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| Analyte Category | Analyte Name | Units | ARD-1 | ARD-2 | ATR-OF | BEC | BPC-1 | BPC-2 | CRC-1 | EMR-1 | EMR-2 | FLB-1 | FLC-1 |
|------------------------------------|--|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Hydrocarbons and Organic Compounds | 1,4-Difluorobenzene (SS) | % | | | | | 2015 | | | | 2015 | | 2015 |
| Hydrocarbons and Organic Compounds | 2-Bromobenzotrifluoride | % | | | | | 2015 | | | | 2015 | | 2015 |
| Hydrocarbons and Organic Compounds | 3,4-Dichlorotoluene (SS) | % | | | | | 2015 | | | | 2015 | | 2015 |
| Hydrocarbons and Organic Compounds | 4-Bromofluorobenzene (SS) | % | | | | | 2015 | | | | 2015 | | 2015 |
| Hydrocarbons and Organic Compounds | AEP Total extractable hydrocarbons (C11-C30) | mg/kg | | | | | 2000-2004 | | | | | 2000-2004 | 2000-2004 |
| Hydrocarbons and Organic Compounds | AEP Total recoverable hydrocarbons | mg/kg | 1997-2004 | | | | 1997-2004 | | | | | 1997-2004 | 1997-2004 |
| Hydrocarbons and Organic Compounds | AEP Total volatile hydrocarbons (C5-C10) | mg/kg | | | | | 2000-2004 | | | | | 2000-2004 | 2000-2004 |
| Hydrocarbons and Organic Compounds | Benzene | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons and Organic Compounds | CCME Fraction 1 (BTEX) | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons and Organic Compounds | CCME Fraction 1 (C6-C10) | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons and Organic Compounds | CCME Fraction 2 (C10-C16) | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons and Organic Compounds | CCME Fraction 3 (C16-C34) | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons and Organic Compounds | CCME Fraction 4 (C34-C50) | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons and Organic Compounds | CCME Fraction 4G (GHH-Silica) | mg/kg | | | | | 2015 | | | | 2015 | | |
| Hydrocarbons and Organic Compounds | CCME Total hydrocarbons (C6-C50) | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |
| Hydrocarbons | Ethylbenzene | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 |

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|------------------------------------|---------------------------------------|-------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------|---------------------|---------------------|
| and Organic Compounds | | | | | | | | | | | | | | |
| Hydrocarbons and Organic Compounds | m+p-Xylene | mg/kg | | | | | 2009-2015 | | | 2009-2015 | 2009-2015 | | 2009-2015 | 2009-2015 |
| Hydrocarbons and Organic Compounds | o-Xylene | mg/kg | | | | | 2009-2015 | | | 2009-2015 | 2009-2015 | | 2009-2015 | 2009-2015 |
| Hydrocarbons and Organic Compounds | Styrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| Hydrocarbons and Organic Compounds | Toluene | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 | 2004-2015 |
| Hydrocarbons and Organic Compounds | Xylenes | mg/kg | | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | 2004-2015 | | 2004-2015 | 2004-2015 |
| PAHs | % Moisture _ PAH sample | % | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | % Moisture_PAH sample | % | | 2000-2002;2004-2014 | 2000-2002;2004-2014 | 2000-2002;2004-2014 | 2000-2002;2004-2014 | 2000-2002;2004-2014 | 2000-2002;2004-2014 | 2000-2002;2004-2014 | 2000-2002;2004-2014 | | 2000-2002;2004-2014 | 2000-2002;2004-2014 |
| PAHs | 1,2,6-Trimethylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1,2-Dimethylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1,4,6,7-Tetramethylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1,7-Dimethylfluorene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1,7-Dimethylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1,8-Dimethylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1-Methylchrysene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1-Methylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 1-Methylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2,3,5-Trimethylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2,3,6-Trimethylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2,4-Dimethyldibenzothiophene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2,6-Dimethylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2,6-Dimethylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2-Methylantracene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2-Methylfluorene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2-Methylnaphthalene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2-Methylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 2/3-Methyldibenzothiophenes | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 3,6-Dimethylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 3-Methylfluoranthene/Benzo[a]fluorene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 3-Methylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 5,9-Dimethylchrysene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 5/6-Methylchrysene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 7-Methylbenzo[a]pyrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | 9/4-Methylphenanthrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | Acenaphthene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Acenaphthylene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Anthracene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Benzo[a]pyrene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Benzo[b,j,k]fluoranthene | mg/kg | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 | 1997-2014 |
| PAHs | Benzo[b]fluoranthene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | Benzo[e]pyrene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | Benzo[g,h,i]perylene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Benzo[j,k]fluoranthenes | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | Benz[a]anthracene | mg/kg | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 |
| PAHs | Benz[a]anthracene/Chrysene | mg/kg | | | | | | | | | | | | |
| PAHs | Biphenyl | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Acenaphthenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Benzofluoranthenes/Benzopyrenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Benzo[a]anthracenes/Chrysenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Biphenyls | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Dibenzothiophenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Fluoranthenes/Pyrenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Fluorenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |

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| | | | | | | | | | | | | | | |
|---------------------|------------------------------------|-------|---------------------|---------------------|---------------------|---------------------|--------------------------|---------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| PAHs | C1-Naphthalenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C1-Phenanthrenes/Anthracenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Benzofluoranthenes/Benzopyrenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Benzo[a]anthracenes/Chrysenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Biphenyls | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Dibenzothiophenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Fluoranthenes/Pyrenes | mg/kg | | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 |
| PAHs | C2-Fluorenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Naphthalenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C2-Phenanthrenes/Anthracenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C3-Benzo[a]anthracenes/Chrysenes | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | C3-Dibenzothiophenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C3-Fluoranthenes/Pyrenes | mg/kg | | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 |
| PAHs | C3-Fluorenes | mg/kg | | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 |
| PAHs | C3-Naphthalenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C3-Phenanthrenes/Anthracenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C4-Benzo[a]anthracenes/Chrysenes | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | C4-Dibenzothiophenes | mg/kg | | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 | 1997;2000-2015 |
| PAHs | C4-Fluoranthenes/Pyrenes | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | C4-Naphthalenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | C4-Phenanthrenes/Anthracenes | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Chrysene | mg/kg | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 |
| PAHs | Dibenzothiophene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Dibenz[a,h]anthracene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Fluoranthene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Fluorene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Indeno[1,2,3-c,d]-pyrene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Naphthalene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Perylene | mg/kg | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| PAHs | Phenanthrene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Pyrene | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| PAHs | Retene | mg/kg | | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 |
| Physical properties | % Clay | % | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Physical properties | % Moisture | % | | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | | 2003-2015 |
| Physical properties | % Sand | % | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Physical properties | % Silt | % | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Physical properties | CaCO3 Equivalent | % | | | | | 2006-2015 | | | 2006-2015 | 2006-2015 | | 2006-2015 | 2006-2015 |
| Physical properties | Inorganic Carbon | % | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 |
| Physical properties | Texture | | | 2004-2014 | 2004-2014 | 2004-2014 | 2004-2014 | 2004-2014 | 2004-2014 | 2004-2014 | 2004-2014 | | 2004-2014 | 2004-2014 |
| Physical Properties | Texture | % | | | | | | | | | | | | |
| Physical Properties | Texture | N/A | | | | | 2015 | | | | 2015 | | 2015 | 2015 |
| Physical properties | Total carbon by combustion | % | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 | 1998-2015 |
| Physical Properties | Total Carbon by Combustion | | | | | | | | | | | | | |
| Physical properties | Total organic carbon | % | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Aluminum (Al) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Antimony (Sb) | mg/kg | | | | | 1997-2000;2007;2010-2015 | | | 1997-2000;2007;2010-2015 | 1997-2000;2007;2010-2015 | 1997-2000;2007;2010-2015 | 1997-2000;2007;2010-2015 | 1997-2000;2007;2010-2015 |
| Total metals | Total Arsenic (As) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Barium (Ba) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Beryllium (Be) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Bismuth (Bi) | mg/kg | | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | | 2003-2015 | 2003-2015 |

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|--------------|--|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Total metals | Total Boron (B) | mg/kg | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 | 1999-2002;2005-2009;2015 |
| Total metals | Total Cadmium (Cd) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Calcium (Ca) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Chromium (Cr) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Cobalt (Co) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Copper (Cu) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Iron (Fe) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Lead (Pb) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Lithium (Li) | mg/kg | | | | | 2010-2015 | | | 2010-2015 | | | 2010-2015 | |
| Total metals | Total Magnesium (Mg) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Manganese (Mn) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Mercury (Hg) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Molybdenum (Mo) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Nickel (Ni) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Phosphorus (P) | mg/kg | | | | | 1998;2001;2010-2015 | | | 1998;2001;2010-2015 | | | 1998;2001;2010-2015 | |
| Total metals | Total Potassium (K) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Selenium (Se) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Silver (Ag) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Sodium (Na) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Strontium (Sr) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Sulphur (S) | mg/kg | | | | | | | | | | | | |
| Total metals | Total Thallium (Tl) | mg/kg | | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 | 2000-2015 |
| Total metals | Total Tin (Sn) | mg/kg | | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 | 2003-2015 |
| Total metals | Total Titanium (Ti) | mg/kg | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 | 1997-2002;2005-2015 |
| Total metals | Total Uranium (U) | mg/kg | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 | 1999-2015 |
| Total metals | Total Vanadium (V) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total metals | Total Zinc (Zn) | mg/kg | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 | 1997-2015 |
| Total Metals | Total Zirconium (Zr) | mg/kg | | | | | 2015 | | | 2015 | | | 2015 | |
| Toxicity | Chironomus dilutus - 10d growth | mg/organism | | | | | 2015 | | | 2015 | | | 2015 | |
| Toxicity | Chironomus dilutus - 10d survival | % | | | | | 2015 | | | 2015 | | | 2015 | |
| Toxicity | Chironomus tentans - 10d growth | mg/organism | 1997-2014 | | | | 1997-2014 | | | 1997-2014 | | | 1997-2014 | |
| Toxicity | Chironomus tentans - 10d growth - % of Control | % | 1997-2003;2006-2014 | | | | 1997-2003;2006-2014 | | | 1997-2003;2006-2014 | | | 1997-2003;2006-2014 | |
| Toxicity | Chironomus tentans - 10d survival | # surviving | 1997-2014 | | | | 1997-2014 | | | 1997-2014 | | | 1997-2014 | |
| Toxicity | Chironomus tentans - 10d survival - % of Control | % | 1997-2003;2006-2014 | | | | 1997-2003;2006-2014 | | | 1997-2003;2006-2014 | | | 1997-2003;2006-2014 | |
| Toxicity | Hyaella azteca - 10d growth | mg/organism | 1997-2002 | | | | 1997-2002 | | | | | 1997-2002 | 1997-2002 | |
| Toxicity | Hyaella azteca - 10d growth - % of Control | % | 1997-2002 | | | | 1997-2002 | | | | | 1997-2002 | 1997-2002 | |
| Toxicity | Hyaella azteca - 10d survival | # surviving | 1997-2002 | | | | 1997-2002 | | | | | 1997-2002 | 1997-2002 | |
| Toxicity | Hyaella azteca - 10d survival - % of Control | % | 1997-2002 | | | | 1997-2002 | | | | | 1997-2002 | 1997-2002 | |
| Toxicity | Hyaella azteca - 14d growth | mg/organism | | | | | 2003-2015 | | | 2003-2015 | | | 2003-2015 | |
| Toxicity | Hyaella azteca - 14d survival | # surviving | | | | | 2003-2014 | | | 2003-2014 | | | 2003-2014 | |
| Toxicity | Hyaella azteca - 14d growth - % of Control | % | | | | | 2003;2006-2014 | | | 2003;2006-2014 | | | 2003;2006-2014 | |
| Toxicity | Hyaella azteca - 14d survival | % | | | | | 2015 | | | 2015 | | | 2015 | |
| Toxicity | Hyaella azteca - 14d survival - % of Control | % | | | | | 2003;2006-2014 | | | 2003;2006-2014 | | | 2003;2006-2014 | |
| Toxicity | Lumbriculus variegatus - 10d growth | mg/organism | 1997-2003 | | | | 1997-2003 | | | | | 1997-2003 | 1997-2003 | |

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|----------|--|-------------|-----------|--|--|--|-----------|--|--|--|--|-----------|-----------|-----------|
| Toxicity | Lumbriculus variegatus - 10d growth - % of Control | % | 1997-2003 | | | | 1997-2003 | | | | | 1997-2003 | 1997-2003 | 1997-2003 |
| Toxicity | Lumbriculus variegatus - 10d survival | # surviving | 1997-2003 | | | | 1997-2003 | | | | | 1997-2003 | 1997-2003 | 1997-2003 |
| Toxicity | Lumbriculus variegatus - 10d survival - % of Control | % | 1997-2003 | | | | 1997-2003 | | | | | 1997-2003 | 1997-2003 | 1997-2003 |

