0.0063 J	0.0043 J	0.0039 U	0.0049	0.0097	0.0033 U	0.0038 U	0.023	0.023	0.0039 U	0.0012 U	0.0051	0.0081 J	0.0019 U	0.0039 U
Pyrene	129-00-0	mg/kg	1800	--	0.0059	0.0039 U	0.0038 U	0.0038 U	0.0051 U	0.0045	0.0054	0.0014 U	0.0031 U	0.013	0.015	0.01 J	0.0067 J	0.0039 U	0.0084	0.014	0.0033 U	0.0038 U	0.035	0.032	0.0039 U	0.0038 U	0.0058	0.012 J	0.0014 U	0.0039 U
Volatile Organic Compounds																														
2-Butanone	78-93-3	mg/kg	27000	--	0.0056 U	0.011 U	0.012 U	0.0061 U	0.022	0.109	0.066	0.0098 U	0.0095 U	0.018 J	0.012 U	0.0097 U	0.0081 U	0.0081 U	0.013 U	0.023	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	0.0047 U	0.014	0.017	0.0097 U	0.0082 U
4-Methyl-2-Pentanone	108-10-1	mg/kg	5200	--	0.012 U	0.011 U	0.012 U	0.01 U	0.011 U	0.014 U	0.0083 U	0.0098 U	0.0095 U	0.0018 U	0.012 U	0.0097 U	0.011 U	0.011 U	0.013 U	0.00712 U	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.0097 U	0.0082 U
Acetone	67-64-1	mg/kg	61000	--	0.012 U	0.011 U	0.012 U	0.01 UM	0.052	0.14	0.1	0.0098 U	0.0095 U	0.21	0.012 U	0.0061 U	0.033	0.015	0.013 U	0.13	0.0096 U	0.0087 U	0.012 U	0.011 U	0.011 U	0.011 U	0.053	0.04	0.01	0.0088 U
Carbon disulfide	75-15-0	mg/kg	770	--	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.00038 U	0.00015 U	0.00019 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.0051 U	0.0048 U	0.0044 U	0.006 U	0.0054 U	0.0054 U	0.0053 U	0.0058 U	0.0053 U	0.0048 U	0.005 U
Ethylbenzene	100-41-4	mg/kg	5.8	--	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.0064 U	0.0076 U	0.00029 U	0.0049 U	0.0047 U	0.0061 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.00031 U	0.0048 U	0.0044 U	0.0003 U	0.0003 U	0.0053 U	0.0058 U	0.0053 U	0.0058 U	0.0053 U	0.005 U
n,p-Xylene	108-38-3/106-42-3	mg/kg	150	--	0.00032 U	0.00037 U	0.0058 U	0.00029 U	0.00041 U	0.00042 U	0.00051 U	0.00015 U	0.0047 U	0.00059 U	0.00022 U	0.00022 U	0.00022 U	0.0057 U	0.00036 U	0.00047 U	0.00035 U	0.00014 U	0.0061 U	0.0054 U	0.00019 U	0.0053 U	0.00014 U	0.0053 U	0.0048 U	0.005 U
o-Xylene	95-47-6	mg/kg	300	--	0.0058 U	0.0055 U	0.0058 U	0.0052 U	0.00034 U	0.00037 U	0.00037 U	0.0049 U	0.0047 U	0.00022 U	0.0058 U	0.0048 U	0.0053 U	0.0057 U	0.0063 U	0.00017 U	0.00035 U	0.0044 U	0.00014 U	0.0054 U	0.0053 U	0.00014 U	0.0053 U	0.0053 U	0.0048 U	0.005 U
Toluene	108-88-3	mg/kg	4900	--	0.00014 U	0.0037 U	0.0011 U	0.0013 U	0.0031 U	0.0024 U	0.0027 U	0.00037 U	0.00041 U	0.0052 U	0.0023 U	0.0018 U	0.0062	0.0075 U	0.0055 U	0.001 U	0.0024 U	0.00039 U	0.0079	0.001 U	0.00141 U	0.0007 U	0.017	0.00212 U	0.0013 U	0.00098 U

Highlighted cell exceeding screen value (EPA Residential Soil RSL

Yellow highlighted cells exceed RSL

U - Not detected at reported quantitation limit

J - Reported concentration is below the CRQL

mg/kg=milligrams per kilogram

NDxD- indicates a detected concentration

bgs-below ground surface

NL - Not Analyzed

NP - Not Published

J - Estimated Value

R - Unusable

SIM-selected ion monitoring

in-inches