

BOVIS LEND LEASE

7/9/02

World Trade Center - Sumping/Dewatering
MTA Job #01-4906

Water Quality**Chlorodifluoromethane (ppb)**

<u>Laboratory</u>	<u>Date Of Sample</u>	<u>Sump</u>	<u>West St Wells</u>	<u>Greenwich St. Wells</u>
Severn Trent Labs (STL)	3/1/02	140	N.R	
"	3/4/02	170	1.0 u	
"	3/11/02	160	1.0 u	
"	3/18/02	150	13	
"	3/25/02	220	13	
"	4/10/02	65	11	
	4/15/02	u	u	
	4/22/02	180	8.4	
	4/29/02	220	4.1	1.0 u
	5/6/02	97	4.1	
	5/13/02	100	5.8	2.7
	5/22/02	74	12	
	5/28/02	65		1.0 u
	6/3/02	68		
	6/10/02	140		1.0 u
	6/17/02	130		
	6/18/02		23	
	6/24/02	60	5.8	1.0 u

u = undetected

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7/9/02

Water Quality**MTBE Concentration**

<u>Laboratory</u>	<u>Date Of Sample</u>	<u>MTBE Concentration</u>		<u>Greenwich St. Dewatering (ppb)</u>
		<u>West St. Dewatering Discharge (ppb)</u>	<u>Sump Discharge (ppb)</u>	
Independent Testing Labs	12/13/01	7	65	
	12/17/01	9	97	
	12/24/01	21	109	
	12/31/01	18	200	
STL Laboratories	1/9/02	19	94	
	1/11/02	11	25	
	1/14/02	12	99	
	1/18/02	8	91	
	1/21/02	9	88	
	1/25/02	8	100	
	1/28/02	15	140	
	2/1/02	41	170	
	2/4/01	56	150	
	2/8/02	7	120	
	2/11/02	11	25	
	2/15/02	2	63	
	2/18/02	2	81	
	2/22/02	6	48	
	2/25/02	4	49	
	3/1/02	---	21	
	3/4/02	3	31	
	3/11/02	4.7	45	
	3/18/02	2.6	32	
	3/25/02	3.1	24	

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Water Quality

7/9/02

MTBE Concentration

<u>Laboratory</u>	<u>Date Of Sample</u>	<u>West St. Dewatering Discharge (ppb)</u>	<u>Sump Discharge (ppb)</u>	<u>Greenwich St. Dewatering (ppb)</u>
STL Laboratories	4/10/02	2.2	8.4	
	4/15/02	2.3	15	
	4/22/02	2.0	32	
	4/29/02	1.5	250	0.2 u
	5/6/02	1.3	140	
	5/13/02	1.2	85	2.0
	5/22/02	2.1	49	
	5/28/02		34	0.3 u
	6/3/02		19	
	6/10/02		35	0.3 u
	6/17/02		43	
	6/18/02	2.7		
	6/24/02	2.4	49	0.3 u

u = undetected

SUMMARY OF ANALYTICAL RESULTS

X739.xls

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	Greenwich-St
Lab Sample Number	Rec. Soil	358355
Sampling Date	Cleanup Objective	08/24/02
Matrix	Criteria (ug/l)	WATER
Dilution Factor		1.0
Units		ug/L
VOLATILE COMPOUNDS (GC/MS)		
Benzene	60	0.3 U
Tetrachloroethene	1400	20
Toluene	1500	0.2 U
Ethylbenzene	5500	0.2 U
Xylene(Total)	1200	0.2 U
MTBE	120	0.3 U
Chlorodifluoromethane	NA	1.0 U
Total Confident Conc. VOAs (s)		20
Total Estimated Conc. VOA TICs (s)		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

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

005/010

MORRIS AMERICAN

07/09/2002 16:24 FAX 973 627 3950

CITY_21MC100_006932516

SUMMARY OF ANALYTICAL RESULTS

X739.xls

Sample ID	New York TAGM	Greenwich-St
Lab Sample Number	Rec. Soil	358355
Sampling Date	Cleanup Objective	06/24/02
Matrix	Criteria (ug/l)	WATER
Dilution Factor		1.0
Units		ug/L
SEMIVOLATILE COMPOUNDS (GC/MS)		
Naphthalene	13000	0.7 U
Total Confident Conc. BNAs (s)		0
Total Estimated Conc. BNA TICs (s)		NA

(1) Values listed reflect the combined standards for the 2,4,2,6-Dinitrotoluene mixture.

* Value is a revision to the Class MA ground water quality standard based upon the November 16, 1996 Safe Drinking Water Act maximum contaminant level changes and the February 5, 1997 policy

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

006/010

MORETRENCH AMERICAN

07/09/2002 16:24 FAX 973 627 3950

CITY_21MC100_006932517

SUMMARY OF ANALYTICAL RESULTS

X779.xls

Sample ID	New York TAGM	Greenwich-St
Lab Sample Number	Rec. Soil	358355
Sampling Date	Cleanup Objective	08/24/02
Matrix	Criteria (ug/l)	WATER
Dilution Factor		1.0
Units		ug/L
PESTICIDES/PCBs		
(1) Aroclor-1015	NA	0.20 U
(1) Aroclor-1221	NA	0.30 U
(1) Aroclor-1232	NA	0.30 U
(1) Aroclor-1242	NA	0.20 U
(1) Aroclor-1248	NA	0.20 U
(1) Aroclor-1254	NA	0.20 U
(1) Aroclor-1260	NA	0.20 U
(1) Aroclor-1262	NA	0.20 U
(1) Aroclor-1268	NA	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

SUMMARY OF ANALYTICAL RESULTS

X799.xls

Sample ID	New York TAGM	Greenwich-St
Lab Sample Number	Res. Soil	358355
Sampling Date	Cleanup Objective	06/24/02
Matrix	Criteria (mg/l)	WATER
Dilution Factor		NA
Units		ug/l
METALS		
Cadmium	NA	0.40 U
Chromium	NA	2.8 U
Copper	NA	47.9
Lead	NA	6.5
Mercury	NA	0.10 U
Nickel	NA	6.8
Zinc	NA	77.4

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

SUMMARY OF ANALYTICAL RESULTS

X739.X's

Sample ID	New York TAGM	Greenwich-St
Lab Sample Number	Reg. Soil	358355
Sampling Date	Cleanup Objective	06/24/02
Matrix	Criteria (ug/l)	WATER
Dilution Factor - NA		
Units - See Parameter		
WET CHEMISTRY		
Ignitability - deg F	NA	>160
Total Petroleum Hydrocarbons(418.1)	NA	1.0 U

Qualifiers

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

Checked By: _____
 ___ OK
 ___ Make Corrections