**Section 732.APPENDIX D Sample Handling and Analysis**

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|  |  | Max. Total Amountper Sample |
| Chemical |  |  |
| BETX Soil with MTBE |  | $85 |
| BETX Water with MTBE |  | $81 |
| COD (Chemical Oxygen Demand) |  | $30  |
| Corrosivity |  | $15  |
| Flash Point or Ignitability Analysis EPA 1010 |  | $33  |
| FOC (Fraction Organic Carbon) |  | $38  |
| Fat, Oil, & Grease (FOG) |  | $60  |
| LUST Pollutants Soil − analysis must include all volatile, base/neutral, polynuclear aromatic, and metal parameters listed in Appendix B of this Part |  | $693  |
| Organic Carbon (ASTM-D 2974-87) |  | $33  |
| Dissolved Oxygen (DO) |  | $24  |
| Paint Filter (Free Liquids) |  | $14  |
| PCB/Pesticides (combination) |  | $222  |
| PCBs |  | $111  |
| Pesticides |  | $140  |
| PH |  | $14  |
| Phenol |  | $34  |
| Polynuclear Aromatics PNA, or PAH SOIL |  | $152  |
| Polynuclear Aromatics PNA, or PAH WATER |  | $152  |
| Reactivity |  | $68  |
| SVOC − Soil (Semi-volatile Organic Compounds)  |  | $313  |
| SVOC − Water (Semi-volatile Organic Compounds) |  | $313  |
| TKN (Total Kjeldahl) "nitrogen" |  | $44  |
| TOC (Total Organic Carbon) EPA 9060A |  | $31  |
| TPH (Total Petroleum Hydrocarbons) |  | $122  |
| VOC (Volatile Organic Compound) − Soil (Non-Aqueous) |  | $175  |
| VOC (Volatile Organic Compound) − Water |  | $169  |

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| Geo-Technical |  |  |
| Bulk Density ASTM D4292/D2937 |  | $22  |
| Ex-Situ Hydraulic Conductivity/Permeability |  | $255  |
| Moisture Content ASTM D2216-90/D4643-87 |  | $12  |
| Porosity |  | $30  |
| Rock Hydraulic Conductivity Ex-Situ |  | $350  |
| Sieve/Particle Size Analysis ASTM D422-63/D1140-54 |  | $145  |
| Soil Classification ASTM D2488-90/D2487-90 |  | $68  |

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| Metals |  |  |
| Arsenic TCLP Soil |  | $16  |
| Arsenic Total Soil |  | $16  |
| Arsenic Water |  | $18  |
| Barium TCLP Soil |  | $10  |
| Barium Total Soil |  | $10  |
| Barium Water |  | $12  |
| Cadmium TCLP Soil |  | $16  |
| Cadmium Total Soil |  | $16  |
| Cadmium Water |  | $18  |
| Chromium TCLP Soil |  | $10  |
| Chromium Total Soil |  | $10  |
| Chromium Water |  | $12  |
| Cyanide TCLP Soil |  | $28  |
| Cyanide Total Soil |  | $34  |
| Cyanide Water |  | $34  |
| Iron TCLP Soil |  | $10  |
| Iron Total Soil |  | $10 |
| Iron Water |  | $12  |
| Lead TCLP Soil |  | $16  |
| Lead Total Soil |  | $16  |
| Lead Water |  | $18  |
| Mercury TCLP Soil |  | $19  |
| Mercury Total Soil |  | $10  |
| Mercury Water |  | $26  |
| Selenium TCLP Soil |  | $16  |
| Selenium Total Soil |  | $16  |
| Selenium Water |  | $15  |
| Silver TCLP Soil |  | $10  |
| Silver Total Soil |  | $10  |
| Silver Water |  | $12  |
| Metals TCLP Soil (a combination of all RCRA metals)  |  | $103  |
| Metals Total Soil (a combination of all RCRA metals)  |  | $94  |
| Metals Water (a combination of all RCRA metals) |  | $119  |

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| Soil preparation for Metals TCLP Soil (one fee per sample) |  | $79 |
| Soil preparation for Metals Total Soil (one fee per sample) |  | $16 |
| Water preparation for Metals Water (one fee per sample) |  | $11 |

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| Other |  |  |
| En Core® Sampler, purge-and-trap sampler, or equivalent sampling device |  | $10 |
| Sample Shipping (\*maximum total amount for shipping all samples collected in a calendar day) |  | $50\* |

(Source: Added at 30 Ill. Reg. 4928, effective March 1, 2006)