

# Environmental Soil Management of New York

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|                            |                             |                              |                            |                                   |                              |                                      |                                |
|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------------|------------------------------|--------------------------------------|--------------------------------|
| <b>TPH</b><br>8015 GRO/DRO | <b>Total VOC's</b><br>8260B | <b>Total SVOC's</b><br>8270C | <b>Total PCB's</b><br>8082 | <b>Total Metals PPM*</b><br>6010B | <b>Total Cyanide</b><br>9010 | <b>Percent Sulfur</b><br>EPA D129-64 | <b>BTU****</b><br>ASTM D240-87 |
|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------------|------------------------------|--------------------------------------|--------------------------------|

## Virgin Contaminated Soils

### Residential Approval

|  |            |          |          |  |  |  |  |  |
|--|------------|----------|----------|--|--|--|--|--|
| <input type="checkbox"/> Conventional Fuels (Gas, Diesel, Fuel Oil, Jet) | <b>X</b>   |          |          |  |  |  |  |  |
| <input type="checkbox"/> Mixed Conventional Fuels                        | <b>X</b>   |          |          |  |  |  |  |  |
| <input type="checkbox"/> Animal, Vegetable, Tall Oils                    | <b>X</b>   |          |          |  |  |  |  |  |
| <input type="checkbox"/> Petroleum Solvents                              | <b>X</b>   |          |          |  |  |  |  |  |
| <input type="checkbox"/> Waxes and Petrolatum                            | <b>X</b>   | <b>X</b> | <b>X</b> |  |  |  |  |  |
| <input type="checkbox"/> NYSDEC Directed Virgin Spill Remediations       | <b>X**</b> |          |          |  |  |  |  |  |

## Non-Virgin Contaminated Soils

|  |          |          |          |          |           |  |  |  |
|--|----------|----------|----------|----------|-----------|--|--|--|
| <input type="checkbox"/> Used oil, Greases, Lubricants     | <b>X</b> | <b>X</b> |          | <b>X</b> | <b>X*</b> |  |  |  |
| <input type="checkbox"/> Petroleum Solvents                | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> | <b>X*</b> |  |  |  |
| <input type="checkbox"/> Used Animal, Vegetable, Tall Oils | <b>X</b> |          |          |          |           |  |  |  |

## Coal Tar/PCB/Urban Fill

|   |          |          |          |          |           |             |             |             |
|---|----------|----------|----------|----------|-----------|-------------|-------------|-------------|
| <input type="checkbox"/> Transformer Oil                      | <b>X</b> |          |          | <b>X</b> |           |             |             |             |
| <input type="checkbox"/> Electrical Oils                      | <b>X</b> |          |          | <b>X</b> |           |             |             |             |
| <input type="checkbox"/> Coal Tar / MGP Soils                 | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> | <b>X*</b> | <b>X</b>    | <b>X</b>    | <b>X</b>    |
| <input type="checkbox"/> Urban Fill                           | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> | <b>X*</b> |             |             |             |
| <input type="checkbox"/> Dredged Soil from Upland Remediation | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> | <b>X*</b> | <b>X***</b> | <b>X***</b> | <b>X***</b> |

## Sampling Frequency

*Composites are to be made of 3-5 Grabs*

- 1st Composite Sample for the first 150 Tons
- 2nd Composite Sample for the first 300 Tons
- 3rd Composite Sample for the first 750 Tons
- 1 Addition Composite per every additional 750 Tons

**Acceptance of all projects are subject to the completion and review of a completed "PROFILE SHEET", the criteria noted above, and approval as granted by ESMI**

**At the discretion of the facility, additional lab analysis may be required for project acceptance.**

**If analytical demonstrates an analyte concentration that exceeds the RCRA 20X's Rule, ESMI will require a TCLP for the analyte prior to acceptance.**

**Listed Organic Hazardous Waste may be Accepted with a NYSDEC "Contained-Out" Ruling**

\* **Total Metals- Non Industrial Sites: 8 Total Metals ( Arsenic, Barium, Cadmium, Chromium (Total), Lead, Mercury, Selenium, Silver)**

\* **Total Metals-Industrial Sites: 8 Metals Noted Above PLUS Antimony, Beryllium, Nickel, Thallium, Vanadium, Zinc**

\*\* **Require TPH when Characterization is Waived by a NYSDEC Spill Representative (Can be completed by ESMI)**

\*\*\* **If associated with a Coal Tar/MGP Remediation Project**

\*\*\*\* **MDL of 100 BTU/LB**