

APPENDIX C

FIELD TESTS

APPENDIX C1

**GROUNDWATER TABLE READINGS FROM INSTALLED
STANDPIPE PIEZOMETERS**

GROUND WATER TABLE READINGS IN PIEZOMETER

| | | | | | |
|-----------------------|---|-------------|-------------|---|--|
| Client | M/S. TECNICAS REUNIDAS | | | Report No. | SD18000031 |
| Consultant | NP | | | Date Reported | July 15, 2018 |
| Project Name | Proposed SEWA Hamriyah Power Plant | | | Request No. | SD18000031 |
| Piezometer No. | Elevation (mSHMD) | Date | Time | Ground Water depth Below EGL (m) | GW Reduced Level (DMD) (m RL) |
| BH-01 | 4.124 | 12/06/18 | 7:40 AM | 2.53 | 1.59 |
| BH-02 | 4.191 | 12/06/18 | 7:55 AM | 2.43 | 1.76 |
| BH-03 | 4.532 | 12/06/18 | 7:50 AM | 2.56 | 1.97 |
| BH-04 | 4.312 | 12/06/18 | 7:45 AM | 2.34 | 1.97 |
| BH-05 | 4.632 | 12/06/18 | 7:35 AM | 2.51 | 2.12 |

APPENDIX C2

IN-SITU TEST RESULTS OF WATER SAMPLES

| In-situ Test Result of Water Samples | | | | | | | |
|--------------------------------------|------------------------------------|---------------|-------------|---------|-------|-------|-------|
| Client | M/S. TECNICAS REUNIDAS | Request No. | SD18000031 | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | Date Received | 12/06/2018 | | | | |
| Sample Description | Ground Water | Date Tested | 18/06/2018 | | | | |
| Elements | Unit | Test Method | MDL mg/L | Results | | | |
| | | | | BH-1 | BH-2 | BH-3 | BH-4 |
| pH* | - | | 7.06 | 7.48 | 7.45 | 7.67 | 7.55 |
| Conductivity | ms/cm | | 30.72 | 64.59 | 63.67 | 62.10 | 48.31 |
| TDS | ppt | | 15.37 | 32.32 | 31.85 | 31.05 | 24.15 |
| Salinity | pSu | | 18.95 | 43.58 | 42.87 | 41.60 | 31.35 |
| Temperature | °C | | 28 | 28 | 29 | 28.2 | 28.1 |

Note: * DAC Accredited

APPENDIX D

LABORATORY TEST RESULTS

APPENDIX D1

CHEMICAL TEST RESULTS OF WATER SAMPLES

ANALYSIS OF WATER

TEST REPORT ON ANALYSIS OF WATER

| | | | |
|--------------------|------------------------------------|--------------------|---|
| Owner | M/S. TECNICAS REUNIDAS | Report No. | SD18000031 |
| Contractor | N.P. | Date Reported | 15/07/18 |
| Consultant | N.P. | Sample No. | SD18000031 |
| Project No. | N.P. | Request No. | SD18000031 |
| Project Name | Proposed SEWA Hamriyah Power Plant | Client Reference | Request Dated 13/06/2018(SC18-096 and S/D18-0031) |
| Sample Description | Water | Sample Size | 5 Samples |
| Source | BH - 1,2,3,4,5 | Sampling Date | 12/06/18 |
| Sample Location | Site | Sampling Cert. No. | N.P. |
| Lot No. | N.P. | Sampling Method | N.P. |
| Lot Size | N.P. | Sampled By | Client's Rep. |
| Test Method | See Below | Sample Brt. In By | Client's Rep. |
| Test Method Var. | None | Date Received | 13/06/18 |
| Tested By: | Princess, Hans | Date Tested | 13 - 19/06/2018 |

I. CHEMICAL ANALYSIS:

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|------------------------------|------|------|-------------------------------|--------------|-------|-------|-------|-------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| Ammoniacal Nitrogen | mg/l | 0.02 | APHA 4500 NH ₃ (F) | 1.60 | 0.04 | 0.03 | 2.25 | 0.9 | Not defined | Not defined |
| Flouride ⁽¹⁾ | mg/l | 0.1 | APHA 4500 F (D) | 0.9 | 1.5 | 1.5 | 1.6 | 1.5 | Not defined | Not defined |
| Nitrate | mg/l | 0.02 | APHA 450 NO ₃ (E) | 0.40 | 0.04 | 0.31 | 0.22 | 0.13 | Not defined | 1.00E+04 |
| Nitrite | mg/l | 0.02 | APHA 450 NO ₂ (B) | 0.03 | 0.03 | 0.03 | <0.02 | <0.02 | Not defined | 1.00E+03 |
| Phosphate as PO ₄ | mg/l | 0.6 | APHA 4500 P (C) | 1.3 | 0.7 | 0.8 | 0.6 | <0.6 | Not defined | Not defined |

II. ORGANICS:

BTEX

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|-------------------------------|------|------|--------------|--------------|-------|-------|-------|-------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| Benzene ⁽¹⁾ | µg/l | 0.57 | USEPA 8260 C | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | 30 | 5.0E+00 |
| Toluene ⁽¹⁾ | µg/l | 0.88 | | 587 | 199 | 164 | <0.88 | <0.88 | 1000 | 1.0E+03 |
| Ethylbenzene ⁽¹⁾ | µg/l | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 150 | 7.0E+02 |
| Xylene (total) ⁽¹⁾ | µg/l | 2.69 | | <2.69 | <2.69 | <2.69 | <2.69 | <2.69 | 70 | 1.0E+04 |
| BTEX ⁽¹⁾ | µg/l | 5.02 | | 587 | 199 | 164 | <5.02 | <5.02 | - | - |

TOTAL PETROLEUM HYDROCARBONS (TPHCWG)

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|-----------------------------------|------|------|-------------|--------------|-------|-------|-------|-------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| TPH C8-C38 ALIPHATIC | mg/L | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | Not defined | Not defined |
| TPH C6-C8 AROMATIC ⁽¹⁾ | mg/L | 0.01 | USEPA 8260C | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | Not defined | Not defined |
| TPH C10-C22 AROMATIC | mg/L | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | Not defined | Not defined |

POLYNUCLEAR AROMATIC HYDROCARBONS

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|--|------|------|--------------|--------------|-------|-------|-------|-------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| Naphthalene | µg/l | 0.05 | USEPA 8270 D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 70 | 1.50E+05 |
| Acenaphthylene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.40E+05 |
| Acenaphthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.40E+05 |
| Fluorene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.90E+05 |
| Phenanthrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5 | 2.20E+05 |
| Anthracene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5 | 2.20E+06 |
| Fluoranthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1 | 2.90E+05 |
| Pyrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.20E+05 |
| Benz(a)anthracene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.5 | 2.00E+03 |
| Chrysene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.2 | 2.00E+05 |
| Benzo(b)fluoranthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.00E+03 |
| Benzo(k)fluoranthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.00E+04 |
| Benzo(a)pyrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.0E-01 |
| Indeno(1,2,3-cd)pyrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.00E+03 |
| Dibenz(a,h)anthracene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.00E+02 |
| Benzo(g,h,i)perylene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.20E+05 |
| Polynuclear Aromatic Hydrocarbons (PAHs) | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | - |

POLYCHLORINATED BIPHENYLS

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|---|------|------|-------------|--------------|-------|-------|-------|-------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | µg/l | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 3,4,4',5'-Tetrachlorobiphenyl (PCB81) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3,4,4',5'-Pentachlorobiphenyl (PCB114) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3',4,4',5'-Pentachlorobiphenyl (PCB118) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2',3,4,4',5'-Pentachlorobiphenyl (PCB123) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 3,3',4,4',5'-Pentachlorobiphenyl (PCB126) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB156) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3',4,4',5'-Hexachlorobiphenyl (PCB167) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 3,3',4,4',5'-Hexachlorobiphenyl (PCB169) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| 2,3,3',4,4',5'-Heptachlorobiphenyl (PCB189) | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |
| Total PCBs | µg/l | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | Not defined |

SEMI-VOLATILE ORGANIC COMPOUNDS + TIC's

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|-------------------------------|------|-------|-------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| N-Nitrosodimethylamine | mg/L | 0.001 | USEPA 8270D | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.00E+00 |
| Pyridine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 30 | 7.30E+03 |
| Phenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 2000 | 2.20E+06 |
| Aniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.60E+04 |
| Bis(2-chloroethyl) ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.90E+02 |
| 2-Chlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 100 | 3.70E+04 |
| 1,3-Dichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 50 | 6.00E+04 |
| 1,4-Dichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 50 | 7.5E+01 |
| Benzyl alcohol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+05 |
| 2-Methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.70E+05 |
| 1,2-Dichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 50 | 6.0E+02 |
| Bis(2-chloroisopropyl) ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+03 |
| 4-Methylphenol/3-Methylphenol | mg/L | 0.001 | | 0.058 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.70E+05 |
| N-Nitrosodi-n-propylamine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+01 |
| Hexachloroethane | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.10E+03 |
| Nitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| Isophorone | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+05 |
| 2,4-Dimethylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+05 |
| 2-Nitrophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| Bis(2-chloroethoxy)methane | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.90E+02 |
| 2,4-Dichlorophenol | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 30 | 2.20E+04 | |
| 1,2,4-Trichlorobenzene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 7.0E+01 | |

| | | | | | | | | | | | |
|--|------|-------|-------------|--------|--------|--------|--------|--------|-------------|-------------|-------------|
| Naphthalene | mg/L | 0.001 | USEPA 8270D | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 70 | 1.50E+05 | |
| 4-Chloroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Hexachlorobutadiene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.60E+03 |
| 4-Chloro-3-methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+04 |
| 1-Methylnaphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.00E+03 |
| Hexachlorocyclopentadiene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.0E+01 |
| 2,4,6-Trichlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 7.30E+03 |
| 2,4,5-Trichlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 7.30E+05 |
| 2-Chloronaphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 6 | 5.80E+05 |
| 2-Nitroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+00 |
| 1,4-Dinitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+02 |
| Dimethyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.80E+06 |
| 1,3-Dinitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+02 |
| 2,6-Dinitrotoluene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.00E+02 |
| 1,2-Dinitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Acenaphthylene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.40E+05 |
| 3-Nitroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+03 |
| Acenaphthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.40E+05 |
| 2,4-Dinitrophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| 4-Nitrophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| 2,4-Dinitrotoluene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.00E+02 |
| Dibenzofuran | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+04 |
| 2,3,5,6-Tetrachlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 2.20E+05 |
| 2,3,4,6-Tetrachlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 2.20E+05 |
| Diethyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.80E+06 |
| 4-Chlorophenyl phenyl ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.40E-02 |
| 4-Nitroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.00E+04 |
| 4,6-Dinitro-2-methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Fluorene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+05 |
| N-nitrosodiphenylamine (diphenylamine) | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.80E+05 |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.90E+03 |
| 4-Bromophenyl phenyl ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.40E+01 |
| Hexachlorobenzene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.5 | 1.0E+00 | |
| Pentachlorophenol | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 3 | 1.0E+00 | |
| Phenanthrene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 5 | 2.20E+05 | |
| Anthracene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 5 | 2.20E+06 | |
| Carbazole | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.00E+04 | |
| Di-n-butyl phthalate | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined | |
| Fluoranthene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 1 | 2.90E+05 | |
| Benzidine | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 8.90E-01 | |

| | | | | | | | | | | | |
|-----------------------------|------|-------|-------------|--------|--------|--------|--------|--------|-------------|-------------|-------------|
| 3,3'-Dimethylbenzidine | mg/L | 0.001 | USEPA 8270D | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined | |
| Pyrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+05 |
| Butyl benzyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Bis(2-ethylhexyl) adipate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Bis(2-ethylhexyl) phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 6.0E+00 |
| 3,3'-Dichlorobenzidine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.50E+02 |
| Benz(a)anthracene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.5 | Not defined |
| Chrysene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.2 | 2.00E+05 |
| Di-n-octyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+04 |
| Benzo(b)fluoranthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.00E+03 |
| Benzo(k)fluoranthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.00E+04 |
| Benzo(a)pyrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.0E-01 |
| Indeno(1,2,3-cd)pyrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.00E+03 |
| Dibenz(a,h)anthracene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.00E+02 |
| Benzo(g,h)perylene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.20E+05 |
| TIC's | mg/L | - | | ND | ND | ND | ND | ND | ND | - | - |

VOLATILE ORGANIC COMPOUNDS + TIC'S

| Tests | Unit | MDL | Test Method | Test Results | | | | | | |
|---|------|------|-------------|--------------|-------|-------|-------|-------------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
| Dichlorodifluoromethane ⁽¹⁾ | µg/L | 0.92 | USEPA 8260C | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | Not defined |
| Chloromethane ⁽¹⁾ | µg/L | 0.84 | | <0.84 | <0.84 | <0.84 | <0.84 | <0.84 | Not defined | 1.60E+04 |
| Vinyl chloride ⁽¹⁾ | µg/L | 3.13 | | <3.13 | <3.13 | <3.13 | <3.13 | <3.13 | 5 | 2.0E+00 |
| Bromomethane ⁽¹⁾ | µg/L | 2.08 | | <2.08 | <2.08 | <2.08 | <2.08 | <2.08 | Not defined | 1.00E+04 |
| Chloroethane ⁽¹⁾ | µg/L | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 2.90E+06 |
| Trichlorofluoromethane ⁽¹⁾ | µg/L | 0.58 | | <0.58 | <0.58 | <0.58 | <0.58 | <0.58 | Not defined | 2.20E+06 |
| Acetonitrile ⁽¹⁾ | µg/L | 1.52 | | <1.52 | <1.52 | <1.52 | <1.52 | <1.52 | Not defined | 2.30E+05 |
| Acetone ⁽¹⁾ | µg/L | 3.23 | | <3.23 | <3.23 | <3.23 | <3.23 | <3.23 | Not defined | 6.60E+06 |
| Diethyl ether ⁽¹⁾ | µg/L | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | Not defined |
| 1,1-Dichloroethene ⁽¹⁾ | µg/L | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 10.00 | Not defined |
| Iodomethane ⁽¹⁾ | µg/L | 0.71 | | <0.71 | <0.71 | <0.71 | <0.71 | <0.71 | Not defined | 1.00E+04 |
| Propionitrile ⁽¹⁾ | µg/L | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.90E+03 |
| Acrylonitrile ⁽¹⁾ | µg/L | 1.27 | | <1.27 | <1.27 | <1.27 | <1.27 | <1.27 | 5.00 | 3.80E+02 |
| Methylene chloride ⁽¹⁾ | µg/L | 1.90 | | <1.90 | <1.90 | <1.90 | <1.90 | <1.90 | Not defined | 5.0E+00 |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ⁽¹⁾ | µg/L | 1.01 | | <1.01 | <1.01 | <1.01 | <1.01 | <1.01 | Not defined | Not defined |
| Allyl chloride ⁽¹⁾ | µg/L | 0.93 | | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | Not defined | 7.30E+04 |
| Carbon disulfide ⁽¹⁾ | µg/L | 1.79 | | <1.79 | <1.79 | <1.79 | <1.79 | <1.79 | Not defined | 7.30E+05 |
| trans-1,2-Dichloroethene ⁽¹⁾ | µg/L | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | Not defined | Not defined |
| MTBE ⁽¹⁾ | µg/L | 1.44 | | <1.44 | <1.44 | <1.44 | <1.44 | <1.44 | 9.4 | 7.30E+04 |
| 1,1-Dichloroethane ⁽¹⁾ | µg/L | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 10.00 | Not defined |
| Chloroprene ⁽¹⁾ | µg/L | 1.21 | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | Not defined | Not defined | |
| 2-Butanone (MEK) ⁽¹⁾ | µg/L | 3.84 | <3.84 | <3.84 | <3.84 | <3.84 | <3.84 | Not defined | 4.40E+06 | |

| | | | | | | | | | | |
|--|------|------|-------------|-------|-------|-------|-------|--------------------|----------------------------|----------------------------|
| Methacrylonitrile ⁽¹⁾ | µg/L | 1.09 | USEPA 8260C | <1.09 | <1.09 | <1.09 | <1.09 | <1.09 | Not defined | 1.50E+04 |
| cis-1,2-Dichloroethene ⁽¹⁾ | µg/L | 0.56 | | <0.56 | <0.56 | <0.56 | <0.56 | <0.56 | 20 | Not defined |
| Bromochloromethane ⁽¹⁾ | µg/L | 1.02 | | <1.02 | <1.02 | <1.02 | <1.02 | <1.02 | Not defined | 2.90E+05 |
| Chloroform ⁽¹⁾ | µg/L | 1.18 | | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | 400.00 | 8.0E+01(F) |
| Methyl acrylate ⁽¹⁾ | µg/L | 0.66 | | <0.66 | <0.66 | <0.66 | <0.66 | <0.66 | Not defined | 1.50E+04 |
| 2,2-Dichloropropane ⁽¹⁾ | µg/L | 1.41 | | <1.41 | <1.41 | <1.41 | <1.41 | <1.41 | 80 | 3.00E+03 |
| Tetrahydrofuran ⁽¹⁾ | µg/L | 1.70 | | <1.70 | <1.70 | <1.70 | <1.70 | <1.70 | 300.00 | 2.70E+04 |
| 1,2-Dichloroethane ⁽¹⁾ | µg/L | 0.46 | | <0.46 | <0.46 | <0.46 | <0.46 | <0.46 | 400.00 | 5.0E+00 |
| 1,1,1-Trichloroethane ⁽¹⁾ | µg/L | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | 300.00 | 2.0E+02 |
| 1,1-Dichloropropene ⁽¹⁾ | µg/L | 1.24 | | <1.24 | <1.24 | <1.24 | <1.24 | <1.24 | Not defined | 3.80E+02 |
| Carbon Tetrachloride ⁽¹⁾ | µg/L | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | 5.0E+00 |
| Benzene ⁽¹⁾ | µg/L | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | 30 | 5.0E+00 |
| Dibromomethane ⁽¹⁾ | µg/L | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | Not defined | 2.70E+01 |
| 1,2-Dichloropropane ⁽¹⁾ | µg/L | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 80 | 5.0E+00 |
| Trichloroethene ⁽¹⁾ | µg/L | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 500.00 | Not defined |
| Bromodichloromethane ⁽¹⁾ | µg/L | 1.06 | | <1.06 | <1.06 | <1.06 | <1.06 | <1.06 | Not defined | 8.0E+01(F) |
| Methyl methacrylate ⁽¹⁾ | µg/L | 1.31 | | <1.31 | <1.31 | <1.31 | <1.31 | <1.31 | Not defined | 3.70E+05 |
| cis-1,3-Dichloropropene ⁽¹⁾ | µg/L | 1.17 | | <1.17 | <1.17 | <1.17 | <1.17 | <1.17 | Not defined | 3.80E+02 |
| 4-Methyl-2-pentanone (MIBK) ⁽¹⁾ | µg/L | 3.30 | | <3.30 | <3.30 | <3.30 | <3.30 | <3.30 | Not defined | 5.80E+05 |
| trans-1,3-Dichloropropene ⁽¹⁾ | µg/L | 1.17 | | <1.17 | <1.17 | <1.17 | <1.17 | <1.17 | Not defined | 2.00E+03 |
| 1,1,2-Trichloroethane ⁽¹⁾ | µg/L | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | 130.00 | 5.0E+00 |
| Toluene ⁽¹⁾ | µg/L | 0.88 | | 587 | 199 | 164 | <0.88 | <0.88 | 1000 | 1.0E+03 |
| 1,3-Dichloropropane ⁽¹⁾ | µg/L | 0.77 | | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | 1000 | 2.00E+03 |
| Ethyl methacrylate ⁽¹⁾ | µg/L | 1.07 | | <1.07 | <1.07 | <1.07 | <1.07 | <1.07 | Not defined | 6.60E+05 |
| 2-Hexanone ⁽¹⁾ | µg/L | 2.19 | | <2.19 | <2.19 | <2.19 | <2.19 | <2.19 | Not defined | 3.70E+04 |
| Dibromochloromethane ⁽¹⁾ | µg/L | 0.82 | | <0.82 | <0.82 | <0.82 | <0.82 | <0.82 | Not defined | 8.0E+01(F) |
| 1,2-Dibromoethane-EDB ⁽¹⁾ | µg/L | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 5.0E-02 |
| Tetrachloroethene ⁽¹⁾ | µg/L | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 40 | Not defined |
| 1,1,1,2-Tetrachloroethane ⁽¹⁾ | µg/L | 1.04 | | <1.04 | <1.04 | <1.04 | <1.04 | <1.04 | Not defined | Not defined |
| Chlorobenzene ⁽¹⁾ | µg/L | 0.6 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 180 | 1.0E+02 |
| Ethylbenzene ⁽¹⁾ | µg/L | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 150 | 7.0E+02 |
| m & p- Xylene ⁽¹⁾ | µg/L | 1.90 | | <1.90 | <1.90 | <1.90 | <1.90 | <1.90 | 70 (mixed isomers) | 1.0E+04 Xylenes in general |
| Bromoform ⁽¹⁾ | µg/L | 0.75 | | <0.75 | <0.75 | <0.75 | <0.75 | <0.75 | Not defined | 8.0E+01(F) |
| cis-1,4-Dichloro-2-butene ⁽¹⁾ | µg/L | 1.11 | <1.11 | <1.11 | <1.11 | <1.11 | <1.11 | Not defined | Not defined | |
| Styrene ⁽¹⁾ | µg/L | 0.83 | <0.83 | <0.83 | <0.83 | <0.83 | <0.83 | 300 | 1.0E+02 | |
| 1,1,2,2-Tetrachloroethane ⁽¹⁾ | µg/L | 0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | Not defined | Not defined | |
| o-Xylene ⁽¹⁾ | µg/L | 0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 70 (mixed isomers) | 1.0E+04 Xylenes in general | |
| 1,2,3-Trichloropropane ⁽¹⁾ | µg/L | 1.20 | <1.20 | <1.20 | <1.20 | <1.20 | <1.20 | Not defined | Not defined | |
| trans-1,4-Dichloro-2-butene ⁽¹⁾ | µg/L | 1.52 | <1.52 | <1.52 | <1.52 | <1.52 | <1.52 | Not defined | Not defined | |
| Isopropylbenzene ⁽¹⁾ | µg/L | 0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | Not defined | Not defined | |
| Bromobenzene ⁽¹⁾ | µg/L | 1.19 | <1.19 | <1.19 | <1.19 | <1.19 | <1.19 | Not defined | Not defined | |

| | | | | | | | | | | | |
|--|------|------|-------------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| n-Propylbenzene ^[1] | µg/L | 1.26 | USEPA 8260C | <1.26 | <1.26 | <1.26 | <1.26 | <1.26 | Not defined | Not defined | |
| 2-Chlorotoluene ^[1] | µg/L | 1.29 | | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | Not defined |
| 4-Chlorotoluene ^[1] | µg/L | 1.22 | | <1.22 | <1.22 | <1.22 | <1.22 | <1.22 | <1.22 | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ^[1] | µg/L | 1.08 | | <1.08 | <1.08 | <1.08 | <1.08 | <1.08 | <1.08 | Not defined | Not defined |
| Pentachloroethane ^[1] | µg/L | 1.18 | | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | Not defined | Not defined |
| tert-Butylbenzene ^[1] | µg/L | 1.06 | | <1.06 | <1.06 | <1.06 | <1.06 | <1.06 | <1.06 | Not defined | Not defined |
| 1,2,4-Trimethylbenzene ^[1] | µg/L | 1.05 | | <1.05 | <1.05 | <1.05 | <1.05 | <1.05 | <1.05 | Not defined | Not defined |
| sec-Butylbenzene ^[1] | µg/L | 0.97 | | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | Not defined | Not defined |
| 1,3-Dichlorobenzene ^[1] | µg/L | 0.94 | | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | 50 | Not defined |
| 1,4-Dichlorobenzene ^[1] | µg/L | 1.25 | | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | 50 | 7.5E+01 |
| p-Isopropyltoluene (p-Cymene) ^[1] | µg/L | 1.50 | | <1.50 | <1.50 | <1.50 | <1.50 | <1.50 | <1.50 | Not defined | Not defined |
| 1,2-Dichlorobenzene ^[1] | µg/L | 0.93 | | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | 50 | 6.0E+02 |
| n-Butylbenzene ^[1] | µg/L | 1.88 | | <1.88 | <1.88 | <1.88 | <1.88 | <1.88 | <1.88 | Not defined | Not defined |
| 1,2-Dibromo-3-Chloropropane ^[1] | µg/L | 2.50 | | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | Not defined | 2.0E-01 |
| 1,2,4-Trichlorobenzene ^[1] | µg/L | 1.78 | | <1.78 | <1.78 | <1.78 | <1.78 | <1.78 | <1.78 | 10 | 7.0E+01 |
| Naphthalene ^[1] | µg/L | 3.92 | | <3.92 | <3.92 | <3.92 | <3.92 | <3.92 | <3.92 | 70.00 | Not defined |
| Hexachlorobutadiene ^[1] | µg/L | 1.40 | | <1.40 | <1.40 | <1.40 | <1.40 | <1.40 | <1.40 | Not defined | Not defined |
| 1,2,3-Trichlorobenzene ^[1] | µg/L | 0.93 | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | 10 | Not defined | |
| TIC's | µg/L | - | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | - | - | |

- Notes:**
1. ISO/IEC 17025-2005 Accredited Test: [1]-ENAS
 2. The test results relate only to the item(s) tested. This report shall not be reproduced except in full, without written approval of ACES.
 3. 22nd Edition of APHA Methods is used.
 4. **ND:** Not Detected.
 5. In absence of reference values within Dutch Intervention Values (2017) and US EPA (2017) MCL; limit values from "Texas Risk Reduction Program" were considered.

ANALYSIS OF WATER ADDITIONAL WORKS

TEST REPORT ON ANALYSIS OF WATER

| | | | |
|--------------------|---------------------------|--------------------|---|
| Owner | ACES - Dubai | Report No. | HMR18006041 |
| Contractor | Not Provided | Date Reported | 15/07/18 |
| Consultant | Not Provided | Sample No. | HMS18004019 |
| Project No. | Not Provided | Request No. | HMQ18004019 |
| Project Name | Not Provided | Client Reference | Request Dated 08/07/2018(SC18-096 and SD18000031) |
| Sample Description | Water | Sample Size | 5 Samples |
| Source | PZ BH-01E,02E,03E,04E,05E | Sampling Date | 08/07/18 |
| Sample Location | Site | Sampling Cert. No. | Not Provided |
| Lot No. | Not Provided | Sampling Method | Not Provided |
| Lot Size | Not Provided | Sampled By | Client's Rep. |
| Test Method | See Below | Sample Brt. In By | Client's Rep. |
| Test Method Var. | None | Date Received | 08/07/18 |
| Tested By: | Princess | Date Tested | 09 - 14/07/2018 |

I. CHEMICAL ANALYSIS:

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|------------------------------|------|------|-------------------------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | | |
| Ammoniacal Nitrogen | mg/l | 0.02 | APHA 4500 NH ₃ (F) | 1.26 | 0.65 | 1.55 | 2.7 | 1.6 | Not defined | Not defined |
| Flouride ^[1] | mg/l | 0.1 | APHA 4500 F (D) | 1.3 | 0.7 | 1.9 | 1.9 | 1.8 | Not defined | Not defined |
| Nitrate | mg/l | 0.02 | APHA 450 NO ₃ (E) | 0.04 | 0.09 | <0.02 | 0.04 | 0.09 | Not defined | 1.00E+04 |
| Nitrite | mg/l | 0.02 | APHA 450 NO ₂ (B) | <0.02 | 0.26 | <0.02 | <0.02 | <0.02 | Not defined | 1.00E+03 |
| Phosphate as PO ₄ | mg/l | 0.6 | APHA 4500 P (C) | <0.6 | <0.6 | <0.6 | <0.6 | <0.6 | Not defined | Not defined |

II. ORGANICS:

BTEX

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|-------------------------------|------|------|--------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | | |
| Benzene ^[1] | µg/l | 0.57 | USEPA 8260 C | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | 30 | 5.0E+00 |
| Toluene ^[1] | µg/l | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 1000 | 1.0E+03 |
| Ethylbenzene ^[1] | µg/l | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 150 | 7.0E+02 |
| Xylene (total) ^[1] | µg/l | 2.69 | | <2.69 | <2.69 | <2.69 | <2.69 | <2.69 | 70 | 1.0E+04 |
| BTEX ^[1] | µg/l | 5.02 | | <5.02 | <5.02 | <5.02 | <5.02 | <5.02 | - | - |

VOLATILE ORGANIC COMPOUNDS + TIC's

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|--|------|------|-------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | | |
| Dichlorodifluoromethane ^[1] | µg/L | 0.92 | USEPA 8260C | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | Not defined |
| Chloromethane ^[1] | µg/L | 0.84 | | <0.84 | <0.84 | <0.84 | <0.84 | <0.84 | Not defined | 1.60E+04 |
| Vinyl chloride ^[1] | µg/L | 3.13 | | <3.13 | <3.13 | <3.13 | <3.13 | <3.13 | 5 | 2.0E+00 |
| Bromomethane ^[1] | µg/L | 2.08 | | <2.08 | <2.08 | <2.08 | <2.08 | <2.08 | Not defined | 1.00E+04 |
| Chloroethane ^[1] | µg/L | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 2.90E+06 |
| Trichlorofluoromethane ^[1] | µg/L | 0.58 | | <0.58 | <0.58 | <0.58 | <0.58 | <0.58 | Not defined | 2.20E+06 |
| Acetonitrile ^[1] | µg/L | 1.52 | | <1.52 | <1.52 | <1.52 | <1.52 | <1.52 | Not defined | 2.30E+05 |
| Acetone ^[1] | µg/L | 3.23 | | <3.23 | <3.23 | <3.23 | <3.23 | <3.23 | Not defined | 6.60E+06 |

| | | | | | | | | | | |
|---|------|------|-------------|-------|-------|-------|-------|-------------|-------------|-------------|
| Diethyl ether ^[1] | µg/L | 0.92 | USEPA 8260C | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | Not defined |
| 1,1-Dichloroethene ^[1] | µg/L | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 10.00 | Not defined |
| Iodomethane ^[1] | µg/L | 0.71 | | <0.71 | <0.71 | <0.71 | <0.71 | <0.71 | Not defined | 1.00E+04 |
| Propionitrile ^[1] | µg/L | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.90E+03 |
| Acrylonitrile ^[1] | µg/L | 1.27 | | <1.27 | <1.27 | <1.27 | <1.27 | <1.27 | 5.00 | 3.80E+02 |
| Methylene chloride ^[1] | µg/L | 1.90 | | <1.90 | <1.90 | <1.90 | <1.90 | <1.90 | Not defined | 5.0E+00 |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ^[1] | µg/L | 1.01 | | <1.01 | <1.01 | <1.01 | <1.01 | <1.01 | Not defined | Not defined |
| Allyl chloride ^[1] | µg/L | 0.93 | | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | Not defined | 7.30E+04 |
| Carbon disulfide ^[1] | µg/L | 1.79 | | <1.79 | <1.79 | <1.79 | <1.79 | <1.79 | Not defined | 7.30E+05 |
| trans-1,2-Dichloroethene ^[1] | µg/L | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | Not defined | Not defined |
| MTBE ^[1] | µg/L | 1.44 | | <1.44 | <1.44 | <1.44 | <1.44 | <1.44 | 9.4 | 7.30E+04 |
| 1,1-Dichloroethane ^[1] | µg/L | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 10.00 | Not defined |
| Chloroprene ^[1] | µg/L | 1.21 | | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | Not defined | Not defined |
| 2-Butanone (MEK) ^[1] | µg/L | 3.84 | | <3.84 | <3.84 | <3.84 | <3.84 | <3.84 | Not defined | 4.40E+06 |
| Methacrylonitrile ^[1] | µg/L | 1.09 | | <1.09 | <1.09 | <1.09 | <1.09 | <1.09 | Not defined | 1.50E+04 |
| cis-1,2-Dichloroethene ^[1] | µg/L | 0.56 | | <0.56 | <0.56 | <0.56 | <0.56 | <0.56 | 20 | Not defined |
| Bromochloromethane ^[1] | µg/L | 1.02 | | <1.02 | <1.02 | <1.02 | <1.02 | <1.02 | Not defined | 2.90E+05 |
| Chloroform ^[1] | µg/L | 1.18 | | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | 400.00 | 8.0E+01(F) |
| Methyl acrylate ^[1] | µg/L | 0.66 | | <0.66 | <0.66 | <0.66 | <0.66 | <0.66 | Not defined | 1.50E+04 |
| 2,2-Dichloropropane ^[1] | µg/L | 1.41 | | <1.41 | <1.41 | <1.41 | <1.41 | <1.41 | 80 | 3.00E+03 |
| Tetrahydrofuran ^[1] | µg/L | 1.70 | | <1.70 | <1.70 | <1.70 | <1.70 | <1.70 | 300.00 | 2.70E+04 |
| 1,2-Dichloroethane ^[1] | µg/L | 0.46 | | <0.46 | <0.46 | <0.46 | <0.46 | <0.46 | 400.00 | 5.0E+00 |
| 1,1,1-Trichloroethane ^[1] | µg/L | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | 300.00 | 2.0E+02 |
| 1,1-Dichloropropene ^[1] | µg/L | 1.24 | | <1.24 | <1.24 | <1.24 | <1.24 | <1.24 | Not defined | 3.80E+02 |
| Carbon Tetrachloride ^[1] | µg/L | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | 5.0E+00 |
| Benzene ^[1] | µg/L | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | 30 | 5.0E+00 |
| Dibromomethane ^[1] | µg/L | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | Not defined | 2.70E+01 |
| 1,2-Dichloropropane ^[1] | µg/L | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 80 | 5.0E+00 |
| Trichloroethene ^[1] | µg/L | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 500.00 | Not defined |
| Bromodichloromethane ^[1] | µg/L | 1.06 | | <1.06 | <1.06 | <1.06 | <1.06 | <1.06 | Not defined | 8.0E+01(F) |
| Methyl methacrylate ^[1] | µg/L | 1.31 | <1.31 | <1.31 | <1.31 | <1.31 | <1.31 | Not defined | 3.70E+05 | |
| cis-1,3-Dichloropropene ^[1] | µg/L | 1.17 | <1.17 | <1.17 | <1.17 | <1.17 | <1.17 | Not defined | 3.80E+02 | |
| 4-Methyl-2-pentanone (MIBK) ^[1] | µg/L | 3.30 | <3.30 | <3.30 | <3.30 | <3.30 | <3.30 | Not defined | 5.80E+05 | |
| trans-1,3-Dichloropropene ^[1] | µg/L | 1.17 | <1.17 | <1.17 | <1.17 | <1.17 | <1.17 | Not defined | 2.00E+03 | |
| 1,1,2-Trichloroethane ^[1] | µg/L | 0.92 | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | 130.00 | 5.0E+00 | |
| Toluene ^[1] | µg/L | 0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 1000 | 1.0E+03 | |
| 1,3-Dichloropropane ^[1] | µg/L | 0.77 | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | 1000 | 2.00E+03 | |
| Ethyl methacrylate ^[1] | µg/L | 1.07 | <1.07 | <1.07 | <1.07 | <1.07 | <1.07 | Not defined | 6.60E+05 | |
| 2-Hexanone ^[1] | µg/L | 2.19 | <2.19 | <2.19 | <2.19 | <2.19 | <2.19 | Not defined | 3.70E+04 | |
| Dibromochloromethane ^[1] | µg/L | 0.82 | <0.82 | <0.82 | <0.82 | <0.82 | <0.82 | Not defined | 8.0E+01(F) | |
| 1,2-Dibromoethane-EDB ^[1] | µg/L | 0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 5.0E-02 | |

| | | | | | | | | | | |
|--|------|------|-------------|-------|-------|-------|-------|-------------|--------------------|----------------------------|
| Tetrachloroethene ^[1] | µg/L | 0.63 | USEPA 8260C | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 40 | Not defined |
| 1,1,1,2-Tetrachloroethane ^[1] | µg/L | 1.04 | | <1.04 | <1.04 | <1.04 | <1.04 | <1.04 | Not defined | Not defined |
| Chlorobenzene ^[1] | µg/L | 0.6 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 180 | 1.0E+02 |
| Ethylbenzene ^[1] | µg/L | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 150 | 7.0E+02 |
| m & p- Xylene ^[1] | µg/L | 1.90 | | <1.90 | <1.90 | <1.90 | <1.90 | <1.90 | 70 (mixed isomers) | 1.0E+04 Xylenes in general |
| Bromoform ^[1] | µg/L | 0.75 | | <0.75 | <0.75 | <0.75 | <0.75 | <0.75 | Not defined | 8.0E+01(F) |
| cis-1,4-Dichloro-2-butene ^[1] | µg/L | 1.11 | | <1.11 | <1.11 | <1.11 | <1.11 | <1.11 | Not defined | Not defined |
| Styrene ^[1] | µg/L | 0.83 | | <0.83 | <0.83 | <0.83 | <0.83 | <0.83 | 300 | 1.0E+02 |
| 1,1,2,2-Tetrachloroethane ^[1] | µg/L | 0.91 | | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | Not defined | Not defined |
| o-Xylene ^[1] | µg/L | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 70 (mixed isomers) | 1.0E+04 Xylenes in general |
| 1,2,3-Trichloropropane ^[1] | µg/L | 1.20 | | <1.20 | <1.20 | <1.20 | <1.20 | <1.20 | Not defined | Not defined |
| trans-1,4-Dichloro-2-butene ^[1] | µg/L | 1.52 | | <1.52 | <1.52 | <1.52 | <1.52 | <1.52 | Not defined | Not defined |
| Isopropylbenzene ^[1] | µg/L | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | Not defined | Not defined |
| Bromobenzene ^[1] | µg/L | 1.19 | | <1.19 | <1.19 | <1.19 | <1.19 | <1.19 | Not defined | Not defined |
| n-Propylbenzene ^[1] | µg/L | 1.26 | | <1.26 | <1.26 | <1.26 | <1.26 | <1.26 | Not defined | Not defined |
| 2-Chlorotoluene ^[1] | µg/L | 1.29 | | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | Not defined |
| 4-Chlorotoluene ^[1] | µg/L | 1.22 | | <1.22 | <1.22 | <1.22 | <1.22 | <1.22 | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ^[1] | µg/L | 1.08 | | <1.08 | <1.08 | <1.08 | <1.08 | <1.08 | Not defined | Not defined |
| Pentachloroethane ^[1] | µg/L | 1.18 | | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | Not defined | Not defined |
| tert-Butylbenzene ^[1] | µg/L | 1.06 | | <1.06 | <1.06 | <1.06 | <1.06 | <1.06 | Not defined | Not defined |
| 1,2,4-Trimethylbenzene ^[1] | µg/L | 1.05 | | <1.05 | <1.05 | <1.05 | <1.05 | <1.05 | Not defined | Not defined |
| sec-Butylbenzene ^[1] | µg/L | 0.97 | | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | Not defined | Not defined |
| 1,3-Dichlorobenzene ^[1] | µg/L | 0.94 | | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | 50 | Not defined |
| 1,4-Dichlorobenzene ^[1] | µg/L | 1.25 | | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | 50 | 7.5E+01 |
| p-Isopropyltoluene (p-Cymene) ^[1] | µg/L | 1.50 | | <1.50 | <1.50 | <1.50 | <1.50 | <1.50 | Not defined | Not defined |
| 1,2-Dichlorobenzene ^[1] | µg/L | 0.93 | | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | 50 | 6.0E+02 |
| n-Butylbenzene ^[1] | µg/L | 1.88 | | <1.88 | <1.88 | <1.88 | <1.88 | <1.88 | Not defined | Not defined |
| 1,2-Dibromo-3-Chloropropane ^[1] | µg/L | 2.50 | | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | Not defined | 2.0E-01 |
| 1,2,4-Trichlorobenzene ^[1] | µg/L | 1.78 | <1.78 | <1.78 | <1.78 | <1.78 | <1.78 | 10 | 7.0E+01 | |
| Naphthalene ^[1] | µg/L | 3.92 | <3.92 | <3.92 | <3.92 | <3.92 | <3.92 | 70.00 | Not defined | |
| Hexachlorobutadiene ^[1] | µg/L | 1.40 | <1.40 | <1.40 | <1.40 | <1.40 | <1.40 | Not defined | Not defined | |
| 1,2,3-Trichlorobenzene ^[1] | µg/L | 0.93 | <0.93 | <0.93 | <0.93 | <0.93 | <0.93 | 10 | Not defined | |
| TIC's | µg/L | - | | N.D. | N.D. | N.D. | N.D. | N.D. | - | - |

TOTAL PETROLEUM HYDROCARBONS (TPHCWG)

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|-----------------------------------|------|------|-------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | | |
| TPH C8-C38 ALIPHATIC | mg/L | 0.01 | USEPA 8015D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | Not defined | Not defined |
| TPH C6-C8 AROMATIC ^[1] | mg/L | 0.01 | USEPA 8260C | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | Not defined | Not defined |
| TPH C10-C22 AROMATIC | mg/L | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | Not defined | Not defined |

POLYNUCLEAR AROMATIC HYDROCARBONS

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|--|------|------|--------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | | |
| Naphthalene | µg/l | 0.05 | USEPA 8270 D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 70 | 1.50E+05 |
| Acenaphthylene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.40E+05 |
| Acenaphthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.40E+05 |
| Fluorene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.90E+05 |
| Phenanthrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5 | 2.20E+05 |
| Anthracene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5 | 2.20E+06 |
| Fluoranthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1 | 2.90E+05 |
| Pyrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.20E+05 |
| Benz(a)anthracene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.5 | 2.00E+03 |
| Chrysene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.2 | 2.00E+05 |
| Benzo(b)fluoranthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.00E+03 |
| Benzo(k)fluoranthene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.00E+04 |
| Benzo(a)pyrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.0E-01 |
| Indeno(1,2,3-cd)pyrene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.00E+03 |
| Dibenz(a,h)anthracene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.00E+02 |
| Benzo(g,h,i)perylene | µg/l | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 2.20E+05 |
| Polynuclear Aromatic Hydrocarbons (PAHs) | µg/l | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | - | |

POLYCHLORINATED BIPHENYLS

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|--|------|------|-------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | | |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | µg/l | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 3,4,4',5'-Tetrachlorobiphenyl (PCB81) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3,4,4',5'-Pentachlorobiphenyl (PCB114) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3',4,4',5'-Pentachlorobiphenyl (PCB118) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2',3,4,4',5'-Pentachlorobiphenyl (PCB123) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 3,3',4,4',5'-Pentachlorobiphenyl (PCB126) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB156) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3',4,4',5',5'-Hexachlorobiphenyl (PCB167) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 3,3',4,4',5',5'-Hexachlorobiphenyl (PCB169) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| 2,3,3',4,4',5',5'-Heptachlorobiphenyl (PCB189) | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |
| Total PCBs | µg/l | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | Not defined |

SEMI-VOLATILE ORGANIC COMPOUNDS + TIC's

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) Groundwater (µg/l) | US EPA (2017) MCL (µg/l) |
|-------------------------------|------|-------|-------------|--------------|--------|--------|--------|--------|---|--------------------------|
| | | | | BH-01 | BH-02 | BH-03 | BH-04 | BH-05 | | |
| N-Nitrosodimethylamine | mg/L | 0.001 | USEPA 8270D | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.00E+00 |
| Pyridine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 30 | 7.30E+03 |
| Phenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 2000 | 2.20E+06 |
| Aniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.60E+04 |
| Bis(2-chloroethyl) ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.90E+02 |
| 2-Chlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 100 | 3.70E+04 |
| 1,3-Dichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 50 | 6.00E+04 |
| 1,4-Dichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 50 | 7.5E+01 |
| Benzyl alcohol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+05 |
| 2-Methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.70E+05 |
| 1,2-Dichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 50 | 6.0E+02 |
| Bis(2-chloroisopropyl) ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+03 |
| 4-Methylphenol/3-Methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.70E+05 |
| N-Nitrosodi-n-propylamine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+01 |
| Hexachloroethane | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.10E+03 |
| Nitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| Isophorone | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+05 |
| 2,4-Dimethylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+05 |
| 2-Nitrophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| Bis(2-chloroethoxy)methane | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.90E+02 |
| 2,4-Dichlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 30 | 2.20E+04 |
| 1,2,4-Trichlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 7.0E+01 |
| Naphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 70 | 1.50E+05 |
| 4-Chloroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Hexachlorobutadiene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.60E+03 |
| 4-Chloro-3-methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+04 |
| 1-Methylnaphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.00E+03 |
| Hexachlorocyclopentadiene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.0E+01 |
| 2,4,6-Trichlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 7.30E+03 |
| 2,4,5-Trichlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 7.30E+05 |
| 2-Chloronaphthalene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 6 | 5.80E+05 |
| 2-Nitroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+00 |
| 1,4-Dinitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+02 |
| Dimethyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.80E+06 |
| 1,3-Dinitrobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+02 |
| 2,6-Dinitrotoluene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.00E+02 |

| | | | | | | | | | | |
|--|------|-------|-------------|--------|--------|--------|--------|--------|-------------|-------------|
| 1,2-Dinitrobenzene | mg/L | 0.001 | USEPA 8270D | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Acenaphthylene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.40E+05 |
| 3-Nitroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+03 |
| Acenaphthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.40E+05 |
| 2,4-Dinitrophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| 4-Nitrophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.50E+04 |
| 2,4-Dinitrotoluene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 3.00E+02 |
| Dibenzofuran | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+04 |
| 2,3,5,6-Tetrachlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 2.20E+05 |
| 2,3,4,6-Tetrachlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 10 | 2.20E+05 |
| Diethyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 5.80E+06 |
| 4-Chlorophenyl phenyl ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.40E-02 |
| 4-Nitroaniline | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.00E+04 |
| 4,6-Dinitro-2-methylphenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Fluorene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.90E+05 |
| N-nitrosodiphenylamine (diphenylamine) | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.80E+05 |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.90E+03 |
| 4-Bromophenyl phenyl ether | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.40E+01 |
| Hexachlorobenzene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.5 | 1.0E+00 |
| Pentachlorophenol | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 3 | 1.0E+00 |
| Phenanthrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 5 | 2.20E+05 |
| Anthracene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 5 | 2.20E+06 |
| Carbazole | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 1.00E+04 |
| Di-n-butyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Fluoranthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 1 | 2.90E+05 |
| Benzidine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 8.90E-01 |
| 3,3'-Dimethylbenzidine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Pyrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.20E+05 |
| Butyl benzyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Bis(2-ethylhexyl) adipate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | Not defined |
| Bis(2-ethylhexyl) phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 6.0E+00 |
| 3,3'-Dichlorobenzidine | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 4.50E+02 |
| Benz(a)anthracene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.5 | Not defined |
| Chrysene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.2 | 2.00E+05 |
| Di-n-octyl phthalate | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 7.30E+04 |
| Benzo(b)fluoranthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.00E+03 |
| Benzo(k)fluoranthene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.00E+04 |
| Benzo(a)pyrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.0E-01 |
| Indeno(1,2,3-cd)pyrene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.00E+03 |
| Dibenz(a,h)anthracene | mg/L | 0.001 | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | Not defined | 2.00E+02 |
| Benzo(g,hi)perylene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.05 | 2.20E+05 | |
| TIC's | mg/L | - | ND | ND | ND | ND | ND | - | - | |

- Notes:**
1. ISO/IEC 17025-2005 Accredited Test: [1]-ENAS
 2. The test results relate only to the item(s) tested. This report shall not be reproduced except in full, without written
 3. 22nd Edition of APHA Methods is used.
 4. ND: Not Detected.

METALS IN WATER

| Test Report on Metals in Water | | | | | | | | | | | | | |
|---------------------------------------|------|------------------------------------|----------|---------|--------|--------|---------------|--------|-------------------------------|-------------------------------|--------------------|---------|---------|
| Client | | M/S. TECNICAS REUNIDAS | | | | | Request No. | | | SD18000031 | | | |
| Project | | Proposed SEWA Hamriyah Power Plant | | | | | Date Received | | | 12/06/2018 | | | |
| Sample Description | | Ground Water | | | | | Date Tested | | | 18/06/2018 | | | |
| Elements | Unit | Test Method | MDL mg/L | Results | | | | | | | | | |
| | | | | BH-1 | BH-2 | BH-3 | BH-4 | BH-5 | Dutch Intervention Value µg/L | Dutch Intervention Value mg/L | US EPA (2017) µg/L | | |
| Arsenic* | mg/L | APHA3120B | 0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 60 | 0.06 | 1.0E+01 |
| Barium* | mg/L | APHA3120B | 0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 625 | 0.625 | 2.0E+03 |
| Beryllium* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 15 | 0.015 | 4.0E+00 |
| Boron* | mg/L | APHA3120B | 0.09 | 3.085 | 3.035 | 2.797 | 2.824 | 2.432 | 2.432 | - | - | - | - |
| Cadmium* | mg/L | APHA3120B | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 9 | 0.006 | 5.0E+00 | |
| Calcium* | mg/L | APHA3120B | 0.11 | 235.8 | 474.4 | 460.0 | 462.2 | 305.3 | 305.3 | - | - | - | - |
| Chromium (Total)* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 0.03 | 1.0E+02 | |
| Copper* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 75 | 0.075 | 1.3E+03 | |
| Iron (Total)* | mg/L | APHA3120B | 0.09 | 0.279 | 0.006 | <0.09 | <0.09 | <0.09 | <0.09 | - | - | - | - |
| Lead* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | - | - | - |
| Magnesium | mg/L | APHA3120B | 0.10 | 518.2 | 1566 | 1488 | 1374 | 1021 | 1021 | - | - | - | - |
| Manganese* | mg/L | APHA3120B | 0.02 | 0.233 | 0.622 | 0.606 | 0.107 | 0.117 | 0.117 | - | - | - | - |
| Molybdenum | mg/L | APHA3120B | 0.01 | <0.01 | 0.013 | 0.013 | <0.01 | 0.013 | 0.013 | 300 | 0.3 | - | - |
| Nickel * | mg/L | APHA3120B | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 75 | 0.075 | - | - |
| Potassium | mg/L | APHA3120B | 0.10 | 234.9 | 467.6 | 448.1 | 443.1 | 325.0 | 325.0 | - | - | - | - |
| Selenium* | mg/L | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | - | - | 5.0E+01 |
| Sodium | mg/L | APHA3120B | 0.12 | 594.8 | 13700 | 12850 | 12220 | 8763 | 8763 | - | - | - | - |
| Vanadium | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | - | - | - |
| Zinc* | mg/L | APHA3120B | 0.02 | <0.02 | 0.006 | <0.02 | <0.02 | <0.02 | <0.02 | 800 | 0.8 | - | - |
| Mercury | mg/L | APHA3120B | 0.003 | <0.003 | <0.003 | <0.003 | <0.003 | <0.003 | <0.003 | 0.3 | 0.0003 | 2.0E+00 | - |
| Sulphate* | mg/L | BS1377 P.3 CL 5 | | 1853 | 3008 | 2310 | 3084 | 2264 | 2264 | - | - | - | - |
| Chloride* | mg/L | BS1377 P.3 CL 7 | | 8799 | 23349 | 22637 | 22281 | 15191 | 15191 | - | - | - | - |
| pH* | | BS1377 P.3 CL 9 | | 7.3 | 7.5 | 7.5 | 7.8 | 7.6 | 7.6 | - | - | - | - |
| Carbonates | mg/L | ASTM D 1067-11 | | Nil | Nil | Nil | Nil | Nil | Nil | - | - | - | - |
| Bicarbonates | mg/L | ASTM D 1067-11 | | 1776 | 507 | 556 | 519 | 701 | 701 | - | - | - | - |
| Total Alkalinity as CaCo ₃ | mg/L | APHA | | 1455 | 416 | 455 | 426 | 574 | 574 | - | - | - | - |
| Total Hardness as CaCo ₃ | mg/L | APHA | | 2740 | 7685 | 7325 | 6858 | 5000 | 5000 | - | - | - | - |

Note: *DAC Accredited

METALS IN WATER ADDITIONAL WORKS

| Test Report on Metals in Water | | | | | | | | | | | | |
|---------------------------------------|------|------------------------------------|----------|---------------|--------|---------------|--------|--------|-------------------------------|-------------------------------|--------------------|---------|
| Client | | M/S. TECNICAS REUNIDAS | | Request No. | | SD18000031 | | | | | | |
| Project | | Proposed SEWA Hamriyah Power Plant | | Date Received | | 07/07/2018 | | | | | | |
| Sample Description | | Ground Water | | Date Tested | | 09-11/07/2018 | | | | | | |
| Elements | Unit | Test Method | MDL mg/L | Results | | | | | | | | |
| | | | | BH-01E | BH-02E | BH-03E | BH-04E | BH-05E | Dutch Intervention Value µg/L | Dutch Intervention Value mg/L | US EPA (2017) µg/L | |
| Arsenic* | mg/L | APHA3120B | 0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 60 | 0.06 | 1.0E+01 |
| Barium* | mg/L | APHA3120B | 0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 625 | 0.625 | 2.0E+03 |
| Beryllium* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 15 | 0.015 | 4.0E+00 |
| Boron* | mg/L | APHA3120B | 0.09 | 3.394 | 3.332 | 3.148 | 3.324 | 3.153 | - | - | - | - |
| Cadmium* | mg/L | APHA3120B | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 6 | 0.006 | 5.0E+00 |
| Calcium* | mg/L | APHA3120B | 0.11 | 205.8 | 408.1 | 344.9 | 496.2 | 363.4 | - | - | - | - |
| Chromium (Total)* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 0.03 | 1.0E+02 |
| Copper* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 75 | 0.075 | 1.3E+03 |
| Iron (Total)* | mg/L | APHA3120B | 0.09 | 0.346 | <0.09 | <0.09 | <0.09 | <0.09 | <0.09 | - | - | - |
| Lead* | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | - | - |
| Magnesium | mg/L | APHA3120B | 0.10 | 493.5 | 1177 | 1144 | 1385 | 1214 | - | - | - | - |
| Manganese* | mg/L | APHA3120B | 0.02 | 0.104 | <0.02 | 0.164 | 0.034 | 0.110 | - | - | - | - |
| Molybdenum | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | 0.014 | <0.01 | 0.015 | 0.015 | 300 | 0.3 | - |
| Nickel * | mg/L | APHA3120B | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 75 | 0.075 | - |
| Potassium | mg/L | APHA3120B | 0.10 | 239.3 | 405.0 | 380.1 | 481.0 | 400.3 | - | - | - | - |
| Selenium* | mg/L | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | - | 5.0E+01 |
| Sodium | mg/L | APHA3120B | 0.12 | 5560 | 10250 | 9645 | 11890 | 10080 | - | - | - | - |
| Vanadium | mg/L | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | - | - |
| Zinc* | mg/L | APHA3120B | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 800 | 0.8 | - |
| Mercury | mg/L | APHA3120B | 0.003 | <0.003 | <0.003 | <0.003 | <0.003 | <0.003 | <0.003 | 0.3 | 0.0003 | 2.0E+00 |
| Sulphate* | mg/L | BS1377 P.3 CL 5 | | 2053 | 2762 | 2511 | 3147 | 2702 | - | - | - | - |
| Chloride* | mg/L | BS1377 P.3 CL 7 | | 9378 | 18773 | 18062 | 22499 | 18595 | - | - | - | - |
| pH* | | BS1377 P.3 CL 9 | | 7.4 | 7.4 | 7.2 | 7.5 | 7.5 | 7.5 | - | - | - |
| Carbonates | mg/L | ASTM D 1067-11 | | Nil | Nil | Nil | Nil | Nil | Nil | - | - | - |
| Bicarbonates | mg/L | ASTM D 1067-11 | | 1087 | 773 | 785 | 556 | 592 | - | - | - | - |
| Total Alkalinity as CaCO ₃ | mg/L | APHA | | 891 | 634 | 644 | 455 | 485 | - | - | - | - |
| Total Hardness as CaCO ₃ | mg/L | APHA | | 2563 | 5905 | 5610 | 6988 | 5947 | - | - | - | - |

Note: * DAC Accredited

APPENDIX D2

CHEMICAL TEST RESULTS OF SOIL SAMPLES

ANALYSIS OF SOIL

TEST REPORT ON ANALYSIS OF SOIL

| | | | |
|--------------------|------------------------------------|--------------------|-------------------------------------|
| Owner | M/S. TECNICAS REUNIDAS | Report No. | SD18000031 |
| Contractor | N.P. | Date Reported | 15/07/18 |
| Consultant | N.P. | Sample No. | SD18000031 |
| Project No. | N.P. | Request No. | SD18000031 |
| Project Name | Proposed SEWA Hamriyah Power Plant | Client Reference | Request dated 10/06/2018 (SC18-096) |
| Sample Description | Soil | Sample Size | 23 samples/2 kg each |
| Source | See below | Sampling Date | 09/06/18 |
| Sample Location | See below | Sampling Cert. No. | N.P. |
| Lot No. | N.P. | Sampling Method | N.P. |
| Lot Size | N.P. | Sampled By | Client's Rep. |
| Test Method Var. | None | Sample Brt. In By | Client's Rep. |
| Tested By: | Winelen, Hans | Date Received | 10/06/18 |
| | | Date Tested | 10 - 13/06/2018 |

TOTAL ORGANIC CARBON :

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | US EPA (2017) Industrial Soil mg/kg |
|----------------------|------|------|----------------------|--------------|--------|--------|--------|--------|--|--|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention values (2013) mg/kg | | |
| Total Organic Carbon | % | 0.01 | Walkley-black method | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | - | | |
| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | US EPA (2017) Industrial Soil mg/kg |
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention values (2013) mg/kg | | |
| Total Organic Carbon | % | 0.01 | Walkley-black method | 0.05 | 0.04 | 0.05 | 0.04 | 0.03 | 0.05 | - | | |
| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | US EPA (2017) Industrial Soil mg/kg |
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention values (2013) mg/kg | | |
| Total Organic Carbon | % | 0.01 | Walkley-black method | 0.05 | 0.01 | 0.02 | 0.05 | 0.05 | 0.05 | - | | |
| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | US EPA (2017) Industrial Soil mg/kg |
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention values (2013) mg/kg | | | |
| Total Organic Carbon | % | 0.01 | Walkley-black method | 0.07 | 0.03 | 0.03 | 0.06 | 0.01 | | | | |

BTEX

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | US EPA (2017) Industrial Soil mg/kg |
|------------------------------|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--|----------|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention values (2013) mg/kg | | |
| Benzene ^[1] | µg/kg | 0.52 | USEPA 8260C | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 | |
| Toluene ^[1] | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 | |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.5E+01 | |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 (mixed isomers) | 2.40E+03 | |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | | 2.8E+03 | |
| BTEX ^[1] | µg/kg | 3.19 | | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | - | | |
| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | US EPA (2017) Industrial Soil mg/kg |
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention values (2013) mg/kg | | |
| Benzene ^[1] | µg/kg | 0.52 | USEPA 8260C | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 | |
| Toluene ^[1] | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 | |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.5E+01 | |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 (mixed isomers) | 2.40E+03 | |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | | 2.8E+03 | |
| BTEX ^[1] | µg/kg | 3.19 | | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | - | | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|------------------------------|-------|------|-------------|--------------|--------|--------|--------|--------|--------|--|-------------------------------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Benzene ^[1] | µg/kg | 0.52 | USEPA 8260C | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Toluene ^[1] | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.5E+01 |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 (mixed isomers) | 2.40E+03 |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | | 2.8E+03 |
| BTEX ^[1] | µg/kg | 3.19 | | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | - | - |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|------------------------------|-------|------|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | | |
| Benzene ^[1] | µg/kg | 0.52 | USEPA 8260C | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Toluene ^[1] | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.5E+01 |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 (mixed isomers) | 2.40E+03 |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | | 2.8E+03 |
| BTEX ^[1] | µg/kg | 3.19 | | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | - | - |

TOTAL PETROLEUM HYDROCARBONS (TPHCWG)

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|-----------------------------------|-------|-----|-------------|--------------|-------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | | |
| TPH C8-C38 ALIPHATIC | mg/kg | 0.1 | USEPA 8015D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 5000.00 | 3500000 |
| TPH C6-C8 AROMATIC ^[1] | mg/kg | 0.1 | USPA 8260C | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 4.20E+02 |
| TPH C10-C22 AROMATIC | mg/kg | 0.1 | USEPA 8270D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 6.00E+02 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|-----------------------------------|-------|-----|-------------|--------------|-------|-------|--------|--------|--------|--|-------------------------------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | | |
| TPH C8-C38 ALIPHATIC | mg/kg | 0.1 | USEPA 8015D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 5000.00 | 3500000 |
| TPH C6-C8 AROMATIC ^[1] | mg/kg | 0.1 | USPA 8260C | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 4.20E+02 |
| TPH C10-C22 AROMATIC | mg/kg | 0.1 | USEPA 8270D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 6.00E+02 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|-----------------------------------|-------|-----|-------------|--------------|--------|--------|--------|--------|--------|--|-------------------------------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | | |
| TPH C8-C38 ALIPHATIC | mg/kg | 0.1 | USEPA 8015D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 5000.00 | 3500000 |
| TPH C6-C8 AROMATIC ^[1] | mg/kg | 0.1 | USPA 8260C | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 4.20E+02 |
| TPH C10-C22 AROMATIC | mg/kg | 0.1 | USEPA 8270D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 6.00E+02 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|-----------------------------------|-------|-----|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | | |
| TPH C8-C38 ALIPHATIC | mg/kg | 0.1 | USEPA 8015D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 5000.00 | 3500000 |
| TPH C6-C8 AROMATIC ^[1] | mg/kg | 0.1 | USPA 8260C | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 4.20E+02 |
| TPH C10-C22 AROMATIC | mg/kg | 0.1 | USEPA 8270D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 6.00E+02 |

POLYNUCLEAR AROMATIC HYDROCARBONS

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|----------------|-------|------|-------------|--------------|-------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | | |
| Naphthalene | mg/kg | 0.05 | USEPA 8270D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 1.7E+01 |
| Acenaphthylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.5E+04 |
| Fluorene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 3.0E+04 |
| Phenanthrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.3E+05 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|-------|-------|-------|--|-------------------------------------|----------------------|-------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| Fluoranthene | mg/kg | 0.05 | USEPA 8270D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 3.0E+04 | |
| Pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.3E+04 |
| Benz(a)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Chrysene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+00 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+00 |
| Benzo(g,h,i)perylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Polynuclear Aromatic Hydrocarbons (PAHs) | mg/kg | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 | - | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--|-------------------------------------|----------------------|-------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| Naphthalene | mg/kg | 0.05 | USEPA 8270D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 1.7E+01 | |
| Acenaphthylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.5E+04 |
| Fluorene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 3.0E+04 |
| Phenanthrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.3E+05 |
| Fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 3.0E+04 |
| Pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.3E+04 |
| Benz(a)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Chrysene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+00 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+00 |
| Benzo(g,h,i)perylene | mg/kg | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined | |
| Polynuclear Aromatic Hydrocarbons (PAHs) | mg/kg | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 | - | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|----------------------|-------|------|-------------|--------------|--------|--------|--------|--------|--------|--|-------------------------------------|----------------------|-------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| Naphthalene | mg/kg | 0.05 | USEPA 8270D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 1.7E+01 | |
| Acenaphthylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.5E+04 |
| Fluorene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 3.0E+04 |
| Phenanthrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.3E+05 |
| Fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 3.0E+04 |
| Pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.3E+04 |
| Benz(a)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Chrysene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+00 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|--|-------|------|-------------|--------------|--------|--------|--------|--------|--------|--|-------------------------------------|-------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+00 |
| Benzo(g,h,i)perylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Polynuclear Aromatic Hydrocarbons (PAHs) | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|-------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| Naphthalene | mg/kg | 0.05 | USEPA 8270D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 1.7E+01 |
| Acenaphthylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.5E+04 |
| Fluorene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 3.0E+04 |
| Phenanthrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.3E+05 |
| Fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 3.0E+04 |
| Pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.3E+04 |
| Benz(a)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Chrysene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+00 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+00 |
| Benzo(g,h,i)perylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Polynuclear Aromatic Hydrocarbons (PAHs) | mg/kg | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 | | |

POLYCHLORINATED BIPHENYLS

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|---|-------|------|-------------|--------------|-------|-------|-------|-------|-------|--|-------------------------------------|-------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | mg/kg | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.16 |
| 3,4,4',5-Tetrachlorobiphenyl (PCB81) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.05 |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2,3,4,4',5-Pentachlorobiphenyl (PCB114) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5-Pentachlorobiphenyl (PCB118) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2',3,4,4',5-Pentachlorobiphenyl (PCB123) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 3,3',4,4',5-Pentachlorobiphenyl (PCB126) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.0002 |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.51 |
| 3,3',4,4',5,5'-Hexachlorobiphenyl (PCB169) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.001 |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.52 |
| Total PCBs | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.00 | Not defined |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--|-------------------------------------|------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | mg/kg | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.16 |
| 3,4,4',5-Tetrachlorobiphenyl (PCB81) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.05 |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2,3,4,4',5-Pentachlorobiphenyl (PCB114) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5-Pentachlorobiphenyl (PCB118) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|---|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--|-------------------------------------|-------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 2,3,4,4',5-Pentachlorobiphenyl (PCB123) | mg/kg | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 3,3',4,4',5-Pentachlorobiphenyl (PCB126) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.0002 |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3,4,4',5'-Hexachlorobiphenyl (PCB167) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.51 |
| 3,3',4,4',5,5'-Hexachlorobiphenyl (PCB169) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.001 |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.52 |
| Total PCBs | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.00 | Not defined |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|---|-------|------|-------------|--------------|--------|--------|--------|--------|--------|--|-------------------------------------|-------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | mg/kg | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.16 |
| 3,4,4',5-Tetrachlorobiphenyl (PCB81) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.05 |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2,3,4,4',5-Pentachlorobiphenyl (PCB114) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5-Pentachlorobiphenyl (PCB118) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2',3,4,4',5-Pentachlorobiphenyl (PCB123) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 3,3',4,4',5-Pentachlorobiphenyl (PCB126) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.0002 |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB157) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.51 |
| 3,3',4,4',5,5'-Hexachlorobiphenyl (PCB169) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.001 |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.52 |
| Total PCBs | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.00 | Not defined |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|---|-------|------|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|-------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | mg/kg | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.16 | |
| 3,4,4',5-Tetrachlorobiphenyl (PCB81) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.05 | |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 | |
| 2,3,4,4',5-Pentachlorobiphenyl (PCB114) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 | |
| 2,3',4,4',5-Pentachlorobiphenyl (PCB118) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 | |
| 2',3,4,4',5-Pentachlorobiphenyl (PCB123) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 | |
| 3,3',4,4',5-Pentachlorobiphenyl (PCB126) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.0002 | |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 | |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB157) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 | |
| 2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.51 | |
| 3,3',4,4',5,5'-Hexachlorobiphenyl (PCB169) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.001 | |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.52 | |
| Total PCBs | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.00 | Not defined |

VOLATILE ORGANIC COMPOUNDS (VOCs) + TIC's

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|---|-------|------|-------------|--------------|-------|-------|-------|-------|-------------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Dichlorodifluoromethane ⁽¹⁾ | µg/kg | 0.60 | USEPA 8260C | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | Not defined |
| Chloromethane ⁽¹⁾ | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | Not defined | 4.6E+02 |
| Vinyl chloride ⁽¹⁾ | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 0.1 | 1.7E+00 |
| Bromomethane ⁽¹⁾ | µg/kg | 0.67 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | Not defined | 8.6E+01 |
| Chloroethane ⁽¹⁾ | µg/kg | 0.28 | | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | Not defined | 5.7E+04 |
| Trichlorofluoromethane ⁽¹⁾ | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 3.5E+05 |
| Acetonitrile ⁽¹⁾ | µg/kg | 1.81 | | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | Not defined | 3.4E+03 |
| Acetone ⁽¹⁾ | µg/kg | 2.75 | | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | Not defined | 6.7E+05 |
| Diethyl ether ⁽¹⁾ | µg/kg | 1.03 | | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | Not defined | Not defined |
| 1,1-Dichloroethene ⁽¹⁾ | µg/kg | 0.91 | | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | 0.3 | Not defined |
| Iodomethane ⁽¹⁾ | µg/kg | 0.87 | | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | Not defined | Not defined |
| Propionitrile ⁽¹⁾ | µg/kg | 0.77 | | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | Not defined | Not defined |
| Acrylonitrile ⁽¹⁾ | µg/kg | 0.85 | | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | Not defined | 1.1E+00 |
| Methylene chloride ⁽¹⁾ | µg/kg | 1.21 | | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | Not defined | 1.0E+03 |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ⁽¹⁾ | µg/kg | 0.98 | | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | Not defined | 2.8E+04 |
| Allyl chloride ⁽¹⁾ | µg/kg | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | Not defined | 3.2E+00 |
| Carbon disulfide ⁽¹⁾ | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.9E+00 |
| trans-1,2-Dichloroethene ⁽¹⁾ | µg/kg | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 1 (aggr) | Not defined |
| MTBE ⁽¹⁾ | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | 100 | 2.1E+02 |
| 1,1-Dichloroethane ⁽¹⁾ | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 0.3 | Not defined |
| Chloroprene ⁽¹⁾ | µg/kg | 3.11 | | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | Not defined | Not defined |
| 2-Butanone (MEK) ⁽¹⁾ | µg/kg | 6.81 | | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | Not defined | 1.9E+05 |
| Methacrylonitrile ⁽¹⁾ | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | Not defined | 1.0E+02 |
| cis-1,2-Dichloroethene ⁽¹⁾ | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | Not defined |
| Bromochloromethane ⁽¹⁾ | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.3E+00 |
| Chloroform ⁽¹⁾ | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 5.6 | 1.4E+00 |
| Methyl acrylate ⁽¹⁾ | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 6.1E+02 |
| 2,2-Dichloropropane ⁽¹⁾ | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 2 (aggr) | Not defined |
| Tetrahydrofuran ⁽¹⁾ | µg/kg | 1.64 | | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | 7 | 9.4E+04 |
| 1,2-Dichloroethane ⁽¹⁾ | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 2.0E+00 |
| 1,1,1-Trichloroethane ⁽¹⁾ | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 15 | 3.6E+04 |
| 1,1-Dichloropropene ⁽¹⁾ | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | Not defined | Not defined |
| Carbon Tetrachloride ⁽¹⁾ | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | 2.9E+00 |
| Benzene ⁽¹⁾ | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Dibromomethane ⁽¹⁾ | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 9.9E+01 |
| 1,2-Dichloropropane ⁽¹⁾ | µg/kg | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | 2 (aggr) | 1.2E+00 |
| Trichloroethene ⁽¹⁾ | µg/kg | 0.76 | | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | 2.5 | Not defined |
| Bromodichloromethane ⁽¹⁾ | µg/kg | 0.74 | | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | Not defined | Not defined |
| Methyl methacrylate ⁽¹⁾ | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.9E+04 |
| cis-1,3-Dichloropropene ⁽¹⁾ | µg/kg | 0.39 | | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | Not defined | Not defined |
| 4-Methyl-2-pentanone (MIBK) ⁽¹⁾ | µg/kg | 2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | Not defined | 1.4E+05 | |
| trans-1,3-Dichloropropene ⁽¹⁾ | µg/kg | 0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | Not defined | |
| 1,1,2-Trichloroethane ⁽¹⁾ | µg/kg | 0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 10 | 5.0E+00 | |
| Toluene ⁽¹⁾ | µg/kg | 0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 | |
| 1,3-Dichloropropane ⁽¹⁾ | µg/kg | 0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 2 (aggr) | 2.3E+04 | |
| Ethyl methacrylate ⁽¹⁾ | µg/kg | 0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | Not defined | 7.6E+03 | |
| 2-Hexanone ⁽¹⁾ | µg/kg | 3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | Not defined | 1.3E+03 | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|--|-------|------|---------------------|--------------|-------|-------|-------|-------|-------------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Dibromochloromethane ⁽¹⁾ | µg/kg | 0.35 | USEPA 8260C | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 3.90E+01 |
| 1,2-Dibromoethane-EDB ⁽¹⁾ | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | Not defined | 1.60E-01 |
| Tetrachloroethene ⁽¹⁾ | µg/kg | 0.78 | | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | 8.8 | Not defined |
| 1,1,1,2-Tetrachloroethane ⁽¹⁾ | µg/kg | 0.34 | | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | Not defined | 8.80E+00 |
| Chlorobenzene ⁽¹⁾ | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | Not defined | 1.30E+03 |
| Ethylbenzene ⁽¹⁾ | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.50E+01 |
| m & p- Xylene ⁽¹⁾ | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 | 2.40E+03 |
| Bromoform ⁽¹⁾ | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 75 | 8.60E+01 |
| cis-1,4-Dichloro-2-butene ⁽¹⁾ | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 9.40E-03 |
| Styrene ⁽¹⁾ | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 86 | 3.50E+04 |
| 1,1,2,2-Tetrachloroethane ⁽¹⁾ | µg/kg | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | Not defined | 8.80E+00 |
| o-Xylene ⁽¹⁾ | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 17 | 2.5E+03 |
| 1,2,3-Trichloropropane ⁽¹⁾ | µg/kg | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | 1.10E-01 |
| trans-1,4-Dichloro-2-butene ⁽¹⁾ | µg/kg | 1.43 | | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | Not defined | 3.20E-02 |
| Isopropylbenzene ⁽¹⁾ | µg/kg | 0.38 | | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | Not defined | Not defined |
| Bromobenzene ⁽¹⁾ | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | Not defined | 1.80E+03 |
| n-Propylbenzene ⁽¹⁾ | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | 2.40E+04 |
| 2-Chlorotoluene ⁽¹⁾ | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | Not defined |
| 4-Chlorotoluene ⁽¹⁾ | µg/kg | 0.72 | | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ⁽¹⁾ | µg/kg | 0.43 | | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | Not defined | 1.50E+03 |
| Pentachloroethane ⁽¹⁾ | µg/kg | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | Not defined | 3.60E+01 |
| tert-Butylbenzene ⁽¹⁾ | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | Not defined | 1.20E+05 |
| 1,2,4-Trimethylbenzene ⁽¹⁾ | µg/kg | 0.40 | | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | Not defined | 1.80E+03 |
| sec-Butylbenzene ⁽¹⁾ | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | Not defined | 1.20E+05 |
| 1,3-Dichlorobenzene ⁽¹⁾ | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 19 (aggr) | Not defined |
| 1,4-Dichlorobenzene ⁽¹⁾ | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 19 (aggr) | 1.10E+01 |
| p-Isopropyltoluene (p-Cymene) ⁽¹⁾ | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | Not defined |
| 1,2-Dichlorbenzene ⁽¹⁾ | µg/kg | 0.73 | | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | 19 (aggr) | 9.30E+03 |
| n-Butylbenzene ⁽¹⁾ | µg/kg | 0.65 | | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | Not defined | 5.80E+04 |
| 1,2-Dibromo-3-Chloropropane ⁽¹⁾ | µg/kg | 1.25 | | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | Not defined | 6.40E-02 |
| 1,2,4-Trichlorobenzene ⁽¹⁾ | µg/kg | 0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 11 (aggr) | 1.10E+02 | |
| Naphthalene ⁽¹⁾ | µg/kg | 1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | 1.70E+01 | |
| Hexachlorobutadiene ⁽¹⁾ | µg/kg | 0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | Not defined | 5.30E+00 | |
| 1,2,3-Trichlorobenzene ⁽¹⁾ | µg/kg | 0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 9.30E+02 | |
| TIC's | µg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | ND | | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--------------------------------|-------------------------------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Dichlorodifluoromethane ⁽¹⁾ | µg/kg | 0.60 | USEPA 8260C | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | Not defined |
| Chloromethane ⁽¹⁾ | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | Not defined | 4.6E+02 |
| Vinyl chloride ⁽¹⁾ | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 0.1 | 1.7E+00 |
| Bromomethane ⁽¹⁾ | µg/kg | 0.67 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | Not defined | 8.6E+01 |
| Chloroethane ⁽¹⁾ | µg/kg | 0.28 | | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | Not defined | 5.7E+04 |
| Trichlorofluoromethane ⁽¹⁾ | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 3.5E+05 |
| Acetonitrile ⁽¹⁾ | µg/kg | 1.81 | | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | Not defined | 3.4E+03 |
| Acetone ⁽¹⁾ | µg/kg | 2.75 | | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | Not defined | 6.7E+05 |
| Diethyl ether ⁽¹⁾ | µg/kg | 1.03 | | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | Not defined | Not defined |
| 1,1-Dichloroethene ⁽¹⁾ | µg/kg | 0.91 | | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | 0.3 | Not defined |
| Iodomethane ⁽¹⁾ | µg/kg | 0.87 | | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | Not defined | Not defined |
| Propionitrile ⁽¹⁾ | µg/kg | 0.77 | | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | Not defined | Not defined |
| Acrylonitrile ⁽¹⁾ | µg/kg | 0.85 | | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | Not defined | 1.1E+00 |

| Test Parameter | Unit | MDL | USEPA 8260C | Test Results | | | | | | | | |
|---|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ^[1] | µg/kg | 0.98 | | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | Not defined | 2.8E+04 |
| Allyl chloride ^[1] | µg/kg | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | Not defined | 3.2E+00 |
| Carbon disulfide ^[1] | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.9E+00 |
| trans-1,2-Dichloroethene ^[1] | µg/kg | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 1 (aggr) | Not defined |
| MTBE ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | 100 | 2.1E+02 |
| 1,1-Dichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 0.3 | Not defined |
| Chloroprene ^[1] | µg/kg | 3.11 | | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | Not defined | Not defined |
| 2-Butanone (MEK) ^[1] | µg/kg | 6.81 | | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | Not defined | 1.9E+05 |
| Methacrylonitrile ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | Not defined | 1.0E+02 |
| cis-1,2-Dichloroethene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | Not defined |
| Bromochloromethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.3E+00 |
| Chloroform ^[1] | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 5.6 | 1.4E+00 |
| Methyl acrylate ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 6.1E+02 |
| 2,2-Dichloropropane ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 2 (aggr) | Not defined |
| Tetrahydrofuran ^[1] | µg/kg | 1.64 | | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | 7 | 9.4E+04 |
| 1,2-Dichloroethane ^[1] | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 2.0E+00 |
| 1,1,1-Trichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 15 | 3.6E+04 |
| 1,1-Dichloropropene ^[1] | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | Not defined | Not defined |
| Carbon Tetrachloride ^[1] | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | 2.9E+00 |
| Benzene ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Dibromomethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 9.9E+01 |
| 1,2-Dichloropropane ^[1] | µg/kg | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | 2 (aggr) | 1.2E+00 |
| Trichloroethene ^[1] | µg/kg | 0.76 | | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | 2.5 | Not defined |
| Bromodichloromethane ^[1] | µg/kg | 0.74 | | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | Not defined | Not defined |
| Methyl methacrylate ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.9E+04 |
| cis-1,3-Dichloropropene ^[1] | µg/kg | 0.39 | | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | Not defined | Not defined |
| 4-Methyl-2-pentanone (MIBK) ^[1] | µg/kg | 2.57 | | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | Not defined | 1.4E+05 |
| trans-1,3-Dichloropropene ^[1] | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | Not defined |
| 1,1,2-Trichloroethane ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 10 | 5.0E+00 |
| Toluene ^[1] | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 |
| 1,3-Dichloropropane ^[1] | µg/kg | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 2 (aggr) | 2.3E+04 |
| Ethyl methacrylate ^[1] | µg/kg | 0.78 | | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | Not defined | 7.6E+03 |
| 2-Hexanone ^[1] | µg/kg | 3.40 | | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | Not defined | 1.3E+03 |
| Dibromochloromethane ^[1] | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 3.90E+01 |
| 1,2-Dibromoethane-EDB ^[1] | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | Not defined | 1.60E-01 |
| Tetrachloroethene ^[1] | µg/kg | 0.78 | | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | 8.8 | Not defined |
| 1,1,1,2-Tetrachloroethane ^[1] | µg/kg | 0.34 | | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | Not defined | 8.80E+00 |
| Chlorobenzene ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | Not defined | 1.30E+03 |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.50E+01 |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 | 2.40E+03 |
| Bromoform ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 75 | 8.60E+01 |
| cis-1,4-Dichloro-2-butene ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 9.40E-03 |
| Styrene ^[1] | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 86 | 3.50E+04 |
| 1,1,2,2-Tetrachloroethane ^[1] | µg/kg | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | Not defined | 8.80E+00 |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 17 | 2.8E+03 |
| 1,2,3-Trichloropropane ^[1] | µg/kg | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | 1.10E-01 |
| trans-1,4-Dichloro-2-butene ^[1] | µg/kg | 1.43 | | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | Not defined | 3.20E-02 |
| Isopropylbenzene ^[1] | µg/kg | 0.38 | | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | Not defined | Not defined |
| Bromobenzene ^[1] | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | Not defined | 1.80E+03 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|--|-------|------|---------------------|--------------|-------|-------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|-------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| n-Propylbenzene ^[1] | µg/kg | 0.60 | USEPA 8260C | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | 2.40E+04 | |
| 2-Chlorotoluene ^[1] | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | Not defined | Not defined |
| 4-Chlorotoluene ^[1] | µg/kg | 0.72 | | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | Not defined | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ^[1] | µg/kg | 0.43 | | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | Not defined | 1.50E+03 | Not defined |
| Pentachloroethane ^[1] | µg/kg | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | Not defined | 3.60E+01 | Not defined |
| tert-Butylbenzene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | Not defined | 1.20E+05 | Not defined |
| 1,2,4-Trimethylbenzene ^[1] | µg/kg | 0.40 | | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | Not defined | 1.80E+03 | Not defined |
| sec-Butylbenzene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | Not defined | 1.20E+05 | Not defined |
| 1,3-Dichlorobenzene ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 19 (aggr) | Not defined | Not defined |
| 1,4-Dichlorobenzene ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 19 (aggr) | Not defined | 1.10E+01 |
| p-Isopropyltoluene (p-Cymene) ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | Not defined | Not defined |
| 1,2-Dichlorobenzene ^[1] | µg/kg | 0.73 | | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | 19 (aggr) | 9.30E+03 | Not defined |
| n-Butylbenzene ^[1] | µg/kg | 0.65 | | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | Not defined | 5.80E+04 | Not defined |
| 1,2-Dibromo-3-Chloropropane ^[1] | µg/kg | 1.25 | | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | Not defined | 6.40E-02 | Not defined |
| 1,2,4-Trichlorobenzene ^[1] | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 11 (aggr) | 1.10E+02 | Not defined |
| Naphthalene ^[1] | µg/kg | 1.29 | | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | 1.70E+01 | Not defined |
| Hexachlorobutadiene ^[1] | µg/kg | 0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | Not defined | 5.30E+00 | Not defined | |
| 1,2,3-Trichlorobenzene ^[1] | µg/kg | 0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 9.30E+02 | Not defined | |
| TIC's | µg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | ND | ND | - | - | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|---|-------|------|-------------|--------------|--------|--------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|-------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| Dichlorodifluoromethane ^[1] | µg/kg | 0.60 | USEPA 8260C | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | Not defined | |
| Chloromethane ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | Not defined | 4.6E+02 | Not defined |
| Vinyl chloride ^[1] | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 0.1 | 1.7E+00 | Not defined |
| Bromomethane ^[1] | µg/kg | 0.67 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | Not defined | 8.6E+01 | Not defined |
| Chloroethane ^[1] | µg/kg | 0.28 | | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | Not defined | 5.7E+04 | Not defined |
| Trichlorofluoromethane ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 3.5E+05 | Not defined |
| Acetonitrile ^[1] | µg/kg | 1.81 | | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | Not defined | 3.4E+03 | Not defined |
| Acetone ^[1] | µg/kg | 2.75 | | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | Not defined | 6.7E+05 | Not defined |
| Diethyl ether ^[1] | µg/kg | 1.03 | | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | Not defined | Not defined | Not defined |
| 1,1-Dichloroethene ^[1] | µg/kg | 0.91 | | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | 0.3 | Not defined | Not defined |
| Iodomethane ^[1] | µg/kg | 0.87 | | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | Not defined | Not defined | Not defined |
| Propionitrile ^[1] | µg/kg | 0.77 | | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | Not defined | Not defined | Not defined |
| Acrylonitrile ^[1] | µg/kg | 0.85 | | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | Not defined | 1.1E+00 | Not defined |
| Methylene chloride ^[1] | µg/kg | 1.21 | | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | Not defined | 1.0E+03 | Not defined |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ^[1] | µg/kg | 0.98 | | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | Not defined | 2.8E+04 | Not defined |
| Allyl chloride ^[1] | µg/kg | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | Not defined | 3.2E+00 | Not defined |
| Carbon disulfide ^[1] | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.9E+00 | Not defined |
| trans-1,2-Dichloroethene ^[1] | µg/kg | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 1 (aggr) | Not defined | Not defined |
| MTBE ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | 100 | 2.1E+02 | Not defined |
| 1,1-Dichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 0.3 | Not defined | Not defined |
| Chloroprene ^[1] | µg/kg | 3.11 | | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | Not defined | Not defined | Not defined |
| 2-Butanone (MEK) ^[1] | µg/kg | 6.81 | | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | Not defined | 1.9E+05 | Not defined |
| Methacrylonitrile ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | Not defined | 1.0E+02 | Not defined |
| cis-1,2-Dichloroethene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | Not defined | Not defined |
| Bromochloromethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.3E+00 | Not defined |
| Chloroform ^[1] | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 5.6 | 1.4E+00 | Not defined |
| Methyl acrylate ^[1] | µg/kg | 0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 6.1E+02 | Not defined | |
| 2,2-Dichloropropane ^[1] | µg/kg | 0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 2 (aggr) | Not defined | Not defined | |
| Tetrahydrofuran ^[1] | µg/kg | 1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | 7 | 9.4E+04 | Not defined | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|--|-------|------|---------------------|--------------|--------|--------|--------|--------|-------------|--------------------------------|-------------------------------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| 1,2-Dichloroethane ⁽¹⁾ | µg/kg | 0.86 | USEPA 8260C | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 2.0E+00 |
| 1,1,1-Trichloroethane ⁽¹⁾ | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 15 | 3.6E+04 |
| 1,1-Dichloropropene ⁽¹⁾ | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | Not defined | Not defined |
| Carbon Tetrachloride ⁽¹⁾ | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | 2.9E+00 |
| Benzene ⁽¹⁾ | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Dibromomethane ⁽¹⁾ | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 9.9E+01 |
| 1,2-Dichloropropane ⁽¹⁾ | µg/kg | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | 2 (aggr) | 1.2E+00 |
| Trichloroethene ⁽¹⁾ | µg/kg | 0.76 | | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | 2.5 | Not defined |
| Bromodichloromethane ⁽¹⁾ | µg/kg | 0.74 | | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | Not defined | Not defined |
| Methyl methacrylate ⁽¹⁾ | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.9E+04 |
| cis-1,3-Dichloropropene ⁽¹⁾ | µg/kg | 0.39 | | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | Not defined | Not defined |
| 4-Methyl-2-pentanone (MIBK) ⁽¹⁾ | µg/kg | 2.57 | | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | Not defined | 1.4E+05 |
| trans-1,3-Dichloropropene ⁽¹⁾ | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | Not defined |
| 1,1,2-Trichloroethane ⁽¹⁾ | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 10 | 5.0E+00 |
| Toluene ⁽¹⁾ | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 |
| 1,3-Dichloropropane ⁽¹⁾ | µg/kg | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 2 (aggr) | 2.3E+04 |
| Ethyl methacrylate ⁽¹⁾ | µg/kg | 0.78 | | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | Not defined | 7.6E+03 |
| 2-Hexanone ⁽¹⁾ | µg/kg | 3.40 | | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | Not defined | 1.3E+03 |
| Dibromochloromethane ⁽¹⁾ | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 3.9E+01 |
| 1,2-Dibromoethane-EDB ⁽¹⁾ | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | Not defined | 1.60E-01 |
| Tetrachloroethene ⁽¹⁾ | µg/kg | 0.78 | | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | 8.8 | Not defined |
| 1,1,1,2-Tetrachloroethane ⁽¹⁾ | µg/kg | 0.34 | | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | Not defined | 8.80E+00 |
| Chlorobenzene ⁽¹⁾ | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | Not defined | 1.30E+03 |
| Ethylbenzene ⁽¹⁾ | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.50E+01 |
| m & p- Xylene ⁽¹⁾ | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 | 2.40E+03 |
| Bromoform ⁽¹⁾ | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 75 | 8.60E+01 |
| cis-1,4-Dichloro-2-butene ⁽¹⁾ | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 9.40E-03 |
| Styrene ⁽¹⁾ | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 86 | 3.50E+04 |
| 1,1,2,2-Tetrachloroethane ⁽¹⁾ | µg/kg | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | Not defined | 8.80E+00 |
| o-Xylene ⁽¹⁾ | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 17 | 2.8E+03 |
| 1,2,3-Trichloropropane ⁽¹⁾ | µg/kg | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | 1.10E-01 |
| trans-1,4-Dichloro-2-butene ⁽¹⁾ | µg/kg | 1.43 | | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | Not defined | 3.20E-02 |
| Isopropylbenzene ⁽¹⁾ | µg/kg | 0.38 | | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | Not defined | Not defined |
| Bromobenzene ⁽¹⁾ | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | Not defined | 1.80E+03 |
| n-Propylbenzene ⁽¹⁾ | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | 2.40E+04 |
| 2-Chlorotoluene ⁽¹⁾ | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | Not defined |
| 4-Chlorotoluene ⁽¹⁾ | µg/kg | 0.72 | | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ⁽¹⁾ | µg/kg | 0.43 | | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | Not defined | 1.50E+03 |
| Pentachloroethane ⁽¹⁾ | µg/kg | 0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | Not defined | 3.60E+01 | |
| tert-Butylbenzene ⁽¹⁾ | µg/kg | 0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | Not defined | 1.20E+05 | |
| 1,2,4-Trimethylbenzene ⁽¹⁾ | µg/kg | 0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | Not defined | 1.80E+03 | |
| sec-Butylbenzene ⁽¹⁾ | µg/kg | 0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | Not defined | 1.20E+05 | |
| 1,3-Dichlorobenzene ⁽¹⁾ | µg/kg | 0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 19 (aggr) | Not defined | |
| 1,4-Dichlorobenzene ⁽¹⁾ | µg/kg | 0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 19 (aggr) | 1.10E+01 | |
| p-Isopropyltoluene (p-Cymene) ⁽¹⁾ | µg/kg | 0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | Not defined | |
| 1,2-Dichlorobenzene ⁽¹⁾ | µg/kg | 0.73 | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | 19 (aggr) | 9.30E+03 | |
| n-Butylbenzene ⁽¹⁾ | µg/kg | 0.65 | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | Not defined | 5.80E+04 | |
| 1,2-Dibromo-3-Chloropropane ⁽¹⁾ | µg/kg | 1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | Not defined | 6.40E-02 | |
| 1,2,4-Trichlorobenzene ⁽¹⁾ | µg/kg | 0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 11 (aggr) | 1.10E+02 | |
| Naphthalene ⁽¹⁾ | µg/kg | 1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | 1.70E+01 | |
| Hexachlorobutadiene ⁽¹⁾ | µg/kg | 0.76 | USEPA 8260C | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | Not defined | 5.30E+00 |
| 1,2,3-Trichlorobenzene ⁽¹⁾ | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 9.30E+02 |
| TIC's | µg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | ND | | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | |
|---|-------|------|-------------|--------------|-------|-------|-------|-------------|--------------------------------|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Dichlorodifluoromethane ^[1] | µg/kg | 0.60 | USEPA 8260C | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | Not defined |
| Chloromethane ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | Not defined | 4.6E+02 |
| Vinyl chloride ^[1] | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 0.1 | 1.7E+00 |
| Bromomethane ^[1] | µg/kg | 0.67 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | Not defined | 8.6E+01 |
| Chloroethane ^[1] | µg/kg | 0.28 | | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | Not defined | 5.7E+04 |
| Trichlorofluoromethane ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 3.5E+05 |
| Acetonitrile ^[1] | µg/kg | 1.81 | | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | Not defined | 3.4E+03 |
| Acetone ^[1] | µg/kg | 2.75 | | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | Not defined | 6.7E+05 |
| Diethyl ether ^[1] | µg/kg | 1.03 | | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | Not defined | Not defined |
| 1,1-Dichloroethene ^[1] | µg/kg | 0.91 | | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | 0.3 | Not defined |
| Iodomethane ^[1] | µg/kg | 0.87 | | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | Not defined | Not defined |
| Propionitrile ^[1] | µg/kg | 0.77 | | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | Not defined | Not defined |
| Acrylonitrile ^[1] | µg/kg | 0.85 | | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | Not defined | 1.1E+00 |
| Methylene chloride ^[1] | µg/kg | 1.21 | | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | Not defined | 1.0E+03 |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ^[1] | µg/kg | 0.98 | | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | Not defined | 2.8E+04 |
| Allyl chloride ^[1] | µg/kg | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | Not defined | 3.2E+00 |
| Carbon disulfide ^[1] | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.9E+00 |
| trans-1,2-Dichloroethene ^[1] | µg/kg | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 1 (aggr) | Not defined |
| MTBE ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | 100 | 2.1E+02 |
| 1,1-Dichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 0.3 | Not defined |
| Chloroprene ^[1] | µg/kg | 3.11 | | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | Not defined | Not defined |
| 2-Butanone (MEK) ^[1] | µg/kg | 6.81 | | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | Not defined | 1.9E+05 |
| Methacrylonitrile ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | Not defined | 1.0E+02 |
| cis-1,2-Dichloroethene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | Not defined |
| Bromochloromethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.3E+00 |
| Chloroform ^[1] | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 5.6 | 1.4E+00 |
| Methyl acrylate ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 6.1E+02 |
| 2,2-Dichloropropane ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 2 (aggr) | Not defined |
| Tetrahydrofuran ^[1] | µg/kg | 1.64 | | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | 7 | 9.4E+04 |
| 1,2-Dichloroethane ^[1] | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 2.0E+00 |
| 1,1,1-Trichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 15 | 3.6E+04 |
| 1,1-Dichloropropene ^[1] | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | Not defined | Not defined |
| Carbon Tetrachloride ^[1] | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | 2.9E+00 |
| Benzene ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Dibromomethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 9.9E+01 |
| 1,2-Dichloropropane ^[1] | µg/kg | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | 2 (aggr) | 1.2E+00 |
| Trichloroethene ^[1] | µg/kg | 0.76 | | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | 2.5 | Not defined |
| Bromodichloromethane ^[1] | µg/kg | 0.74 | | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | Not defined | Not defined |
| Methyl methacrylate ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.9E+04 |
| cis-1,3-Dichloropropene ^[1] | µg/kg | 0.39 | | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | Not defined | Not defined |
| 4-Methyl-2-pentanone (MIBK) ^[1] | µg/kg | 2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | Not defined | 1.4E+05 | |
| trans-1,3-Dichloropropene ^[1] | µg/kg | 0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | Not defined | |
| 1,1,2-Trichloroethane ^[1] | µg/kg | 0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 10 | 5.0E+00 | |
| Toluene ^[1] | µg/kg | 0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 | |
| 1,3-Dichloropropane ^[1] | µg/kg | 0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 2 (aggr) | 2.3E+04 | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | |
|--|-------|------|---------------------|--------------|-------|-------|-------|-------------|--------------------------------|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Ethyl methacrylate ^[1] | µg/kg | 0.78 | USEPA 8260C | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | Not defined | 7.6E+03 |
| 2-Hexanone ^[1] | µg/kg | 3.40 | | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | Not defined | 1.3E+03 |
| Dibromochloromethane ^[1] | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 3.90E+01 |
| 1,2-Dibromoethane-EDB ^[1] | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | Not defined | 1.60E-01 |
| Tetrachloroethene ^[1] | µg/kg | 0.78 | | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | 8.8 | Not defined |
| 1,1,1,2-Tetrachloroethane ^[1] | µg/kg | 0.34 | | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | Not defined | 8.80E+00 |
| Chlorobenzene ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | Not defined | 1.30E+03 |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.50E+01 |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 | 2.40E+03 |
| Bromoform ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 75 | 8.60E+01 |
| cis-1,4-Dichloro-2-butene ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 9.40E-03 |
| Styrene ^[1] | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 86 | 3.50E+04 |
| 1,1,2,2-Tetrachloroethane ^[1] | µg/kg | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | Not defined | 8.80E+00 |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 17 | 2.8E+03 |
| 1,2,3-Trichloropropane ^[1] | µg/kg | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | 1.10E-01 |
| trans-1,4-Dichloro-2-butene ^[1] | µg/kg | 1.43 | | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | Not defined | 3.20E-02 |
| Isopropylbenzene ^[1] | µg/kg | 0.38 | | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | Not defined | Not defined |
| Bromobenzene ^[1] | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | Not defined | 1.80E+03 |
| n-Propylbenzene ^[1] | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | 2.40E+04 |
| 2-Chlorotoluene ^[1] | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | Not defined |
| 4-Chlorotoluene ^[1] | µg/kg | 0.72 | | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ^[1] | µg/kg | 0.43 | | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | Not defined | 1.50E+03 |
| Pentachloroethane ^[1] | µg/kg | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | Not defined | 3.60E+01 |
| tert-Butylbenzene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | Not defined | 1.20E+05 |
| 1,2,4-Trimethylbenzene ^[1] | µg/kg | 0.40 | | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | Not defined | 1.80E+03 |
| sec-Butylbenzene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | Not defined | 1.20E+05 |
| 1,3-Dichlorobenzene ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 19 (aggr) | Not defined |
| 1,4-Dichlorobenzene ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 19 (aggr) | 1.10E+01 |
| p-Isopropyltoluene (p-Cymene) ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | Not defined |
| 1,2-Dichlorobenzene ^[1] | µg/kg | 0.73 | | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | 19 (aggr) | 9.30E+03 |
| n-Butylbenzene ^[1] | µg/kg | 0.65 | | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | Not defined | 5.80E+04 |
| 1,2-Dibromo-3-Chloropropane ^[1] | µg/kg | 1.25 | | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | Not defined | 6.40E-02 |
| 1,2,4-Trichlorobenzene ^[1] | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 11 (aggr) | 1.10E+02 |
| Naphthalene ^[1] | µg/kg | 1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | 1.70E+01 | |
| Hexachlorobutadiene ^[1] | µg/kg | 0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | Not defined | 5.30E+00 | |
| 1,2,3-Trichlorobenzene ^[1] | µg/kg | 0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 9.30E+02 | |
| TIC's | µg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | | |

SEMI-VOLATILE ORGANIC COMPOUNDS + TIC's

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | |
|--------------------------|-------|------|-------------|--------------|-------|-------|-------|-------|-------|--------------------------------|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| N-Nitrosodimethylamine | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.4E-02 |
| Pyridine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 11 | 1.2E+03 |
| Phenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 14 | 2.5E+05 |
| Aniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.0E+02 |
| Bis(2-chloroethyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+00 |
| 2-Chlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.8E+03 |
| 1,3-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,4-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+01 |
| Benzyl alcohol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|-------|-------|-------|--------------------------------|-------------------------------------|-------------|-------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| 1,2-Dichlorobenzene | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 9.3E+03 | |
| Bis(2-chloroisopropyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Methylphenol/3-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| N-Nitrosodi-n-propylamine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.3E-01 |
| Hexachloroethane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+00 |
| Nitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.2E+01 |
| Isophorone | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.4E+03 |
| 2,4-Dimethylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+04 |
| 2-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Bis(2-chloroethoxy)methane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 2,4-Dichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| Naphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.70E+01 |
| 4-Chloroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 30 | Not defined |
| Hexachlorobutadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.3E+00 |
| 4-Chloro-3-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+03 |
| 1-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.3E+01 |
| Hexachlorocyclopentadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.5E+00 |
| 2,4,6-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+02 |
| 2,4,5-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Chloronaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+03 |
| 1,4-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Dimethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 82 | Not defined |
| 1,3-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| 2,6-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.5E+00 |
| 1,2-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Acenaphthylene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 3-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.5E+04 |
| 2,4-Dinitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+03 |
| 4-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,4-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.4E+00 |
| Dibenzofuran | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+03 |
| 2,3,5,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,3,4,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+04 |
| Diethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 53 | 6.60E+05 |
| 4-Chlorophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| 4,6-Dinitro-2-methylphenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| Fluorene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 | |
| N-nitrosodiphenylamine (diphenylamine) | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 | |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.6E+01 | |
| 4-Bromophenyl phenyl ether | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| Hexachlorobenzene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 2 | 9.6E-01 | |
| Pentachlorophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| Phenanthrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 12 | 4.0E+00 | |
| Anthracene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+05 | |
| Carbazole | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|-----------------------------|-------|------|---------------------|--------------|-------|-------|-------|-------|-------|--------------------------------|-------------------------------------|----------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | TP-6E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| Di-n-butyl phthalate | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 36 | 8.20E+04 |
| Fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| Ben-zidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E-02 |
| 3,3'-Dimethylbenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.1E+00 |
| Pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+04 |
| Butyl benzyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.20E+03 |
| Bis(2-ethylhexyl) adipate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.90E+03 |
| Bis(2-ethylhexyl) phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.60E+02 |
| 3,3'-Dichlorobenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.10E+00 |
| Benz(a)anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Chrysene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | 2.1E+03 |
| Di-n-octyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | 2.1E+00 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+00 |
| Benzo(g,h)perylene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | Not defined | |
| TIC's | mg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | ND | - | - | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|-------------------------------|-------|------|-------------|--------------|-------|-------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| N-Nitrosodimethylamine | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.4E-02 |
| Pyridine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 11 | 1.2E+03 |
| Phenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 14 | 2.5E+05 |
| Aniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.0E+02 |
| Bis(2-chloroethyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+00 |
| 2-Chlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.8E+03 |
| 1,3-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,4-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+01 |
| Benzyl alcohol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,2-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 9.3E+03 |
| Bis(2-chloroisopropyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Methylphenol/3-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| N-Nitrosodi-n-propylamine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.3E-01 |
| Hexachloroethane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+00 |
| Nitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.2E+01 |
| Isophorone | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.4E+03 |
| 2,4-Dimethylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+04 |
| 2-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Bis(2-chloroethoxy)methane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 2,4-Dichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| Naphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.70E+01 |
| 4-Chloroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 30 | Not defined |
| Hexachlorobutadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.3E+00 |
| 4-Chloro-3-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+03 |
| 1-Methylnaphthalene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.3E+01 | |
| Hexachlorocyclopentadiene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.5E+00 | |
| 2,4,6-Trichlorophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+02 | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | | |
|--|-------|------|---------------------|--------------|-------|-------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|-------------|
| | | | | TP-7E | TP-8E | TP-9E | TP-10E | TP-11E | TP-12E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | | |
| 2,4,5-Trichlorophenol | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 | |
| 2-Chloronaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+03 |
| 1,4-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Dimethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 82 | Not defined |
| 1,3-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| 2,6-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.5E+00 |
| 1,2-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Acenaphthylene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 3-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.5E+04 |
| 2,4-Dinitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+03 |
| 4-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,4-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.4E+00 |
| Dibenzofuran | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+03 |
| 2,3,5,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,3,4,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+04 |
| Diethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 53 | 6.60E+05 |
| 4-Chlorophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| 4,6-Dinitro-2-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Fluorene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| N-nitrosodiphenylamine (diphenylamine) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.6E+01 |
| 4-Bromophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Hexachlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 2 | 9.6E-01 |
| Pentachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Phenanthrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 12 | 4.0E+00 |
| Anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+05 |
| Carbazole | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Di-n-butyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 36 | 8.20E+04 |
| Fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| Benzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E-02 |
| 3,3'-Dimethylbenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.1E+00 |
| Pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+04 |
| Butyl benzyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.20E+03 |
| Bis(2-ethylhexyl) adipate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.90E+03 |
| Bis(2-ethylhexyl) phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.60E+02 |
| 3,3'-Dichlorobenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.10E+00 |
| Benz(a)anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Chrysene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 41 (total of 10 PAH) | 2.1E+03 | |
| Di-n-octyl phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+03 | |
| Benzo(b)fluoranthene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 | |
| Benzo(k)fluoranthene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.10E+02 | |
| Benzo(a)pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | 2.1E+00 | |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 | |
| Dibenz(a,h)anthracene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+00 | |
| Benzo(g,h,i)perylene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | Not defined | |
| TIC's | mg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | ND | ND | - | - | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|-------------------------------|-------|------|-------------|--------------|--------|--------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| N-Nitrosodimethylamine | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.4E-02 |
| Pyridine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 11 | 1.2E+03 |
| Phenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 14 | 2.5E+05 |
| Aniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.0E+02 |
| Bis(2-chloroethyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+00 |
| 2-Chlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.8E+03 |
| 1,3-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,4-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+01 |
| Benzyl alcohol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,2-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 9.3E+03 |
| Bis(2-chloroisopropyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Methylphenol/3-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| N-Nitrosodi-n-propylamine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.3E-01 |
| Hexachloroethane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+00 |
| Nitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.2E+01 |
| Isophorone | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.4E+03 |
| 2,4-Dimethylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+04 |
| 2-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Bis(2-chloroethoxy)methane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 2,4-Dichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| Naphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.70E+01 |
| 4-Chloroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 30 | Not defined |
| Hexachlorobutadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.3E+00 |
| 4-Chloro-3-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+03 |
| 1-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.3E+01 |
| Hexachlorocyclopentadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.5E+00 |
| 2,4,6-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+02 |
| 2,4,5-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Chloronaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+03 |
| 1,4-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Dimethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 82 | Not defined |
| 1,3-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| 2,6-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.5E+00 |
| 1,2-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Acenaphthylene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 3-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.5E+04 | |
| 2,4-Dinitrophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+03 | |
| 4-Nitrophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| 2,4-Dinitrotoluene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.4E+00 | |
| Dibenzofuran | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+03 | |
| 2,3,5,6-Tetrachlorophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| 2,3,4,6-Tetrachlorophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+04 | |
| Diethyl phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 53 | 6.80E+05 | |
| 4-Chlorophenyl phenyl ether | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| 4-Nitroaniline | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | | | |
|--|-------|------|---------------------|--------------|--------|--------|--------|--------|--------|--------------------------------|-------------------------------------|-------------|
| | | | | TP-14E | TP-15E | TP-16E | TP-20E | TP-21E | TP-22E | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg | |
| 4,6-Dinitro-2-methylphenol | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Fluorene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| N-nitrosodiphenylamine (diphenylamine) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.6E+01 |
| 4-Bromophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Hexachlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 2 | 9.6E-01 |
| Pentachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Phenanthrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 12 | 4.0E+00 |
| Anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+05 |
| Carbazole | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Di-n-butyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 36 | 8.20E+04 |
| Fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| Benzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E-02 |
| 3,3'-Dimethylbenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.1E+00 |
| Pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+04 |
| Butyl benzyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.20E+03 |
| Bis(2-ethylhexyl) adipate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.90E+03 |
| Bis(2-ethylhexyl) phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.60E+02 |
| 3,3'-Dichlorobenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.10E+00 |
| Benz(a)anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Chrysene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 41 (total of 10 PAH) | 2.1E+03 |
| Di-n-octyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.10E+02 | |
| Benzo(a)pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | 2.1E+00 | |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 | |
| Dibenz(a,h)anthracene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+00 | |
| Benzo(g,h,i)perylene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | Not defined | |
| TIC's | mg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | ND | - | - | - |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | |
|-------------------------------|-------|------|-------------|--------------|-------|-------|-------|-------|--------------------------------|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| N-Nitrosodimethylamine | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.4E-02 |
| Pyridine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 11 | 1.2E+03 |
| Phenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 14 | 2.5E+05 |
| Aniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.0E+02 |
| Bis(2-chloroethyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+00 |
| 2-Chlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.8E+03 |
| 1,3-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,4-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+01 |
| Benzyl alcohol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,2-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 9.3E+03 |
| Bis(2-chloroisopropyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Methylphenol/3-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| N-Nitrosodi-n-propylamine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.3E-01 |
| Hexachloroethane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+00 |
| Nitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.2E+01 |
| Isophorone | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.4E+03 |
| 2,4-Dimethylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+04 |
| 2-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Bis(2-chloroethoxy)methane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | |
|--|-------|------|-------------|--------------|-------|-------|-------|-----------------|--------------------------------|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| 2,4-Dichlorophenol | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| Naphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.70E+01 |
| 4-Chloroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 30 | Not defined |
| Hexachlorobutadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.3E+00 |
| 4-Chloro-3-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+03 |
| 1-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.3E+01 |
| Hexachlorocyclopentadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.5E+00 |
| 2,4,6-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+02 |
| 2,4,5-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Chloronaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+03 |
| 1,4-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Dimethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 82 | Not defined |
| 1,3-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| 2,6-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.5E+00 |
| 1,2-Dinitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 |
| Acenaphthylene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 3-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.6E+04 |
| 2,4-Dinitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+03 |
| 4-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,4-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.4E+00 |
| Dibenzofuran | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+03 |
| 2,3,5,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,3,4,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+04 |
| Diethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 53 | 6.60E+05 |
| 4-Chlorophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| 4,6-Dinitro-2-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Fluorene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| N-nitrosodiphenylamine (diphenylamine) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.6E+01 |
| 4-Bromophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Hexachlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 2 | 9.6E-01 |
| Pentachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Phenanthrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 12 | 4.0E+00 |
| Anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+05 |
| Carbazole | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Di-n-butyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 36 | 8.20E+04 |
| Fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| Benzidine | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E-02 | |
| 3,3'-Dimethylbenzidine | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.1E+00 | |
| Pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+04 | |
| Butyl benzyl phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.20E+03 | |
| Bis(2-ethylhexyl) adipate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.90E+03 | |
| Bis(2-ethylhexyl) phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.60E+02 | |
| 3,3'-Dichlorobenzidine | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.10E+00 | |
| Benz(a)anthracene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 | |
| Chrysene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | (total of 10 PA | 2.1E+03 | |
| Di-n-octyl phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+03 | |

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | | |
|------------------------|-------|------|---------------------|--------------|-------|-------|-------|-------|--------------------------------|-------------------------------------|
| | | | | TP-15 | TP-16 | TP-17 | TP-18 | TP-19 | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
| Benzo(b)fluoranthene | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | 2.1E+00 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+00 |
| Benzo(g,h,i)perylene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | Not defined |
| TIC's | mg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | | |

- Notes:
1. The results relate only to the items tested.
 2. Tests marked with [1] are ENAS accredited in compliance with ISO/IEC 17025-2005 Standard.
 3. **MDL**: Method Detection Limit, **ND**: Not Detected
 4. Aggregate: For the composition of the aggregate parameters, see Annex N of the Dutch Soil Quality Regulation.

ANALYSIS OF SOIL ADDITIONAL WORKS

TEST REPORT ON ANALYSIS OF SOIL

| | | | |
|--------------------|---|--------------------|--|
| Owner | ACES - Dubai | Report No. | HMR18006048 |
| Contractor | Not Provided | Date Reported | 15/07/18 |
| Consultant | Not Provided | Sample No. | HMS18004020 |
| Project No. | Not Provided | Request No. | HMQ18004020 |
| Project Name | Not Provided | Client Reference | Request Dated 08/07/2018 (SC18-096 and SD18000031) |
| Sample Description | Soil | Sample Size | 5 Samples |
| Source | BH TP-01E, TP-02E, TP-03E, TP-04E, TP-05E, Depth 1.0m | Sampling Date | 08/07/18 |
| Sample Location | Site | Sampling Cert. No. | Not Provided |
| Lot No. | Not Provided | Sampling Method | Not Provided |
| Lot Size | Not Provided | Sampled By | Client's Rep. |
| Test Method | See below | Sample Brt. In By | Client's Rep. |
| Test Method Var. | None | Date Received | 08/07/18 |
| Tested By: | Hans, Winelen | Date Tested | 10 - 14/07/2018 |

II. CHEMICAL ANALYSIS:

TOTAL ORGANIC CARBON :

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
|----------------------|------|------|----------------------|--------------|-------|-------|-------|-------|--------------------------------|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| Total Organic Carbon | % | 0.01 | Walkley-black method | 0.01 | 0.03 | 0.02 | 0.02 | 0.03 | - | - |

II. ORGANICS:

BTEX

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
|------------------------------|-------|------|--------------|--------------|-------|-------|-------|-------|--------------------------------|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| Benzene ^[1] | µg/kg | 0.52 | USEPA 8260 C | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Toluene ^[1] | µg/kg | 0.54 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.5E+01 |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 (mixed isomers) | 2.40E+03 |
| o- Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | | 2.8E+03 |
| BTEX ^[1] | µg/kg | 3.19 | | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | - | |

VOLATILE ORGANIC COMPOUNDS (VOCs) + TIC's

| Tests | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
|--|-------|------|-------------|--------------|-------|-------|-------|-------|--------------------------------|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| Dichlorodifluoromethane ^[1] | µg/kg | 0.60 | USEPA 8260C | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | Not defined |
| Chloromethane ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | Not defined | 4.6E+02 |
| Vinyl chloride ^[1] | µg/kg | 0.88 | | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | 0.1 | 1.7E+00 |
| Bromomethane ^[1] | µg/kg | 0.67 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | Not defined | 8.6E+01 |
| Chloroethane ^[1] | µg/kg | 0.28 | | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | Not defined | 5.7E+04 |
| Trichlorofluoromethane ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 3.5E+05 |
| Acetonitrile ^[1] | µg/kg | 1.81 | | <1.81 | <1.81 | <1.81 | <1.81 | <1.81 | Not defined | 3.4E+03 |
| Acetone ^[1] | µg/kg | 2.75 | | <2.75 | <2.75 | <2.75 | <2.75 | <2.75 | Not defined | 6.7E+05 |
| Diethyl ether ^[1] | µg/kg | 1.03 | | <1.03 | <1.03 | <1.03 | <1.03 | <1.03 | Not defined | Not defined |

| | | | | | | | | | | | |
|---|-------|------|-------------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| 1,1-Dichloroethene ^[1] | µg/kg | 0.91 | USEPA 8260C | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | 0.3 | Not defined | |
| Iodomethane ^[1] | µg/kg | 0.87 | | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | <0.87 | Not defined | Not defined |
| Propionitrile ^[1] | µg/kg | 0.77 | | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | <0.77 | Not defined | Not defined |
| Acrylonitrile ^[1] | µg/kg | 0.85 | | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | Not defined | 1.1E+00 |
| Methylene chloride ^[1] | µg/kg | 1.21 | | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | <1.21 | Not defined | 1.0E+03 |
| 1,1,2-Trichlorotrifluoroethane (CFC-113) ^[1] | µg/kg | 0.98 | | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | <0.98 | Not defined | 2.8E+04 |
| Allyl chloride ^[1] | µg/kg | 0.57 | | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | <0.57 | Not defined | 3.2E+00 |
| Carbon disulfide ^[1] | µg/kg | 0.35 | | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | Not defined | 2.9E+00 |
| trans-1,2-Dichloroethene ^[1] | µg/kg | 0.96 | | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | 1 (aggr) | Not defined |
| MTBE ^[1] | µg/kg | 0.81 | | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | 100 | 2.1E+02 |
| 1,1-Dichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 0.3 | Not defined |
| Chloroprene ^[1] | µg/kg | 3.11 | | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | <3.11 | Not defined | Not defined |
| 2-Butanone (MEK) ^[1] | µg/kg | 6.81 | | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | <6.81 | Not defined | 1.9E+05 |
| Methacrylonitrile ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | Not defined | 1.0E+02 |
| cis-1,2-Dichloroethene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | Not defined |
| Bromochloromethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.3E+00 |
| Chloroform ^[1] | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 5.6 | 1.4E+00 |
| Methyl acrylate ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 6.1E+02 |
| 2,2-Dichloropropane ^[1] | µg/kg | 0.79 | | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | 2 (aggr) | Not defined |
| Tetrahydrofuran ^[1] | µg/kg | 1.64 | | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | <1.64 | 7 | 9.4E+04 |
| 1,2-Dichloroethane ^[1] | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 2.0E+00 |
| 1,1,1-Trichloroethane ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 15 | 3.6E+04 |
| 1,1-Dichloropropene ^[1] | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | Not defined | Not defined |
| Carbon Tetrachloride ^[1] | µg/kg | 0.61 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | 2.9E+00 |
| Benzene ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 1.1 | 5.1E+00 |
| Dibromomethane ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 9.9E+01 |
| 1,2-Dichloropropane ^[1] | µg/kg | 0.51 | | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | 2 (aggr) | 1.2E+00 |
| Trichloroethene ^[1] | µg/kg | 0.76 | | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | 2.5 | Not defined |
| Bromodichloromethane ^[1] | µg/kg | 0.74 | | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | <0.74 | Not defined | Not defined |
| Methyl methacrylate ^[1] | µg/kg | 0.90 | | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | Not defined | 1.9E+04 |
| cis-1,3-Dichloropropene ^[1] | µg/kg | 0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | Not defined | Not defined | |
| 4-Methyl-2-pentanone (MIBK) ^[1] | µg/kg | 2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | <2.57 | Not defined | 1.4E+05 | |
| trans-1,3-Dichloropropene ^[1] | µg/kg | 0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | Not defined | Not defined | |
| 1,1,2-Trichloroethane ^[1] | µg/kg | 0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 10 | 5.0E+00 | |
| Toluene ^[1] | µg/kg | 0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 32 | 4.7E+04 | |
| 1,3-Dichloropropane ^[1] | µg/kg | 0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | 2 (aggr) | 2.3E+04 | |
| Ethyl methacrylate ^[1] | µg/kg | 0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | Not defined | 7.6E+03 | |
| 2-Hexanone ^[1] | µg/kg | 3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | <3.40 | Not defined | 1.3E+03 | |
| Dibromochloromethane ^[1] | µg/kg | 0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | | | |
| 1,2-Dibromoethane-EDB ^[1] | µg/kg | 0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | <0.88 | | | |
| Tetrachloroethene ^[1] | µg/kg | 0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | | | |

| | | | | | | | | | | |
|--|-------|------|-------------|-------|-------|-------|-------|-------------|-------------|-------------|
| 1,1,1,2-Tetrachloroethane ^[1] | µg/kg | 0.34 | USEPA 8260C | <0.34 | <0.34 | <0.34 | <0.34 | <0.34 | Not defined | 8.80E+00 |
| Chlorobenzene ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | Not defined | 1.30E+03 |
| Ethylbenzene ^[1] | µg/kg | 0.44 | | <0.44 | <0.44 | <0.44 | <0.44 | <0.44 | 110 | 2.50E+01 |
| m & p- Xylene ^[1] | µg/kg | 1.14 | | <1.14 | <1.14 | <1.14 | <1.14 | <1.14 | 17 | 2.40E+03 |
| Bromoform ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | 75 | 8.60E+01 |
| cis-1,4-Dichloro-2-butene ^[1] | µg/kg | 0.63 | | <0.63 | <0.63 | <0.63 | <0.63 | <0.63 | Not defined | 9.40E-03 |
| Styrene ^[1] | µg/kg | 0.64 | | <0.64 | <0.64 | <0.64 | <0.64 | <0.64 | 86 | 3.50E+04 |
| 1,1,1,2-Tetrachloroethane ^[1] | µg/kg | 0.95 | | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | Not defined | 8.80E+00 |
| o-Xylene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | 17 | 2.8E+03 |
| 1,2,3-Trichloropropane ^[1] | µg/kg | 0.92 | | <0.92 | <0.92 | <0.92 | <0.92 | <0.92 | Not defined | 1.10E-01 |
| trans-1,4-Dichloro-2-butene ^[1] | µg/kg | 1.43 | | <1.43 | <1.43 | <1.43 | <1.43 | <1.43 | Not defined | 3.20E-02 |
| Isopropylbenzene ^[1] | µg/kg | 0.38 | | <0.38 | <0.38 | <0.38 | <0.38 | <0.38 | Not defined | Not defined |
| Bromobenzene ^[1] | µg/kg | 0.69 | | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | Not defined | 1.80E+03 |
| n-Propylbenzene ^[1] | µg/kg | 0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | Not defined | 2.40E+04 |
| 2-Chlorotoluene ^[1] | µg/kg | 0.86 | | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | Not defined |
| 4-Chlorotoluene ^[1] | µg/kg | 0.72 | | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | Not defined | Not defined |
| 1,3,5-Trimethylbenzene ^[1] | µg/kg | 0.43 | | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | Not defined | 1.50E+03 |
| Pentachloroethane ^[1] | µg/kg | 0.89 | | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | Not defined | 3.60E+01 |
| tert-Butylbenzene ^[1] | µg/kg | 0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | Not defined | 1.20E+05 |
| 1,2,4-Trimethylbenzene ^[1] | µg/kg | 0.40 | | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | Not defined | 1.80E+03 |
| sec-Butylbenzene ^[1] | µg/kg | 0.55 | | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | Not defined | 1.20E+05 |
| 1,3-Dichlorobenzene ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | 19 (aggr) | Not defined |
| 1,4-Dichlorobenzene ^[1] | µg/kg | 0.59 | | <0.59 | <0.59 | <0.59 | <0.59 | <0.59 | 19 (aggr) | 1.10E+01 |
| p-Isopropyltoluene (p-Cymene) ^[1] | µg/kg | 0.52 | | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | Not defined | Not defined |
| 1,2-Dichlorobenzene ^[1] | µg/kg | 0.73 | | <0.73 | <0.73 | <0.73 | <0.73 | <0.73 | 19 (aggr) | 9.30E+03 |
| n-Butylbenzene ^[1] | µg/kg | 0.65 | | <0.65 | <0.65 | <0.65 | <0.65 | <0.65 | Not defined | 5.80E+04 |
| 1,2-Dibromo-3-Chloropropane ^[1] | µg/kg | 1.25 | <1.25 | <1.25 | <1.25 | <1.25 | <1.25 | Not defined | 6.40E-02 | |
| 1,2,4-Trichlorobenzene ^[1] | µg/kg | 0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 11 (aggr) | 1.10E+02 | |
| Naphthalene ^[1] | µg/kg | 1.29 | <1.29 | <1.29 | <1.29 | <1.29 | <1.29 | Not defined | 1.70E+01 | |
| Hexachlorobutadiene ^[1] | µg/kg | 0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | Not defined | 5.30E+00 | |
| 1,2,3-Trichlorobenzene ^[1] | µg/kg | 0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | Not defined | 9.30E+02 | |
| TIC's | µg/kg | - | | ND | ND | ND | ND | ND | | |

TOTAL PETROLEUM HYDROCARBONS (TPHCWG)

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|-----------------------------------|-------|-----|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| TPH C8-C38 ALIPHATIC | mg/kg | 0.1 | USEPA 8015D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 5000.00 | 3500000 |
| TPH C6-C8 AROMATIC ^[1] | mg/kg | 0.1 | USPA 8260C | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 4.20E+02 |
| TPH C10-C22 AROMATIC | mg/kg | 0.1 | USEPA 8270D | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | 6.00E+02 |

POLYCHLORINATED BIPHENYLS

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|---|-------|------|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| 3,3',4,4'-Tetrachlorobiphenyl (PCB77) | mg/kg | 0.01 | USEPA 8270D | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.16 |
| 3,4,4',5-Tetrachlorobiphenyl (PCB81) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.05 |
| 2,3,3',4,4'-Pentachlorobiphenyl (PCB105) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2,3,4,4',5-Pentachlorobiphenyl (PCB114) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5-Pentachlorobiphenyl (PCB118) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 2',3,4,4',5-Pentachlorobiphenyl (PCB123) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.49 |
| 3,3',4,4',5-Pentachlorobiphenyl (PCB126) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.0002 |
| 2,3,3',4,4',5-Hexachlorobiphenyl (PCB156) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB157) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.50 |
| 2,3',4,4',5,5'-Hexachlorobiphenyl (PCB167) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.51 |
| 3,3',4,4',5,5'-Hexachlorobiphenyl (PCB169) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.001 |
| 2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB189) | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | 0.52 |
| Total PCBs | mg/kg | 0.01 | | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.00 | Not defined |

POLYNUCLEAR AROMATIC HYDROCARBONS

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil mg/kg |
|--|-------|------|-------------|--------------|-------|-------|-------|-------|--|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| Naphthalene | mg/kg | 0.05 | USEPA 8270D | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 1.7E+01 |
| Acenaphthylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 4.5E+04 |
| Fluorene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 3.0E+04 |
| Phenanthrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.3E+05 |
| Fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 3.0E+04 |
| Pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.3E+04 |
| Benz(a)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Chrysene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+03 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+01 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.10E+02 |
| Benzo(a)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+00 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | 2.1E+01 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | Not defined | 2.1E+00 |
| Benzo(g,h,i)perylene | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 (total of 10 PAH) | Not defined |
| Polynuclear Aromatic Hydrocarbons (PAHs) | mg/kg | 0.05 | | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 40 | - |

SEMI-VOLATILE ORGANIC COMPOUNDS + TIC's

| Test Parameter | Unit | MDL | Test Method | Test Results | | | | | Dutch Intervention Value mg/kg | US EPA (2017) Industrial Soil mg/kg |
|-------------------------------|-------|------|-------------|--------------|-------|-------|-------|-------------|--------------------------------|-------------------------------------|
| | | | | TP-1E | TP-2E | TP-3E | TP-4E | TP-5E | | |
| N-Nitrosodimethylamine | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.4E-02 |
| Pyridine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 11 | 1.2E+03 |
| Phenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 14 | 2.5E+05 |
| Aniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.0E+02 |
| Bis(2-chloroethyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+00 |
| 2-Chlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.8E+03 |
| 1,3-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,4-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+01 |
| Benzyl alcohol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 2-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 1,2-Dichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 9.3E+03 |
| Bis(2-chloroisopropyl) ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Methylphenol/3-Methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| N-Nitrosodi-n-propylamine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.3E-01 |
| Hexachloroethane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+00 |
| Nitrobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.2E+01 |
| Isophorone | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.4E+03 |
| 2,4-Dimethylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+04 |
| 2-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Bis(2-chloroethoxy)methane | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 2,4-Dichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+03 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| Naphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.70E+01 |
| 4-Chloroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 30 | Not defined |
| Hexachlorobutadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.3E+00 |
| 4-Chloro-3-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+03 |
| 1-Methylnaphthalene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.3E+01 |
| Hexachlorocyclopentadiene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.5E+00 |
| 2,4,6-Trichlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+02 |
| 2,4,5-Trichlorophenol | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 | |
| 2-Chloronaphthalene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined | |
| 2-Nitroaniline | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.0E+03 | |
| 1,4-Dinitrobenzene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 | |
| Dimethyl phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 82 | Not defined | |
| 1,3-Dinitrobenzene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 | |
| 2,6-Dinitrotoluene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.5E+00 | |
| 1,2-Dinitrobenzene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+01 | |

| | | | | | | | | | | |
|--|-------|------|---------------------|-------|-------|-------|-------|----------------------|-------------|-------------|
| Acenaphthylene | mg/kg | 0.02 | USEPA 8270D | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 3-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Acenaphthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 4.5E+04 |
| 2,4-Dinitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.6E+03 |
| 4-Nitrophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,4-Dinitrotoluene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 7.4E+00 |
| Dibenzofuran | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E+03 |
| 2,3,5,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 2,3,4,6-Tetrachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.5E+04 |
| Diethyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 53 | 6.60E+05 |
| 4-Chlorophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| 4-Nitroaniline | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.1E+02 |
| 4,6-Dinitro-2-methylphenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Fluorene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| N-nitrosodiphenylamine (diphenylamine) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+04 |
| 1,2-Diphenylhydrazine (as azobenzene) | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.6E+01 |
| 4-Bromophenyl phenyl ether | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Hexachlorobenzene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 2 | 9.6E-01 |
| Pentachlorophenol | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Phenanthrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 12 | 4.0E+00 |
| Anthracene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+05 |
| Carbazole | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | Not defined |
| Di-n-butyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 36 | 8.20E+04 |
| Fluoranthene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 3.0E+04 |
| Benzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.0E-02 |
| 3,3'-Dimethylbenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.1E+00 |
| Pyrene | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.3E+04 |
| Butyl benzyl phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.20E+03 |
| Bis(2-ethylhexyl) adipate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.90E+03 |
| Bis(2-ethylhexyl) phthalate | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 1.60E+02 |
| 3,3'-Dichlorobenzidine | mg/kg | 0.02 | | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 5.10E+00 |
| Benz(a)anthracene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 | |
| Chrysene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 1 (total of 10 PAH) | 2.1E+03 | |
| Di-n-octyl phthalate | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 8.2E+03 | |
| Benzo(b)fluoranthene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+01 | |
| Benzo(k)fluoranthene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.10E+02 | |
| Benzo(a)pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | 2.1E+00 | |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | | 2.1E+01 | |
| Dibenz(a,h)anthracene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | Not defined | 2.1E+00 | |
| Benzo(g,hi)perylene | mg/kg | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | 40 (total of 10 PAH) | Not defined | |
| TIC's | mg/kg | - | NIST Library Search | ND | ND | ND | ND | ND | - | - |

Notes:

1. ISO/IEC 17025-2005 Accredited Test: [1]-ENAS
2. The test results relate only to the item(s) tested. This report shall not be reproduced except in full, without written approval of
3. 22nd Edition of APHA Methods is used.

METALS IN SOIL

| Test Report on Metals in Soil | | | | | | | Permissible Reference Values | | | |
|-------------------------------|------------------------------------|-----------------|---------------|-------------------|-------------------|-------------------|------------------------------|-------------------|--|---------------------------------------|
| Client | M/S. TECNICAS REUNIDAS | Request No. | SD18000031 | | | | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | Date Received | 09/06/2018 | | | | | | | |
| Sample Description | Soil | Date Tested | 13-18/06/2018 | | | | | | | |
| Elements | Unit | Test Method | MDL mg/kg | Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil (mg/kg) |
| | | | | TP-1E Depth 1.50m | TP-2E Depth 1.50m | TP-3E Depth 1.50m | TP-4E Depth 1.50m | TP-5E Depth 1.50m | | |
| Arsenic | mg/kg | APHA3120B | 0.12 | 0.754 | 0.657 | 0.989 | 0.727 | 0.694 | 76 | 3.0E+00 (inorganic) |
| Barium | mg/kg | APHA3120B | 0.12 | 36.13 | 35.56 | 40.53 | 33.89 | 40.54 | Not defined | 2.2E+05 |
| Beryllium | mg/kg | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 2.3E+03 |
| Boron | mg/kg | APHA3120B | 0.09 | 15.46 | 14.23 | 15.60 | 13.21 | 15.70 | Not defined | 2.3E+05 |
| Cadmium | mg/kg | APHA3120B | 0.02 | 0.411 | 0.403 | 0.419 | 0.398 | 0.409 | 13 | 9.8E+02 (DIET) |
| Chromium (Total) | mg/kg | APHA3120B | 0.01 | 24.45 | 23.62 | 25.83 | 23.60 | 24.56 | 180 (Cr-III) | |
| Copper | mg/kg | APHA3120B | 0.01 | 3.693 | 3.750 | 4.081 | 32.97 | 3.894 | 190 | 4.7E+04 |
| Iron (Total) | mg/kg | APHA3120B | 0.09 | 5432 | 5310 | 5632 | 5240 | 5516 | Not defined | 8.2E+05 |
| Lead | mg/kg | APHA3120B | 0.01 | 1.932 | 1.986 | 2.003 | 3.326 | 2.033 | 530 | 8.0 E+02 |
| Manganese | mg/kg | APHA3120B | 0.02 | 206.3 | 201.9 | 192.7 | 196.5 | 201.2 | Not defined | 2.6E+04 (non diet) |
| Molybdenum | mg/kg | APHA3120B | 0.01 | 0.388 | 0.402 | 0.406 | 0.359 | 0.355 | 190 | 5.8E+03 |
| Nickel | mg/kg | APHA3120B | 0.02 | 27.56 | 22.83 | 33.99 | 28.99 | 31.77 | 100 | 5.8E+03 |
| Selenium | mg/kg | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 100 ¹ | 5.8E+03 |
| Vanadium | mg/kg | APHA3120B | 0.01 | 15.47 | 14.84 | 15.06 | 13.80 | 15.55 | 250 ¹ | 5.8E+03 |
| Zinc | mg/kg | APHA3120B | 0.02 | 13.94 | 13.18 | 14.38 | 33.52 | 14.01 | 720 | 3.5E+05 |
| Mercury Hg | mg/kg | APHA3120B | 0.003 | 0.074 | 0.152 | <0.003 | <0.003 | 0.022 | 36 | 4.6E+01 |
| pH* | | BS1377 P.3 CL 9 | | 9.1 | 8.6 | 8.8 | 8.8 | 8.9 | | |

Note: * DAC Accredited

Note 1: Indicative Level for severe contamination

| Test Report on Metals in Soil | | | | | | | | | | | |
|-------------------------------|------------------------------------|-----------------|---------------|-------------------|-------------------|-------------------|-------------------|--------------------|--|------------------------------|---------------------------------------|
| Client | M/S. TECNICAS REUNIDAS | | Request No. | SD18000031 | | | | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | | Date Received | 09/06/2018 | | | | | | | |
| Sample Description | Soil | | Date Tested | 13-18/06/2018 | | | | | | | |
| Elements | Unit | Test Method | MDL mg/kg | Results | | | | | | Permissible Reference Values | |
| | | | | TP-6E Depth 1.50m | TP-7E Depth 1.50m | TP-8E Depth 1.50m | TP-9E Depth 1.50m | TP-10E Depth 1.50m | Dutch Intervention values (2013) mg/kg | | US EPA (2017) Industrial Soil (mg/kg) |
| Arsenic | mg/kg | APHA3120B | 0.12 | 0.624 | 0.850 | 0.836 | 0.836 | 0.836 | 0.555 | 76 | 3.0E+00 (inorganic) |
| Barium | mg/kg | APHA3120B | 0.12 | 40.04 | 73.59 | 35.14 | 32.80 | 34.44 | 34.44 | Not defined | 2.2E+05 |
| Beryllium | mg/kg | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 2.3E+03 |
| Boron | mg/kg | APHA3120B | 0.09 | 17.64 | 17.34 | 32.86 | 17.19 | 43.97 | 43.97 | Not defined | 2.3E+05 |
| Cadmium | mg/kg | APHA3120B | 0.02 | 0.432 | 0.422 | 0.468 | 0.437 | 0.438 | 0.438 | 13 | 9.8E+02 (DIET) |
| Chromium (Total) | mg/kg | APHA3120B | 0.01 | 27.30 | 26.03 | 24.78 | 22.01 | 24.26 | 24.26 | 180 (Cr-III) | |
| Copper | mg/kg | APHA3120B | 0.01 | 3.704 | 3.744 | 4.207 | 3.814 | 5.018 | 5.018 | 190 | 4.7E+04 |
| Iron (Total) | mg/kg | APHA3120B | 0.09 | 5698 | 5451 | 5671 | 5167 | 5561 | 5561 | Not defined | 8.2E+05 |
| Lead | mg/kg | APHA3120B | 0.01 | 2.049 | 1.984 | 2.732 | 2.560 | 2.035 | 2.035 | 530 | 8.0 E+02 |
| Manganese | mg/kg | APHA3120B | 0.02 | 199.1 | 179.9 | 218.4 | 208.7 | 221.0 | 221.0 | Not defined | 2.6E+04 (non diet) |
| Molybdenum | mg/kg | APHA3120B | 0.01 | 0.366 | 0.374 | 0.392 | 0.361 | 0.358 | 0.358 | 190 | 5.8E+03 |
| Nickel | mg/kg | APHA3120B | 0.02 | 34.77 | 36.98 | 24.31 | 22.97 | 26.11 | 26.11 | 100 | 5.8E+03 |
| Selenium | mg/kg | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 100 ¹ | 5.8E+03 |
| Vanadium | mg/kg | APHA3120B | 0.01 | 15.70 | 15.13 | 16.74 | 15.46 | 16.76 | 16.76 | 250 ¹ | 5.8E+03 |
| Zinc | mg/kg | APHA3120B | 0.02 | 14.47 | 13.42 | 14.27 | 12.99 | 14.90 | 14.90 | 720 | 3.5E+05 |
| Mercury | mg/kg | APHA3120B | 0.003 | <0.003 | 0.096 | 0.034 | 0.042 | <0.003 | <0.003 | 36 | 4.6E+01 |
| pH* | | BS1377 P.3 CL 9 | | 8.6 | 8.9 | 8.8 | 8.5 | 8.8 | 8.8 | | |

Note: * DAC Accredited

Note 1: Indicative Level for severe contamination

| Test Report on Metals in Soil | | | | | | | | | | Permissible Reference Values | |
|-------------------------------|------------------------------------|-----------------|--------------------|--------------------|--------------------|--------------------|------------------------------|--|---------------------------------------|------------------------------|--|
| Client | M/S. TECNICAS REUNIDAS | Request No. | Results | | | | | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | Date Received | TP-11E Depth 1.50m | TP-12E Depth 1.50m | TP-14E Depth 1.50m | TP-15E Depth 1.50m | TP-15 Stock Pile Depth 0.50m | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil (mg/kg) | | |
| Sample Description | Soil | Date Tested | | | | | | | | | |
| Elements | Unit | Test Method | MDL mg/kg | | | | | | | | |
| Arsenic | mg/kg | APHA3120B | 0.12 | 1.040 | 0.892 | 1.032 | 0.678 | 1.015 | 76 | 3.0E+00 (inorganic) | |
| Barium | mg/kg | APHA3120B | 0.12 | 37.55 | 36.17 | 37.01 | 36.75 | 35.22 | Not defined | 2.2E+05 | |
| Beryllium | mg/kg | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 2.3E+03 | |
| Boron | mg/kg | APHA3120B | 0.09 | 16.43 | 28.67 | 14.60 | 15.13 | 15.71 | Not defined | 2.3E+05 | |
| Cadmium | mg/kg | APHA3120B | 0.02 | 0.389 | 0.407 | 0.408 | 0.390 | 0.399 | 13 | 9.8E+02 (DIET) | |
| Chromium (Total) | mg/kg | APHA3120B | 0.01 | 22.77 | 23.14 | 22.80 | 22.35 | 23.26 | 180 (Cr-III) | | |
| Copper | mg/kg | APHA3120B | 0.01 | 3.741 | 3.836 | 3.771 | 3.730 | 3.793 | 190 | 4.7E+04 | |
| Iron (Total) | mg/kg | APHA3120B | 0.09 | 5152 | 5507 | 5308 | 5232 | 5142 | Not defined | 8.2E+05 | |
| Lead | mg/kg | APHA3120B | 0.01 | 1.887 | 1.894 | 1.680 | 1.838 | 1.609 | 530 | 8.0 E+02 | |
| Manganese | mg/kg | APHA3120B | 0.02 | 194.1 | 210.3 | 200.7 | 202.1 | 197.2 | Not defined | 2.6E+04 (non diet) | |
| Molybdenum | mg/kg | APHA3120B | 0.01 | 0.379 | 0.359 | 0.313 | 0.327 | 0.281 | 190 | 5.8E+03 | |
| Nickel | mg/kg | APHA3120B | 0.02 | 26.40 | 26.05 | 16.56 | 24.97 | 25.91 | 100 | 5.8E+03 | |
| Selenium | mg/kg | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 100 ¹ | 5.8E+03 | |
| Vanadium | mg/kg | APHA3120B | 0.01 | 15.00 | 15.81 | 15.36 | 14.62 | 14.47 | 250 ¹ | 5.8E+03 | |
| Zinc | mg/kg | APHA3120B | 0.02 | 12.14 | 13.28 | 11.92 | 12.39 | 11.77 | 720 | 3.5E+05 | |
| Mercury | mg/kg | APHA3120B | 0.003 | <0.003 | 0.056 | <0.003 | <0.003 | <0.003 | 36 | 4.6E+01 | |
| pH* | | BS1377 P.3 CL 9 | | 8.7 | 8.6 | 8.6 | 8.5 | 9.0 | | | |

Note: * DAC Accredited

Note 1: Indicative Level for severe contamination

| Test Report on Metals in Soil | | | | | | | | | | |
|-------------------------------|------------------------------------|-----------------|---------------|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|--|-----------------------------|
| Client | M/S. TECNICAS REUNIDAS | | Request No. | SD18000031 | | | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | | Date Received | 09/06/2018 | | | | | | |
| Sample Description | Soil | | Date Tested | 13-18/06/2018 | | | | | | |
| Elements | Unit | Test Method | MDL mg/kg | Results | | | | | | Permissible Reference Value |
| | | | | TP-16E Depth 1.50m | TP-16 Stock Pile Depth 0.50m | TP-17 Stock Pile Depth 0.50m | TP-18 Stock Pile Depth 0.50m | TP-19 Stock Pile Depth 0.50m | Dutch Intervention values (2013) mg/kg | |
| Arsenic | mg/kg | APHA3120B | 0.12 | 0.927 | 1.131 | 1.012 | 0.662 | 0.662 | 76 | 3.0E+00 (inorganic) |
| Barium | mg/kg | APHA3120B | 0.12 | 40.56 | 33.71 | 28.77 | 33.80 | 33.80 | Not defined | 2.2E+05 |
| Beryllium | mg/kg | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 2.3E+03 |
| Boron | mg/kg | APHA3120B | 0.09 | 14.50 | 12.25 | 15.04 | 26.11 | 26.11 | Not defined | 2.3E+05 |
| Cadmium | mg/kg | APHA3120B | 0.02 | 0.385 | 0.364 | 0.348 | 0.395 | 0.395 | 13 | 9.8E+02 (DIET) |
| Chromium (Total) | mg/kg | APHA3120B | 0.01 | 21.54 | 20.72 | 20.28 | 24.27 | 24.27 | 180 (Cr-III) | |
| Copper | mg/kg | APHA3120B | 0.01 | 3.819 | 3.391 | 3.339 | 3.647 | 3.647 | 190 | 4.7E+04 |
| Iron (Total) | mg/kg | APHA3120B | 0.09 | 5064 | 4667 | 4522 | 5296 | 5296 | Not defined | 8.2E+05 |
| Lead | mg/kg | APHA3120B | 0.01 | 1.499 | 1.894 | 1.542 | 2.031 | 2.031 | 530 | 8.0 E+02 |
| Manganese | mg/kg | APHA3120B | 0.02 | 206.0 | 179.1 | 180.8 | 196.0 | 196.0 | Not defined | 2.6E+04 (non diet) |
| Molybdenum | mg/kg | APHA3120B | 0.01 | 0.278 | 0.304 | 0.328 | 0.376 | 0.376 | 190 | 5.8E+03 |
| Nickel | mg/kg | APHA3120B | 0.02 | 21.23 | 16.92 | 19.99 | 26.69 | 26.69 | 100 | 5.8E+03 |
| Selenium | mg/kg | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 100 ¹ | 5.8E+03 |
| Vanadium | mg/kg | APHA3120B | 0.01 | 14.07 | 12.75 | 12.98 | 15.55 | 15.55 | 250 ¹ | 5.8E+03 |
| Zinc | mg/kg | APHA3120B | 0.02 | 12.17 | 10.98 | 10.84 | 13.78 | 13.78 | 720 | 3.5E+05 |
| Mercury | mg/kg | APHA3120B | 0.003 | <0.003 | <0.003 | <0.003 | <0.003 | <0.003 | 36 | 4.6E+01 |
| pH* | | BS1377 P.3 CL 9 | | 8.5 | 8.6 | 8.7 | 8.4 | 8.4 | | |

Note: * DAC Accredited

Note 1: Indicative Level for severe contamination

| Test Report on Metals in Soil | | | | | | | | | |
|-------------------------------|------------------------------------|--------------------|-----------|--------------------|--------------------|--------------------|--|---------------------------------------|--|
| Client | M/S. TECNICAS REUNIDAS | | | Request No. | SD18000031 | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | | | Date Received | 09/06/2018 | | | | |
| Sample Description | Soil | | | Date Tested | 13-18/06/2018 | | | | |
| Elements | Unit | Test Method | MDL mg/kg | Results | | | | | |
| | | | | TP-20E Depth 1.50m | TP-21E Depth 1.50m | TP-22E Depth 1.50m | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil (mg/kg) | |
| Arsenic | mg/kg | APHA3120B | 0.12 | 0.795 | 0.717 | 0.741 | 76 | 3.0E+00 (inorganic) | |
| Barium | mg/kg | APHA3120B | 0.12 | 34.80 | 40.55 | 36.92 | Not defined | 2.2E+05 | |
| Beryllium | mg/kg | APHA3120B | 0.01 | <0.01 | <0.01 | <0.01 | 30 | 2.3E+03 | |
| Boron | mg/kg | APHA3120B | 0.09 | 13.84 | 19.57 | 17.00 | Not defined | 2.3E+05 | |
| Cadmium | mg/kg | APHA3120B | 0.02 | 0.399 | 0.409 | 0.412 | 13 | 9.8E+02 (DIET) | |
| Chromium (Total) | mg/kg | APHA3120B | 0.01 | 23.04 | 26.07 | 24.43 | 180 (Cr-III) | | |
| Copper | mg/kg | APHA3120B | 0.01 | 3.582 | 3.365 | 3.481 | 190 | 4.7E+04 | |
| Iron (Total) | mg/kg | APHA3120B | 0.09 | 5273 | 5483 | 5358 | Not defined | 8.2E+05 | |
| Lead | mg/kg | APHA3120B | 0.01 | 2.219 | 2.377 | 2.064 | 530 | 8.0 E+02 | |
| Manganese | mg/kg | APHA3120B | 0.02 | 207.1 | 178.0 | 191.4 | Not defined | 2.6E+04 (non diet) | |
| Molybdenum | mg/kg | APHA3120B | 0.01 | 0.322 | 0.305 | 0.323 | 190 | 5.8E+03 | |
| Nickel | mg/kg | APHA3120B | 0.02 | 24.07 | 23.84 | 22.79 | 100 | | |
| Selenium | mg/kg | APHA3120B | 0.10 | <0.10 | <0.10 | <0.10 | 100 ¹ | 5.8E+03 | |
| Vanadium | mg/kg | APHA3120B | 0.01 | 14.19 | 15.40 | 15.38 | 250 ¹ | 5.8E+03 | |
| Zinc | mg/kg | APHA3120B | 0.02 | 13.27 | 11.93 | 12.13 | 720 | 3.5E+05 | |
| Mercury | mg/kg | APHA3120B | 0.003 | <0.003 | <0.003 | <0.003 | 36 | 4.6E+01 | |
| pH* | | BS1377 P.3 CL 9 | | 8.4 | 8.8 | 9.3 | | | |

Note: * DAC Accredited

Note 1: Indicative Level for severe contamination

METALS IN SOIL ADDITIONAL WORKS

| Test Report on Metals in Soil | | | | | | | | | | |
|-------------------------------|------------------------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|---------------------------------------|
| Client | M/S. TECNICAS REUNIDAS | Request No. | SD18000031 | | | | | | | |
| Project | Proposed SEWA Hamriyah Power Plant | Date Received | 07/07/2018 | | | | | | | |
| Sample Description | Soil | Date Tested | 09-14/07/2018 | | | | | | | |
| Elements | Unit | Test Method | MDL mg/kg | Results | | | | | Dutch Intervention values (2013) mg/kg | US EPA (2017) Industrial Soil (mg/kg) |
| | | | | BH-01E Depth 1.50m | BH-02E Depth 1.50m | BH-03E Depth 1.50m | BH-04E Depth 1.50m | BH-05E Depth 1.50m | | |
| Arsenic | As | mg/kg | 0.12 | 0.931 | 0.923 | 1.024 | 1.036 | 1.171 | 76 | 3.0E+00 (inorganic) |
| Barium | Ba | mg/kg | 0.12 | 25.79 | 30.43 | 29.51 | 31.07 | 26.96 | Not defined | 2.2E+05 |
| Beryllium | Be | mg/kg | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 30 | 2.3E+03 |
| Boron | B | mg/kg | 0.09 | 13.23 | 13.13 | 11.25 | 11.48 | 11.11 | Not defined | 2.3E+05 |
| Cadmium | Cd | mg/kg | 0.02 | 0.379 | 0.373 | 0.366 | 0.344 | 0.326 | 13 | 9.8E+02 (DIET) |
| Chromium (Total) | Cr | mg/kg | 0.01 | 21.64 | 23.04 | 22.51 | 21.76 | 21.16 | 180 (Cr-III) | |
| Copper | Cu | mg/kg | 0.01 | 3.989 | 3.973 | 3.869 | 4.007 | 3.467 | 190 | 4.7E+04 |
| Iron (Total) | Fe | mg/kg | 0.09 | 5146 | 5148 | 5056 | 5020 | 4671 | Not defined | 8.2E+05 |
| Lead | Pb | mg/kg | 0.01 | 1.474 | 1.590 | 1.611 | 1.457 | 1.510 | 530 | 8.0 E+02 |
| Manganese | Mn | mg/kg | 0.02 | 188.5 | 175.8 | 152.6 | 174.7 | 140.0 | Not defined | 2.6E+04 (non diet) |
| Molybdenum | Mo | mg/kg | 0.01 | 0.214 | 0.182 | 0.181 | 0.218 | 0.177 | 190 | 5.8E+03 |
| Nickel | Ni | mg/kg | 0.02 | 14.58 | 20.42 | 26.02 | 14.34 | 21.10 | 100 | |
| Selenium | Se | mg/kg | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 100 ¹ | 5.8E+03 |
| Vanadium | V | mg/kg | 0.01 | 13.41 | 13.34 | 12.50 | 12.76 | 11.02 | 250 ¹ | 5.8E+03 |
| Zinc | Zn | mg/kg | 0.02 | 13.12 | 14.76 | 12.17 | 11.80 | 11.64 | 720 | 3.5E+05 |
| Mercury Hg | | mg/kg | 0.003 | <0.003 | <0.003 | <0.003 | <0.003 | <0.003 | 36 | 4.6E+01 |
| pH* | | | | 8.8 | 8.9 | 9.3 | 9.7 | 9.4 | | |

Note: * DAC Accredited

Note 1: Indicative Level for severe contamination

APPENDIX D3

CHEMICAL TEST RESULTS OF ASBESTOS

CHEMICAL ANALYSIS OF SOIL

| | | | |
|----------------------|---|--------------------------|------------|
| Client | M/S. TECNICAS REUNIDAS | Report No. | SD18000031 |
| Contractor | N.P. | Date Reported | 18/07/2018 |
| Consultant | N.P. | Sample No. | See below |
| Project No. | N.P. | Request No. | SD18000031 |
| Project Name | Proposed SEWA Hamriyah Power Plant | Client Reference | N.P. |
| Sample Desc. | Soil | Sampled By | ACES |
| Date Received | 03/07/2018 | Sample Brt in by. | ACES |
| Date Tested | 03-16/07/2018 | Tested by | SC |
| Remarks | The material does not contain any of the 6 regulated asbestos minerals. | | |

| TP No. | Test | Method | Unit | Result |
|--------|------------------|--------------------|------|--------|
| TP-03E | Asbestos Content | USEPA 600/R-93/116 | - | Absent |
| TP-04E | Asbestos Content | USEPA 600/R-93/116 | - | Absent |
| TP-05E | Asbestos Content | USEPA 600/R-93/116 | - | Absent |
| TP-06E | Asbestos Content | USEPA 600/R-93/116 | - | Absent |
| TP-07E | Asbestos Content | USEPA 600/R-93/116 | - | Absent |
| TP-15E | Asbestos Content | USEPA 600/R-93/116 | - | Absent |