APPENDIX H

NYCDEP DISCHARGE PERMIT, SAMPLING RESULTS, and EFFLUENT METER READINGS

1. NYCDEP 08/23/05 letter to Moretrench RE: dewatering
2. NYCDEP 08/23/05 letter to Blue Water Env. RE: groundwater discharge
3. American Analytical Labs 06/23/05 letter report to Moretrench with influent sample results and chain-of-custody documentation
4. American Analytical Labs 08/10/05 letter report to Moretrench with effluent sample results and chain-of-custody documentation
5. Moretrench 10/18/05 cover letter to BWE with influent and effluent water sample results – includes a copy of the NYCDEP effluent limitations to sanitary sewers (rough copy with markups)
6. Langans 09/30/05 due diligence INF/EFF sampling (table and memo synopsis)
7. Daily effluent meter readings

The City of New York

DEPARTMENT OF ENVIRONMENTAL PROTECTION
59-17 Junction Boulevard
Flushing, New York 11373

Emily Lloyd
Commissioner

Tel. (718) 595-6565
Fax (718) 595-3525
elloyd@dep.nyc.gov

Douglas S. Greeley, P.E.
Deputy Commissioner

Bureau of Water and Sewer Operations

Tel (718) 595 -5330
Fax (718) 595-5342
DGreeley@dep.nyc.gov

August 23, 2005

Leonard R. Guglielmo, P.E.
Moretrench American Corporation
467 Central Park Avenue
Yonkers, NY 10704

RE: Dewatering at River Place II, 600 West 42nd Street, Block #1089, Lot #1, 3, Borough of Manhattan

Dear Mr. Guglielmo:

This is in response to your August 2, 2005, letter requesting permission to discharge up to 993,600 gallons per day (gpd) of groundwater, continuously for a period of one year through a proposed 8"dia. connection to the 3'-6" x 2'-4"dia. combined sewer in 11th Avenue in the Borough of Manhattan.

Based upon the information, schematic and analytical data submitted, you are hereby authorized to continue to discharge up to 993,600 gallons (gpd) of groundwater as specified in your submission for a period of one year to the combined sewer at the above-mentioned location. The IPP Inspection & Permit Section has given you approval for this dewatering discharge by a letter dated August 23, 2005.

The discharger shall indemnify and hold the City harmless or any damage or liability incurred by the City to the dewatering and in the event that the discharger results in overloading the capacity of the discharger sewer. See copy of the revised Special Indemnity Agreement attached, to be signed and filed with the discharge permit application.

Please note that this approval is not valid unless payment is made to the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York Water Board.

If you have any further questions concerning this matter, please contact Suresh Kumar at (718) 595-5205.

Very truly yours,

Herbert M Kass

Herbert M. Kass, P.E., Chief
Permitting & Connections

The City of New York

DEPARTMENT OF ENVIRONMENTAL PROTECTION
59-17 Junction Boulevard
Flushing, New York 11373

Emily Lloyd
Commissioner

Alfonso R. Lopez, P.E.
Deputy Commissioner

Bureau of Wastewater Treatment

Tel. (718) 595-5050
Fax (718) 595-6950
alopez@dep.nyc.gov

August 23, 2005

BY:----------

Blue Water Environmental Inc.
1610 New Highway Farmingdale
New York, N Y 11735
Attn: Leonard R. Guglielmo, P.E.

Re: Groundwater Discharge
600 West 42nd Street
File Case # C-3853

Dear Mr. Guglielmo:

This is in response to your August 16, 2005 submission, requesting permission to discharge up to **995,300 gallons per day** (gpd) of groundwater generated during the construction of a multi-stories building, through a remediation system consisting of a settling tank, an oil-water separator, carbon units and bag filters, per provided schematic and information, continuously **for a period of one year,** to the combined sewer located at 11th Avenue between 41st and 42nd Streets in Manhattan.

Based upon the information, schematic and analytical data submitted, you are hereby conditionally authorized to discharge up to 995,300 gpd groundwater, per provided schematic and information, as specified in your submission, for a period of one year, to the combined sewer at the above mentioned location.

This conditional approval, however, is subject to your obtaining a groundwater discharge Approval, specifying allowable flow rates, from the Division of Permitting and Connections, Bureau of Water and Sewer Operations.

Payment shall be made to the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

In addition, you are required to hold the groundwater to the maximum extent practicable during heavy wet weather events. You are also required to properly maintain the selected treatment equipment.

You must notify this section in writing prior to the commencement of discharge. Refer to the File Case C-3853 in any correspondence to this office.

If you have any questions concerning this matter, please telephone Mr. Saied Islam, Assistant Mechanical Engineer, at (718) 595-4707.

Sincerely,

Frances Leung

Frances Leung, P.E., Chief,
IPP Inspection & Permit Section

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, June 23, 2005

Joseph Mahon
Moretrench American Corporation
467 Central Park Avenue, #2
Yonkers, NY 10704

TEL: (914) 423-1331
FAX (914) 423-0913

Influent

RE: 42nd St. & 11th Ave. N.Y., N.Y.

Order No.: 0506075

Dear Joseph Mahon:

American Analytical Laboratories, LLC. received 1 sample(s) on 6/8/2005 for the **analyses** presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the **chain of** custody and detailed throughout the text of this report.

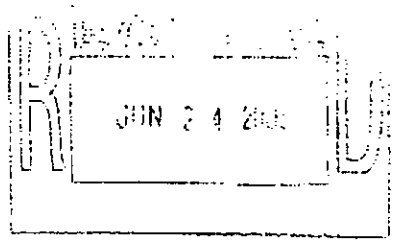
The limits provided in the data package are analytical reporting limits and not Federal **or** Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director



American Analytical Laboratories, LLC.

Date: *23-Jun-05*

CLIENT: Moretrench American Corporation
Project: 42nd St. & 11th Ave. N.Y., N.Y.
Lab Order: 0506075

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0506075-01A	Well	4846	6/8/2005 10:30:00 AM	6/8/2005

AVICHEM ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 4846

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Moretrench American Corp. 467 Central Park Ave. Yonkers, NY 10704
CONTACT: Joe Mahon
PROJECT LOCATION: 42nd St + 11th Ave Manhattan, NY
SAMPLER (SIGNATURE): Joseph Mahon
SAMPLER NAME (PRINT): Joseph Mahon
SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: DEP+	FOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)
0506075-17	L	9	6/8/05 10:30 AM	Well		

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Joseph Mahon	6/8/05 11:30		Chris Dunn	6-8-05 1:40 PM	C. Dunn
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

0506214
0506214

Rec'vd Date: 06/09/05 12:54

CHAIN-OF-CUSTODY RECORD

Subcontractor:

Environmental Testing Laboratories
208 Route 109
Farmingdale, New York 11735

TEL: (631) 249-1456
FAX: (631) 249-8344
Acct #:

08-Jun-05

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests						
				E405.1						
0506075-01A	Liquid	6/8/2005 10:30:00 AM	1L PCU	1						

Comments: Analyze for CBOD.
Results by 6/17/05. Thanks.

		Date/Time			Date/Time
Relinquished by:	Christoph Dunn	6-9-05 10:50	Received by:	[signature]	6/9/05 12:50
Relinquished by:			Received by:		

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *23-Jun-05*

CLIENT:	Moretrench American Corporation	**Client Sample ID:**	Well
Lab Order:	0506075	**Tag Number:**	4846
Project:	42nd St. & 11th Ave. N.Y., N.Y.	**Collection Date:**	6/8/2005 **10:30:00 AM**
Lab ID:	0506075-01A **Date Received:** 6/8/2005	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7470		SW7470A				**Analyst: BK**
Mercury	U	0.000200		mg/L	1	**6/14/2005**
PCB'S AS AROCLORS BY EPA 608		E608		(SW3510B)		**Analyst: NP**
Aroclor 1016	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
Aroclor 1221	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
Aroclor 1232	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
Aroclor 1242	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
Aroclor 1248	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
Aroclor 1254	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
Aroclor 1260	U	0.065		µg/L	1	**6/14/2005 9:40:00 PM**
VOLATILE NYCDEP EPA 602		E602				**Analyst: LDS**
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
1,4-Dichlorobenzene	4.2	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
Benzene	1000	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
Ethylbenzene	1200	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
m,p-Xylene	1900	2.0		µg/L	1	**6/9/2005 11:27:00 PM**
Methyl tert-butyl ether	17	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
Naphthalene	6500	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
o-Xylene	1100	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
Tetrachloroethene	U	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
Toluene	650	1.0		µg/L	1	**6/9/2005 11:27:00 PM**
NYCDEP METALS		SW6010B		(SW3010A)		**Analyst: JP**
Cadmium	U	0.0100		mg/L	1	**6/14/2005 2:52:33 PM**
Chromium	U	0.0200		mg/L	1	**6/14/2005 2:52:33 PM**
Copper	U	0.0200		mg/L	1	**6/14/2005 2:52:33 PM**
Lead	U	0.0150		mg/L	1	**6/14/2005 2:52:33 PM**
Nickel	U	0.0200		mg/L	1	**6/14/2005 2:52:33 PM**
Zinc	0.00548	0.0200	J	mg/L	1	**6/14/2005 2:52:33 PM**
VOLATILES EPA METHOD 601		E601				**Analyst: LDS**
1,1,1-Trichloroethane	U	0.50		µg/L	1	**6/9/2005 11:27:00 PM**
Carbon tetrachloride	U	0.50		µg/L	1	**6/9/2005 11:27:00 PM**
Chloroform	U	0.50		µg/L	1	**6/9/2005 11:27:00 PM**
Tetrachloroethene	U	0.50		µg/L	1	**6/9/2005 11:27:00 PM**

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: *23-Jun-05*

CLIENT:	Moretrench American Corporation	**Client Sample ID:**	Well
Lab Order:	0506075	**Tag Number:**	4846
Project:	42nd St. & 11th Ave. N.Y., N.Y.	**Collection Date:**	6/8/2005 10:30:00 AM
Lab ID:	0506075-01A	**Date Received:** 6/8/2005	**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NITRITE AS N		**E353.2**				Analyst: BK
Nitrogen, Nitrite	0.0106	0.0500	J	mg/L	1	6/23/2005
NITRATE AS N		**E353.2**				Analyst: BK
Nitrogen, Nitrate-Nitrite	U	0.100		mg/L	1	6/22/2005
PHENOL		**SW9066**				Analyst: BK
Phenolics, Total Recoverable	U	0.00100		mg/L	1	6/22/2005
TOTAL KJELDAHL NITROGEN		**E351.2**				Analyst: BK
Nitrogen, Kjeldahl, Total	4.49	0.500		mg/L	1	6/22/2005
TOTAL NITROGEN		**TNITRO**				Analyst: BK
Total Nitrogen	4.60	0.700		ppm	1	6/23/2005
CHLORIDE		**M4500-Cl B**				Analyst: IP
Chloride	660	1.00		mg/L	1	6/9/2005
HEXAVALENT CHROMIUM		**SW7196A**				Analyst: IP
Chromium, Hexavalent	U	10.0		µg/L	1	6/8/2005
IGNITABILITY/FLASHPOINT EPA 1010		**SW1010**				Analyst: IP
Ignitability	>	140		°F	1	6/16/2005
EPA METHOD1664		**E1664**				Analyst: IP
SGT-HEM (Non-Polar Material)	11	1.4		mg/L	1	6/13/2005
CORROSIVITY(PH)		**E150.1**				Analyst: IP
pH	7.00	0		pH Units	1	6/9/2005
TOTAL SOLIDS		**E160.3**				Analyst: BK
Residue, Total	1620	10.0		mg/L	1	6/9/2005
TOTAL SUSPENDED SOLIDS		**E160.2**				Analyst: BK

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detecte

American Analytical Laboratories, LLC.

Date: *23-Jun-05*

CLIENT:	Moretrench American Corporation	**Client Sample ID:**	Well
Lab Order:	0506075	**Tag Number:**	4846
Project:	42nd St. & 11th Ave. N.Y., N.Y.	**Collection Date:**	6/8/2005 **10:30:00 AM**
Lab ID:	0506075-01A **Date Received:** 6/8/2005	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Suspended Solids (Residue, Non-Filterable)	6.00	1.00		mg/L	1	6/9/2005

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

06/16/2005

Carbonaceous Biochemical Oxygen Demand EPA 405.1

Sample: 0506214-1
Client Sample ID: 0506075-01A
Matrix: Liquid
Remarks:
Analyzed Date: 06/09/2005 2:27:28 PM

Type: Grab

Collected: 06/08/2005

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	C - BOD	1.50	39.5	mg/l	

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Wednesday, August 10, 2005

Effluent

Joseph Mahon
Moretrench American Corporation
467 Central Park Avenue, #2
Yonkers, NY 10704

TEL: (914) 423-1331
FAX (914) 423-0913

RE: W.42nd St. River Place II Manhattan, N.Y.

Order No.: 0507239

Dear Joseph Mahon:

American Analytical Laboratories, LLC. received 1 sample(s) on 7/29/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *10-Aug-05*

CLIENT: Moretrench American Corporation
Project: W.42nd St. River Place II Manhattan, N.Y.
Lab Order: 0507239

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0507239-01A	Effluent	6615	7/29/2005 10:30:00 AM	7/29/2005

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 6615

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Moretrench American, 467 Central Park Ave, Yonkers, NY 10704

CONTACT: Joseph Mahon

PROJECT LOCATION: W 42nd St, River Place II, Manhattan, NY

SAMPLER (SIGNATURE): Joseph Mahon

SAMPLER NAME (PRINT): Joseph Mahon

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

ANALYSIS REQUIRED: DEP-4

FOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION
057239-1A	L	7	7/29/05 10:20AM	E-7 Mud

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COOLER TEMPERATURE:

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Joseph Mahon	7/29/05	Joseph Mahon	Chris Dunn	7-29-05 12:20 pm	C. Dunn
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

0507595

0507595 Rec'vd Date: 07/29/05 15:15

CHAIN-OF-CUSTODY RECORD

Subcontractor:

Environmental Testing Laboratories
208 Route 109
Farmingdale, New York 11735

TEL: (631) 249-1456
FAX: (631) 249-8344
Acct #:

29-Jul-05

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests						
				E405.1						
0507239-01A	Liquid	7/29/2005 10:30:00 AM	1L AMGU	1						

Comments: Analyze for CBOD.
Results by 8/9/05. Thanks.

		Date/Time			Date/Time
Relinquished by:		7/29/05 15:20	Received by:		7/29/05
Relinquished by:			Received by:		

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

Case Narrative

Tetrachloroethene (or Tetrachloroethylene) is analyzed by GC and/or GC/MS techniques and are synonyms (CAS# 127-18-4). Non-detect values for the reported trade name Tetrachloroethene also indicate that there is no Tetrachloroethylene in the specific sample(s) contained within this report.

Lori Beyer

American Analytical Laboratories, LLC.

Date: *10-Aug-05*

CLIENT:	Moretrench American Corporation	**Client Sample ID:**	Effluent
Lab Order:	0507239	**Tag Number:**	6615
Project:	W.42nd St. River Place II Manhattan, N.Y.	**Collection Date:**	7/29/2005 **10:30:00 AM**
Lab ID:	0507239-01A **Date Received:** 7/29/2005	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY SW-846 7470		SW7470A				**Analyst: KK**
Mercury	U	0.000200		mg/L	1	**8/2/2005**
PCB'S AS AROCLORS BY EPA 608		E608		(SW3510B)		**Analyst: NP**
Aroclor 1016	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
Aroclor 1221	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
Aroclor 1232	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
Aroclor 1242	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
Aroclor 1248	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
Aroclor 1254	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
Aroclor 1260	U	0.065		µg/L	1	**8/6/2005 5:32:00 AM**
VOLATILE NYCDEP EPA 602		E602				**Analyst: LDS**
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
1,4-Dichlorobenzene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
Benzene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
Ethylbenzene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
m,p-Xylene	U	2.0		µg/L	1	**8/2/2005 12:41:00 PM**
Methyl tert-butyl ether	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
Naphthalene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
o-Xylene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
Tetrachloroethene *	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
Toluene	U	1.0		µg/L	1	**8/2/2005 12:41:00 PM**
NYCDEP METALS		SW6010B				**Analyst: KK**
Cadmium	U	0.0100		mg/L	1	**8/3/2005 3:22:15 PM**
Chromium	U	0.0200		mg/L	1	**8/3/2005 3:22:15 PM**
Copper	U	0.0200		mg/L	1	**8/3/2005 3:22:15 PM**
Lead	U	0.0150		mg/L	1	**8/3/2005 3:22:15 PM**
Nickel	U	0.0200		mg/L	1	**8/3/2005 3:22:15 PM**
Zinc	0.00584	0.0200	J	mg/L	1	**8/3/2005 3:22:15 PM**
VOLATILES EPA METHOD 601		E601				**Analyst: LDS**
1,1,1-Trichloroethane	U	0.50		µg/L	1	**8/2/2005 12:41:00 PM**
Carbon tetrachloride	U	0.50		µg/L	1	**8/2/2005 12:41:00 PM**
Chloroform	U	0.50		µg/L	1	**8/2/2005 12:41:00 PM**
Tetrachloroethene	U	0.50		µg/L	1	**8/2/2005 12:41:00 PM**

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

* ALSO NAMED - TETRACHLOROETHYLENE (PCE)

American Analytical Laboratories, LLC.

Date: *10-Aug-05*

CLIENT:	Moretrench American Corporation	**Client Sample ID:**	Effluent
Lab Order:	0507239	**Tag Number:**	6615
Project:	W.42nd St. River Place II Manhattan, N.Y.	**Collection Date:**	7/29/2005 10:30:00 AM
Lab ID:	0507239-01A **Date Received:** 7/29/2005	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NITRITE AS N		E353.2				Analyst: BK
Nitrogen, Nitrite	U	0.0500		mg/L	1	8/9/2005
NITRATE AS N		E353.2				Analyst: BK
Nitrogen, Nitrate-Nitrite	U	0.100		mg/L	1	8/9/2005
PHENOL		SW9066				Analyst: BK
Phenolics, Total Recoverable	U	0.00100		mg/L	1	8/8/2005
TOTAL KJELDAHL NITROGEN		E351.2				Analyst: BK
Nitrogen, Kjeldahl, Total	1.08	0.500		mg/L	1	8/9/2005
TOTAL NITROGEN		TNITRO				Analyst: BK
Total Nitrogen	1.08	0.700		ppm	1	8/9/2005
CHLORIDE		M4500-Cl B				Analyst: WN
Chloride	240	1.00		mg/L	1	8/2/2005
HEXAVALENT CHROMIUM		SW7196A				Analyst: WN
Chromium, Hexavalent	U	10.0		µg/L	1	7/29/2005
IGNITABILITY/FLASHPOINT EPA 1010		SW1010				Analyst: IP
Ignitability	>	140		°F	1	8/2/2005
EPA METHOD1664		E1664				Analyst: WN
SGT-HEM (Non-Polar Material)	U	1.40		mg/L	1	8/5/2005
CORROSIVITY(PH)		E150.1				Analyst: WN
pH	8.26	[illegible]		pH Units	1	7/29/2005
TOTAL SOLIDS		E160.3				Analyst: WN
Residue, Total	689	10.0		mg/L	1	8/4/2005
TOTAL SUSPENDED SOLIDS		E160.2				Analyst: WN

Qualifiers:

- `*` Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limit
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: *10-Aug-05*

CLIENT:	Moretrench American Corporation	**Client Sample ID:**	Effluent
Lab Order:	0507239	**Tag Number:**	6615
Project:	W.42nd St. River Place II Manhattan, N.Y.	**Collection Date:**	7/29/2005 **10:30:00 AM**
Lab ID:	0507239-01A **Date Received:** 7/29/2005	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Suspended Solids (Residue, Non-Filterable)	1.00	1.00		mg/L	1	8/3/2005

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

08/05/2005

Carbonaceous Biochemical Oxygen Demand EPA 405.1

Sample: 0507595-1
Client Sample ID: 0507239-01A
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 07/29/2005 4:23:21 PM

Collected: 07/29/2005 10:30

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	C - BOD	1.50	1.50	mg/l	U

MORETRENCH AMERICAN CORPORATION
467 CENTRAL PARK AVENUE
YONKERS, NEW YORK 10704
Tel: (914) 423-1331 Fax: (914) 423-0913

MORETRENCH

....since 1931

October 18, 2005

Blue Water Environmental
1610 New Highway
Farmingdale, NY 11735
(631)-249-1872 Phone
(631)-249-8124 Fax

Reference: W 42nd Street

Dear Joe,

Please find the enclosed copies of the pretreatment and effluent water samples for the above referenced project and a copy of the NYCDEP effluent limitations to sanitary and combined sewers.

The water results you submitted to us were not tested for :

- CBOD
- Chloride
- Total Nitrogen
- Total Solids
- Total Suspended Solids
- Non Polar Material
- PH
- Temperature
- Flash Point
- MTBE
- PCB's (Total)

If you should have any questions please do not hesitate to contact us at 914-423-1331.
Thank you.

Very truly yours,
MORETRENCH AMERICAN CORPORATION

Joseph Mahon

MET-7470

Dilution		
Method Blank	MB-55448	MB-55448
Client ID	EFFLUENT-093005	INFLUENT-093005
Lab Sample ID	210969-001	210969-002
Date Sampled	9/30/2005	9/30/2005
Units	ug/L	ug/L
Compound		
Mercury	0.07 U	0.07 U

0.05 mg/L

MET-6010TR

Dilution		
Method Blank	MB-55484	MB-55484
Client ID	EFFLUENT-093005	INFLUENT-093005
Lab Sample ID	210969-001	210969-002
Date Sampled	9/30/2005	9/30/2005
Units	ug/L	ug/L
Compound		
Aluminum	92 U	385 B
Antimony	5.4 U	5.4 U
Arsenic	6.6 B	8.4 B
Barium	346	448
Beryllium	0.54 U	0.54 U
Cadmium	1.1 U	1.1 U — 2.0 0.69 mg/L
Calcium	124000	128000
Chromium	3.4 B	7.5 B — 5 mg/L
Cobalt	8.7 B	8.9 B
Copper	4.3 U	34.1 — 5 mg/L
Iron	414	1770
Lead	5 B	23.9 — 2 mg/L
Magnesium	47100	54000
Manganese	514	538
Nickel	2.6 B	10.4 — 3 mg/L
Potassium	92700	74600
Selenium	5 U	10.6 B
Silver	1.1 U	1.1 U
Sodium	200000	195000
Thallium	10 U	10 U
Vanadium	10	11.4
Zinc	11 U	11 U — 5 mg/L

SVOA-8270

Dilution		
Method Blank	MB-55588	MB-55588
Client ID	EFFLUENT-093005	INFLUENT-093005
Lab Sample ID	210969-001	210969-002
Date Sampled	9/30/2005	9/30/2005
Units	ug/L	ug/L
Compound		
Phenol	10 U	10 U — composite
Bis(2-chloroethyl)ether	10 U	10 U
1 3-Dichlorobenzene	10 U	10 U
1 4-Dichlorobenzene	10 U	10 U — composite
1 2-Dichlorobenzene	10 U	10 U
Benzyl alcohol	10 U	10 U
2-Methylphenol	10 U	10 U
2 2-oxybis (1-chloropropane)	10 U	10 U
n-Nitroso-di-n-propylamine	10 U	10 U
Hexachloroethane	10 U	10 U
4-Methylphenol	10 U	10 U
2-Chlorophenol	10 U	10 U
Nitrobenzene	10 U	10 U
Bis(2-chloroethoxy)methane	10 U	10 U
1 2 4-Trichlorobenzene	10 U	10 U — composite
Isophorone	10 U	10 U
2 4-Dimethylphenol	10 U	10 U
Hexachlorobutadiene	10 U	10 U
Naphthalene	10 U	10 U — 47 ppb
2 4-Dichlorophenol	10 U	10 U
4-Chloroaniline	10 U	10 U
2 4 6-Trichlorophenol	10 U	10 U
2 4 5-Trichlorophenol	50 U	50 U
Hexachlorocyclopentadiene	10 U	10 U
2-Methylnaphthalene	10 U	10 U
2-Nitroaniline	50 U	50 U
2-Chloronaphthalene	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U
2 6-Dinitrotoluene	10 U	10 U
2-Nitrophenol	10 U	10 U
3-Nitroaniline	50 U	50 U
Dimethyl phthalate	10 U	10 U
2 4-Dinitrophenol	50 U	50 U
Acenaphthylene	10 U	10 U
2 4-Dinitrotoluene	10 U	10 U
Acenaphthene	10 U	2 J
Dibenzofuran	10 U	1 J
4-Nitrophenol	50 U	50 U
Fluorene	10 U	1 J
4-Nitroaniline	20 U	20 U
4-Bromophenyl phenyl ether	10 U	10 U
Hexachlorobenzene	10 U	10 U
Diethyl phthalate	10 U	10 U

4-Chlorophenyl phenyl ether	10 U	10 U
Pentachlorophenol	50 U	50 U
n-Nitrosodiphenylamine	10 U	10 U
4 6-Dinitro-2-methylphenol	50 U	50 U
Phenanthrene	10 U	0.7 J
Anthracene	10 U	1 J
Carbazole	10 U	10 U
Di-n-butyl phthalate	10 U	10 U
Fluoranthene	10 U	5 J
Pyrene	10 U	4 J
Butyl benzyl phthalate	10 U	10 U
Benzo(a)anthracene	10 U	2 J
Chrysene	10 U	1 J
3 3-Dichlorobenzidine	20 U	20 U
Bis(2-ethylhexyl)phthalate	10 U	10 U
Di-n-octyl phthalate	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U
Benzo(a)pyrene	10 U	10 U
Indeno(1 2 3-cd)pyrene	10 U	10 U
Dibenzo(a h)anthracene	10 U	10 U
Benzo(ghi)perylene	10 U	10 U

TPH-8015D

Dilution		
Method Blank	MB-55675	MB-55675
Client ID	EFFLUENT-093005	INFLUENT-093005
Lab Sample ID	210969-001	210969-002
Date Sampled	9/30/2005	9/30/2005
Units	ug/L	ug/L
Compound		
Diesel Range Organics (DRO)	500 U	1400

VOA-8260.5

Dilution		
Method Blank	MB-55555	MB-55622
Client ID	EFFLUENT-093005	INFLUENT-093005
Lab Sample ID	210969-001	210969-002
Date Sampled	9/30/2005	9/30/2005
Units	ug/L	ug/L
Compound		
Chloromethane	5 U	5 U
Vinyl chloride	5 U	5 U
Bromomethane	5 U	5 U
Chloroethane	5 U	5 U
1 1-Dichloroethene	5 U	5 U
Carbon disulfide	5 U	5 U
Acetone	10 U	5.1 J
Methylene chloride	1.2 JB	1.3 JB
trans-1 2-Dichloroethene	5 U	5 U
1 1-Dichloroethane	5 U	5 U
cis-1 2-Dichloroethene	5 U	5 U
2-Butanone (MEK)	10 U	10 U
Chloroform	5 U	5 U — composite
1 1 1-Trichloroethane	5 U	5 U — composite
Carbon tetrachloride	5 U	5 U — composite
Benzene	5 U	110 — 134 ppb
1 2-Dichloroethane	5 U	5 U
Trichloroethene	5 U	5 U
1 2-Dichloropropane	5 U	5 U
Bromodichloromethane	5 U	5 U
cis-1 3-Dichloropropene	5 U	5 U
4-Methyl-2-pentanone (MIBK)	10 U	10 U
Toluene	5 U	15 — 74 ppb
trans-1 3-Dichloropropene	5 U	5 U
1 1 2-Trichloroethane	5 U	5 U
Tetrachloroethene	5 U	5 U — 20 ppb
2-Hexanone	10 U	10 U
Dibromochloromethane	5 U	5 U
Chlorobenzene	5 U	5 U
Ethylbenzene	5 U	12 — 380 ppb
Styrene	5 U	1.3 J
Bromoform	5 U	5 U
1 1 2 2-Tetrachloroethane	5 U	5 U
Xylenes (total)	5 U	46 — 74 ppb

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTEWATER TREATMENT

LIMITATIONS FOR EFFLUENT TO *SANITARY OR COMBINED* SEWERS

Parameter[1]	Daily Limit	Units	Sample Type	Monthly Limit
Non-polar material[2]	50	mg/l	Instantaneous	---
pH	5-11	SU's	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	--- ---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper	5	mg/l	Instantaneous	---
Lead	2	mg/l	Instantaneous	---
Mercury	0.05	mg/l	Instantaneous	---
Nickel	3	mg/l	Instantaneous	---
Zinc	5	mg/l	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total)[3]	1	ppb	Composite	---
Total Suspended Solids (TSS)	350[4]	mg/l	Instantaneous	---
CBOD[5]	---	---	Composite	---
Chloride[5]	---	---	Instantaneous	---
Total Nitrogen[5]	---	---	Composite	---
Total Solids[5]	---	---	Instantaneous	---
Other				

1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the least of the Practical Quantitation Limits identified in NYSDEC's Analytical Detectability and Quantitation Guidelines for Selected Environmental Parameters, December 1988

2 Analysis for *non-polar materials* must be done by EPA method 1664 Rev. A. Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N-Hexane or any other extraction solvent the EPA shall prescribe, by silica gel absorp-

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

MEMORANDUM

Project # 5582403

To: Joel Landes
Cc:

From: Arjun Patney

Date: October 26, 2005

Re: Review of Analytical Results for Dewatering System Samples Collected 9/30/05 at River Place II, 42nd Street & 11th Avenue, New York, NY

I have reviewed the analytical results for the influent sample and the effluent sample collected in association with the dewatering system at River Place II. The samples were collected by Doane Cafferty on September 30, 2005 and were analyzed by Severn Trent Laboratories (STL) of Shelton, CT. The samples were analyzed for Total Petroleum Hydrocarbons, TAL Metals, TCL Volatile Organic Compounds, and TCL Semivolatile Organic Compounds.

The effluent sample results were compared to the NYCDEP Bureau of Wastewater Treatment's Limitations for Effluent to Sanitary or Combined Sewers. All analytes were at concentrations either non-detectable or below the discharge limits.

For information purposes, the influent sample results were also compared to the Limitations for Effluent to Sanitary or Combined Sewers. All analytes were at concentrations either non-detectable or below the discharge limits.

If you have further questions about the information presented here, please let me know.

U:\Data4\5582403\Office Data\Reports\Dewatering samples\Lab results memo.doc

APPENDIX G
SUMMARY OF DEWATERING SYSTEM EFFLUENT AND INFLUENT SAMPLE RESULTS
RIVER PLACE II
NEW YORK, NEW YORK

Sample ID Lab Sample ID Date Sampled Units	NYCDEP EFFLUENT LIMITATION TO SANITARY & COMBINED SEWER ug/L	NYCDEP EFFLUENT LIMITATION TO STORM SEWER ug/L	EFFLUENT-093005 210969-001 9/30/2005 ug/L	INFLUENT-093005 210969-002 9/30/2005 ug/L
VOCs	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Acetone	NS	NS	< 10 U	5.1 J
Methylene chloride	NS	NS	1.2 JB	1.3 JB
Benzene	134	134	< 5 U	110
Toluene	74	74	< 5 U	15
Tetrachloroethene	20	20	< 5 U	< 5 U
Ethylbenzene	380	380	< 5 U	12
Styrene	NS	NS	< 5 U	1.3 J
Xylenes (total)	74	74	< 5 U	46
MTBE	50	10	NA	NA
SVOCs	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Naphthalene	47*	47*	< 10 U	< 10 U
Acenaphthene	NS	NS	< 10 U	2 J
Dibenzofuran	NS	NS	< 10 U	1 J
Fluorene	NS	NS	< 10 U	1 J
Phenanthrene	NS	NS	< 10 U	0.7 J
Anthracene	NS	NS	< 10 U	1 J
Fluoranthene	NS	NS	< 10 U	5 J
Pyrene	NS	NS	< 10 U	4 J
Benzo(a)anthracene	NS	NS	< 10 U	2 J
Chrysene	NS	NS	< 10 U	1 J
Diesel Range Organics (DRO)	NS	NS	< 500 U	1400
METALS	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Arsenic	NS	NS	6.6 B	8.4 B
Barium	NS	NS	346	448
Cadmium	2 / 0.69*	2 / 0.69*	< 1.1 U	< 1.1 U
Calcium	NS	NS	124000	128000
Chromium	5	5	3.4 B	**7.5** B
Cobalt	NS	NS	8.7 B	8.9 B
Copper	5	5	< 4.3 U	**34.1**
Iron	NS	NS	414	1770
Lead	2	2	**5** B	**23.9**
Magnesium	NS	NS	47100	54000
Manganese	NS	NS	514	538
Nickel	3	3	2.6 B	**10.4**
Potassium	NS	NS	92700	74600
Selenium	NS	NS	< 5 U	10.6 B
Sodium	NS	NS	200000	195000
Vanadium	NS	NS	10	11.4
Zinc	5	5	< 11 U	< 11 U
Mercury	0.05	0.05	< 0.07 U	< 0.07 U
*PCB**	1 ug/L*	1 ug/L*	NA	NA
Total Suspended Solids	350 mg/L	–	NA	NA
Carbonaceaus Oxygen Demand	–*	–*	NA	NA
Total Nitrogen	–*	–*	NA	NA
Non-polar Material	50 mg/L	–	NA	NA
pH	5-11	6.5-8.5	NA	NA
Temperature	< 150 degrees F	< 150 degrees F	NA	NA
Flash Point	>140 degrees F	>140 degrees F	NA	NA
Oil and Grease	NS	15 mg/L	NA	NA

NOTES:
1. NYCDEP - New York City Department of Environmental Protection
2. *NYCDEP effluent parameters are shown as italic and underlined.*
3. **NYCDEP effluent exceedances are highlighted in BOLD.**
4. Only compounds shown are limited to those detected in one or more samples and results for all the parameters listed in NYCDEP's Limitations for Effluent to Sanitary or Combined Sewers List

NS - No standard
* Indicates criteria for composite sample type effluent, all others are instantaneous sample type.
mg/L = milligrams per liter
ug/L - micrograms per liter
NA - Not Analyzed
< = Laboratory verifies that the compound is not detected at or above the reporting limit.

QUALIFIERS:
U - Analyte was not detected at or above the reporting limit.
J - Result is an estimated value below the reporting limit or tentatively identified compound (TIC).
B - Result is less then the Reporting Limits, but greater than or equal to the Method Detection Limit.

Dewatering Volume (Gallons)

DATE	TIME (AM/PM)	Meter Reading (100 gal)	TOTAL/DAY Gallons	Comments
24-Aug	7:00 AM	68,676	33500	
25-Aug	7:00 AM	69,011	3700	
26-Aug	7:00 AM	69048	2000	
27-Aug	7:00 AM	69068	5400	
29-Aug	7:00 AM	69122	12300	
30-Aug	7:00 AM	69245	5200	
31-Aug	7:00 AM	69297	8100	
1-Sep	7:00 AM	69378	6900	
6-Sep	7:00 AM	69447	7600	
7-Sep	7:00 AM	69523	2700	
8-Sep	7:00 AM	69550	2000	
9-Sep	7:00 AM	69570	2100	
12-Sep	7:00 AM	69591	11600	
13-Sep	7:00 AM	69707	3300	
14-Sep	7:00 AM	69740	4700	
15-Sep	7:00 AM	69787	5900	
16-Sep	7:00 AM	69846	7500	
19-Sep	7:00 AM	69921	9400	
20-Sep	7:00 AM	70015	4600	
21-Sep	7:00 AM	70061	8900	
22-Sep	7:00 AM	70150	2800	
23-Sep	7:00 AM	70178	2200	
26-Sep	7:00 AM	70200	3700	
27-Sep	7:00 AM	70237	5600	
28-Sep	7:00 AM	70293	2700	
29-Sep	7:00 AM	70320	6700	
30-Sep	7:00 AM	70353	3400	
3-Oct	7:00 AM	70387	700	
4-Oct	7:00 AM	70394	6500	
5-Oct	7:00 AM	70459	1600	
6-Oct	7:00 AM	70475	2400	
7-Oct	7:00 AM	70499	6300	
11-Oct	7:00 AM	70562	9500	
12-Oct	7:00 AM	70657	31700	
13-Oct	7:00 AM	70974	65200	
14-Oct	7:00 AM	71626	11700	
17-Oct	7:00 AM	71743	253500	
18-Oct	7:00 AM	74278	91200	
19-Oct	7:00 AM	75190	15500	
20-Oct	7:00 AM	75345	3500	
21-Oct	7:00 AM	75380	11300	
24-Oct	7:00 AM	75493	15700	
25-Oct	7:00 AM	75650	55000	
26-Oct	7:00 AM	76200	27000	
27-Oct	7:00 AM	76470	7200	

28-Oct	7:00 AM	76542	3900	
31-Oct	7:00 AM	76581	6700	
1-Nov	7:00 AM	76648	2100	
2-Nov	7:00 AM	76669	2100	
3-Nov	7:00 AM	76690	1300	
4-Nov	7:00 AM	76703	1400	
7-Nov	7:00 AM	76717	3800	
8-Nov	7:00 AM	76755	600	
9-Nov	7:00 AM	76761	700	
10-Nov	7:00 AM	76768	5200	
11-Nov	7:00 AM	76820	2000	
14-Nov	7:00 AM	76840	4800	
15-Nov	7:00 AM	76888	2500	
16-Nov	7:00 AM	76913	8000	
17-Nov	7:00 AM	76993	2000	
18-Nov	7:00 AM	77013	1700	
21-Nov	7:00 AM	77030	12500	
22-Nov	7:00 AM	77155	3200	
23-Nov	7:00 AM	77187	6600	
28-Nov	7:00 AM	77253	1300	
29-Nov	7:00 AM	77266	34000	
30-Nov	7:00 AM	77606	5200	
1-Dec	7:00 AM	77658	2500	
2-Dec	7:00 AM	77683	2600	
5-Dec	7:00 AM	77709	5000	
6-Dec	7:00 AM	77759	3200	
7-Dec	7:00 AM	77791	1100	
8-Dec	7:00 AM	77802	100	
9-Dec	7:00 AM	77803	200	
12-Dec	7:00 AM	77805	5900	
13-Dec	7:00 AM	77864	800	
14-Dec	7:00 AM	77872	300	
15-Dec	7:00 AM	77875	500	
16-Dec	7:00 AM	77880	11800	
19-Dec	7:00 AM	77998	16400	
20-Dec	7:00 AM	78162	5400	
21-Dec	7:00 AM	78216	1300	
22-Dec	7:00 AM	78229	1400	
23-Dec	7:00 AM	78243	700	
26-Dec	7:00 AM	78250	600	
27-Dec	7:00 AM	78256	16600	
28-Dec	7:00 AM	78422	4500	
29-Dec	7:00 AM	78467	3200	
30-Dec	7:00 AM	78499	5700	
3-Jan	7:00 AM	78556	18000	
4-Jan	7:00 AM	78736	9800	
5-Jan	7:00 AM	78834	3300	
6-Jan	7:00 AM	78867	2900	
9-Jan	7:00 AM	78896	9000	
10-Jan	7:00 AM	78986	2600	
11-Jan	7:00 AM	79012	2500	
12-Jan	7:00 AM	79037	3300	

13-Jan	7:00 AM	79070	1200	
16-Jan	7:00 AM	79082	11500	
17-Jan	7:00 AM	79197	11100	
23-Jan	7:00 AM	79308	2500	
24-Jan	7:00 AM	79333	20200	
25-Jan	7:00 AM	79535	1000	
26-Jan	7:00 AM	79545	400	
27-Jan	7:00 AM	79549	1100	
30-Jan	7:00 AM	79560	1000	
31-Jan	7:00 AM	79570	700	
1-Feb	7:00 AM	79577	1800	
2-Feb	7:00 AM	79595		**Last Reading**

1,091,900