NYC 9/11 Public Portal Document

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	South_Projection
Lab Sample Number	Rec. Soil	326749	326750
Sampling Date	Cleanup Objective	01/11/02	01/11/02
Matrix	Criteria (ug/l)	WATER	WATER
Dilution Factor		1.0	1.0
Units		ug/L	ug/L
VOLATILE COMPOUNDS (GC/MS)			
Benzene	60	0.3	1.4
Tetrachloroethene	1400	1.2	1.2
Toluene	1500	0.2 U	22
Ethylbenzene	5500	0.2 U	4.0
Xylene(Total)	1200	0.2 U	21
MTBE	120	11	25
Total Confident Conc. VOAs (s)		13	75
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 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

Checked By. _____
__ OK
__ Make Corrections

1/18/02 5:15 PM

002
MORETRENCH AMERICAN
01/21/2002 09:53 FAX 973 627 3950
CITY_21MC100_002941222
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002
NYC-WTC_000281151

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SUMMARY OF ANALYTICAL RESULTS

S709

Sample ID	New York TAGM	Main_Discharge	South_Projection
Lab Sample Number	Rec. Soil	326749	326750
Sampling Date	Cleanup Objective	01/11/02	01/11/02
Matrix	Criteria (ug/l)	WATER	WATER
Dilution Factor		1.0	1.0
Units		ug/L	ug/L
SEMIVOLATILE COMPOUNDS (GC/MS)			
Naphthalene	13000	1.3	1.1
Total Confident Conc. BNAs (s)		1.3	1.1
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

Checked By: _____

___ OK

___ Make Corrections

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NYC-WTC_000281152

NYC 9/11 Public Portal Document

004 MORETRENCH AMERICAN 01/21/2002 09:53 FAX 973 627 3950 CITX_21MC100_002941224

Sample ID	New York TAGM	Main_Discharge	South_Projection
Lab Sample Number	Rec. Soil	326749	326750
Sampling Date	Cleanup Objective	01/11/02	01/11/02
Matrix	Criteria (ug/l)	WATER	WATER
Dilution Factor		1.0	1.0
Units		ug/L	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 - 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
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_000281153

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005
01/21/2002 09:53 FAX 973 627 3950 MORETRENCH AMERICAN
CITX_21MC100_00294225

Sample ID Lab Sample Number Sampling Date Matrix Dilution Factor Units	New York TAGM Rec. Soil Cleanup Objective Criteria (mg/l)	Main_Discharge 326749 01/11/02 WATER NA ug/l	South_Projection 326750 01/11/02 WATER NA ug/l
METALS			
Cadmium	NA	0.40 U	2.2
Chromium	NA	2.8 U	10.6
Copper	NA	6.1	50.8
Lead	NA	6.3	7.7
Mercury	NA	0.10 U	0.10 U
Nickel	NA	6.6	11.3
Zinc	NA	29.5	294

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

NYC-WTC_000281154

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006
01/21/2002 09:53 FAX 973 627 3950 MORETRENCH AMERICAN
CITY_21MC100_0029412226

mple ID Lab Sample Number Sampling Date Matrix Dilution Factor - NA Units - See Parameter	New York TAGM Rec. Soil Cleanup Objective Criteria (ug/l)	Main_Discharge 326749 01/11/02 WATER	South_Projection 326750 01/11/02 WATER
WET CHEMISTRY			
Fluoride - mg/l	NA	1.4	NR
Ignitability - deg F	NA	>160	>160
pH - std unit	NA	7.31	9.91
TotalPetroleumHydrocarbons(418.1)	NA	1.0 U	1.0 U
TotalSuspendedSolids - mg/l	NA	43.0	184

Qualifiers
U - The compound was not detected at the indicated concentration
NR - Not analyzed

Checked By _____
__ OK
__ Make Corrections

NYC-WTC_000281155