NYC 9/11 Public Portal Document



002
MORETRENCH AMERICAN
01/17/2002 15:26 FAX 973 627 3950
CITX_21MC100_00294239

The Action Levels listed reflect current STL Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

| Sample ID | New York TAGM | Main Discharge | S. Project Disch |
|---|---|---|---|
| Lab Sample Number | Rec. Soil | 325960 | 325961 |
| Sampling Date | Cleanup Objective | 01/09/02 | 01/09/02 |
| Matrix | Criteria (ug/l) | WATER | WATER |
| Dilution Factor | | 1.0 | 1.0 |
| Units | | ug/L | ug/L |
| VOLATILE COMPOUNDS (GC/MS) | | | |
| Benzene | 60 | 0.2 | 2.5 |
| Tetrachloroethene | 1400 | 0.6 | 1.1 |
| Toluene | 1500 | 0.2 U | 25 |
| Ethylbenzene | 5500 | 0.3 | 6.0 |
| Xylene(Total) | 1200 | 0.2 U | 41 |
| MTBE | 120 | 19 | 94 |
| Total Confident Conc. VOAs (s) | | 20 | 172 |
| Total Estimated Conc. VOA TICs (s) | | NA | NA |

(1) Values listed reflect the combined standards for the cis and trans isomers of 1,3-Dichloropropene.
^ Value is a revision to the Class IIA ground water quality standard based upon the November 18, 1998 Safe Drinking Water Act maximum contaminant level changes and the February 5, 1997 policy memo

Qualifiers

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less then the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
NR - Not analyzed

Checked By: _____
___ OK
___ Make Corrections



NYC-WTC_000281172

NYC 9/11 Public Portal Document



003

| Sample ID<br>Lab Sample Number<br>Sampling Date<br>Matrix<br>Dilution Factor<br>Units | New York TAGM<br>Rec. Soil<br>Cleanup Objective<br>Criteria (ug/l) | Main Discharge<br>325950<br>01/09/02<br>WATER<br>1.0<br>ug/L | S. Project Disch<br>325951<br>01/09/02<br>WATER<br>1.0<br>ug/L |
|---|---|---|---|
| SEMIVOLATILE COMPOUNDS (GC/MS) | | | |
| Naphthalene | 13000 | 1.5 | 6.4 |
| Total Confident Conc. BNAs (s) | | 1.5 | 6.4 |
| Total Estimated Conc. BNA TICs (s) | | NA | NA |

(1) Values listed reflect the combined standards for the 2,4/2,6-Dinitrotoluene mixture.
^ Value is a revision to the Class IIA ground water quality standard based upon the November 18, 1996 Safe Drinking Water Act maximum contaminant level changes and the February 5, 1997 policy memo

Qualifiers

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
NR - Not analyzed.

MORETRENCH AMERICAN

01/17/2002 15:27 FAX 973 627 3950 CITY_21MC100_00294240

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___ OK
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NYC-WTC_000281173

NYC 9/11 Public Portal Document



004

MORETRENCH AMERICAN

01/17/2002 15:27 FAX 973 627 3950

CITY_21MC100_002941241

| Sample ID<br>Lab Sample Number<br>Sampling Date<br>Matrix<br>Dilution Factor<br>Units | New York TAGM<br>Rec. Soil<br>Cleanup Objective<br>Criteria (ug/l) | Main Discharge<br>325960<br>01/09/02<br>WATER<br>1.0<br>ug/L | S. Project Disch<br>325961<br>01/09/02<br>WATER<br>1.0<br>ug/L |
|---|---|---|---|
| PESTICIDES/PCBs | | | |
| (1) Aroclor-1016 | NA | 0.20 U | 0.20 U |
| (1) Aroclor-1221 | NA | 0.20 U | 0.20 U |
| (1) Aroclor-1232 | NA | 0.30 U | 0.30 U |
| (1) Aroclor-1242 | NA | 0.20 U | 0.20 U |
| (1) Aroclor-1248 | NA | 0.20 U | 0.20 U |
| (1) Aroclor-1254 | NA | 0.40 U | 0.40 U |
| (1) Aroclor-1260 | NA | 0.50 U | 0.50 U |
| (1) Aroclor-1262 | NA | 0.20 U | 0.20 U |
| (1) Aroclor-1268 | NA | 0.20 U | 0.20 U |

(1) Values listed reflect the combined standards for "Total PCBs"
(2) Soil Cleanup criteria is provided for "Endosulfan" without specification if it is for Endosulfan I or Endosulfan II.

Qualifiers

U - This compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference
NR - Not analyzed

Checked By: _____
___ OK
___ Make Corrections



NYC-WTC_000281174

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| Sample ID<br>Lab Sample Number<br>Sampling Date<br>Matrix<br>Dilution Factor<br>Units | New York TAGM<br>Rec. Soil<br>Cleanup Objective<br>Criteria (mg/l) | Main Discharge<br>325860<br>01/09/02<br>WATER<br>NA<br>ug/l | S. Project Disch<br>326861<br>01/09/02<br>WATER<br>NA<br>ug/l |
|---|---|---|---|
| METALS | | | |
| Cadmium | NA | 0.40 U | 0.54 |
| Chromium | NA | 8.2 | 49.5 |
| Copper | NA | 5.6 | 60.1 |
| Lead | NA | 2.2 U | 3.1 |
| Mercury | NA | 0.10 U | 0.10 U |
| Nickel | NA | 11.1 | 8.5 |
| Zinc | NA | 34.7 | 85.2 |

Qualifiers

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

N - The spiked sample recovery is not within control limits.

NR - Not analyzed.

Checked By: _____

___ OK

___ Make Corrections



005

MORETRENCH AMERICAN

01/17/2002 15:27 FAX 973 627 3950

CITX_21MC100_00241242

NYC-WTC_000281175

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01/17/2002 15:27 FAX 973 627 3950 MORETRENCH AMERICAN 006

01/18/02 17:52 FAX 732 549 3679 SILL EDISON

CITY_21MC100_002941243

| Sample ID<br>Lab Sample Number<br>Sampling Date<br>Matrix<br>Dilution Factor - NA<br>Units - See Parameter | New York TAGM<br>Rec. Soil<br>Cleanup Objective<br>Criteria (ug/l) | Main Discharge<br>325980<br>01/09/02<br>WATER | | S. Project Disch<br>325981<br>01/09/02<br>WATER |
|---|---|---|---|---|
| WET CHEMISTRY | | | | |
| Ignitability - deg F | NA | >160 | | >160 |
| pH - std unit | NA | 7.24 | | 10.5 |
| TotalPetroleumHydrocarbons(418.1) | NA | 1.0 | U | 1.0 U |
| TotalSuspendedSolids - mg/l | NA | 46.0 | | 94.0 |

Qualifiers

U - The compound was not detected at the indicated concentration

NR - Not analyzed

Checked By: _____

__ OK

__ Make Corrections



NYC-WTC_000281176