February 2, 2012
Project No. 147-162516

Ms. Sondra Martinkat-Taule
New York State Department of Environmental Conservation
Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

Re: Periodic Review Report
Lycee Francais de New York
505 East 75th Street
New York, New York 10021

Dear Ms. Martinkat-Taule:

HDR is pleased to submit this Periodic Review Report (PRR) on behalf of Lycee Francais de New York (LFNY). This is the fourth annual PRR submitted on behalf of the School. The PRR outline is based on the NYSDEC's 45-day Reminder Notice and the approved Site Management Plan (SMP) dated March 2008. The enclosed PRR documents the implementation and compliance with LFNY's approved SMP.

Please contact me if you need any additional information.

Sincerely,
Henningson, Durham and Richardson
Architecture and Engineering, P.C.
in association with HDR Engineering, Inc.

Michael P. Musso, P.E.
Senior Project Engineer

Attachment

cc: A. DeMarco, NYSDOH (CD)
T. Kennedy, Lycee Francais
Paul Casowitz, Sive Paget & Riesel, P.C.
Thomas Lopez, Katsky Korins LLP

Lycee Francais de New York

NEW YORK, NEW YORK

Periodic Review Report

NYSDEC VCA Index Number D2-0001-01-05
VCP Site ID Number: V00425

Prepared for:
Lycee Francais de New York
505 East 75th Street
New York, New York 10021

Prepared by:
HDR
Henningson, Durham, & Richardson Architecture and Engineering
in association with HDR Engineering, Inc.

One Blue Hill Plaza
Pearl River, New York 10965
845-735-8300
HDR File No. 147-27156

FEBRUARY 2012

Periodic Review Report

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1.0 INTRODUCTION

The Denihan Company entered into a Voluntary Cleanup Agreement (VCA) (Index# D2-0001-01-05, Site ID number V00425) with the NYSDEC to develop a 0.64 acre property located in New York City, New York. This VCA required The Denihan Company to investigate and remediate contaminated media at the Site. Remedial Action work on the Site began in January 2001 and was completed in August 2002. After completion of the remedial work, some contamination was left in the subsurface at this Site. A Site Management Plan (SMP, dated March 2008) was prepared to manage residual contamination at the Site in accordance with 6 NYCRR Part 375.

As required by the approved SMP, an annual inspection has been conducted and this Periodic Review Report (PRR) has been prepared in accordance with NYSDEC Draft DER-10 *Technical Guidance for Site Investigation and Remediation* requirements. This is the fourth PRR prepared for the Site. The reporting period includes January 25, 2011 through January 17, 2012 (in accordance with the DEC 45-Day Notification). The report includes the following elements, as described in the March 2008 SMP.

- Identification of all required Engineering Controls (ECs) and pending Institutional Controls (ICs);
- An evaluation of the Engineering and Institutional Control Plan and the Monitoring Plan for adequacy in meeting remedial goals;
- Assessment of the continued effectiveness of all Institutional and Engineering Controls for the Site;
- Certification of the EC/ICs;
- Results of the required periodic Site Inspections; and
- All deliverables generated during the reporting period, as specified in *Section 2 - EC/IC Plan, Section 3 - Monitoring Plan* and *Section 4 - Operation and Maintenance Plan* of the approved SMP.

2.0 SITE OVERVIEW

Since residual on-site contamination may still be present at this Site, Engineering Controls and Institutional Controls have been and will continue to be implemented to protect public health and the environment. The Controlled Property has two primary Engineering Controls. These are a groundwater treatment system and an engineered vapor barrier system. The ICs will require notification of NYSDEC prior to any planned disturbance of the vapor barrier system.

As background it should be noted that as part of the indoor air quality program at Lycee Francais de New York (LFNY, the School), operation procedures for the building's air handling system are in place, implemented, reviewed, and maintained by the School maintenance staff and outside mechanical contractors. In addition, indoor air testing has been conducted and reported to NYSDEC / NYSDOH. No further indoor air testing is required at the property.

The deed restriction which formally documents IC/ECs at the School was filed in March 2010 (see Appendix A). The property remains in compliance with the requirements of the ICs:

- All Engineering Controls are being operated and maintained as specified in the SMP;
- All Engineering Controls are inspected and certified at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring is being performed as defined in the SMP; and
- Data and information pertinent to Site Management is reported at the frequency and in a manner defined in the SMP.

The remediation contemplates Institutional Controls in the form of Site restrictions. Adherence to these Institutional Controls are required under the Deed Restriction. Site restrictions include:

- *Use of groundwater underlying the Site is prohibited without treatment rendering it safe for the intended use;*
- *All future activities on the Site that will disturb residual contaminated material are prohibited unless they are conducted in accordance with the soil/materials management provisions in the SMP; and*

- *The owner of the property shall prohibit the Site from ever being used for purposes other than residential, commercial (profit and not-for-profit) or industrial use provided the long term Engineering and Institutional Controls remain in full force and effect as set forth in the Site Management Plan without express written waiver of such prohibition by the Department, or the Relevant Agency.*

The Site has consistently been operated in conformance with these restrictions over the first, second, third, and fourth annual PRR reporting period.

The EC/ICs should:

- Prevent ingestion of groundwater with contamination levels that exceed drinking water standards;
- Prevent contact with or inhalation of volatiles from contaminated groundwater;
- Pre-treat groundwater in accordance with New York City Department of Environmental Protection (NYCDEP) discharge limits;
- Restore groundwater to pre-disposal/pre-release conditions, to the extent practicable; and
- Prevent ingestion/direct contact with contaminated soil, fill material, or weathered bedrock.

As noted below and documented in this PRR, the ECs and ICs have remained in place and have functioned appropriately over this reporting period.

3.0 IC/EC COMPLIANCE REPORT

Based on the annual site inspection of January 17, 2012 and site information reviewed during the reporting period, the engineering controls described in the SMP appear to be in place and functional.

3.1 Vapor Barrier System

Direct contact exposure to residual subsurface contamination (i.e., on-site soil/fill/bedrock) is prevented by the School building, concrete driveway, and surrounding concrete sidewalks. Exposure to vapors is prevented by an engineered vapor barrier system built on-Site. The vapor barrier system is a "positive-side" application, i.e., the barrier products were installed on the exteriors of the building foundation slab and all subsurface walls. The membrane was installed to provide a continuous system with no gaps or penetrations. No current direct contact exposure pathways to possible residual subsurface contamination have been identified for School occupants. No maintenance of the vapor barrier system is required under normal conditions; however, procedures for repairing the vapor barrier in the unlikely event that it is disturbed in the future are noted in the SMP.

The performance of the vapor barrier system was further evaluated by conducting periodic air sampling at the Site in 2008 and 2009. A description of the air sampling results was provided in the 2009 PRR.

3.2 Groundwater Treatment System

The groundwater treatment system is comprised of two liquid phase granular activated carbon (GAC) vessels, bag filters, piping, pump, meters, and pressure gauges. The system equipment and operations is maintained under a NYCDEP discharge permit. Direct contact exposure to contaminated groundwater (i.e., residual contamination originating at the Site or from up-gradient locations) is prevented by the School's foundation underdrain system which drains to sump pits located in the LL2 mechanical rooms. Foundation water is pumped mechanically to the City sewer system and is first treated by the groundwater treatment system contained in the southwest mechanical room. The room also contains the School's sanitary sewer pumps and storm water ejector pumps.

Access to the mechanical room is restricted to the School's maintenance staff and contractors, and the room is equipped with a dedicated ventilation system that insures a net negative pressure as compared with the common hallway from where the room is accessed. The mechanical room is typically accessed during off-hours (e.g., before or after normal School hours or on weekends). The foundation sump remains covered except for periodic maintenance of the pumps associated with the groundwater treatment system.

The performance of the groundwater treatment system is evaluated periodically by LFNY, J&R Mechanical, and HDR staff via monitoring sediment build-up in bag filters, system flows, and pressure readings, and by conducting annual groundwater sampling at the Site. A description of the most-recent groundwater sampling results in provided in Section 4.0 of the PRR.

3.3 IC/EC Certification

The annual Site inspection, Site monitoring data, and Site operations and maintenance records have been evaluated as part of the EC/IC certification and have confirmed that the Site remedies continue to be protective of public health and the environment and are performing as designed. A signed IC/EC Certification is provided as Appendix B.

4.0 MONITORING PLAN COMPLIANCE REPORT

4.1 Components of the Monitoring Plan

Components of the Monitoring Plan are outlined below.

1. Indoor air monitoring (Air) - conduct air sampling in 2008 / 2009 (3 events) **COMPLETED**
2. Groundwater discharge monitoring (Groundwater) - conduct water sampling, treatment system O&M
3. Assess underdrain system (Groundwater) - LL2 cleanout inspection, observe sump flows

4.2 Summary of Monitoring Completed

The following table outlines monitoring tasks completed and documented during the reporting period (January 25, 2011 – January 17, 2012). Table 1 was developed based on the following: review of groundwater treatment system operations, maintenance, and monitoring (OM&M) and discharge permit renewal activities; review of correspondences received from the School maintenance staff over the PRR reporting period; and an on-site records review conducted during the annual site inspection.

Table 1

Monitoring Tasks

Monitoring Task	Required Frequency	Date Completed	Comments
Groundwater Sampling	Annually (prior to NYCDEP discharge permit expiration). NOTE: carbon usage is evaluated by HDR based on flow of foundation water through the system and influent VOC concentrations.	June 21 2011	All analytes below the respective NYCDEP Limitations for Effluent to Sanitary or Combined Sewers.
Inspect Groundwater Treatment System (Form G, part 1)	Monthly	**Written documentation available for:** 02-12-2011 03-05-2011 03-29-2011 05-07-2011 06-04-2011 08-08-2011 09-10-2011 10-08-2011 10-29-2011 12-03-2011	Inspection documentation was available on an approximate monthly basis. No issues were noted during the system inspections or OM&M activities, or during telephone / email correspondences with School staff.
Inspect Underdrain System (Form G, part 2)	Monthly	02-12-2011 03-05-2011 03-29-2011 04-19-2011 05-18-2011 06-04-2011 08-08-2011 09-10-2011 10-08-2011 10-29-2011 11-26-2011 12-03-2011	Inspection documentation was available on an approximate monthly basis. No issues have been noted over the reporting period.

4.3 Comparison with Remedial Objective

Effluent from the groundwater treatment system, which discharges to the combined sewer located below 75th Street (between York Avenue and the FDR Drive) was sampled on June 21 2011. All analytical results were non-detect and/or within the NYCDEP effluent limitations for discharges to Sanitary or Combined Sewers. Copies of the most recent Wastewater Quality Control application, sample data, and NYCDEP approval are provided in Appendix C. The discharge permit for the groundwater treatment system is currently renewed on an annual basis.

Inspections of the groundwater treatment system and underdrain system have been performed on a routine basis. No issues were noted during the inspections. Copies of completed inspection checklist (Form G) are provided in Appendix D.

4.4 Monitoring Deficiencies

During this fourth annual PRR site inspection, no significant monitoring deficiencies were noted:

- Although written documentation was not always kept at the frequencies noted in the SMP, the School maintenance staff has remained diligent on the inspections of SMP components and has remained in contact with HDR with regard to site conditions. **No issues with the groundwater treatment system or underdrain system have been identified during the reporting period**.

- Inspections of the groundwater treatment system, the southwest foundation pit, the northeast foundation pit and flow meter readings were documented on an approximate monthly basis (Form G). A total of 10 written inspection reports were available on file at the School covering the reporting period. It should be noted that carbon change-out activities are performed on an annual basis, and School staff access the mechanical room that houses the groundwater treatment system approximately once per day.

- Inspections of the underdrain cleanouts was documented on an approximate monthly basis. A total of 12 inspection reports were available in the School files.

4.5 Monitoring Plan - Conclusions / Recommendations

All groundwater sampling was conducted as required during the reporting period. The sampling results demonstrate that the engineering controls are performing properly and continue to be effective.

5.0 OPERATIONS & MAINTENANCE PLAN COMPLIANCE REPORT

The results of the annual site inspection and the Site monitoring data were evaluated to confirm that the operation and maintenance (O&M) activities are being conducted properly. A summary of HDR's findings is provided herein.

5.1 O&M Plan Requirements

The following provides an outline of the approved O&M Plan components.

1.	Change-out of bag filters	annually (minimum)
2.	Replacement of granular activated carbon	annually
3.	Backwash of the two carbon vessels	two times per year
4.	Replacement/ reconditioning of the submersible pump	once every two years
5.	Other components (e.g., valves, piping, meters)	as needed
6.	Routine maintenance form (form L)	as needed
7.	Non-routine maintenance form (form M)	as needed

5.2 Summary of O&M Completed

The following table outlines all of the O&M tasks completed during the reporting period (January 25, 2011 – January 17, 2012). Table 2 was developed based on the following: review of correspondences received from the School maintenance staff and J&R Mechanical (plumbing contractor) over the PRR reporting period; review of carbon changeout information and waste disposal documentation as received from Brookside Environmental (carbon changeout contractor); and an on-site records review conducted during the annual site inspection.

Table 2

Operations & Maintenance Tasks

O&M Task	Required Frequency	Date Completed	Comments
Change-out of bag filters	Annually, or more frequent as needed	02-12-2011 03-05-2011 03-29-2011 05-07-2011 06-04-2011 08-08-2011 09-10-2011 10-08-2011 10-29-2011 12-03-2011	Form L Form L Form L Form L Form L Form L Form L Form L Form L Form L
Replacement of granular activated carbon	Annually	06/21/11	Form M
Backwash of the two carbon vessels	Two times per year	N/A	
Replacement/ reconditioning of the submersible pump	Once every two years	N/A	
Other components (e.g., valves, piping, meters)	As needed	N/A	
Routine maintenance form (L)	As needed	N/A	
Non-routine maintenance form (M)	As needed	N/A	

Documentation of completed O&M and site inspection tasks is provided in Appendix E. Copies of completed routine maintenance forms (Form L) are provided in Appendix F and copies of Non-routine maintenance forms (Form M) are provided in Appendix G.

5.3 Evaluation of Remedial System

All groundwater treatment system maintenance was performed as required. No downtime associated with the groundwater treatment system was reported during the previous 12 months. The treatment system continues to perform as designed and permitted.

5.4 O&M Deficiencies

During this fourth annual PRR site inspection, no O&M deficiencies were noted.

- Form L was completed for all of the bag filter change-outs and routine maintenance performed by outside contractors.

- Form M was completed for the June 21, 2011 disconnect/re-connect of the groundwater treatment system for purposes of activated carbon replacement. Form M was completed in June 2011 for replacement of activated carbon.

- Based on flow, pressure readings, and carbon replacement, no carbon backwashing was required.

5.5 O&M Plan - Conclusions / Recommendations

The groundwater treatment system was operational every day within the reporting period as reported by the School maintenance staff; no downtime was reported. All operations and maintenance work required to allow for proper functioning of the groundwater treatment system was performed as required. No problems or issues in engineering controls were identified during the reporting period. It was noted that a back-up pump is maintained on site in the event of pump failure. Recordkeeping associated with O&M tasks is satisfactory.

6.0 CONCLUSIONS / RECOMMENDATIONS

The deed restriction, which formally documents IC/ECs at the School, was filed in March 2010.

The requirements of the IC/EC component of the SMP have been met during the reporting period. There was no downtime associated with the groundwater treatment system, and sampling data indicate no impact to human health or the environment. The requirements of the Monitoring Plan component of the SMP have been met. Site maintenance staff who are responsible for conducting inspections were reminded of SMP monitoring requirements after completion of the annual site inspection.

System monitoring (i.e., groundwater sampling) has demonstrated no impact to human health or the environment, and all ECs appear to be functioning properly. As outlined in the SMP, it is understood that no additional air sampling is required under the SMP program. Groundwater treatment and effluent sampling will continue to be conducted as required by the NYCDEP. Overall, the annual site inspection and review of pertinent site information from the past year has documented compliance with the approved SMP.

Appendix A

Deed Restriction

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2010031701069001002E9EB0

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 9**

Document ID: 2010031701069001 Document Date: 03-02-2010 Preparation Date: 03-17-2010
Document Type: SUNDRY AGREEMENT
Document Page Count: 7

PRESENTER:
FIDELITY NATIONAL TITLE INS. COMPANY
PICK UP SOPHIA
ONE PARK AVENUE, SUITE 1402
NEW YORK, NY 10016
212-471-3764
william.mcnair@fnf.com/title no. 10-22304-AC-NYM

RETURN TO:
RICHARD DENNETT, ESQ.
DENNETT LAW OFFICES, P.C.
505 NORTHERN BOULEVARD
GREAT NECK, NY 11021

PROPERTY DATA

Borough	Block	Lot		Unit	Address
MANHATTAN	1487	5	Entire Lot		503 EAST 75TH STREET
Property Type: OTHER					
Borough	**Block**	**Lot**		**Unit**	**Address**
MANHATTAN	1487	8	Entire Lot		507 EAST 75TH STREET
Property Type: OTHER					

x Additional Properties on Continuation Page

CROSS REFERENCE DATA
CRFN_____ *or* Document ID_____ *or* _____ Year____ Reel ___ Page ____ *or* File Number_____

PARTIES

PARTY 1:
LYCEE FRANCAIS DE NEW YORK
505 EAST 75TH STREET
NEW YORK, NY 10021

FEES AND TAXES

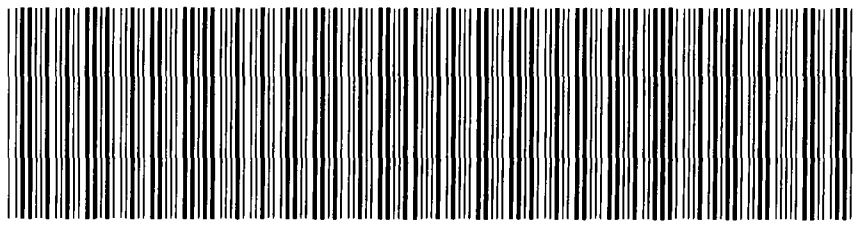
Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	78.00
Affidavit Fee:	$	0.00

Filing Fee:		
	$	0.00
NYC Real Property Transfer Tax:		
	$	0.00
NYS Real Estate Transfer Tax:		
	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 03-23-2010 10:19
City Register File No.(CRFN):
2010000097180

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



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RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 9**

Document ID: 2010031701069001 Document Date: 03-02-2010 Preparation Date: 03-17-2010
Document Type: SUNDRY AGREEMENT

PROPERTY DATA

Borough	Block	Lot		Unit	Address
MANHATTAN	1487	43	Entire Lot		506 EAST 76TH STREET

Property Type: OTHER

DECLARATION of COVENANTS and RESTRICTIONS

THIS DECLARATION of Covenants and Restrictions is made as of the 2nd day of March, 2010, by Lycée Français de New York, a not-for-profit corporation organized and existing under the laws of the State of New York and located at 505 East 75th Street, New York, New York 10021.

WHEREAS, Lycée Français de New York is the owner of a parcel of property located at 503-509 East 75th Street and 502-512 East 76th Street (Block 1487, Lots 5 and 8 and Block 1487, Lot 43) in the City, County and State of New York, more particularly described in Exhibit "A" attached hereto and made part hereof (hereinafter referred to as the "Controlled Property"), which was conveyed by Albanese Partners, LLC to the Lycée Français de New York by deed dated January 4th, 2001 and recorded in the New York County Clerk's Office on February 8, 2001 in Reel 3235, pages 1681 and 1682; and

WHEREAS, the Controlled Property is the subject of a Voluntary Cleanup Agreement, dated May 10, 2001 as Site # V00425: Index # P2-0001-01-05 executed by The Denihan Company as part of the New York State Department of Environmental Conservation's (the "Department") Voluntary Cleanup Program; and

WHEREAS, subject to and in accordance with the Voluntary Cleanup Agreement, the Department approved the Work Plan, dated February, 2001, prepared by A.K.R.F., Inc.; and

WHEREAS, the Work Plan requires a site management plan for the Controlled Property, sets forth the selected remedy for the Controlled Property and requires that the Controlled Property be subject to restrictive covenants so that the selected remedy be protective of human health and the environment; and

WHEREAS, this Declaration of Covenants and Restrictions sets forth those required restrictive covenants and is made pursuant to Paragraph X of the Voluntary Cleanup Agreement.

NOW, THEREFORE, Lycée Français de New York, for itself and its successors and assigns, covenants and agrees as follows:

1. The Controlled Property is hereby made subject to this Declaration of Covenants and Restrictions.

2. Unless the prior written approval of the Department is first obtained or, if the Department shall no longer exist or no longer have jurisdiction with respect to the enforcement of this Declaration of Covenants and Restrictions, the prior written approval of any New York State (the "State") agency or agencies whose purpose shall be to protect the environment of the State and the health of the State's citizens (the "Relevant Agency") is first obtained:

   a. The owner of the Controlled Property shall prohibit the Site from ever being used for purposes other than residential, commercial (profit and not-for-profit) or industrial use provided the long term Engineering and Institutional Controls remain in full force and effect as set forth in the Site Management Plan without

express written waiver of such prohibition by the Department or the Relevant Agency.

b. The owner of the Controlled Property shall prohibit the use of groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission from the Relevant Agency.

c. The owner of the Controlled Property must continue in full force and effect any institutional and engineering controls required by the Department including but not limited to groundwater and indoor air monitoring as may be required and maintain such controls unless the owner first obtains permission to discontinue such controls from the Relevant Agency.

d. Any deed conveying all or a portion of the Site shall recite that the said conveyance is subject to this Declaration of Covenants and Restrictions.

e. The owner agrees to submit to the Department or Relevant Agency a written statement that will certify, under penalty of perjury that (1) controls employed at the Site are unchanged from previous certification or that any changes to the controls were approved by the Department or Relevant Agency; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitutes a violation or failure to comply with the Site Management Plan. The Department or Relevant Agency reserves and retains the right to access the Site at any time to insure compliance with the Site Management Plan and to evaluate the continuing maintenance of any and all controls. This certification shall be submitted annually or in an alternate period of time acceptable to the Department or Relevant Agency. The statement must be certified by an expert that the Department or Relevant Agency deems acceptable.

3. This Declaration of Covenants and Restrictions is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Controlled Property. The owner, its successors and assigns consent to the enforcement by the Department or Relevant Agency of the restrictive covenants set forth herein and hereby covenant not to contest the authority of the Department or Relevant Agency to seek such enforcement.

4. Pursuant to Section X of the Voluntary Cleanup Agreement, any owner of the Site or Volunteer may petition the Department or Relevant Agency to terminate this Declaration of Covenants and Restrictions when the Controlled Property is protective of human health and the environment for residential, commercial (profit and not-for-profit) or industrial uses without reliance upon the restrictions set forth herein.

5. Enforcement

a. This Declaration of Covenants and Restrictions is enforceable in law or equity in perpetuity by the Department or Relevant Agency against any owner of the Controlled Property and any ground lessee, by the Corporation or any subsequent

owner against any ground lessee or other owner, and by any ground lessee against any owner or other ground lessee. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Declaration of Covenants and Restrictions that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

b. In the event that the Department, Relevant Agency, any owner or any ground lessee becomes aware of a breach or suspected breach of the terms of this Declaration of Covenants (hereinafter the "Notifying Party"), it shall notify the parties in breach or suspected breach (collectively hereinafter, the "Breaching Parties") of the nature of the breach or suspected breach. Such notice shall be in writing and except in the case of notice by the Department or Relevant Agency shall set forth how the Breaching Parties can cure such breach or suspected breach and give the Breaching Parties a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by the Notifying Party, the Notifying Party shall notify the Breaching Parties of any failure to adequately cure the breach or suspected breach. The Breaching Parties shall then have a reasonable amount of time from receipt of such notice to cure. At the expiration of said second period, the Notifying Party may commence any proceedings and take any other appropriate action reasonably necessary to remedy any breach of this Declaration of Covenants and Restrictions in accordance with applicable law to require compliance with the terms of this Declaration of Covenants and Restrictions. With respect to any enforcement action brought by the Department or Relevant Agency, the cure provisions set forth herein shall not apply, and nothing contained herein shall limit or otherwise restrict enforcement of this Declaration of Covenants and Restrictions by the Relevant Agency under applicable law.

c. The failure of the Department, Relevant Agency, the current owner, any subsequent owner or any ground lessee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar its enforcement rights in the event of a subsequent breach of or noncompliance with any of the terms of this Declaration of Covenants and Restrictions.

6. The Controlled Property is the subject of an outstanding 2002 revenue bond financing by the New York City Industrial Development Agency (the "NYCIDA"). In connection with such bond financing, Lycée Français de New York leased the Controlled Property to the NYCIDA for a nominal rental and for a lease term commensurate with the term of the bond financing, and the NYCIDA subleased the Controlled Property back to Lycée Français de New York for an equivalent lease term and a rental equal to amounts due under the bond financing. Except to the extent that the NYCIDA shall acquire any future ownership or ground lease interest in the Controlled Property, the NYCIDA shall not, by reason of the above

bond financing or any refinancing thereof, be deemed an owner or ground lessee of the Controlled Property for purposes of this Declaration of Covenants and Restrictions.

IN WITNESS WHEREOF, the Owner of the Controlled Property has executed this instrument as of the day first set forth above.

Lycée Français de New York, A New York Not For Profit Corporation

By: _____

Name: C. THEE

Title: Head

STATE OF NEW YORK)
ss:
COUNTY OF New York

On the 2nd day of March; in the year 2010, before me, the undersigned, personally appeared Yves Theze, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacit(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of Individual Taking Acknowledgment

MARLENE SAJOUS
Notary Public, State of New York
Registration #01SA6008663
Qualified in Westchester County
Commission Expires June 22 2010

SEAL

Appendix A

Metes and Bounds Description of the Site

Lots 5 and 8

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough of Manhattan, County, City and State of New York, bounded and described as follows:

BEGINNING at a point on the northerly side of 75th Street, distant 98 feet easterly form the corner formed by the intersection of the easterly side of Avenue A, with the northerly side of 75th Street;

RUNNING THENCE northerly, parallel with Avenue A, 102 feet 2 inches to the centerline of the block;

THENCE easterly along said centerline of the block, 100 feet to a point;

THENCE southerly at right angles to the preceding course, 2 feet 2 inches to a point;

THENCE easterly, parallel with the northerly side of 75th Street, 25 feet to a point;

THENCE southerly, parallel with Avenue A, 100 feet to the northerly side of 75th Street;

THENCE westerly, and along the northerly side of 75th Street, 125 feet to the point or place of BEGINNING

As to Lot 43

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough of Manhattan, County, City and State of New York, bounded and described as follows:

BEGINNING at a point on the southerly side of East 76th Street, distant 98 feet easterly from the corner formed by the intersection of said southerly side of East 76th Street and the easterly side of York Avenue (Avenue A);

RUNNING THENCE easterly, along the southerly, at right angles to the southerly side of East 76th Street, 150 feet;

THENCE southerly, at right angles to the southerly side of East 76th Street, 102 feet 2 inches to the center line of the block;

THENCE westerly, along the centerline of the block, and parallel with East 76th Street, 25 feet;

THENCE southerly, at right angles to the preceding course, 2 feet 2 inches;

THENCE westerly, parallel with the East 76th Street, 25 feet;

THENCE northerly, at right angles to the preceding course, 2 feet 2 inches to the centerline of the block;

THENCE westerly, along the centerline of the block, and parallel with East 76th Street, 100 feet;

THENCE northerly, at right angles to East 76th Street, 102 feet 2 inches to the point or place of BEGINNING.

Perimeter Description

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough of Manhattan, City, County and State of New York, bounded and described as follows:

BEGINNING at a point on the northerly side of East 75th Street distant 98 feet easterly from the corner formed by the intersection of the easterly side of York Avenue, with the northerly side of East 75th Street;

RUNNING THENCE northerly, parallel with York Avenue, 204 feet 4 inches (deed) 204.542 feet (surveyed) to the southerly side of East 76th Street;

THENCE easterly along the southerly side of East 76th Street 150 feet (deed) 150.031 feet (surveyed);

THENCE southerly, parallel with York Avenue, 102 feet 2 inches (deed) 102.271 (surveyed) to the centerline of the block;

THENCE westerly, parallel with East 76th Street, 25 feet (deed) and (surveyed);

THENCE southerly, parallel with York Avenue 102 feet 2 inches (deed) 102.271 feet (surveyed) to the northerly side of East 75th Street;

THENCE westerly, and along the northerly side of East 75th Street, 125 feet (deed) 125.021 (surveyed) to the point or place of BEGINNING.

DECLARATION

OF

COVENANTS AND RESTRICTIONS

BY

LYCÉE FRANÇAIS DE NEW YORK

Block: 1487
Lots: 5, 8, 43

RECORD AND RETURN TO:
DENNETT LAW OFFICES, P.C.
505 Northern Boulevard, Suite 306
Great Neck, New York 11021
Attn: Richard A. Dennett
(516) 504-1400

Appendix B

EC/IC Certification (Enclosure 1)

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **V00425**

Site Name East 75th East 76th Street Properties

Site Address: 503-509 East 75th St.& 502-504 East 76th St. Zip Code: 10021-
City/Town: New York
County: New York
Site Acreage: 1.3

Reporting Period: February 01, 2011 to February 01, 2012

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? NYCDEP Sewer Discharge Permit as described in SMP and PRR Submittal	☒	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. V00425

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
2-1487-4,5,8	Lycee Francais	Ground Water Use Restriction Landuse Restriction

Box 4

Description of Engineering Controls

Parcel	Engineering Control
2-1487-4,5,8	~~Cover System~~ VAPOR BARRIER ~~Vapor Mitigation~~ WATER TREATMENT

Engineering Control Details for Site No. V00425

Parcel: 2-1487-4,5,8

The Remedial Action Report and Site Management Plan were approved by NYSDEC on March 31, 2008. A release from liability will be granted upon the filing of a site-specific deed restriction with the New York County Clerk.

The Site Management Plan (SMP) provides a detailed description of all engineering and institutional controls required to manage residual contamination at the Site. Engineering control systems installed at the Site include:

- Installation of an engineered vapor barrier to prevent human exposure to vapor from residual contaminated groundwater remaining under the Site; and
- Implementation and continued operation, maintenance, and monitoring of an on-site groundwater treatment system to treat residual contaminated groundwater at the Site in accordance with NYCDEP sewer discharge limits.

Institutional controls include:

a. The owner of the Controlled Property shall prohibit the Site from ever being used for purposes other than residential, commercial (profit and not-for-profit) or industrial use provided the long term Engineering and Institutional Controls remain in full force and effect as set forth in the Site Management Plan without express written waiver of such prohibition by the Department, or the Relevant Agency.

b. The owner of the Controlled Property shall prohibit the use of groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission from the Relevant Agency.

c. The owner of the Controlled Property must continue in full force and affect any institutional and engineering controls required by the Department including but not limited to groundwater and indoor air monitoring as maybe required and maintain such controls unless the owner first obtains permission to discontinue such controls from the Relevant Agency.

d. Any deed conveying all or a portion of the Site shall recite that the said conveyance is subject to the Declaration of Covenants and Restrictions.

e. The owner agrees to submit to the Department or Relevant Agency a written statement that will certify, under penalty of perjury that (1) controls employed a the Site are unchanged from previous certification or that any changes to the controls were approved by the Department of Relevant Agency: and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the Site Management Plan. The Department or Relevant Agency reserves and retains the right to access the Site at any time to insure compliance with the Site Management Plan and to evaluate the continues maintenance of any and all controls. This certification shall be submitted annually or in an alternate period of time acceptable to the Department or Relevant Agency. The statement must be certified by an expert that the Department or Relevant Agency deems acceptable.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00425

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Terrence Kennedy (print name) at 505 EAST 75 st (print business address),

am certifying as Owner representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

1/17/12
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Michael P. Musso (print name) at HDR, Inc. Pearl River, NY 10965 (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)

Michael P. Musso

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

2/2/2012

Date

Appendix C

Wastewater Quality Control Application and Approval

July 19, 2011
File: 147 77030

Ms. Frances Leung, P.E.
New York City Department of Environmental Protection
Division of Pollution Control and Monitoring
Industrial Pretreatment Program Inspection and Permit Section
96-05 Horace Harding Expressway, 1st Floor
Corona, New York 11368

Re: NYCDEP Discharge Permit Renewal – Water Treatment System
505 East 75th Street
New York, New York 10021
Lycee Francais de New York, DEP File Case # C-3274

Dear Ms. Leung:

This letter was prepared by HDR on behalf of Lycee Francais de New York to request a one year renewal of the existing NYCDEP Discharge Permit for the above-referenced project. Enclosed please find a data table with the laboratory results from recent groundwater treatment system effluent sampling (June 21, 2011). As illustrated on the table, all analytical results are non-detect and/or within NYCDEP effluent limitations for discharges to Sanitary or Combined Sewers. A copy of the laboratory report is enclosed.

On behalf of Lycee Francais de New York, HDR continues to coordinate the operation, maintenance, and monitoring (OM&M) of the water treatments system (i.e., tracking flow, carbon usage). One carbon change-out has occurred in the past 12 months, based on carbon use calculations and observed flows throughout the year. New granular activated carbon was most recently installed in June 2011. None of the conditions listed for the letter of approval issued on July 28, 2010 have changed. Note that the treated groundwater will continue to discharge to the combined sewer located at East 75th Street, between York Avenue and the FDR Drive, in Manhattan. Depending on actual flow conditions, it is anticipated that one or two carbon change-outs will occur in the next twelve months.

Please call if you have any questions or require any additional information.

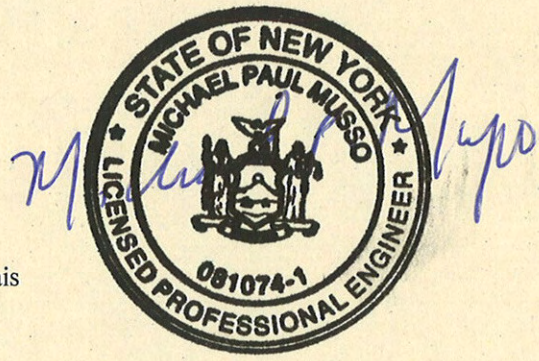
Sincerely,

Michael P. Musso, P.E.

Michael P. Musso, P.E.

Attachment

cc: Terrence Kennedy, Lycee Francais



Lycee Francais de New York
East 75th/East 76th Street
New York, New York 10021
File Case # C-3274

Analyte	Soutwest Pit Effluent 6/21/2011 Water	Units	NYCDEP Limitations for Effluent to Sanitary or Combined Sewers
Non-polar material	1.20 J	mg/L	50
pH	9.0 (field)	pH units	5 - 11
Temperature (field reading 7/2/10)	72° F (field)	temp	< 150 F
Flash Point	> 140° F	Deg F	> 140 F
Cadmium	not detected	mg/L	2
Chromium (VI)	not detected	mg/L	5
Copper	not detected	mg/L	5
Lead	not detected	mg/L	2
Mercury	not detected	mg/L	0.05
Nickel	0.0190	mg/L	3
Zinc	0.0120	mg/L	5
Benzene	not detected	ppb	134
Carbon tetrachloride	not detected	ppb	none
Chloroform	0.21 J	ppb	none
1,4-Dichlorobenzene	not detected	ppb	none
Ethylbenzene	not detected	ppb	380
MTBE (Methyl tert-butyl ether)	not detected	ppb	50
Naphthalene	not detected	ppb	47
Phenol	not detected	ppb	none
Tetrachloroethylene (PERC)	not detected	ppb	20
Toluene	not detected	ppb	74
1,2,4-Trichlorobenzene	not detected	ppb	none
1,1,1-Trichloroethane	not detected	ppb	none
Xylenes (Total)	not detected	ppb	74
PCBs (Total) *	not detected	ppb	1
Total Suspended Solids (TSS)	65.4	mg/L	350
CBOD *	2	mg/L	none
Chloride *	920	mg/L	none
Total Nitrogen *	0.906	ppm	none
Total Solids *	1750	mg/L	none
* Observed flow << 10,000 gpd, therefore, sampling of this parameter was not required.			
J - analyte detected below quantitation limits			

AMERICAN ANALYTICAL LABORATORIES

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

Monday, June 27, 2011

Carol Zurlo
HDR / LMS
One Blue Hill Plaza
Pearl River, NY 10965

TEL: (845) 735-8300
FAX (845) 735-7466

RE: East 75th Street

Order No.: 1106154

Dear Carol Zurlo:

American Analytical Laboratories, LLC. received 2 sample(s) on 6/22/2011 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 results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) 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 there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 34 pages.

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: *27-Jun-11*

CLIENT: HDR / LMS
Project: East 75th Street
Lab Order: 1106154

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1106154-01A	SW Pit Influent	6/21/2011 6:13:00 PM	6/22/2011
1106154-02A	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02B	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02C	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02D	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02E	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02F	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02G	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02H	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02I	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011
1106154-02J	SW Pit Effluent	6/21/2011 6:15:00 PM	6/22/2011

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

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

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
HDR
1 BLUE HILL PLAZA
PEARL RIVER, NY 10965

CONTACT:
CAROL ZURLO
845-735-8300 x238
carol.zurlo@hdrinc.com

SAMPLER (SIGNATURE)

SAMPLER NAME (PRINT)
CAROL ZURLO

SAMPLE(S) SEALED — YES / NO
CORRECT CONTAINER(S) — YES / NO
TEMPERATURE (° C) 1.7

PROJECT LOCATION:
E. 75th Street

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: PCE+TCE via 8260	NYCDEP SEWER DISCHARGE PARAMETERS
1106154-01A	W	2	6-21-11	1813	sw pit influent	X	
-02A-J	W	10	6-21-11	1815	sw pit effluent		X

COMMENTS / INSTRUCTIONS: EFFLUENT TEMP = 22.5°C
EFFLUENT pH = 9.0

Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS
TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED
STANDARD ☒ STAT ☐ BY / /
(7-10 business days)

E-MAIL ADDRESS FOR RESULTS:
carol.zurlo@hdrinc.com

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	6-21-11 1845	CAROL ZURLO	C Ferrara	6/22/11 1023	Cate Ferrara
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

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

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, NY 11735
TEL: *6314546100* FAX: *6314548027*

CHAIN-OF-CUSTODY RECORD

Subcontractor:

EcoTest Laboratories, Inc.
377 Sheffield Avenue
North Babylon, NY 11703

TEL: (631) 422-5777
FAX: (631) 422-5770
Acct #:

22-Jun-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests M5210 B
1106154-02I	Liquid	6/21/2011 6:15:00 PM	500ML PU	1

General Comments: CBOD.

1.3° C

		Date/Time			Date/Time
Relinquished by:		6-22-11	**Received by:**	Ecotest	6/22 1520
Relinquished by:			**Received by:**		

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **HDR / LMS** Date and Time Receive **6/22/2011 10:15:47 AM**

Work Order Numbe **1106154** RcptNo: **1** Received by **CF**

COC_ID: CoolerID:

Checklist completed by C Flenara (Signature) 6/22/11 (Date) Reviewed by LCB (Initials) 6/22/11 (Date)

Matrix: Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted Date contacted: Person contacted

Contacted by: Regarding:

Comments:

Corrective Action

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Influent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:13:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE BY METHOD SW-846 8260			**SW8260C**				Analyst: **LA**
Tetrachloroethene	140	0.5	1.0		µg/L	1	6/22/2011 4:11:00 PM
Trichloroethene	46	0.5	1.0		µg/L	1	6/22/2011 4:11:00 PM
Surr: 4-Bromofluorobenzene	101	0	65-130		%REC	1	6/22/2011 4:11:00 PM
Surr: Dibromofluoromethane	104	0	63-127		%REC	1	6/22/2011 4:11:00 PM
Surr: Toluene-d8	106	0	61-128		%REC	1	6/22/2011 4:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MTBE SW-846 8260			**SW8260C**				Analyst: LA
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	6/22/2011 3:48:00 PM
Surr: 4-Bromofluorobenzene	108	0	60-130		%REC	1	6/22/2011 3:48:00 PM
Surr: Dibromofluoromethane	108	0	63-127		%REC	1	6/22/2011 3:48:00 PM
Surr: Toluene-d8	99.3	0	61-128		%REC	1	6/22/2011 3:48:00 PM
VOLATILE EPA METHOD 624			**E624**				Analyst: LA
1,1,1-Trichloroethane	U	0.12	1.0		µg/L	1	6/22/2011 3:48:00 PM
1,4-Dichlorobenzene	U	0.11	1.0		µg/L	1	6/22/2011 3:48:00 PM
Benzene	U	0.1	1.0		µg/L	1	6/22/2011 3:48:00 PM
Carbon tetrachloride	U	0.14	1.0		µg/L	1	6/22/2011 3:48:00 PM
Chloroform	0.21	0.1	1.0	J	µg/L	1	6/22/2011 3:48:00 PM
Ethylbenzene	U	0.1	1.0		µg/L	1	6/22/2011 3:48:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	6/22/2011 3:48:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	6/22/2011 3:48:00 PM
Tetrachloroethene	U	0.34	1.0		µg/L	1	6/22/2011 3:48:00 PM
Toluene	U	0.1	1.0		µg/L	1	6/22/2011 3:48:00 PM
Surr: 4-Bromofluorobenzene	108	0	65-130		%REC	1	6/22/2011 3:48:00 PM
Surr: Dibromofluoromethane	108	0	63-127		%REC	1	6/22/2011 3:48:00 PM
Surr: Toluene-d8	99.3	0	61-128		%REC	1	6/22/2011 3:48:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE EPA 625			**E625**		**SW3510**		Analyst: **LDS**
1,2,4-Trichlorobenzene	U	0.31	5.0		µg/L	1	6/24/2011 10:42:00 AM
Naphthalene	U	0.43	5.0		µg/L	1	6/24/2011 10:42:00 AM
Phenol	U	0.53	5.0		µg/L	1	6/24/2011 10:42:00 AM
Surr: 2,4,6-Tribromophenol	66.2	0	36-133		%REC	1	6/24/2011 10:42:00 AM
Surr: 2-Fluorobiphenyl	68.0	0	20-131		%REC	1	6/24/2011 10:42:00 AM
Surr: 2-Fluorophenol	32.6	0	16-103		%REC	1	6/24/2011 10:42:00 AM
Surr: 4-Terphenyl-d14	81.4	0	22-132		%REC	1	6/24/2011 10:42:00 AM
Surr: Nitrobenzene-d5	50.5	0	19-133		%REC	1	6/24/2011 10:42:00 AM
Surr: Phenol-d6	18.4	0	12-98		%REC	1	6/24/2011 10:42:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS BY EPA 608			**E608**		**SW3510B**		Analyst: **SB**
Aroclor 1016	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Aroclor 1221	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Aroclor 1232	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Aroclor 1242	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Aroclor 1248	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Aroclor 1254	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Aroclor 1260	U	0.01	0.052		µg/L	1	6/23/2011 10:17:00 PM
Surr: DCB	54.3	0	15-147		%REC	1	6/23/2011 10:17:00 PM
Surr: TCX	54.2	0	19-135		%REC	1	6/23/2011 10:17:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
EPA METHOD 1664A			**E1664A**				Analyst: **AB**
SGT-HEM (Non-Polar Material)	1.20	0.3	2.00	J	mg/L	1	6/24/2011

Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
CHLORIDE			**M4500-C1 B**				Analyst: **JP**
Chloride	920	0.5	1.00		mg/L	1	6/27/2011
HEXAVALENT CHROMIUM			**M3500-CR D**				Analyst: **AB**
Chromium, Hexavalent	U	2	10.0		µg/L	1	6/22/2011 10:53:00 AM
IGNITABILITY/FLASHPOINT SW-846 1010			**SW1010**				Analyst: **STP**
Ignitability	>	0	140		°F	1	6/23/2011
TOTAL SOLIDS			**M2540B**				Analyst: **AB**
Residue, Total	1750	0	10.0		mg/L	1	6/23/2011

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02F		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL SUSPENDED SOLIDS			**M2540D**				Analyst: **AB**
Suspended Solids (Residue, Non-Filterable)	65.4	2.5	10.0		mg/L	1	6/23/2011

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02G		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
NITRATE-NITRITE AS N			**M4500-NO3 F**				Analyst: **STP**
Nitrogen, Nitrate-Nitrite	0.256	0.05	0.100		mg/L	1	6/24/2011
TOTAL KJELDAHL NITROGEN			**E351.2**				Analyst: **STP**
Nitrogen, Kjeldahl, Total	0.650	0.2	0.400		mg/L	1	6/24/2011
TOTAL NITROGEN			**TNITRO**				Analyst: **STP**
Total Nitrogen	0.906	0.1	0.400		ppm	1	6/24/2011

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Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02H		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**E245.1**				Analyst: **AB**
Mercury	U	0.0001	0.000200		mg/L	1	6/22/2011 2:02:19 PM
NYCDEP METALS			**E200.7**		**SW3010A**		Analyst: **JP**
Cadmium	U	0.005	0.0100		mg/L	1	6/22/2011 1:57:54 PM
Chromium	U	0.005	0.0200		mg/L	1	6/22/2011 1:57:54 PM
Copper	U	0.005	0.0200		mg/L	1	6/22/2011 1:57:54 PM
Lead	U	0.005	0.0150		mg/L	1	6/22/2011 1:57:54 PM
Nickel	0.0190	0.005	0.0200	J	mg/L	1	6/22/2011 1:57:54 PM
Zinc	0.0120	0.005	0.0200	J	mg/L	1	6/22/2011 1:57:54 PM

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Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

ELAP ID : 11418

CLIENT:	HDR / LMS	**Client Sample ID:**	SW Pit Effluent
Lab Order:	1106154	**Collection Date:**	6/21/2011 6:15:00 PM
Project:	East 75th Street	**Matrix:**	LIQUID
Lab ID:	1106154-02J		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
HYDROGEN ION (PH), FIELD			**M4500-H B**				Analyst: **CF**
pH	9.00	0	0		pH Units	1	6/21/2011
TEMPERATURE-FIELD			**M2550 B**				Analyst: **CF**
Temperature	72	0	0		°F	1	6/21/2011

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

SUBCONTRACTED RESULTS

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon, NY 11703
631 422-5777

LAB NO.112835.00 06/28/11

American Analytical Laboratories
56 Toledo Street
Farmingdale, NY 11735
ATTN: Lori Beyer PO#:

SOURCE OF SAMPLE: AAL
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/21/11 RECEIVED:06/22/11
TIME COL'D:1815
MATRIX:Liquid SAMPLE: 1106154-02I

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Carbonaceous BOD5	mg/L	2		062211 1645	2	S185210B

cc:

LRL=laboratory Reporting Limit

REMARKS:

DIRECTOR

rm = 17350 NYSDOH ID # 10320

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664

Sample ID: BL	SampType: MBLK	TestCode: 1664	Units: mg/L	Prep Date:	RunNo: 58619
Client ID: PBW	Batch ID: R58619	TestNo: E1664A		Analysis Date: 6/24/2011	SeqNo: 821496

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
SGT-HEM (Non-Polar Material)	U	2.00									

Sample ID: BL SPK	SampType: LCS	TestCode: 1664	Units: mg/L	Prep Date:	RunNo: 58619
Client ID: LCSW	Batch ID: R58619	TestNo: E1664A		Analysis Date: 6/24/2011	SeqNo: 821497

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
SGT-HEM (Non-Polar Material)	137	2.00	150.0	0	91.3	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260breakdown_W

Sample ID: **V624LCS-062211LW** SampType: **LCS** TestCode: **8260breakdo** Units: **µg/L** Prep Date: **6/22/2011** RunNo: **58594**
Client ID: **LCSW** Batch ID: **R58594B** TestNo: **SW8260C** Analysis Date: **6/22/2011** SeqNo: **821285**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39	1.0	50.00	0	77.3	30	154				
Tetrachloroethene	41	1.0	50.00	0	81.6	45	136				
trans-1,2-Dichloroethene	37	1.0	50.00	0	74.8	42	135				
Trichloroethene	42	1.0	50.00	0	83.4	43	140				
Vinyl chloride	36	1.0	50.00	0	72.1	35	142				
Surr: 4-Bromofluorobenzene	52		50.00		105	60	130				
Surr: Dibromofluoromethane	56		50.00		113	63	127				
Surr: Toluene-d8	50		50.00		99.7	61	128				

Sample ID: **VBLK-062211LW** SampType: **MBLK** TestCode: **8260breakdo** Units: **µg/L** Prep Date: **6/22/2011** RunNo: **58594**
Client ID: **PBW** Batch ID: **R58594B** TestNo: **SW8260C** Analysis Date: **6/22/2011** SeqNo: **821286**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
Tetrachloroethene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
Trichloroethene	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	52		50.00		105	60	130				
Surr: Dibromofluoromethane	53		50.00		105	63	127				
Surr: Toluene-d8	48		50.00		96.7	61	128				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W

Sample ID: MB-R58622	SampType: MBLK	TestCode: CL_W	Units: mg/L	Prep Date:	RunNo: 58622
Client ID: PBW	Batch ID: R58622	TestNo: M4500-C1 B		Analysis Date: 6/27/2011	SeqNo: 821529

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	U	1.00									

Sample ID: LCS-R58622	SampType: LCS	TestCode: CL_W	Units: mg/L	Prep Date:	RunNo: 58622
Client ID: LCSW	Batch ID: R58622	TestNo: M4500-C1 B		Analysis Date: 6/27/2011	SeqNo: 821530

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	98.0	1.00	100.0	0	98.0	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: Cr6_W

Sample ID: **BL**	SampType: **MBLK**	TestCode: **Cr6_W**	Units: **µg/L**	Prep Date:	RunNo: **58576**
Client ID: **PBW**	Batch ID: **R58576**	TestNo: **M3500-Cr D**		Analysis Date: **6/22/2011**	SeqNo: **821008**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	U	10.0									

Sample ID: **BL SPK**	SampType: **LCS**	TestCode: **Cr6_W**	Units: **µg/L**	Prep Date:	RunNo: **58576**
Client ID: **LCSW**	Batch ID: **R58576**	TestNo: **M3500-Cr D**		Analysis Date: **6/22/2011**	SeqNo: **821009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	98.7	10.0	100.0	0	98.7	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_W

Sample ID: **LCSW-062211A**	SampType: **LCS**	TestCode: **HG_W**	Units: **mg/L**	Prep Date:	RunNo: **58585**
Client ID: **LCSW**	Batch ID: **R58585**	TestNo: **E245.1**		Analysis Date: **6/22/2011**	SeqNo: **821188**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00395	0.000200	0.004000	0	98.8	64	123				

Sample ID: **PBW-062211A**	SampType: **MBLK**	TestCode: **HG_W**	Units: **mg/L**	Prep Date:	RunNo: **58585**
Client ID: **PBW**	Batch ID: **R58585**	TestNo: **E245.1**		Analysis Date: **6/22/2011**	SeqNo: **821189**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.000200									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: MTBE8260_W

Sample ID: V624LCS-062211LW	SampType: LCS	TestCode: MTBE8260_	Units: µg/L	Prep Date: 6/22/2011	RunNo: 58594
Client ID: LCSW	Batch ID: R58594A	TestNo: SW8260C		Analysis Date: 6/22/2011	SeqNo: 821282

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	52		50.00		105	60	130				
Surr: Dibromofluoromethane	56		50.00		113	63	127				
Surr: Toluene-d8	50		50.00		99.7	61	128				

Sample ID: VBLK-062211LW	SampType: MBLK	TestCode: MTBE8260_	Units: µg/L	Prep Date: 6/22/2011	RunNo: 58594
Client ID: PBW	Batch ID: R58594A	TestNo: SW8260C		Analysis Date: 6/22/2011	SeqNo: 821283

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	U	1.0									C
Surr: 4-Bromofluorobenzene	52		50.00		105	60	130				
Surr: Dibromofluoromethane	53		50.00		105	63	127				
Surr: Toluene-d8	48		50.00		96.7	61	128				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NO3-NO2_W

Sample ID: **PBL**	SampType: **MBLK**	TestCode: **NO3-NO2_W**	Units: **mg/L**	Prep Date:	RunNo: **58607**
Client ID: **PBW**	Batch ID: **R58607**	TestNo: **M4500-NO3 F**		Analysis Date: **6/24/2011**	SeqNo: **821367**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	U	0.100									

Sample ID: **LCSL**	SampType: **LCS**	TestCode: **NO3-NO2_W**	Units: **mg/L**	Prep Date:	RunNo: **58607**
Client ID: **LCSW**	Batch ID: **R58607**	TestNo: **M4500-NO3 F**		Analysis Date: **6/24/2011**	SeqNo: **821368**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	0.527	0.100	0.5000	0	105	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NYCDEP_METALS

Sample ID: PBW-062211A	SampType: MBLK	TestCode: NYCDEP_ME	Units: mg/L	Prep Date: 6/22/2011	RunNo: 58584
Client ID: PBW	Batch ID: 32450	TestNo: E200.7	SW3010A	Analysis Date: 6/22/2011	SeqNo: 821192

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	U	0.0100									
Chromium	U	0.0200									
Copper	U	0.0200									
Lead	U	0.0150									
Nickel	U	0.0200									
Zinc	U	0.0200									

Sample ID: LCSW-062211A	SampType: LCS	TestCode: NYCDEP_ME	Units: mg/L	Prep Date: 6/22/2011	RunNo: 58584
Client ID: LCSW	Batch ID: 32450	TestNo: E200.7	SW3010A	Analysis Date: 6/22/2011	SeqNo: 821193

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	1.95	0.0100	2.000	0	97.4	66	122				
Chromium	2.06	0.0200	2.000	0	103	69	123				
Copper	1.99	0.0200	2.000	0	99.4	69	123				
Lead	2.02	0.0150	2.000	0	101	67	123				
Nickel	1.95	0.0200	2.000	0	97.5	67	123				
Zinc	2.05	0.0200	2.000	0	103	66	124				

Qualifiers:

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC column
- R RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NYCDEP608

Sample ID: **MB-32454**	SampType: **MBLK**	TestCode: **NYCDEP608**	Units: **µg/L**	Prep Date: **6/23/2011**	RunNo: **58606**
Client ID: **PBW**	Batch ID: **32454**	TestNo: **E608**	**SW3510B**	Analysis Date: **6/23/2011**	SeqNo: **821645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	0.050									
Aroclor 1221	U	0.050									
Aroclor 1232	U	0.050									
Aroclor 1242	U	0.050									
Aroclor 1248	U	0.050									
Aroclor 1254	U	0.050									
Aroclor 1260	U	0.050									
Surr: DCB	0.085		0.5000		17.0	15	147				
Surr: TCX	0.29		0.5000		57.4	19	135				

Sample ID: **LCS-32454**	SampType: **LCS**	TestCode: **NYCDEP608**	Units: **µg/L**	Prep Date: **6/23/2011**	RunNo: **58606**
Client ID: **LCSW**	Batch ID: **32454**	TestNo: **E608**	**SW3510B**	Analysis Date: **6/23/2011**	SeqNo: **821646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	0.51	0.050	1.000	0	50.7	30	130				
Surr: DCB	0.15		0.5000		29.9	15	147				
Surr: TCX	0.28		0.5000		56.5	19	135				

Sample ID: **LCSD-32454**	SampType: **LCSD**	TestCode: **NYCDEP608**	Units: **µg/L**	Prep Date: **6/23/2011**	RunNo: **58606**
Client ID: **LCSS02**	Batch ID: **32454**	TestNo: **E608**	**SW3510B**	Analysis Date: **6/23/2011**	SeqNo: **821647**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	0.44	0.050	1.000	0	44.3	30	130	0.5069	13.5	20	
Surr: DCB	0.12		0.5000		24.1	15	147		0	0	
Surr: TCX	0.25		0.5000		49.9	19	135		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NYCDEP624

Sample ID: **V624LCS-062211LW** SampType: **LCS** TestCode: **NYCDEP624** Units: **µg/L** Prep Date: RunNo: **58594**
Client ID: **LCSW** Batch ID: **R58594** TestNo: **E624** Analysis Date: **6/22/2011** SeqNo: **821279**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	43	1.0	50.00	0	85.0	43	148				
1,4-Dichlorobenzene	41	1.0	50.00	0	81.6	40	135				
Benzene	41	1.0	50.00	0	81.6	45	144				
Carbon tetrachloride	38	1.0	50.00	0	76.3	45	141				
Chloroform	46	1.0	50.00	0	91.7	42	137				
Ethylbenzene	40	1.0	50.00	0	80.6	45	146				
Tetrachloroethene	41	1.0	50.00	0	81.6	45	136				
Toluene	40	1.0	50.00	0	79.6	43	134				
Surr: 4-Bromofluorobenzene	52		50.00		105	54	134				
Surr: Dibromofluoromethane	56		50.00		113	52	132				
Surr: Toluene-d8	50		50.00		99.7	51	127				

Sample ID: **VBLK-062211LW** SampType: **MBLK** TestCode: **NYCDEP624** Units: **µg/L** Prep Date: RunNo: **58594**
Client ID: **PBW** Batch ID: **R58594** TestNo: **E624** Analysis Date: **6/22/2011** SeqNo: **821280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
Benzene	U	1.0									
Carbon tetrachloride	U	1.0									
Chloroform	U	1.0									
Ethylbenzene	U	1.0									
m,p-Xylene	U	2.0									
o-Xylene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
Surr: 4-Bromofluorobenzene	52		50.00		105	54	134				
Surr: Dibromofluoromethane	53		50.00		105	52	132				
Surr: Toluene-d8	48		50.00		96.7	51	127				

Qualifiers:

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC column
- R RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NYCDEP625

Sample ID: MB-32455	SampType: MBLK	TestCode: NYCDEP625	Units: µg/L	Prep Date: 6/23/2011	RunNo: 58611
Client ID: PBW	Batch ID: 32455	TestNo: E625	SW3510	Analysis Date: 6/24/2011	SeqNo: 821395

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	5.0									
Naphthalene	U	5.0									
Phenol	U	5.0									
Surr: 2,4,6-Tribromophenol	26		40.00		65.4	36	133				
Surr: 2-Fluorobiphenyl	14		20.00		72.3	20	131				
Surr: 2-Fluorophenol	16		40.00		41.1	16	103				
Surr: 4-Terphenyl-d14	18		20.00		88.7	22	132				
Surr: Nitrobenzene-d5	11		20.00		52.8	19	133				
Surr: Phenol-d6	8.8		40.00		22.1	12	98				

Sample ID: LCS-32455	SampType: LCS	TestCode: NYCDEP625	Units: µg/L	Prep Date: 6/23/2011	RunNo: 58611
Client ID: LCSW	Batch ID: 32455	TestNo: E625	SW3510	Analysis Date: 6/24/2011	SeqNo: 821396

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	25	5.0	40.00	0	62.9	38	124				
Naphthalene	26	5.0	40.00	0	64.9	54	121				
Phenol	9.7	5.0	40.00	0	24.2	6	104				
Surr: 2,4,6-Tribromophenol	24		40.00		59.2	36	133				
Surr: 2-Fluorobiphenyl	14		20.00		67.9	20	131				
Surr: 2-Fluorophenol	16		40.00		39.2	16	103				
Surr: 4-Terphenyl-d14	17		20.00		85.1	22	132				
Surr: Nitrobenzene-d5	9.9		20.00		49.6	19	103				
Surr: Phenol-d6	9.2		40.00		22.9	12	98				

Sample ID: LCSD-32455	SampType: LCSD	TestCode: NYCDEP625	Units: µg/L	Prep Date: 6/23/2011	RunNo: 58611
Client ID: LCSS02	Batch ID: 32455	TestNo: E625	SW3510	Analysis Date: 6/24/2011	SeqNo: 821397

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	27	5.0	40.00	0	67.5	38	124	25.17	7.02	20	
Naphthalene	27	5.0	40.00	0	68.0	54	121	25.95	4.68	20	
Phenol	10	5.0	40.00	0	26.1	6	104	9.680	7.62	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC column
- R RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NYCDEP625

Sample ID: **LCSD-32455** SampType: **LCSD** TestCode: **NYCDEP625** Units: **µg/L** Prep Date: **6/23/2011** RunNo: **58611**
Client ID: **LCSS02** Batch ID: **32455** TestNo: **E625** **SW3510** Analysis Date: **6/24/2011** SeqNo: **821397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	26		40.00		65.8	36	133		0	0	
Surr: 2-Fluorobiphenyl	15		20.00		76.1	20	131		0	0	
Surr: 2-Fluorophenol	16		40.00		39.6	16	103		0	0	
Surr: 4-Terphenyl-d14	19		20.00		93.1	22	132		0	0	
Surr: Nitrobenzene-d5	9.8		20.00		49.0	19	133		0	0	
Surr: Phenol-d6	11		40.00		26.3	12	98		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: TKN_WW

Sample ID: **PBW**	SampType: **MBLK**	TestCode: **TKN_WW**	Units: **mg/L**	Prep Date:	RunNo: **58609**
Client ID: **PBW**	Batch ID: **R58609**	TestNo: **E351.2**		Analysis Date: **6/24/2011**	SeqNo: **821387**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	U	0.400									

Sample ID: **LCSW**	SampType: **LCS**	TestCode: **TKN_WW**	Units: **mg/L**	Prep Date:	RunNo: **58609**
Client ID: **LCSW**	Batch ID: **R58609**	TestNo: **E351.2**		Analysis Date: **6/24/2011**	SeqNo: **821388**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	2.73	0.400	3.000	0	91.0	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: TS_W

Sample ID: **BL**	SampType: **MBLK**	TestCode: **TS_W**	Units: **mg/L**	Prep Date:	RunNo: **58617**
Client ID: **PBW**	Batch ID: **R58617**	TestNo: **M2540B**		Analysis Date: **6/23/2011**	SeqNo: **821424**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Residue, Total	U	10.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: TSS_W

Sample ID: **BL**	SampType: **MBLK**	TestCode: **TSS_W**	Units: **mg/L**	Prep Date:	RunNo: **58614**
Client ID: **PBW**	Batch ID: **R58614**	TestNo: **M2540D**		Analysis Date: **6/23/2011**	SeqNo: **821418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	U	10.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

American Analytical Laboratories, LLC.

Date: *27-Jun-11*

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: Cr6_W

Sample ID: **1106154-02E-MS**	SampType: **MS**	TestCode: **CR6_W**	Units: **µg/L**	Prep Date:	RunNo: **58576**
Client ID: **SW Pit Effluent**	Batch ID: **R58576**	TestNo: **M3500-Cr D**		Analysis Date: **6/22/2011**	SeqNo: **821012**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	100	10.0	100.0	0	100	80	120				

Sample ID: **1106154-02E-MSD**	SampType: **MSD**	TestCode: **CR6_W**	Units: **µg/L**	Prep Date:	RunNo: **58576**
Client ID: **SW Pit Effluent**	Batch ID: **R58576**	TestNo: **M3500-Cr D**		Analysis Date: **6/22/2011**	SeqNo: **821013**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	99.8	10.0	100.0	0	99.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: HDR / LMS
Work Order: 1106154
Project: East 75th Street

ANALYTICAL QC SUMMARY REPORT

TestCode: NO3-NO2_W

Sample ID: **1106154-02GMS** SampType: **MS** TestCode: **NO3-NO2_W** Units: **mg/L** Prep Date: RunNo: **58607**
Client ID: **SW Pit Effluent** Batch ID: **R58607** TestNo: **M4500-NO3 F** Analysis Date: **6/24/2011** SeqNo: **821371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	0.769	0.100	0.5000	0.2560	103	75	125				

Sample ID: **1106154-02GMSD** SampType: **MSD** TestCode: **NO3-NO2_W** Units: **mg/L** Prep Date: RunNo: **58607**
Client ID: **SW Pit Effluent** Batch ID: **R58607** TestNo: **M4500-NO3 F** Analysis Date: **6/24/2011** SeqNo: **821372**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Nitrate-Nitrite	0.723	0.100	0.5000	0.2560	93.4	75	125	0.7690	6.17	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

NYC Environmental Protection

Caswell F. Holloway
Commissioner

Vincent Sapienza, P.E.
Deputy Commissioner
Bureau of Wastewater Treatment

96-05 Horace Harding Expwy
Corona, NY 11368

Tel. (718) 595-4906
Fax (718) 595-6950
vsapienza@dep.nyc.gov

July 25, 2011

Henningson, Durham & Richardson
Architecture and Engineering, P.C.
One Blue Hill Plaza, 12th Floor
P.O. Box 1509
Pearl River, NY 10965
Attn: Michael P. Musso, P.E.

Re: Groundwater Discharge, Lycee Francais de New York, File # C-3274

Dear Mr. Musso:

This Letter of Approval is an extension of the Letter of Approval issued on July 28, 2010.

This is in response to the July 21, 2011 submission requesting for permission to discharge up to **6,000 gallons per day (gpd)** of groundwater generated at 505 East 75th Street, New York, NY 10021. The groundwater will be treated through bag filters and granular activated carbon units, per provided schematic, to the on-site combined sewer at the above mentioned property. The sewer leads to the combined sewer located at 75th Street between York Avenue and the FDR Drive in New York, NY.

Based upon the information, schematic and analytical data submitted, you are hereby conditionally authorized, to discharge up to 6,000 gpd of the groundwater, treated through the above system, per provided schematic and information, as specified in your submissions, **for a period of one year**, to the combined sewer at the above mentioned location. **This Letter of Approval shall expire at midnight on July 24, 2012.**

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, if discharges exceed 10,000 gpd. You are also required to follow manufacturer specifications for the operation and maintenance of the selected equipment. **This Letter of Approval is contingent upon permittee's compliance with any other Federal, State or Local laws applicable to the permitted activity.**

Payment shall be made to and permit obtained from 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.

You are required to hold the groundwater to the maximum extent practicable during heavy wet weather events. Refer to File # C-3274 in any correspondence to this office.

This Letter of Approval is an Order of the Commissioner of the Department of Environmental Protection. Please be advised that failure to comply with this Letter of Approval may result in the issuance of Notices of Violation (returnable to the New York City Environmental Control Board) and/or revocation of the Letter of Approval. Notices of Violation carry penalties of up to $10,000 a day, per violation.

If you have any questions concerning this matter, please contact Sean Hulbert, Engineer, at (718) 595-4715.

Sincerely,

Frances Leung, P.E., Chief
Industrial Inspections and
Permitting Section

Appendix D

Completed Monitoring Forms (Form G)

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 2-12-11

Name: Danny Alvarado

Company: Lycee Francais de New York

Position/Title: Engineering Dept

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: 8 gpm
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed out filter bags for S.W. pit room area.

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 2-12-11

Name: Danny Alvarado / Olmedo

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	No	11 1/2"	No
3a	SW pit room		25 1/2"	No
3b	SW pit room		Flowing	yes
7	Storage area off of music room		19"	No
8	Gym storage room		17"	
9a	Large gym		16 1/2"	
9b	Large gym		17"	
10a	Large gym		14 3/4"	
10b	Large gym		14	
11a	NE stairwell		Dry	Dry
11b	NW gym storage		14"	No

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 3-5-11

Name: Dana Alvarado

Company: Lycee Francais de New York

Position/Title: Engineering Dept.

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: 8
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Normal
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed-out filter Bags for Southwest Pit room area 5u / 100 microns.

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 3-5-11

Name: Danny Alvarado / Olmedo Mejia

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	NO	11"	No
3a	SW pit room		25. 1/2"	No
3b	SW pit room		flowing	yes
7	Storage area off of music room		19 1/2"	No
8	Gym storage room		17"	
9a	Large gym		16 1/2"	
9b	Large gym		17"	
10a	Large gym		14 3/4"	
10b	Large gym		14"	
11a	NE stairwell		Dry	
11b	NW gym storage		20 1/4"	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 3-29-11

Name: Danny Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineers

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: 8
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N normal
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed out filter Bags for South West pit room area

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 3-29-11

Name: Danny & Olmedo lycee francais de N.Y.

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	NO	11 1/2	NO
3a	SW pit room		25 1/2	NO
3b	SW pit room		flowing	yes
7	Storage area off of music room		19	NO
8	Gym storage room		17	
9a	Large gym		16 3/4	
9b	Large gym		17	
10a	Large gym		14 3/4	
10b	Large gym		14	
11a	NE stairwell		Dry	
11b	NW gym storage		20"	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 4-19-11

Name: Lycee Francais Harold / Olmedo

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	NO	11.5	NO
3a	SW pit room		25.5	NO
3b	SW pit room		Flowing	Yes
7	Storage area off of music room		19	NO
8	Gym storage room		17	
9a	Large gym		16.5	
9b	Large gym		17	
10a	Large gym		14 3/4	
10b	Large gym		14	
11a	NE stairwell		Dry	
11b	NW gym storage	✓	20	✓

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 5-7-2011

Name: Danny Alvarado

Company: lycée français de N.Y.

Position/Title: Engineering Dept

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: Y / N Est. Flow (gpm)*: 5 gpm
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N normal
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed out filter Bags for S.W. pit room area.

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 5/18

Name: Harold Chambers

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym		11.5	
3a	SW pit room		25.5	
3b	SW pit room			Yes into pipe
7	Storage area off of music room		19.5	
8	Gym storage room		17	
9a	Large gym	NO	17	
9b	Large gym		17	
10a	Large gym		15.5	
10b	Large gym		14.5	
11a	NE stairwell		Dry	
11b	NW gym storage		20.25	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 6-4-2011

Name: Denny Alvarado

Company: Lycée Français de New York

Position/Title: Engineering Dept

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y)/ N Est. Flow (gpm)*: 8
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) N
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed out filter Bags for S.W. pit room area.

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 6-4-2011

Name: Danny Alvarado / Olmedo Mc Fato

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	NO	11 50	NO
3a	SW pit room		25 50	NO
3b	SW pit room		YES. INTO PIP	flowing
7	Storage area off of music room		19 25	NO
8	Gym storage room		17	
9a	Large gym		17	
9b	Large gym		17	
10a	Large gym		15	
10b	Large gym		14 1/2	
11a	NE stairwell		DRY	
11b	NW gym storage		WET	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 8-8-2011

Name: Denny Alvarado

Company: Lycée Français de N.Y.

Position/Title: Engineering Dept.

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: Pumps
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: Y / (N)
Flow meter readings [Periodic]	(Yes)	No	normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed - out filter Bags 100/50 microns

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: August 8/2011

Name: DANNY ALVARADO / Amado Alvarado

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	NO	11 50	No
3a	SW pit room		25 50	NO
3b	SW pit room		YES. INTO PIP	yes flowing
7	Storage area off of music room		19 50	No
8	Gym storage room		17	
9a	Large gym		15 50	
9b	Large gym		15 75	
10a	Large gym		15 25	
10b	Large gym		14 50	
11a	NE stairwell		DRY	
11b	NW gym storage		DRY	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 9-10-2011

Name: Danay Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineering Dept.

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: 8
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed - out filter Bags

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 9-10-2011

Name: Danny Olmedo

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	No	11.75	No
3a	SW pit room		95 1/2	No
3b	SW pit room		flowing	yes
7	Storage area off of music room		17 1/2	No
8	Gym storage room		17"	
9a	Large gym		16"	
9b	Large gym		16"	
10a	Large gym		14.75"	
10b	Large gym		14.25"	
11a	NE stairwell		Dry	
11b	NW gym storage		Wet	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 10-29-2011

Name: Danny Alvarado

Company: Lycée Français de N.Y.

Position/Title: Engineering Dept.

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: 8
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) N Normal
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed out filter Bags 100/50 microns for Southeast pit room area.

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 10-29-2011

Name: Danny Alvarado

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	No	11 1/2	No
3a	SW pit room		25 1/2	no
3b	SW pit room		Flowing	yes
7	Storage area off of music room		19 1/2	No
8	Gym storage room		17 1/4"	
9a	Large gym		17"	
9b	Large gym		17 2/16"	
10a	Large gym		Dry	
10b	Large gym		14 1/2	
11a	NE stairwell		Dry	
11b	NW gym storage		Dry	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 10-8-2011

Name: Danny Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineering Dept.

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: Y / N Est. Flow (gpm)*: 8
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: Y / N
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed - out filter Bags for the South west pit room area. 5u/100 microns.

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 10-8-2011

Name: Danny Alvarado

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	No	11 1/2"	No
3a	SW pit room		25 1/2	No
3b	SW pit room		Flowing	yes
7	Storage area off of music room		19 1/2"	No
8	Gym storage room		17"	
9a	Large gym		17"	
9b	Large gym		17"	
10a	Large gym		14 1/2"	
10b	Large gym		14 3/4"	
11a	NE stairwell		Dry	
11b	NW gym storage		Dry.	

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: 11/26/17

Name: Harold Chavarro + Olmedo

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	Yes 11.5	11.5	no —
3a	SW pit room	Yes 25	25	Yes
3b	SW pit room	Yes no pipe		Yes
7	Storage area off of music room	Yes 19.5	19.5	no —
8	Gym storage room	Yes 17	17	no —
9a	Large gym	Yes 17	17	no —
9b	Large gym	yes 17	17	no —
10a	Large gym	yes 15.25	15.25	no —
10b	Large gym	yes 14 1/2	14.5	no —
11a	NE stairwell	DRY	—	—
11b	NW gym storage	DRY	—	—

T.O.C. – top of cleanout pipe

This form is to be completed by LFNY staff on a weekly basis.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX G **Inspection Checklist - Groundwater Management System**

This form must be completed during each inspection performed by in-house staff and outside contractors.

Date: 12-3-2011

Name: Dany Alvarado

Company: Lycee Francais de New York

Position/Title: Engineering Dept.

Location	Inspected		Findings
Carbon Treatment System [LFNY Staff: Weekly Outside Contractors: At Time of Work]	(Yes)	No	Normal
Underdrain System Cleanouts [Bi-monthly minimum]	(Yes)	No	*Complete and attach the cleanout log form.*
Southwest Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N Est. Flow (gpm)*: 8 gpm
Northeast Foundation Pit [Weekly, minimum]	(Yes)	No	Flow: (Y) / N
Flow meter readings [Periodic]	(Yes)	No	Normal

*Estimated flow in southwest foundation pit to be performed routinely and recorded. Since the majority (estimate of 90% or greater) of the entire foundation flow drains to the southwest foundation pit. Estimates of flow quantity in the northeast pit are not required.

Describe any work / follow-up required based upon the inspection findings:

Changed out Filter Bags South-West pit Room area. 50/100 microns

This form is to be completed by LFNY staff once every two weeks. It should by faxed to HDR (845-735-7466) upon completion.

Underdrain System Cleanout Monitoring

Date: DEC. 3RD / 2011

Name: DANNY ALVARADO

Cleanout No.	Location	Observation of water / moisture on floor / floor slab?	Depth to Water (inches below T.O.C.)	Observed flow in Piping?
2	Small gym	NO	11 5/8	NO
3a	SW pit room	↓	25 5/8	NO
3b	SW pit room	↓	1/8". INTO PIP	flowing
7	Storage area off of music room	↓	19 1/2	NO
8	Gym storage room	↓	17 2.5	↓
9a	Large gym	↓	17	↓
9b	Large gym	↓	17	↓
10a	Large gym	↓	15 2.5	↓
10b	Large gym	↓	14 5/8	↓
11a	NE stairwell	↓	DRY	↓
11b	NW gym storage	✓	DRY	↓

T.O.C. – top of cleanout pipe

Appendix E

Documentation of Completed O&M and Site Inspection Tasks

LYCEE FRANCAIS DE NEW YORK SITE MANAGEMENT PLAN

APPENDIX H Site-wide Inspection Form

This form must be completed on an annual basis and kept on file.

Date: January 17, 2012

Name: Michael P. Musso, P.E.

Company: HDR

Position/Title: Project Manager

Documentation that sufficient information has been compiled to assess the following must be attached to this Form:

1. Assessment of compliance with all ICs, including Site usage.
2. An evaluation of the condition and continued effectiveness of ECs.
3. Assessment of general Site conditions at the time of the inspection.
4. Assessment of the Site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection.
5. Assessment of compliance with permits and schedules included in the Operation and Maintenance Plan.
6. Confirmation that Site records are up to date.

Appendix F

Completed Routine Maintenance Forms (Form L)

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 3-5-11

Name: Danny Alvarado

Company: Lycee Francais de New York

Position/Title: Engineering Dept.

Description of work performed:

Changed out filter bags for South West pit room area 50 / 100 microns

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 2-12-11

Name: Danny Alvarado

Company: Lycee Francais de New York

Position/Title: Engineering Dept.

Description of work performed:

Changed-out Filter Bags for South west pit room area

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 3-29-11

Name: Danny Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineering Dept.

Description of work performed:

Changed out filter Bags for S.W vest pit room area

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 5-7-2011

Name: Danny Alvarado

Company: Lycée Français de N.Y.

Position/Title: Engineering Dept

Description of work performed:

Changed-out filter Bags 50/100 microns for S.W. pit room area.

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 6-4-2011

Name: Danny Alvarado

Company: Lycee Francais de New York

Position/Title: Engineering

Description of work performed:

Changed out filter Bags 50 / 100 microns for the South west pit room area

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 8-8-2011

Name: Danny Alvarado

Company: lycee Francais de N.Y.

Position/Title: Engineering Dept.

Description of work performed:

Changed-out filter Bags
50/100 microns Bags South west pit room area

Are color photographs or sketches showing the approximate location of any problems or incidents attached? (Yes) No

Are other documents such as receipts and/or copies of invoices attached? Yes (No)

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 9-10-2011

Name: Danny Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineering Dept.

Description of work performed:

Changed-out S.V. P. Room Filter Bags 5u/100 microns

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 10 - 29 - 2011

Name: Danny Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineering Dept.

Description of work performed:

Changed - out Both Filters, Tower 1# & 2#
100 + 50 micron bags for South-west pit
room area.

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 10-8-2011

Name: Danny Alvarado

Company: Lycee Francais de N.Y.

Position/Title: Engineering Supl.

Description of work performed:

Changed out the filter Bags for the Southwest pit room area Soil vco mixed Bags

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

This form is to be completed by LFNY staff for work such as bag filter change-outs, carbon backwashing, and carbon replacement. Any invoices/receipts for work performed by contractors must be attached.

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX L **Routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each routine maintenance event performed by in-house staff and outside contractors.

Date: 12-3-2011

Name: Danny Alvarado

Company: Lycée Francais de New York

Position/Title: Engineering Dept.

Description of work performed:

Changed-out filter Bags 100/50 microns South west pit room area.

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

Appendix G

Completed Non-routine Maintenance Forms (Form M)

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX M **Non-routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each non-routine maintenance event performed by in-house staff and outside contractors.

Date: 6/21/11

Name: Mike Grand

Company: T&R Mechanical Services, Inc.

Position/Title: Job Foreman

Description of work performed (include presence of leaks, date of leak repair and/or other repairs or adjustments made, if applicable):

Disconnected & reconnected the underground water treatment system.

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? Yes (No)

LYCEE FRANCAIS DE NEW YORK **SITE MANAGEMENT PLAN**

APPENDIX M **Non-routine Maintenance Form for Components of the Building's Groundwater Management System**

This form must be completed during each non-routine maintenance event performed by in-house staff and outside contractors.

Date: June 21, 2011

Name: Carol Zurlo (HDR)

Company: Brookside Environmental

Position/Title: environmental consultant

Description of work performed (include presence of leaks, date of leak repair and/or other repairs or adjustments made, if applicable):

Remove and replace carbon

transport and disposal of carbon and used bag filters

Are color photographs or sketches showing the approximate location of any problems or incidents attached? Yes (No)

Are other documents such as receipts and/or copies of invoices attached? (Yes) No

BROOKSIDE ENVIRONMENTAL
WWW.BROOKSIDEWEB.COM
7 WILLIS COURT
HICKSVILLE, NEW YORK 11801
PHONE: 516.377.6300 FAX: 516.377.6346

June 27th 2011

HDR/LMS
One Blue Hill Plaza
Pearl River, New York 10965

Attention: Ms. Carol Zurlo

Re: INVOICE FOR SERVICES #211621-619-15
Lycee Francais
505 East 75th Street
New York, NY
BEI # 619

On June 21st, 2011, Brookside Environmental provided carbon change and waste disposal services at the above referenced site. Brookside's invoice for this service is as follows:

SERVICE	QUANTITY	AMOUNT
Manpower & Equipment	1 @ $1,500.00	$1,500.00
Carbon Drum disposal- HAZ.	4 @ $450/ea.	$1,800.00
Bag filter disposal- HAZ.	1 @ $395	$395.00
Drum Freight	1 load @ $485/load	$485.00
Empty Drums	5 @ $40/each	$200.00
	Sub Total	$4,380.00
	Sales Tax	Tax Exempt
	Total Invoice Amount	**$4,380.00**

Brookside Environmental's payment terms are NET 30 days, please remit to the address listed. Brookside Environmental appreciates the opportunity to provide these services and looks forward to future work. If you have any questions concerning this invoice or this project, please do not hesitate to call.

12784

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYD119813213	2. Page 1 of 2	3. Emergency Response Phone 845-353-2150	4. Manifest Tracking Number 000097059 JJK

5. Generator's Name and Mailing Address: LYCEE FRANCAIS DE NEW YORK, 505 EAST 95TH STREET, NEW YORK NY 10021. Generator's Phone: 212-439-3830

5. Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: BROOKSIDE ENVIRONMENTAL, INC. U.S. EPA ID Number: NYCDOOO881661

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CHEMICAL POLLUTION CONTROL, LLC., 120 SOUTH COUNTRY ROAD, BAY SHORE, NY 11706. Facility's Phone: 631-586-0333. U.S. EPA ID Number: NYD082785429

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA 3077 HAZARDOUS WASTE SOLID, N.O.S. (PERCHLOROETHYLENE) 9, PG III	X04	DM	X1,600	P	F002	F003	
X	2. NA 3077 HAZARDOUS WASTE SOLID, N.O.S. (PERCHLOROETHYLENE) 9, PG III	X01	DM	X200	P	F002		
	3.							
	4.							

14. Special Handling Instructions and Additional Information: 1.) SPENT CARBON - #411431 2.) USED BAG FILTERS - #411432 *24 HR CONTACT: RICHARD TAYLOR

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Alvarado — Signature — Month 06 Day 21 Year 11

16. International Shipments: ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICHARD GRAHAM — Signature — Month 06 Day 21 Year 11

Transporter 2 Printed/Typed Name: — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number — Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Gary Scoppa — Signature: Gary Scoppa — Month 06 Day 22 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY