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	331715	331716
Sampling Date	Cleanup Objective	02/11/02	02/11/02
Matrix	Criteria (ug/l)	WATER	WATER
Dilution Factor		1.0	1.0
Units		ug/L	ug/L
VOLATILE COMPOUNDS (GC/MS)			
Benzene	60	0.2 U	0.7
Tetrachloroethene	1400	3.6	0.3 U
Toluene	1500	1.4	5.1
Ethylbenzene	5500	0.4	2.4
Xylene(Total)	1200	2.6	14
MTBE	120	11	25
Total Confident Conc. VOAs (s)		19	47
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, 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

CITY_21MC100_002990013

NYC-WTC_000342247

NYC 9/11 Public Portal Document

Sample ID	New York TAGM	Main_Discharge	South_Projection
Lab Sample Number	Rec. Soil	331715	331716
Sampling Date	Cleanup Objective	02/11/02	02/11/02
Matrix	Criteria (ug/l)	WATER	WATER
Dilution Factor		1.0	1.0
Units		ug/L	ug/L
SEMIVOLATILE COMPOUNDS (GC/MS)			
Naphthalene	13000	0.6 U	4.5
Total Confident Conc. BNAs (s)		0	4.5
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

CITY_21MC100_002990014

NYC-WTC_000342248

NYC 9/11 Public Portal Document

Sample ID	New York TAGM	Main_Discharge	South_Projection
Lab Sample Number	Rec. Soil	331715	331716
Sampling Date	Cleanup Objective	02/11/02	02/11/02
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

CITY_21MC100_002990015

NYC-WTC_000342249

NYC 9/11 Public Portal Document

Sample ID	New York TAGM	Main_Discharge		South_Projection
Lab Sample Number	Rec. Soil	331715		331716
Sampling Date	Cleanup Objective	02/11/02		02/11/02
Matrix	Criteria (mg/l)	WATER		WATER
Dilution Factor		NA		NA
Units		ug/l		ug/l
METALS				
Cadmium	NA	0.40	U	9.7
Chromium	NA	2.8	U	500
Copper	NA	6.1		1150
Lead	NA	2.2	U	2290
Mercury	NA	0.10	U	5.3
Nickel	NA	7.2		580
Zinc	NA	52.9		8670

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

CITY_21MC100_002990016

NYC-WTC_000342250

NYC 9/11 Public Portal Document

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 331715 02/11/02 WATER		South_Projection 331716 02/11/02 WATER
WET CHEMISTRY				
Ignitability - deg F	NA	>160		>160
pH - std unit	NA	7.13		9.43
TotalPetroleumHydrocarbons(416.1)	NA	1.0	U	2.1
TotalSuspendedSolids - mg/l	NA	10.0	U	5920

Qualifiers

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

NR - Not analyzed.

Checked By: _____

___ OK

___ Make Corrections

CITY_21MC100_002990017

NYC-WTC_000342251