Deepwater Response
Sediment Results

Analyte	Units	Deepwater Horizon Marine Sediment Screening Levels	CWI Benchmarks - Sediment Screening Chronic	0020-100604 T008-0020-100604-SD-1 6/4/2010 Field Sample	0021-100604 T008-0021-100604-SD-1 6/4/2010 Field Sample	0021-100604 T008-0021-100604-SD-2 6/4/2010 Field Duplicate	0022-100606 T008-0022-100606-SD-1 6/6/2010 Field Sample	0023-100606 T008-0023-100606-SD-1 6/6/2010 Field Sample	0024-100606 T008-0024-100606-SD-1 6/6/2010 Field Sample	0025-100606 T008-0025-100606-SD-1 6/6/2010 Field Sample	0026-100606 T008-0026-100606-SD-1 6/6/2010 Field Sample	0027-100606 T008-0027-100606-SD-1 6/6/2010 Field Sample	0028-100606 T008-0028-100606-SD-1 6/6/2010 Field Sample	0029-100607 T008-0029-100607-SD-1 6/7/2010 Field Sample	0030-100607 T008-0030-100607-SD-1 6/7/2010 Field Sample	0031-100607 T008-0031-100607-SD-1 6/7/2010 Field Sample	0032-100607 T008-0032-100607-SD-1 6/7/2010 Field Sample	0033-100608 T008-0033-100608-SD-1 6/8/2010 Field Sample	0034-100608 T008-0034-100608-SD-1 6/8/2010 Field Sample	0034-100608 T008-0034-100608-SD-2 6/8/2010 Field Sample	0035-100608 T008-0035-100608-SD-1 6/8/2010 Field Sample	0040-100609 T008-0040-100609-SD-1 6/9/2010 Field Sample	0041-100609 T008-0041-100609-SD-1 6/9/2010 Field Sample	T005-SC021-100601 T005-SC021-100601-SD-1 6/1/2010 Field Sample
Metals																							
Aluminum	mg/kg	0		**11000**	**1210**	**1690**	**24400**	**27500**	**31000**	**22500**	**32200**	**30500**	**30200**	**15500**	**15300**	**17400**	**12300**	**2470**	**2710**	**3450**	**3270**	**1070**	**1890**	**570**
Antimony	mg/kg	0		0.74 U	0.61 U	0.99 U	**0.81 J**	0.6 U	0.74 U	0.7 U	0.57 U	0.85 U	0.64 U	**0.23 B**	**0.23 B**	**0.58 B**	**0.13 B**	0.3 U	0.32 U	0.32 U	0.35 U	0.35 U	0.33 U	0.24 U
Arsenic	mg/kg	7.24		**10**	**3.4**	**4.3**	**7.9**	**8.6**	**9.4**	**10.2**	**6**	**10.4**	**6.7**	**5.1 J**	**3 J**	**11.1 J**	**5.1 J**	**3.9**	**3.7**	**4.8**	**2.3 J**	**2.3 J**	**2.2 J**	**0.79 J**
Barium	mg/kg	0		**81.2**	**12.4**	**13.9**	**136**	**202**	**187**	**72.7**	**92.8**	**96.1**	**90.9**	**52.7**	**209**	**125**	**40.1 J**	**18.8 J**	**41.5**	**35.4**	**40.3**	**8.7 J**	**34.8**	**34.9**
Beryllium	mg/kg	0		**1**	**0.13 J**	**0.2 J**	**1.2**	**1.2**	**1.4**	**1.1**	**1.3**	**1.5**	**1.2**	**1.1**	**0.38**	**1.1**	**0.86 J**	**0.18 J**	**0.17 J**	**0.24 J**	**0.18 J**	**0.073 J**	**0.12 J**	**0.018 J**
Cadmium	mg/kg	0.68		0.37 U	**0.122 J**	**0.094 J**	**0.45 J**	**0.47 J**	**0.53 J**	**0.45 J**	**0.27 J**	**0.52 J**	**0.51 J**	0.12 U	0.11 U	0.29 U	**0.13 J**	**0.055 J**	**0.09 J**	**0.11 J**	**0.13 J**	0.05 U	0.046 U	0.09 U
Calcium	mg/kg	0		**3910 J**	**21000 J**	**26000 J**	**4210**	**4800**	**4100**	**1480**	**2460**	**2140**	**4580**	**2380 J**	**2630 J**	**2500 J**	**2060 J**	**3820**	**1530**	**1520**	**6100**	**41400**	**7980**	**5660**
Chromium	mg/kg	52.3		**19.9**	**2.1**	**4.2**	**30.6**	**31.6**	**34.8**	**26.4**	**34.9**	**33.2**	**33.4**	**23.2**	**21.8**	**22.9**	**18**	**5.1**	**5.7**	**6.8**	**6.3**	**2**	**3.9**	**0.89 J**
Cobalt	mg/kg	0		**7.4**	**0.5 J**	**0.8**	**9.9 J**	**11.7**	**11.7 J**	**11.5 J**	**8.3**	**16.5**	**10.4**	**9.6**	**10**	**14.4**	**10.8**	**4.4 J**	**4.6 J**	**5.9 J**	**4.1 J**	**2.5 J**	**2.5 J**	**0.53 J**
Copper	mg/kg	18.7		**31.8**	**2 J**	**1.3 J**	**22.5**	**21**	**24.3**	**22.9**	**22.6**	**26.6**	**22.5**	**17.4**	**14.1**	**16.2**	**12.7**	**1.6 J**	**1.6 J**	**2 J**	**1.9 J**	**2.3 J**	**2.5 J**	**2.6**
Iron	mg/kg	0		**20300**	**6950**	**10300**	**27500**	**28500**	**31000**	**27300**	**26200**	**36100**	**26800**	**14800**	**23600**	**25900**	**20400**	**9280**	**9420**	**13200**	**8000**	**3790**	**6850**	**945**
Lead	mg/kg	30.2		**17.8**	**5.4**	**7.1**	**19.2**	**19.1**	**20.8**	**16.7**	**17.7**	**18**	**16.1**	**18.7**	**23.2**	**22.5**	**17.1**	**5.6**	**5.3**	**6.8**	**4.4**	**2.9**	**4.1**	**1.1**
Magnesium	mg/kg	0		**6400**	**1960**	**2150**	**8450**	**9220**	**10400**	**8600**	**9770**	**10700**	**9680**	**7120**	**6620**	**7790**	**7400**	**2090**	**2790**	**4120**	**4440**	**1090**	**2390**	**2000**
Manganese	mg/kg	0		**203 J**	**555 J**	**452 J**	**545**	**1150**	**1400**	**808**	**184**	**228**	**223**	**192**	**209**	**339**	**770**	**327**	**242**	**297**	**313**	**96.2 J**	**178 J**	**38.4**
Mercury	mg/kg	0.13		**0.049 J**	**0.011 J**	**0.012 J**	**0.066**	**0.059 J**	**0.077 J**	**0.053 J**	**0.065 J**	**0.057 J**	**0.057 J**	**0.032 J**	**0.052 J**	**0.07 J**	**0.028 J**	0.013 U	0.013 U	0.014 U	0.014 U	0.013 U	0.014 U	0.001 U
Nickel	mg/kg	15.9	20.9	**21.2**	**0.4 J**	**1.2 J**	**35.3**	**37.6**	**39.2**	**35.5**	**31.7**	**32.9**	**29.2**	**25.7**	**29.5**	**29.9**	**22.1**	**6.3**	**6.9**	**8.2**	**6.3**	**2.8 J**	**4.7 J**	**4.5**
Potassium	mg/kg	0		**6100 J**	**467 J**	**660 J**	**6210**	**6150**	**7120**	**5750**	**8320**	**7780**	**7540**	**4660**	**4090**	**4990**	**4800**	**1910 J**	**1500 J**	**1240**	**3270 J**	**499 J**	**644 J**	**348 J**
Selenium	mg/kg	0		1.5 U	**0.29 J**	0.2 U	0.64 U	0.75 U	0.87 U	0.83 U	0.68 U	1 U	0.75 U	**0.56 J**	**0.48 J**	1.2 U	0.27 U	0.33 U	0.38 U	0.4 U	0.41 U	0.41 U	0.4 U	0.22 U
Silver	mg/kg	0.73		0.37 U	0.03 U	0.05 U	**0.088 J**	0.086 U	0.11 U	0.1 U	0.083 U	0.13 U	0.092 U	0.12 U	0.11 U	0.29 U	0.27 U	0.048 U	0.047 U	**0.072 J**	**0.079 J**	**0.049 J**	0.048 U	0.072 U
Sodium	mg/kg	0		**4970**	**1920**	**1110**	**5270**	**6670**	**11200**	**9020**	**7000**	**14300**	**10300**	**11500**	**8210**	**7770**	**6960**	**1930**	**1580**	**1790**	**1820**	**2100**	**1960**	**4580**
Thallium	mg/kg	0		**0.35 J**	0.5 U	0.99 U	0.58 U	0.64 U	**0.79 J**	**0.78 J**	0.61 U	0.9 U	0.68 U	0.35 U	**0.32 J**	0.15 U	0.13 U	0.36 U	0.35 U	0.36 U	0.37 U	0.37 U	0.36 U	0.45 U
Vanadium	mg/kg	0	57	**35.2**	**5**	**8.9 J**	**48.3**	**52.6**	**59.6**	**49.8**	**56.7**	**61.1**	**47.8**	**36.4**	**38**	**35.3**	**29.5**	**10.2**	**10.3**	**12.8**	**10**	**3.4 J**	**6.6**	**2 J**
Zinc	mg/kg	124		**68.9**	**27.1**	**41.7**	**86.9**	**92.1**	**96.4**	**87.1**	**85.4**	**118**	**95.2**	**52.1**	**67.1**	**92.7**	**49.4**	**34.3**	**35.5**	**44.9**	**29.7**	**17.2 J**	**22.3 J**	**5.6**
GRO																							
M&M Oil and Grease	mg/kg			98 U	57 U	58 U	**677 J**	660 U	920 U	710 U	**732 J**	**1910 J**	**1510 J**	130 U	120 U	92 U	86 U	**128 J**	97 U	83 U	88 U	36 U	**109 J**	**580000**
SVOCs																							
1,2,4-Trichlorobenzene	mg/kg	0.473		0.075 U	0.04 U	0.041 U	0.015 U	0.017 U	0.021 U	0.02 U	0.016 U	0.023 U	0.019 U	0.087 U	0.075 U	0.061 U	0.057 U	0.0003 U	0.0006 U	0.0004 U	0.0006 U	0.0003 U	0.0004 U	0.032 U
1,2-Dichlorobenzene	mg/kg	0.689		0.15 U	0.081 U	0.081 U	0.031 U	0.034 U	0.042 U	0.039 U	0.032 U	0.05 U	0.02 U	0.17 U	0.15 U	0.12 U	0.11 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.064 U
1,3-Dichlorobenzene	mg/kg	0.842		0.15 U	0.081 U	0.081 U	0.016 U	0.017 U	0.022 U	0.02 U	0.016 U	0.023 U	0.019 U	0.17 U	0.15 U	0.12 U	0.11 U	0.0094 U	0.0094 U	0.0094 U	0.0095 U	0.0096 U	0.0095 U	0.032 U
1,4-Dichlorobenzene	mg/kg	0.46		0.15 U	0.081 U	0.081 U	0.013 U	0.014 U	0.018 U	0.016 U	0.014 U	0.019 U	0.015 U	0.17 U	0.15 U	0.12 U	0.11 U	0.00793 U	0.00793 U	0.00793 U	0.008 U	0.00781 U	0.008 U	0.027 U
2,4,5-Trichlorophenol	mg/kg	0.869		0.075 U	0.04 U	0.041 U	0.067 U	0.075 U	0.094 U	0.085 U	0.07 U	0.1 U	0.081 U	0.087 U	0.075 U	0.061 U	0.057 U	0.041 U	0.041 U	0.041 U	0.042 U	0.041 U	0.041 U	0.14 U
2,4,6-Trichlorophenol	mg/kg	2.65		0.075 U	0.04 U	0.041 U	0.064 U	0.061 U	0.076 U	0.069 U	0.057 U	0.086 U	0.067 U	0.087 U	0.075 U	0.061 U	0.057 U	0.033 U	0.034 U	0.033 U	0.034 U	0.033 U	0.033 U	0.11 U
2,6-Dichlorophenol	mg/kg	0		0.075 U	0.04 U	0.041 U	0.093 U	0.1 U	0.13 U	0.12 U	0.098 U	0.14 U	0.11 U	0.087 U	0.075 U	0.061 U	0.057 U	0.056 U	0.057 U	0.057 U	0.058 U	0.057 U	0.057 U	0.19 U
2,4-Dimethylphenol	mg/kg	0		0.082 U	0.04 U	0.041 U	0.087 U	0.1 U	0.14 U	0.12 U	0.1 U	0.14 U	0.12 U	0.094 U	0.081 U	0.067 U	0.062 U	0.059 U	0.06 U	0.062 U	0.059 U	0.06 U	0.059 U	0.2 U
2,4-Dinitrophenol	mg/kg	0		0.75 U	0.4 U	0.41 U	0.71 U	0.79 U	0.098 U	0.09 U	0.074 U	0.11 U	0.085 U	0.87 U	0.75 U	0.61 U	0.57 U	0.043 U	0.043 U	0.043 U	0.044 U	0.043 U	0.043 U	0.15 U
2,4-Dinitrotoluene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.028 U	0.028 U	0.035 U	0.03 U	0.027 U	0.038 U	0.031 U	0.087 U	0.075 U	0.061 U	0.057 U	0.015 U	0.016 U	0.015 U	0.016 U	0.015 U	0.016 U	0.057 U
2,6-Dinitrotoluene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.022 U	0.025 U	0.031 U	0.028 U	0.023 U	0.033 U	0.027 U	0.087 U	0.075 U	0.061 U	0.057 U	0.013 U	0.013 U	0.013 U	0.014 U	0.013 U	0.013 U	0.046 U
2-Chloronaphthalene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.018 U	0.02 U	0.025 U	0.023 U	0.019 U	0.027 U	0.022 U	0.087 U	0.075 U	0.061 U	0.057 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.037 U
2-Chlorophenol	mg/kg	0.344		0.075 U	0.04 U	0.041 U	0.059 U	0.065 U	0.082 U	0.074 U	0.061 U	0.088 U	0.071 U	0.087 U	0.075 U	0.061 U	0.057 U	0.035 U	0.036 U	0.036 U	0.036 U	0.035 U	0.036 U	0.12 U
2-Methylnaphthalene	mg/kg	0.0202		0.075 U	0.04 U	0.041 U	0.0017 U	0.0019 U	0.0024 U	0.0021 U	0.0018 U	0.0026 U	0.0021 U	0.087 U	0.075 U	0.061 U	0.057 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0038 U
2-Methylphenol	mg/kg	0		0.075 U	0.04 U	0.041 U	0.06 U	0.074 U	0.092 U	0.084 U	0.069 U	0.099 U	0.081 U	0.087 U	0.075 U	0.061 U	0.057 U	0.04 U	0.04 U	0.04 U	0.041 U	0.04 U	0.04 U	0.14 U
2-Nitroaniline	mg/kg	0		0.15 U	0.081 U	0.081 U	0.026 U	0.028 U	0.036 U	0.033 U	0.027 U	0.038 U	0.031 U	0.17 U	0.15 U	0.12 U	0.11 U	0.015 U	0.014 U	0.016 U	0.016 U	0.015 U	0.016 U	0.053 U
2-Nitrophenol	mg/kg	0		0.075 U	0.04 U	0.041 U	0.064 U	0.075 U	0.094 U	0.085 U	0.069 U	0.099 U	0.074 U	0.087 U	0.075 U	0.061 U	0.057 U	0.037 U	0.038 U	0.038 U	0.038 U	0.037 U	0.037 U	0.13 U
3&4-Methylphenol	mg/kg	0		0.075 U	0.04 U	0.041 U	0.061 U	0.074 U	0.092 U	0.084 U	0.069 U	0.099 U	0.082 U	0.087 U	0.075 U	0.061 U	0.057 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.15 U
3,3'-Dichlorobenzidine	mg/kg	2.06		0.15 U	0.081 U	0.081 U	0.015 U	0.017 U	0.021 U	0.019 U	0.015 U	0.023 U	0.018 U	0.17 U	0.15 U	0.12 U	0.11 U	0.0089 U	0.0089 U	0.009 U	0.009 U	0.0089 U	0.009 U	**0.63 B**
3-Nitroaniline	mg/kg	0		0.15 U	0.081 U	0.081 U	0.021 U	0.026 U	0.032 U	0.029 U	0.024 U	0.035 U	0.028 U	0.17 U	0.15 U	0.12 U	0.11 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	**0.068 B**
4,6-Dinitro-o-cresol	mg/kg	0		0.75 U	0.4 U	0.41 U	0.071 U	0.08 U	0.098 U	0.09 U	0.074 U	0.11 U	0.085 U	0.87 U	0.75 U	0.61 U	0.57 U	0.041 U	0.042 U	0.042 U	0.042 U	0.041 U	0.042 U	0.15 U
4-Bromophenyl phenyl ether	mg/kg	0		0.075 U	0.04 U	0.041 U	0.021 U	0.023 U	0.029 U	0.027 U	0.022 U	0.032 U	0.025 U	0.087 U	0.075 U	0.061 U	0.057 U	0.013 U	0.013 U	0.013 U	0.013 U	0.013 U	0.013 U	0.043 U
4-Chloro-3-methyl phenol	mg/kg	0		0.075 U	0.04 U	0.041 U	0.018 U	0.021 U	0.026 U	0.024 U	0.019 U	0.028 U	0.022 U	0.087 U	0.075 U	0.061 U	0.057 U	0.015 U	0.015 U	0.015 U	0.016 U	0.015 U	0.015 U	0.05 U
4-Chloroaniline	mg/kg	0		0.075 U	0.04 U	0.041 U	0.019 U	0.021 U	0.026 U	0.024 U	0.019 U	0.028 U	0.022 U	0.087 U	0.075 U	0.061 U	0.057 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.038 U
4-Chlorophenyl phenyl ether	mg/kg	0		0.075 U	0.04 U	0.041 U	0.017 U	0.019 U	0.024 U	0.022 U	0.018 U	0.026 U	0.021 U	0.087 U	0.075 U	0.061 U	0.057 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.036 U
4-Nitroaniline	mg/kg	0		0.15 U	0.081 U	0.081 U	0.023 U	0.025 U	0.031 U	0.029 U	0.024 U	0.034 U	0.027 U	0.17 U	0.15 U	0.12 U	0.11 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.047 U
4-Nitrophenol	mg/kg	0		0.75 U	0.4 U	0.41 U	0.088 U	0.1 U	0.14 U	0.12 U	0.1 U	0.15 U	0.12 U	0.87 U	0.75 U	0.61 U	0.57 U	0.059 U	0.06 U	0.06 U	0.059 U	0.06 U	0.059 U	0.2 U
Acenaphthene	mg/kg	0.00671		0.15 U	0.081 U	0.081 U	0.00878 U	0.00087 U	0.0011 U	0.000999 U	0.000802 U	0.0012 U	0.00094 U	0.17 U	0.15 U	0.12 U	0.11 U	0.00047 U	0.00048 U	0.00048 U	0.00048 U	0.00047 U	0.00048 U	0.0016 U
Acenaphthylene	mg/kg	0.00587		0.15 U	0.081 U	0.081 U	0.0017 U	0.0019 U	0.0023 U	0.0021 U	0.0018 U	0.0025 U	0.002 U	0.17 U	0.15 U	0.12 U	0.11 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0035 U
Anthracene	mg/kg	0.0469		0.075 U	0.04 U	0.041 U	0.00659 U	0.00066 U	0.00082 U	0.00075 U	0.00062 U	0.00089 U	0.00071 U	0.087 U	0.075 U	0.061 U	0.057 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.0012 U
Benzo(a)anthracene	mg/kg	0.0748		0.08 U	0.04 U	0.041 U	0.00077 U	0.00085 U	0.0011 U	0.00097 U	0.0008 U	0.0011 U	0.00092 U	0.087 U	0.075 U	0.061 U	0.057 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U	0.00047 U	0.00047 U	0.0015 U
Benzo(a)pyrene	mg/kg	0.0888		0.03 U	0.016 U	0.016 U	0.00087 U	0.00097 U	0.0012 U	0.0011 U	0.00091 U	0.0013 U	0.001 U	0.035 U	0.03 U	0.024 U	0.023 U	0.00053 U	0.00053 U	0.00053 U	0.00054 U	0.00053 U	0.00053 U	**1.12**
Benzo(b)fluoranthene	mg/kg	0		0.03 U	0.016 U	0.016 U	0.0019 U	0.00219 U	0.0024 U	0.0016 U	0.0019 U	0.0024 U	0.0024 U	0.035 U	0.03 U	0.024 U	0.023 U	0.00017 U	0.00017 U	0.00017 U	0.00018 U	0.00017 U	0.00017 U	0.0059 U
Benzo(g,h,i)perylene	mg/kg	0		0.03 U	0.016 U	0.016 U	0.0022 U	0.0024 U	0.0031 U	0.0028 U	0.0023 U	0.0033 U	0.0026 U	0.035 U	0.03 U	0.024 U	0.023 U	0.00013 U	0.00013 U	0.00013 U	0.00014 U	0.00013 U	0.00013 U	0.0045 U
Benzo(k)fluoranthene	mg/kg	0		0.03 U	0.016 U	0.016 U	0.00143 U	0.00159 U	0.0019 U	0.00168 U	0.00147 U	0.0021 U	0.0017 U	0.035 U	0.03 U	0.024 U	0.023 U	0.00084 U	0.00084 U	0.00084 U	0.00088 U	0.00084 U	0.00084 U	0.0029 U
Benzoic acid	mg/kg	0		0.75 U	0.4 U	0.41 U	0.11 U	0.12 U	0.15 U	0.13 U	0.11 U	0.16 U	0.13 U	0.87 U	0.75 U	0.61 U	0.57 U	0.064 U	0.064 U	0.064 U	0.065 U	0.064 U	0.064 U	0.22 U
Benzyl Alcohol	mg/kg	0		0.075 U	0.04 U	0.041 U	0.024 U	0.027 U	0.033 U	0.031 U	0.025 U	0.036 U	0.029 U	0.087 U	0.075 U	0.061 U	0.057 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.049 U
bis(2-Chloroethoxy)methane	mg/kg	0		0.075 U	0.04 U	0.041 U	0.023 U	0.025 U	0.031 U	0.029 U	0.024 U	0.034 U	0.027 U	0.087 U	0.075 U	0.061 U	0.057 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.048 U
bis(2-Chloroethyl)ether	mg/kg	0		0.075 U	0.04 U	0.041 U	0.017 U	0.019 U	0.024 U	0.022 U	0.018 U	0.026 U	0.021 U	0.087 U	0.075 U	0.061 U	0.057 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.036 U
bis(2-Chloroisopropyl)ether	mg/kg	0		0.075 U	0.04 U	0.041 U	0.019 U	0.021 U	0.027 U	0.025 U	0.021 U	0.029 U	0.023 U	0.087 U	0.075 U	0.061 U	0.057 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.031 U
bis(2-Ethylhexyl)phthalate	mg/kg	0		0.37 U	0.2 U	0.2 U	0.053 U	0.057 U	0.071 U	0.065 U	0.054 U	0.077 U	0.062 U	0.44 U	0.38 U	0.3 U	0.28 U	0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	0.11 U
bis(2-Ethylhexyl)phthalate	mg/kg	0.182		0.37 U	0.2 U	0.2 U	0.051 U	0.057 U	0.071 U	0.065 U	0.054 U	0.077 U	0.062 U	0.44 U	0.38 U	0.3 U	0.28 U	0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	0.11 U
Butyl benzyl phthalate	mg/kg	96.8		0.15 U	0.081 U	0.081 U	0.024 U	0.027 U	0.047 U	0.043 U	0.035 U	0.05 U	0.04 U	0.17 U	0.15 U	0.12 U	0.11 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.069 U
Carbazole	mg/kg			0.075 U	0.04 U	0.041 U	0.027 U	0.03 U	0.037 U	0.034 U	0.028 U	0.04 U	0.032 U	0.087 U	0.075 U	0.061 U	0.057 U	0.016 U	0.017 U	0.016 U	0.017 U	0.016 U	0.016 U	0.055 U
Chrysene	mg/kg	0.108		0.03 U	0.016 U	0.016 U	0.00078 U	0.00087 U	0.0011 U	0.000999 U	0.00082 U	0.0012 U	0.00094 U	0.035 U	0.03 U	0.024 U	0.023 U	0.00047 U	0.00048 U	0.00048 U	0.00048 U	0.00047 U	0.00048 U	**6.38 J**
Dibenzo(a,h)anthracene	mg/kg	0.00622		0.03 U	0.016 U	0.016 U	0.0014 U	0.0017 U	0.0021 U	0.0021 U	0.0017 U	0.0023 U	0.002 U	0.035 U	0.03 U	0.024 U	0.023 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U
Dibenzofuran	mg/kg	2.3		0.075 U	0.04 U	0.041 U	0.017 U	0.019 U	0.024 U	0.022 U	0.018 U	0.026 U	0.021 U	0.087 U	0.075 U	0.061 U	0.057 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U	0.01 U	0.035 U
Diethyl phthalate	mg/kg	0.218		0.37 U	0.2 U	0.2 U	0.02 U	0.02 U	0.028 U	0.025 U	0.021 U	0.03 U	0.024 U	0.44 U	0.38 U	0.3 U	0.28 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.041 U
Dimethyl phthalate	mg/kg	0		0.15 U	0.081 U	0.081 U	0.02 U	0.023 U	0.028 U	0.026 U	0.021 U	0.031 U	0.025 U	0.17 U	0.15 U	0.12 U	0.11 U	0.012 U	0.012 U	0.012 U	0.013 U	0.012 U	0.012 U	**0.253**
Di-n-butyl phthalate	mg/kg	1.16		0.15 U	0.081 U	0.081 U	0.021 U	0.024 U	0.028 U	0.026 U	0.021 U	0.031 U	0.026 U	0.17 U	0.15 U	0.12 U	0.11 U	0.0078 U	0.0078 U	0.0078 U	0.0079 U	0.0078 U	0.0078 U	0.027 U
Di-n-octyl phthalate	mg/kg	0		0.15 U	0.081 U	0.081 U	0.028 U	0.031 U	0.039 U	0.036 U	0.03 U	0.043 U	0.034 U	0.17 U	0.15 U	0.12 U	0.11 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.058 U
Fluoranthene	mg/kg	0.113		0.075 U	0.04 U	0.041 U	0.00057 U	0.00064 U	0.0008 U	0.00073 U	0.00058 U	0.0009 U	0.00069 U	0.087 U	0.075 U	0.061 U	0.057 U	0.00035 U	0.00035 U	0.00035 U	0.00035 U	0.00035 U	0.00035 U	0.0012 U
Fluorene	mg/kg	0.0212		0.15 U	0.081 U	0.081 U	0.00071 U	0.00079 U	0.0009 U	0.000911 U	0.00075 U	0.001 U	0.00086 U	0.17 U	0.15 U	0.12 U	0.11 U	0.00043 U	0.00043 U	0.00043 U	0.00043 U	0.00043 U	0.00043 U	**0.169**
Hexachlorobenzene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.019 U	0.021 U	0.026 U	0.024 U	0.02 U	0.028 U	0.023 U	0.087 U	0.075 U	0.061 U	0.057 U	0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.012 U	0.039 U
Hexachlorobutadiene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.016 U	0.018 U	0.022 U	0.02 U	0.017 U	0.024 U	0.019 U	0.087 U	0.075 U	0.061 U	0.057 U	0.0097 U	0.0098 U	0.0098 U	0.009 U	0.0098 U	0.0098 U	0.032 U
Hexachlorocyclopentadiene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.053 U	0.058 U	0.072 U	0.075 U	0.062 U	0.08 U	0.071 U	0.087 U	0.075 U	0.061 U	0.057 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.12 U
Hexachloroethane	mg/kg	0.804		0.15 U	0.1 U	0.1 U	0.016 U	0.018 U	0.022 U	0.02 U	0.017 U	0.024 U	0.019 U	0.22 U	0.19 U	0.15 U	0.14 U	0.0097 U	0.0098 U	0.0098 U	0.009 U	0.0098 U	0.0098 U	0.032 U
Indeno(1,2,3-cd)pyrene	mg/kg	0		0.03 U	0.016 U	0.016 U	0.0023 U	0.0026 U	0.0032 U	0.0029 U	0.0024 U	0.0034 U	0.0028 U	0.035 U	0.03 U	0.024 U	0.023 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0047 U
Isophorone	mg/kg	0		0.075 U	0.04 U	0.041 U	0.018 U	0.017 U	0.023 U	0.02 U	0.016 U	0.023 U	0.019 U	0.087 U	0.075 U	0.061 U	0.057 U	0.0094 U	0.0094 U	0.0094 U	0.009 U	0.0094 U	0.0094 U	0.032 U
Naphthalene	mg/kg	0.0346		0.075 U	0.04 U	0.041 U	0.0013 U	0.0015 U	0.0019 U	0.0017 U	0.0014 U	0.002 U	0.0016 U	0.087 U	0.075 U	0.061 U	0.057 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0027 U
Nitrobenzene	mg/kg	0		0.075 U	0.04 U	0.041 U	0.017 U	0.019 U	0.023 U	0.021 U	0.018 U	0.025 U	0.02 U	0.087 U	0.075 U	0.061 U	0.057 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.035 U
N-Nitroso-di-n-propylamine	mg/kg	0		0.075 U	0.04 U	0.041 U	0.014 U	0.016 U	0.02 U	0.018 U	0.015 U	0.021 U	0.017 U	0.087 U	0.075 U	0.061 U	0.057 U	0.0086 U	0.0086 U	0.0086 U	0.0087 U	0.0086 U	0.0086 U	0.029 U
N-Nitrosodiphenylamine	mg/kg	402		0.075 U	0.04 U	0.041 U	0.019 U	0.021 U	0.028 U	0.044 U	0.046 U	0.053 U	0.051 U	0.087 U	0.075 U	0.061 U	0.057 U	0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.012 U	0.071 U
Pentachlorophenol	mg/kg	7.97		0.75 U	0.4 U	0.41 U	0.099 U	0.11 U	0.14 U	0.13 U	0.1 U	0.15 U	0.12 U	0.87 U	0.75 U	0.61 U	0.57 U	0.06 U	0.06 U	0.06 U	0.061 U	0.06 U	0.06 U	0.2 U
Phenanthrene	mg/kg	0.0867		0.075 U	0.04 U	0.041 U	0.0015 U	0.001 U	0.0013 U	0.0011 U	0.00094 U	0.0013 U	0.0011 U	0.087 U