New York State
Department of Environmental Conservation

MAJOR PETROLEUM FACILITY LICENSE

FACILITY:

BROOKHAVEN NATIONAL LABORATORY
40 BROOKHAVEN AVENUE
UPTON, NY 11973

OWNER:

DEPARTMENT OF ENERGY (DOE)
BROOKHAVEN GROUP
UPTON, NY 11973

The facility named above has been duly licensed, pursuant to Article 12 of the Navigation Law. Any conditions placed on this license are marked on the attached Special Conditions Check List.

MAILING CORRESPONDENCE:

LICENSE NUMBER: **1-1700**

DATE ISSUED: **2/27/2012**

EXPIRATION DATE: **3/31/2017**

ATTN: MICHAEL D. HOLLAND, BROOKHAVEN
DEPARTMENT OF ENERGY (DOE)
BROOKHAVEN SITE OFFICE
UPTON, NY 11973

Commissioner of Environmental Conservation

By _____

Regional Spill Engineer

Title _____

THIS LICENSE IS NON-TRANSFERABLE

New York State Department of Environmental Conservation

MAJOR PETROLEUM FACILITY LICENSE

Tank Listing For License Number: 1-1700

TANK NUMBER	DATE INSTALLED	TANK LOCATION	TANK TYPE	CAPACITY (Gallons)	PRODUCT STORED
1000P-03	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
1002A-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
1004A-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
1005S-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	Diesel
1006A-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
1008A-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
1010A-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
1012A-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	300	Diesel
244-09	12/01/2004	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	#2 Fuel Oil
30-04	10/01/1997	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	4,000	#2 Fuel Oil
321-03	10/01/2004	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	#2 Fuel Oil
339-04	12/01/2004	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	#2 Fuel Oil
422-05	06/01/1992	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	#2 Fuel Oil
423-01	08/07/1998	Aboveground - in contact with	Steel/Carbon Steel/Iron	375	Waste Oil/Used
423-06	03/01/1990	Underground	Steel/Carbon Steel/Iron	8,000	Gasoline/Ethanol
423-07	03/01/1990	Underground	Steel/Carbon Steel/Iron	8,000	Gasoline/Ethanol
423-08	03/01/1990	Underground	Steel/Carbon Steel/Iron	3,000	#2 Fuel Oil
423-16	12/01/2003	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	Lube Oil
423-17	12/01/2003	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	Lube Oil
449-04	01/01/2006	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	225	Diesel
452-09	01/01/1990	Aboveground - in contact with	Steel/Carbon Steel/Iron	275	Waste Oil/Used
455-02	11/01/2012	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	Diesel
463-19	01/01/2007	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	400	Diesel
488-05	05/01/2006	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	100	Diesel
490-30	01/01/2007	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	400	Diesel

New York State Department of Environmental Conservation

MAJOR PETROLEUM FACILITY LICENSE

Tank Listing For License Number: 1-1700

TANK NUMBER	DATE INSTALLED	TANK LOCATION	TANK TYPE	CAPACITY (Gallons)	PRODUCT STORED
50-02	09/13/2000	Underground	Steel/Carbon Steel/Iron	1,000	Diesel
515-03	06/01/2007	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	4,000	Diesel
555-14	01/01/2010	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	224	Diesel
575-05	01/01/1997	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	230	Diesel
575-09	09/15/2008	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	#2 Fuel Oil
580-02	01/01/1997	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	140	Diesel
599-02	01/01/2006	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	225	Diesel
603-01	01/01/2004	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	4,000	Diesel
611-03	01/01/1964	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	300,810	#6 Fuel Oil
611-04	01/01/1974	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	424,482	#6 Fuel Oil
611-05	01/01/1983	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	301,174	#2 Fuel Oil
611-06	01/01/1983	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	301,174	#2 Fuel Oil
611-09	08/01/1989	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	398,197	#6 Fuel Oil
611-10	08/01/1989	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	601,242	#6 Fuel Oil
614-05	12/01/2011	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	Diesel
618-04	12/01/2011	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	Diesel
619-04	12/01/2011	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	500	Diesel
630-06	03/01/1990	Underground	Steel/Carbon Steel/Iron	8,000	Gasoline/Ethanol
630-07	03/01/1990	Underground	Steel/Carbon Steel/Iron	8,000	Gasoline/Ethanol
630-08	03/01/1990	Underground	Steel/Carbon Steel/Iron	8,000	Gasoline/Ethanol
630-09	03/01/1990	Underground	Steel/Carbon Steel/Iron	550	Waste Oil/Used
630-12	12/01/2003	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	280	Lube Oil
630-13	01/01/2006	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	#2 Fuel Oil
635-03	04/01/2011	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	336	Diesel
639-02	12/01/2009	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	Biodiesel

New York State Department of Environmental Conservation

MAJOR PETROLEUM FACILITY LICENSE

Tank Listing For License Number: 1-1700

TANK NUMBER	DATE INSTALLED	TANK LOCATION	TANK TYPE	CAPACITY (Gallons)	PRODUCT STORED
651-02	01/01/1982	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	10,000	Diesel
651-03	01/01/1982	Aboveground - No Contact (on saddles,	Other	5,000	Diesel
651-04	01/01/1982	Aboveground - No Contact (on saddles,	Other	5,000	Diesel
725-13	01/01/1992	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	250	Diesel
734-01	12/01/2012	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	600	Diesel
735-01	01/01/2006	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	115	Diesel
740-01	04/01/2011	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	450	Diesel
740-02	04/01/2011	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	450	Diesel
801-38	01/01/2010	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	224	Diesel
814-02	10/01/2013	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,000	#2 Fuel Oil
814-03	10/01/2013	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	280	Biodiesel
814-04	10/01/2013	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	280	Biodiesel
836-01	01/01/1994	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	250	#2 Fuel Oil
911-04	01/01/1959	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	1,100	Lube Oil
912A-05	09/01/2008	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	3,000	Diesel
928-02	01/01/1969	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	845	Lube Oil

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 1
Spill Prevention and Response
50 Circle Road, Stony Brook, New York 11790-3409
Phone: (631) 444-0320 • **Fax:** (631) 444-0328
Website: www.dec.ny.gov

FEB 27 2012

Joe Martens
Commissioner

CERTIFIED LETTER - RETURN RECEIPT REQUESTED

Department of Energy (DOE)
Brookhaven Site Office
P.O. Box 5000
Upton, NY 11973
Attn: Michael Holland, Brookhaven Site Manager

Facility: Brookhaven Nat'l Lab.
40 Brookhaven Avenue
Upton, NY 11973

Dear Mr. Holland:

Enclosed herein is your Onshore Major Oil Storage Facility (MOSF)License #**01-1700** which expires **March 31, 2017.** You must reapply 90 days before that date and comply with any new or modified conditions or guidelines to prevent, contain, cleanup and remove discharges of petroleum to surface and groundwater. Scheduled facility inspections will be made by the Department representatives, as well as random inspections. Information regarding license fees and surcharges will be sent by the Division of Management and Budget, Oil Spill Revenue Unit.

The Department bases the issuance of this license upon an evaluation of the information contained in your application, on-site facility inspections, and

__X__ evaluation of submitted State and Federal plans to prevent, control, contain and remove discharges OR

_____ a schedule of when such plans are to be submitted.

The Department hereby certifies that the facility operator currently:

__X__ has implemented or _____ is in the process of implementing State and Federal plans and regulations for the prevention, control, containment and removal of discharges.

__X__ has implemented or _____ is in the process of implementing the requirements of 6 NYCRR Parts 613.2 through 613.9 and 614.2 through 614.14.

Included in your license are General and Special Conditions as deemed necessary to protect the waters of the State based upon evaluation of State and Federal plans, compliance with 6 NYCRR Parts 613 and 614, environmental setting and/or facility inspections.

Future license renewals will be based on, among other factors, the history of spills and discharges at the facility, the history of compliance with the applicable provisions of 6 NYCRR Parts 613 and 614, a review of submitted plans and inspections of the facility, compliance with license conditions and additional guidelines as subsequently issued.

Please post this license conspicuously at the facility for which it is issued.

Sincerely,

Karen J. Gomez, P.E.
Regional Spill Engineer

Enc.: License Conditions
cc: Spill Prevention and Response Data Section

GENERAL CONDITIONS FOR ONSHORE MAJOR OIL STORAGE FACILITY LICENSE

I. Conditions

1. No chemical dispersants may be employed in the clean-up of a spill or discharge without approval by the Department. If a Spill Prevention and Containment Plan or spill cleanup plan contains a list of chemical or biological agents, the use of such agents is subject to prior approval from the Department.

2. The use of sorbents shall be limited to the cleanup of small spills and the final cleanup of large spills.

3. Disposal of all recovered petroleum products and oil-soaked debris shall be in accordance with 6 NYCRR Section 611.6.

4. The owner or operator shall maintain all equipment, including spill cleanup equipment, in good repair.

5. Major additions, changes or rehabilitation in the structures or equipment of the onshore major oil storage facility which would materially affect the potential for a petroleum discharge (hereafter referred to as "project") must be approved in advance by the Department. Any amendments or changes to any plans submitted with or referred to in the license application shall be furnished promptly to the Regional Office.

6. The Department shall be notified of all leaks, spills, and discharges immediately, but in no case later than two hours after the discharge. Notification must be made by calling the Department Spill Hotline at (800) 457-7362 or (518) 457-7362 outside New York State.

7. Any person transporting and/or disposing of recovered oil and/or oily debris must be registered by the Department as a "REGISTERED WASTE HAULER," pursuant to 6 NYCRR Part 364, and must transport the material to a disposal facility shown on the Part 364 registration.

8. Monthly reports shall be submitted, and license fees and surcharges must be paid by the licensee as required by 17 NYCRR Sections 30.8 and 30.9, "Oil Spill Prevention and Control - Licensing of Major Facilities."

9. The owner or operator of the facility shall provide access to representatives of the Department during normal business hours for the purpose of determining compliance with State and Federal regulations and all general and special conditions of this license.

10. The owner or operator shall comply with the conditions specified in any Order on Consent or variance pertaining to the facility.

II. The Department Initiated Modifications, Suspensions or Revocations

1. The Department may modify, suspend or revoke this license at any time; the grounds for such action may include, but are not limited to, the following:

   (a) materially false or inaccurate statements in the license application or supporting documentation;

   (b) failure by the licensee to comply with any terms or conditions of the license;

   (c) exceeding the scope of the project as described in the license application;

   (d) failure to pay monthly license fees and surcharges and/or submit monthly license reports;

   (e) newly discovered material information or material changes in environmental conditions, relevant technology, applicable laws, or regulations, or a change in the Department's policy since the issuance of the existing license; or

   (f) noncompliance with previously issued license conditions, Orders on Consent, orders of the Commissioner, variances, any provision of the Navigation Law or Environmental Conservation Law or the regulations adopted pursuant to such laws related to the licensed activity.

2. The Department shall send a notice of intent to modify, suspend or revoke a license to the licensee by certified mail with return receipt requested or personal service. The notice shall state the alleged facts or conduct which appear to warrant the intended action.

3. Within 15 days of the date of such notice of intent, the licensee may submit a written statement to the Department, giving reasons why the permit should not be modified, suspended or revoked, or requesting a hearing, or both. Failure by the licensee to submit a timely statement shall result in the Department's action becoming effective on the date specified in the notice of intent.

4. Within 30 days of receipt of the licensee's statement, the Department shall take the following action. If a statement without a request for a hearing is submitted, the Department shall rescind or confirm the notice of intent based on a review of the information provided by the licensee. If a statement with a request for a hearing has been submitted, the Department shall notify the licensee of a date and place for a hearing, to be commenced not later than 60 days from that notification.

5. In the event such a hearing is held, the Commissioner shall, within 30 days of receipt of the complete record, and receipt of the hearing officer's findings of fact and recommendations, issue a decision which:

   (a) continues the license in effect as originally issued;
   (b) modifies the license, or suspends it for a stated period of time or upon stated conditions; or
   (c) revokes the license, including when ordered by the Commissioner, the removal or modification of all or any portion of a project, whether completed or not.

   Notice of the Commissioner's decision, stating the findings and reasons for the action, shall be mailed to the licensee.

6. Where the Department has proposed to modify a license and the licensee requests a hearing on the proposed modification, the original license conditions remain in effect until there has been a decision issued by the Commissioner as provided herein.

7. Nothing in these license conditions shall preclude or affect the Commissioner's authority to issue summary abatement orders under ECL 71-0301 or take emergency action summarily suspending a license under section 401(3) of the State Administrative Procedure Act.

III. Licensee Initiated Modification

Applications for modification of a license must include a written statement of necessity or reasons for the modification, as well as a description of the requested modification. The Department shall notify the licensee of its decision, by mail, within fifteen days of receipt of a completed application. An application for modification may be denied for failure to meet any of the standards or criteria applicable under the Navigation Law and regulations adopted thereunder, Article 8 of the Environmental Conservation Law or for any of the reasons set forth in paragraphs II(1) (a)-(f) above.

The Department may determine that an application for modification shall be treated as a new application for a license if:

- the requested modification would result in a material change to existing license conditions or in the scope of permitted activities; or

- there is newly discovered material information or there has been a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing license.

Until the Department grants a request for modification, the original license conditions remain in effect.

Onshore Major Oil Storage Facility
SPECIAL LICENSE CONDITIONS CHECKLIST

Instructions: If an "X" appears in the column labeled "Condition," the specified condition applies to the license issued to the facility. The details of each condition and compliance dates are included in the section titled, "Onshore Major Oil Storage Facility Special License Conditions (Instructions and Deadlines)."

Condition	Section Number	Compliance Date	Section Title
			Installing Monitoring Wells
_____	1(a)	_____	Initial Installation of Monitoring Wells
_____	1(b)	_____	Additional Monitoring Wells
			Sampling and Testing of Monitoring Wells
_____	2(a)	_____	Initial Testing of Monitoring Wells
X	2(b)	See Section	Six Month Testing of Monitoring Wells
_____	2(c)	_____	Annual Testing of Monitoring Wells
X	2(d)	See Section	Monthly Monitoring of Wells
			Spill Prevention and Containment Plan
X	3(a)	10/31/2012	P.E. Certification/Management Review of Plan
_____	3(b)	_____	Description of Secondary Containment System
_____	3(c)	_____	Testing of Secondary Containment System (Initial Construction)
_____	3(d)	_____	Engineering Plan for Upgrading Secondary Containment System
_____	3(e)	_____	Implementation of Engineering Plan
_____	3(f)	_____	Site Map
X	3(g)	See Section	Description of Previous Spills
X	3(h)	12/31/2016	Environmental Compliance Report
X	3(i)	See Section	Facility Response Plan
X	3(j)	See Section*	Inspection Certification of Secondary Containment Systems (Every Five Years)
X	3(k)	See Section	Updated SPCC Plan/Facility Response Plan
			Closure of Facility
_____	4(a)	_____	Site Assessment

*Multiple Dates – See Section

Onshore Major Oil Storage Facility
SPECIAL LICENSE CONDITIONS
Instructions and Deadlines

The Department of Environmental Conservation is required by Article 12 of the Navigation Law to protect and preserve the lands and waters of New York State from all discharges of petroleum, including any from onshore major oil storage facilities. To protect and preserve the waters of the State, owners/operators are required to show how they guard against contamination of surface and groundwater. Surface and groundwater protection at MOSFs is accomplished through the following:

1. installing groundwater monitoring wells;
2. monitoring groundwater quality; and
3. developing and implementing the Spill Prevention and Containment Plan, in accordance with Part 610.4(a)(4).

The following sections detail how to meet each of the conditions marked on the Special Conditions Checklist. Sections 1 through 3 correspond to the three elements of protecting the waters of the State. The section numbers on the checklist correspond to the following section numbers.

1. Installation of Monitoring Wells

Monitoring wells are needed to determine ambient groundwater quality and to detect possible contamination that could come from any portion of the facility. The number and location of wells must be approved by the Department. Plans for existing and/or proposed wells must be submitted to the issuing Regional Office by the indicated date. Subject to Department approval, these monitoring wells must be installed by the date set by the Department.

a. Initial Installation of Monitoring Wells

Install at least one (1) well hydraulically up gradient of the facility and install at least three (3) wells hydraulically down gradient of the facility. Monitoring wells must be properly installed to a depth to compensate for the lowest seasonal variation.

When adjacent facilities exist, monitoring wells should be placed on the property lines to determine the source of contamination. In this case, common monitoring wells will exist between facilities so the schedules for testing should be consistent.

Submit plan by _____

Install wells by _____

Additional Monitoring Wells

Installation of additional wells may be necessary based on site-specific conditions, information obtained from existing wells, evidence of past spills, or evidence of a potential spill source. The number and location of all additional monitoring wells must be submitted on a site plan for approval by the Regional Office prior to installation.

Number of Wells to be installed by_____

Install Wells by _____

2. Sampling and Testing of Monitoring Wells

Owners/operators shall conduct a groundwater sampling and testing program to ensure protection of groundwater at the facility. Owners/operators must test the groundwater for the presence of the different types of petroleum that are stored at the site. The groundwater monitoring program must include testing for methyl tertiary butyl ether (MTBE) whenever petroleum is stored or has been stored since the beginning of MTBE usage in the 1970s.

All sampling and testing must be conducted by a private or "out-of-house" laboratory which is ELAP-certified by the NYS Department of Health for the specific parameter or category of parameters. A list of certified laboratories is available at http://www.wadsworth.org/labcert/elap/elap.html. The laboratory must send the test results directly to both the facility and the Department Regional Office. The facility operator may monitor for free product without the aid of an outside contractor. Upon request, laboratories shall submit analytical results in an electronic format acceptable to the Department.

TABLE 1

Recommend Testing Methods for Detecting Petroleum in Groundwater. Site specific concerns or changes in testing methods may allow for the substitution of EPA methods.

TO TEST FOR:	USE EPA METHOD:
VOC – Volatiles Organic Compounds	8260, 524.2, 624, 8021, 502.2
SVOC – Semi Volatile Organic Compounds	8270 (Base Neutral Extractable) or 625
Initial Testing of Monitoring Wells	8260 plus MTBE, 8270
TYPE OF PETROLEUM	**MUST TEST FOR***
Gasoline	VOC + MTBE
Aviation Gasoline	VOC + MTBE
Kerosene	VOC + MTBE and SVOC
Diesel	VOC + MTBE and SVOC
Fuel Oils	VOC + MTBE and SVOC

*Measurements of MTBE are not standard outputs of these EPA Methods. To obtain such a measurement, the lab must be instructed to add MTBE as a target analyte to the test method selected. Minimum detection limit for MTBE is 5 PPB.

EPA 8021 test analyzes for a broad number of aromatic volatile compounds that are found in light grade petroleum products by purge and trap capillary column GC with a photo ionization detector. Identification of a compound is based on detector response and retention time.

EPA 624 (EPA 8260) test series covers a broader number of substances using a gas chromatography - mass spectrometer (GC-MS) by extraction. This is effective in testing for volatile organic compounds in gasoline and aviation gasoline.

EPA 8270 (EPA 625) test series covers a broader number of substances using a gas chromatography - mass spectrometer (GC-MS) by extraction. This is useful for detecting semi-volatile organics found in kerosene, fuel oil, jet and diesel fuels.

EPA 500 test series was adopted by the New York State Department of Health to test drinking water. The 502.2 test is applicable in the determination of 33 aromatic hydrocarbons using a chromatographic/photo ionization detector. This is effective for detecting volatile organics found in light grade products, such as gasoline.

EPA 524.2 is a capillary column GC/MS purgeable organics test for volatile organics which have a vapor pressure equal to or greater than 0.1 mm of Hg. The method which is suited for the detection of MTBE is described in EPA's reference "Methods For The Determination of Organics Compounds In Drinking Water."

For a quick reference on what compounds of petroleum products should be monitored and which analytical methods can be used in analyzing them, see Chart 7-1, Section 7.0 of "Sampling Guidelines and Protocols", NYS Department of Environmental Conservation - Division of Water, dated March 1991.

Note: GC/PID methods used to analyze for MTBE are subject to interference (co-elution problems) when samples contain significant amounts of petroleum product contamination. This may lead to false-positive MTBE results. Results can be verified by use of GC/MS methods.

Sampling Procedures

Groundwater samples for analysis must be taken and handled properly to ensure that they are representative of in-situ conditions. Standard practice is to purge wells prior to sampling by bailing 3-5 volumes of water present in the well prior to taking samples. Guidance on purging and other approved techniques may be found in the Department's "Sampling Guidelines and Protocols" manual. Alternate sampling procedures, such as but not limited to low and no flow methods, may be appropriate in specific situations as approved by the Department.

If free product is found in any monitoring wells, the discharge must be reported to the Department Spill Hotline immediately, but in no case later than two hours after the discharge. The owner/operator must perform the following testing and monitoring of wells, and provide results and reports as scheduled.

a. Initial Testing of Monitoring Wells

All monitoring wells must have an initial testing to determine a baseline assessment of water quality, using appropriate methods discussed above.

Test Results to be submitted by _____

b. Six Month Testing of Monitoring Wells

All monitoring wells must be retested six months after initial testing. This requires analytical testing as described in Section #2-a, above. Based on the results of the initial and six-month testing, the Department Regional Office will establish a schedule for further sampling and testing.

Test Results to be submitted by July 31 and December 31 of each year

c. Annual Testing of Monitoring Wells

Annual testing of monitoring wells must be done between April 15 and May 15 of each year using the analytical tests that are described in Section 2, Table 1. The Regional Office may specify a different testing period if site specific conditions indicate the need for more frequent testing.

Test Results to be submitted annually by _____.

d. Monthly Monitoring of Wells

Routine monitoring for free product is to be done at least monthly using manual methods, such as a bailer, product paste, electronic hydrocarbon probe, or other equivalent method. Results from the visual test are to be recorded and kept on file at the facility as part of the facility's monthly inspection. If free product is found, the Department must be notified on the Department Spill Hotline immediately, but in no case later than two hours after the discharge. The Department may request that these monthly reports be submitted to the Regional Office.

_____ Submit Monitoring Well Monthly Reports to Regional Office.

__X__ Keep Monitoring Well Monthly Reports on file at facility.

3. Spill Prevention and Containment Plan

A Spill Prevention and Containment Plan prepared in accordance with 6 NYCRR 610.4(a)(4) must be submitted to the Department prior to the issuance of a license. The Spill Prevention and Containment Plan (the "Plan") must include the following elements:

1. Spill Prevention Control and Countermeasure Plan (SPCC Plan) and a Facility Response Plan written according to 40 CFR 112;

2. Operations Manual written according to 33 CFR 151, 154, 155 and 156;

3. Groundwater Contingency Plan written in accordance with Special License Conditions 1 and 2 and Part 610.4(a)(4)(ii);

4. Site Plan written in accordance with Special License Condition 3(f) and Part 610.4(a)(iii);

5. Description of Previous Spills written in accordance with Special License Condition 3(g) and Part 610.4(a)(4)(iv);

6. Environmental Compliance Report written in accordance with Special License Condition 3(h) and Part 610.5(a)(4);

7. Inspection reports for secondary containment pursuant to Part 613.6(c).

8. Inspection records for aboveground storage tanks [Part 613.6]

The following sections detail how to satisfy the elements of a Spill Prevention and Containment Plan.

a. PE Certification/Management Review of Plan

A professional engineer (P.E.), licensed and registered in New York State by the New York State Education Department, must review and certify that the Spill Prevention and Containment Plan has been prepared in accordance with good engineering practices and other requirements as defined in 40 CFR 112.3(d). The Plan must be updated and recertified whenever any major additions, changes or rehabilitation occurs, as defined in 6 NYCRR 610.5(c)(2). If no major changes occur, then the owner/operator must complete a review and evaluation of the Plan at least every five years. The owner/operator must submit all recertification or management reviews to the Regional Office. If the SPCC Plan has not been signed by a P.E, licensed and registered in New York State, then re-certification must include a review and re-certification by a New York licensed and registered P.E.

PE Certification/Management Review to be submitted by October 31, 2012.

b. Description of Secondary Containment System

Owners or operators shall submit a description of the existing secondary containment system in detail and explain how this system prevents a spill of petroleum from reaching the lands or waters outside the containment area before cleanup occurs.

Secondary Containment Description to be submitted by_____

c. Testing of Secondary Containment System (Initial Construction)

The secondary containment system shall be tested according to the guidance provided in the Department's technical guidance memo, SPOTS #10, "Secondary Containment Systems for Aboveground Storage Tanks." The Plan must contain a description of the procedures and methods used to inspect and test the effectiveness of the system.

When soil permeability is being evaluated, the test methods, procedure, results, test limitations and advantages as outlined in API Publication Standard 351, "Overview of Soil Permeability Test Methods," April 1999, are considered to be good engineering practice and must be used by the design engineer when seeking approval from the Regional Office.

Test Results to be submitted no later then _____.

d. Engineering Plan for Upgrading Secondary Containment System

If the secondary containment system does not meet the standards set forth in 6NYCRR Section 613.3(6), then an engineering plan certified by a Professional Engineer, licensed and registered with the New York State Education Department, must be submitted to the Regional Office describing how existing systems will be improved. This plan must include the composition and permeability of the existing soil; the methodology that will be used to upgrade the secondary containment system, such as a synthetic liner; the specifications of the material to be used; procedures on installation; and the proposed permeability of the resulting containment system.

This plan must be submitted to and approved by the Regional Office before construction is started.

Engineering Plan to be submitted by _____.

e. Implementation of Engineering Plan

After the engineering plan to improve the secondary containment system has been reviewed and approved by the Department, the owner or operator may begin implementation of the proposed secondary containment system.

Construction to be completed by_____.

f. Site Map

The Plan must contain a site map showing the location of all surface water, observation, monitoring, and recovery wells, location of tanks and their respective secondary containment areas, product transfer areas, and spill cleanup equipment storage. The scale used for the site map must be drawn such that all of the referenced map features (tanks, transfer areas, wells, etc.) are readily visible. This must be submitted to the Department in an acceptable electronic format, if available.

Site Map to be submitted by _____.

g. Description of Previous Spills

The Plan must contain a description of all spills, discharges and cleanup activities during the preceding 12-month period. This description must include the cause, type and amount of product spilled and recovered, corrective action taken, cleanup effectiveness, long-term cleanup plans and plans for preventing the recurrence of a spill or discharge. This description must be submitted within one year after discovery of the spill or discharge, or at the time the application for a transferred or renewal license is submitted to the Department, whichever is sooner.

Description of previous spills to be submitted as necessary.

h. Environmental Compliance Report

The Plan must contain an assessment of compliance with the 6 NYCRR Parts 610, 611, 612, 613, 614; 17 NYCRR Parts 30 and 32, 40 CFR 112, 40 CFR 280 and special conditions required under this license. This must include a status report and schedule for compliance. The Environmental Compliance Report Guidance is attached.

Environmental Compliance Report to be submitted by December 31, 2016.

i. Facility Response Plan

Facility Response Plans are required under the 40 CFR 112.20 and the Oil Pollution Act (OPA) of 1990 for any on-shore facility that could reasonably be expected to discharge oil to navigable waters, adjoining shoreline or to the exclusive economic zone. These must contain plans for responding, to the maximum extent practical, to a worse-case discharge.

Any facility which must have a Facility Response Plan pursuant to the OPA must file a copy of that plan and any subsequent amendments with the Department. Such plan must be filed concurrent with the filing with the USEPA.

Facility Response Plan to be submitted as necessary.

j. Inspection Certification of Secondary Containment Systems

Secondary containment systems must be inspected monthly for compliance with standards set forth in 6 NYCRR 613.3(c)(6). Inspection reports must be maintained which identify any deficiency found during the inspection and any subsequent repairs rendered. See Section 613.6(a) and (c).

The Department will accept documented monthly inspections that are "visually performed," provided they are performed in conjunction with in-depth integrity inspections performed at least once every five years. Such in-depth inspections are to be conducted and certified by a Professional Engineer, licensed and registered in New York State by New York State Education Department. The Regional Office must be notified prior to any modifications and repairs to the secondary containment systems. The Regional Office will decide if additional information or plans are required. When soil permeability is being evaluated, the test methods, procedure, results, test limitations and advantages as outlined in API Publication Standard 351, "Overview of Soil Permeability Test Methods," April 1999, must be considered by the design engineer prior to approval by the Regional Office.

In-depth inspection reports to be submitted by **June 1, 2013** For Containment Basin 5/6 and **September 30, 2016** For Containment Basins 3, 4, 9, 10 and Tanks 651-02, 651-03 & 651-04.

k. Updated SPCC Plan/Facility Response Plan

Any amendments to the SPCC Plan required by revisions to 40 CFR 112 or any other update or change whatsoever must be filed with the Department. Updated SPCC Plan must be submitted by as necessary.

4. Closure of Facility

a. Site Assessment

Prior to permanently closing a facility, the facility owner must perform a site assessment to determine if environmental contamination exists at the facility. The site assessment must include both soil and groundwater samples. Sample locations must include, at a minimum, the areas adjacent to the tanks, manifolds, loading racks and transfer areas.

Prior to conducting the site assessment, a proposal must be submitted to the Department which details the assessment. The proposal must include, at a minimum, a site sketch indicating the sample locations, a description of the technology to be used to collect the samples and the sampling methodology to be used to analyze the samples.

If contamination is encountered at any time during the site assessment, the Department shall be notified immediately, but in no case later than two hours after the discharge.

A site assessment proposal shall be submitted 60 days prior to permanent closure. The site assessment shall commence in accordance with an agreed upon time frame after the Department's acceptance of the site assessment proposal. A site assessment report detailing the findings of the assessment shall be submitted to the Department no later than 60 days after completion of the site assessment.

GUIDELINES ON INSTALLATION OF MONITORING WELLS

The following is the Department's guidance on the installation of monitoring wells at onshore major oil storage facilities.

1. All wells must be four (4) inches in diameter or larger.

2 A log must be kept for each boring that is made. Soil samples must be taken when the composition of the soil layer changes or at five (5) foot intervals, whichever comes first. The log must include a general description of the composition of the soil and the depth that groundwater was first encountered.

3. Monitoring wells must be installed plumb and straight.

4. Flush threaded joints, instead of glued joints, must be used to avoid contamination of the groundwater.

5. Well screens are to be machine slotted or wire wound, and must be of adequate length and placement to accommodate seasonal variations in the water table.

6. Filter pack must be properly sized relative to soil around the screened portion of the well and with the screen opening. The filter pack must extend approximately one foot below the screen and three to five feet above the screen. A properly sized filter pack is one where the effective grain size of the filter pack is 4 to 6 times greater than effective grain size of the formation. All filter packs should be composed of uniform size silica or gravel.

   Site specific conditions may require that the filter pack be installed at different depths.

7. The well must be sealed between the casing and the bore hole with an impermeable material, such as bentonite, to prevent contamination of the groundwater table due to surface run off.

8. The well must be sufficiently developed to ensure that it is free flowing and accurately represents the conditions of the groundwater table.

9. The tops of all wells must be enclosed by a protective metal casing that has a locking cap. All wells must be capped and locked at all times. In addition, the monitoring well must be assigned an arbitrary number, such as MW #1. This number should be marked on the monitoring well, as well as any site plans, to facilitate the coordination of the groundwater sampling program.

10. All well caps must be clearly marked "Monitoring Well."

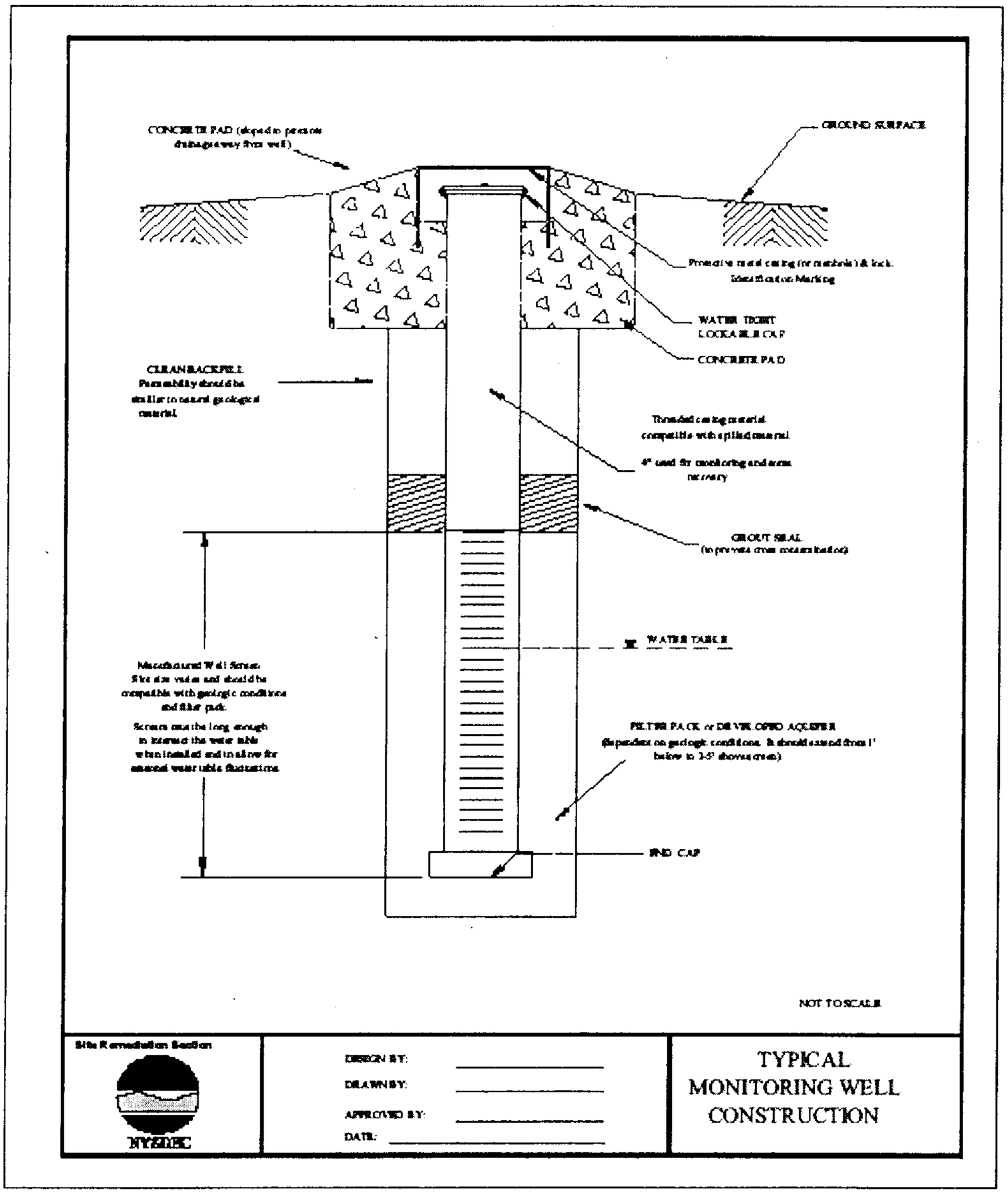
All monitoring wells must conform to the well specifications given in this section. The number and location of monitoring wells will be approved by the Regional Office based on topography and geological studies of the facility. A drawing of an acceptable monitoring well is given on the next page.

All monitoring wells shall be installed outside a secondary containment area, except where the Department has approved an alternate installation plan. Monitoring wells that are installed inside the secondary containment area must have water tight well caps and be installed so the top of the well is above the height of the dike wall. In addition, the well casing must be properly sealed to prevent infiltration of petroleum in the event of a spill.

Monitoring Well Design

APPENDIX B
Attachment 3 (e)

Figure 1



Report Format Guidance for Preparing an Environmental Compliance Report

New York State
Department of Environmental Conservation
Onshore Major Oil Storage Facility

INTRODUCTION:

The following Environmental Compliance Report checklist is intended to assist MOSF facility owners/operators in complying with the requirement to prepare an environmental compliance report. The checklist addresses the major requirements of the following regulations:

40 CFR	Part 112	SPCC Plan/Facility Response Plan (effective August 16, 2002)
	Part 280	US EPA Underground Storage Tank
6 NYCRR	Part 610	Certification of On-Shore Major Facilities
	Part 611	Petroleum Cleanup and Removal
	Part 613	Handling and Storage of Petroleum
	Part 614	Standards for New and Substantially Modified Facilities
17 NYCRR	Part 30	Licensing of Major Facilities
	Part 30.6	General/Special License Conditions
	Part 32	Actions to be taken in case of a Discharge

Additional Federal, State and local regulations not specified in this report also may be applicable to the facility.

Section A addresses Federal requirement for SPCC planning under 40 CFR Part 112. Section B covers Federal requirements for underground storage tank regulations (40 CFR Part 280). Section C addresses major State requirements under the Petroleum Bulk Storage Regulations (Parts 613 and 614). Section D deals with MOSF licensing conditions under Article 12 of the Navigation Law.

Environmental Compliance Report

MOSF License Number: 1-1700 Facility is: Active X
Inactive _____ Date Inactive _____

Facility Name: Brookhaven National Laboratory

Address: 40 Brookhaven Avenue City/Town: Upton Zip: 11973

Operator: Michael J. Bebon Phone: (631) 344-3434

Person responsible for this report: William L. Chaloupka, P.E. Phone: (631) 344-7136

Preparer's Printed Name: Jason D. Remien Signature: _____

Date Prepared: 15-Dec-11

Section A

SPCC Plan Implementation Checklist

Environmental Compliance Report

This section of the report addresses compliance with certain requirements of Federal Regulations 40 CFR 112.

I. STATUS OF SPCC PLAN (40 CFR 112.3)	YES	NO
A. Is the Plan up-to-date with contact persons?	X	
B. Has the Plan been reviewed within the past five years? Date of last review **Mar-11**	**See Attachment 4 for details**	
C. Has the Plan been reviewed and certified by a Professional Engineer, licensed and registered by the New York State Education Department?	X	
D. Has the Plan been approved and signed by management?	X	
II. SPILL HISTORY OF THE FACILITY (40 CFR 112.4) Has there been a reportable discharge(s) at the facility within the preceding 12-month period? If yes, enter the information below. (Add additional sheets, as necessary). SEE NOTE BELOW		X

Department Spill Number	Date	Material Spilled	Amount	Cause

NOTE: There have been no reportable discharges at BNL's Major Oil Storage Facility (MOSF) within the past year. However, other minor spills outside the MOSF have occurred and were appropriately reported to the State. Copies of all reportable spill reports are sent to NYSDEC for their records.

III. Modification to the Facility (40 CFR 112.5)	YES	NO
A. Has there been a major change in the design, construction, operation or maintenance of the facility during the past five years? If yes, were the changes certified by a Professional Engineer, licensed and registered by the New York State Education Department? Date of major changes: _____		X
B. Does the SPCC Plan or the Facility Response Plan contain: (1) a written commitment by management to provide the necessary resources to implement the Plan?	X	
(2) a written description of all spills and actions taken to prevent recurrence?	X	
(3) an assessment of potential spills showing possible location, volume and direction of flow?	X	
(4) a description of the type of secondary containment needed to contain each spill? If a secondary containment is not provided, explain on a separate sheet how spills are prevented from reaching waters.	X	

Section A - Continued

SPCC Plan Implementation Checklist

Environmental Compliance Report

This section of the report addresses compliance with certain requirements of Federal Regulations 40 CFR 112.

IV. Drainage (40 CFR 112.7)	YES	NO
A. Does the Plan discuss the following issues: (1) how drainage from the diked area is contained and released?	X	
(2) the use of drainage valves and how the valves are opened?	X	
(3) undiked system that is used to return a spill to the plant. If so, does the plan discuss how this is accomplished?	**Not Applicable**	
(4) any diversion system that is used to return a spill to the plant? If yes, does the plan discuss how this is accomplished?	**Not Applicable**	
B. Does the facility have a SPDES Permit to release wastewater from the diked area? (A SPDES Permit is required to discharge wastewater).	X	
C. Are wastewater discharges from treatment plants monitored to detect system upset?	X	
D. Are there written procedures for draining storm water from the diked area?	X	
(1) Are bypass values normally sealed closed?	X	
(2) When the bypass valve is open, is a supervisor present?	X	
(3) Are records maintained for each drainage release?	X	

V. Bulk Storage Tanks (40 CFR 112.7)	YES	NO
Does the SPCC Plan address the following issues: A. Is the petroleum being stored compatible with the material used to construct the tank, ancillary equipment and secondary containment material?	X	
B. Does the secondary containment system(s) meet the following requirements? International Building Codes	**Not Applicable**	
Federal	X	
New York State	X	
County	X	
C. Are aboveground tanks in contact with soil protected from corrosion?	X	
D. Are underground tanks tested or have leak detection to ensure that the tanks are not leaking?	X	
E. Are aboveground tanks internally inspected for structural integrity and to insure that they are not leaking?	X	
F. Have plans been implemented to prevent spills during transfers of petroleum products, included the use of: (1) high level alarms and alarm pump shut off devices?	X	
(2) communications between tank gauger and pumping station?	X	
G. Are leaks from tank seams, gaskets, rivets and bolts immediately repaired?	**Not Applicable**	

Section A - Continued

SPCC Plan Implementation Checklist

Environmental Compliance Report

This section of the report addresses compliance with certain requirements of Federal Regulations 40 CFR 112.

VI. Transfer Operations, Pumping and In-plant Process (40 CFR 112.7)	YES	NO
Does the SPCC Plan address the following issues: A. Are buried pipelines cathodically protected?	**Not Applicable**	
B. Are out-of-service pipelines properly closed, capped or blank-flanged and properly labeled?	**X**	
C. Are aboveground pipe supports properly designed to minimize: (1) abrasion and corrosion?	**X**	
(2) expansion and contraction?	**X**	
D. Do personnel check the conditions of pipelines, including flange and expansion joints, valves, drip pans, pipeline supports, locking of valves and metal surfaces?	**X**	
E. Are pipelines periodically pressure tested?	**X**	
F. Is vehicular traffic controlled near aboveground pipelines?	**X**	
VII. Tank Car and Tank Truck Loading/Unloading Rack (40 CFR 112.7)	YES	NO
Does the Plan address the following issues: A. Do loading/unloading procedures meet Department of Transportation regulations?	**X**	
B. Is the secondary containment for the loading area designed to hold at least the largest single compartment of a tanker truck?	**X**	
C. Are written procedures in place to ensure transfer lines are disconnected prior to vehicular departure?	**X**	
VIII. Inspections and Records (40 CFR 112.7)	YES	NO
Does the Plan include a copy of: A. Written inspection procedures to be followed by personnel?	**X**	
B. Records of inspections for the past three years?	**See Attachment 4 for details**	
IX. Security (40 CFR 112.7)	YES	NO
Does the Plan discuss: A. The need for security, such as full fencing, locking of entrance gates and/or guards?	**X**	
B. The security for all master flow and drain valves which would permit direct outward flow of a tank's contents?	**X**	
C. How product pump starter controls are locked or limit accessibility when not operating?	**X**	
D. The need for capping or installing blank flanges in loading/unloading pipelines when they are not in full service or are in standby service?	**X**	
E. The adequacy of facility lighting to facilitate discovery of spills and prevention of vandalism?	**X**	

Section A - Continued

SPCC Plan Implementation Checklist

Environmental Compliance Report

This section of the report addresses compliance with certain requirements of Federal Regulations 40 CFR 112.

X. Personnel, Training and Spill Prevention Procedures (40 CFR 112.7)	YES	NO
A. Does the Plan contain a training program for personnel responsible for:		
(1) Operation and maintenance of equipment?	**X**	
(2) Preventing discharges of oil and complying with pollution control laws, rules and regulations?	**X**	
(3) Spill response?	**X**	

B. Has a person been given responsibility for spill prevention?

Name: **Edward T. Murphy**

Title: **Manager - Energy & Utilities Division**

Telephone #: **(631) 344-3466**

Note: Mr. Murphy is one of three individuals at BNL that have been identified as BNL's Qualified Individual (QI) during a response to a release.

XI. Facility Response Plan (40 CFR 112.20)	YES	NO
Does the facility have a Facility Response Plan approved by the USCG/USEPA?	**X**	
Date of the last FRP: **31-Mar-11**		
Date last FRP Drill Performed: **11-Oct-11**		

Section B

Federal Underground Storage Tank Regulations

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the USEPA Underground Storage Tank Regulations (40 CFR Part 280)

I. Tank Number A. What is the tank identification number on the facility information sheet? For additional tanks, use extra copies of this form.	Tank #	Tank #	Tank #	Tank #	Tank #
	50-02 1000 gals. Diesel fuel	**423-06** 8000 gals E-85	**423-07** 8000 gals. Gasoline	**423-08** 3000 gals #2 fuel oil	
B. Is tank leak detection performed? (Required by 40 CFR Part 280.40) Y/N	**Y**	**Y**	**Y**	**Y**	
C. Is tank protected from corrosion? (Required by 40 CFR Part 280.21) Y/N	**Y**	**Y**	**Y**	**Y**	
D. Does the tank have a spill catchment basin? (Required by 40 CFR Part 280.21[d]) Y/N	**Y**	**Y**	**Y**	**Y**	
E. Does the tank have an overfill prevention device such as an automatic shutoff device, overfill alarm or float vent valve? (Required by 40 CFR Part 280.21[d]) Y/N	**Y**	**Y**	**Y**	**Y**	
F. If the tank has undergone permanent closure since 12/22/88, was a site assessment performed at the time of closure? (Required by 40 CFR Part 280.72) Y/N	**NA**	**NA**	**NA**	**NA**	
II. Underground Piping A. Do pressurized piping systems have a line leak detector? (Required by 40 CFR Part 280.41[b]) Y/N	**NA**	**Y**	**NA**	**NA**	
B. Is pipe leak detection being performed? (Required by 40 CFR 280.41[b]) Y/N	**Y**	**Y**	**Y**	**Y**	
Do pressurized piping systems have an additional form of leak detection? Y/N	**NA**	**NA**	**NA**	**NA**	
Do suction systems have a form of leak detection, if exempt from the leak detection requirements? Y/N	**Y**	**Y**	**Y**	**Y**	
C. Is the product piping protected from corrosion? (Required by 40 CFR Part 280.21[c]) Y/N	**Y**	**Y**	**Y**	**Y**	

Section B - Continued

Federal Underground Storage Tank Regulations

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the USEPA Underground Storage Tank Regulations (40 CFR Part 280)

I. Tank Number A. What is the tank identification number on the facility information sheet? For additional tanks, use extra copies of this form.	Tank #	Tank #	Tank #	Tank #	Tank #
	630-06 8000 gals. Gasoline	**630-07** 8000 gals. Gasoline	**630-08** 8000 gals. Gasoline	**630-09** 550 gals. Waste Oil	
B. Is tank leak detection performed? (Required by 40 CFR Part 280.40) Y/N	**Y**	**Y**	**Y**	**Y**	
C. Is tank protected from corrosion? (Required by 40 CFR Part 280.21) Y/N	**Y**	**Y**	**Y**	**Y**	
D. Does the tank have a spill catchment basin? (Required by 40 CFR Part 280.21[d]) Y/N	**Y**	**Y**	**Y**	**Y**	
E. Does the tank have an overfill prevention device such as an automatic shutoff device, overfill alarm or float vent valve? (Required by 40 CFR Part 280.21[d]) Y/N	**Y**	**Y**	**Y**	**Y**	
F. If the tank has undergone permanent closure since 12/22/88, was a site assessment performed at the time of closure? (Required by 40 CFR Part 280.72) Y/N	**NA**	**NA**	**NA**	**NA**	
II. Underground Piping A. Do pressurized piping systems have a line leak detector? (Required by 40 CFR Part 280.4[b]) Y/N	**Y**	**Y**	**Y**	**NA**	
B. Is pipe leak detection being performed? (Required by 40 CFR 280.41[b]) Y/N	**Y**	**Y**	**Y**	**NA**	
Do pressurized piping systems have an additional form of leak detection? Y/N	**NA**	**NA**	**NA**	**NA**	
Do suction systems have a form of leak detection, if exempt from the leak detection requirements? Y/N	**Y**	**Y**	**Y**	**NA**	
C. Is the product piping protected from corrosion? (Required by 40 CFR Part 280.21[c]) Y/N	**Y**	**Y**	**Y**	**NA**	

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

UNDERGROUND & ABOVEGROUND TANKS

	Yes				Yes
1. Are monitoring wells marked and secured?	X				X
Tank Number For additional tanks, use extra copies of this form.	Tank #	Tank #	Tank #	Tank #	Tank #
	See Notes Below				
2. If tanks are temporarily out-of-service, have they been temporarily closed properly? Y/N/NA	**<u>Not Applicable</u>: None of the storage facilities at BNL that are subject to 6 NYCRR Parts 613 and 614 are temporarily out of service.**				
3. Were any unreported spills observed during the inspection? Y/N If yes, explain on separate sheet.	**<u>Not Applicable</u>: There have been no spills from any of the storage facilities at BNL that are subject to 6 NYCRR Parts 613 and 614.**				

Section C
NYS PETROLEUM BULK STORAGE REGULATIONS
Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

UNDERGROUND TANKS

Tank Number For additional tanks, use extra copies of this form.	Tank # **50-02** 1000 gals. Diesel fuel	Tank # **423-06** 8000 gals E-85	Tank # **423-07** 8000 gals. Gasoline	Tank # **423-08** 3000 gals #2 fuel oil	Tank #
4. For underground tanks: have tank top and dispenser sumps and fill port catch basins been properly maintained? Y/N (accumulation of product) / 1 (poor condition)	**Y**	**Y**	**Y**	**Y**	
5. Are the **fill ports color coded** to identify the product in the tank? See 613.3(b). Y/N/NA	**Y**	**Y**	**Y**	**Y**	
6. Are the motor fuel tanks with pressurized piping equipped with **shear valves**. Y/N/NA/1 (Inoperative)	**NA**	**Y**	**NA**	**NA**	
7. Do the tanks installed after 12/86 comply with the **new tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	
If no, identify the missing item(s)? (1) corrosion resistant, (2) secondary containment, (3) leak monitoring, (4) overfill prevention (auto shut-off valve, high level alarm or ball float valve) and have (5) corrosion resistant piping with (6) leak monitoring (line leak detector for pressurized piping) or (7) only having one check valve under the pump in suction piping system, (8) tank label (9) as built plans or drawings.					
8. Is **leak monitoring** (UST) being performed? Y/N	**Y**	**Y**	**Y**	**Y**	
Identify the method(s). 1 (wall tank - interstice is checked) / 2 (inoperative system) / 3 monitoring records not maintained) / 4 (inappropriate method)	**1**	**1**	**1**	**1**	
9. Is the **cathodic protection** for steel UST and piping systems monitored annually? Y/N	**Y**	**Y**	**Y**	**Y**	
If no, identify the missing cathodic protection. N (missing both) / 1 (no monitoring on tank) / 2 (no monitoring on line) / 3 (records not maintained) / 4 (system not maintained to achieve protection) / 5 (inadequate method)					
10. Are **inventory records** for metered UST systems being properly maintained and reconciled?	**NA**	**Y**	**Y**	**Y**	
Mark (1) for no records, (2) for poor equipment, (3) for no reconciliation, (4) for reconciliation performed other than 10 days					
11. Do **unmetered tanks** have annual standpipe, or tank test or other leak detect method? Y/N	**Y**	**NA**	**NA**	**NA**	
12. Has a **tightness testing** (USTs) been conducted on the tank and piping system? Y/N	**NA**	**NA**	**NA**	**NA**	
Check for both tank piping. Y/N / 1 (entire tank not tested) / 2 (no test on line)					

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

UNDERGROUND TANKS (CONTINUED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **630-06** 8000 gals. Gasoline	Tank # **630-07** 8000 gals. Gasoline	Tank # **630-08** 8000 gals. Gasoline	Tank # **630-09** 550 gals. Waste Oil	Tank #
4. For underground tanks: have tank top and dispenser sumps and fill port catch basins been properly maintained? Y/N (accumulation of product) / 1 (poor condition)	**Y**	**Y**	**Y**	**Y**	
5. Are the **fill ports color coded** to identify the product in the tank? See 613.3(b). Y/N/NA	**Y**	**Y**	**Y**	**Y**	
6. Are the motor fuel tanks with pressurized piping equipped with **shear valves**. Y/N/NA/1 (Inoperative)	**Y**	**Y**	**Y**	**NA**	
7. Do the tanks installed after 12/86 comply with the **new tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	
If no, identify the missing item(s)? (1) corrosion resistant, (2) secondary containment, (3) leak monitoring, (4) overfill prevention (auto shut-off valve, high level alarm or ball float valve) and have (5) corrosion resistant piping with (6) leak monitoring (line leak detector for pressurized piping) or (7) only having one check valve under the pump in suction piping system, (8) tank label (9) as built plans or drawings.					
8. Is **leak monitoring** (UST) being performed? Y/N	**Y**	**Y**	**Y**	**Y**	
Identify the method(s). 1 (wall tank - interstice is checked) / 2 (inoperative system) / 3 monitoring records not maintained) / 4 (inappropriate method)	**1**	**1**	**1**	**1**	
9. Is the **cathodic protection** for steel UST and piping systems monitored annually? Y/N	**Y**	**Y**	**Y**	**Y**	
If no, identify the missing cathodic protection. N (missing both) / 1 (no monitoring on tank) / 2 (no monitoring on line) / 3 (records not maintained) / 4 (system not maintained to achieve protection) / 5 (inadequate method)					
10. Are **inventory records** for metered UST systems being properly maintained and reconciled?	**Y**	**Y**	**Y**	**NA**	
Mark (1) for no records, (2) for poor equipment, (3) for no reconciliation, (4) for reconciliation performed other than 10 days					
11. Do **unmetered tanks** have annual standpipe, or tank test or other leak detect method? Y/N	**NA**	**NA**	**NA**	**Y**	
12. Has a **tightness testing** (USTs) been conducted on the tank and piping system? Y/N	**NA**	**NA**	**NA**	**NA**	
Check for both tank piping. Y/N / 1 (entire tank not tested) / 2 (no test on line)					

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS

Tank Number For additional tanks, use extra copies of this form.	Tank # **611-03** 300000 gals #6 Fuel Oil	Tank # **611-04** 420000 gals #6 Fuel Oil	Tank # **611-05** 300000 gals. #2 Fuel Oil	Tank # **611-06** 300000 gals. #2 Fuel Oil	Tank # **611-09** 400000 gals. #6 Fuel Oil
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
Date last ten year inspection performed.	**11/5/03**	**7/29/03**	**11/5/03**	**11/5/03**	**10/28/03**
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**Y**	**Y**	**Y**	**Y**	**Y**

Section C
NYS PETROLEUM BULK STORAGE REGULATIONS
Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

ABOVEGROUND TANKS (CONTINUED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **611-10** 600000 gals #6 Fuel Oil	Tank # **651-02** 10000 gals #2 Fuel Oil	Tank # **651-03** 5000 gals. #2 Fuel Oil	Tank # **651-04** 5000 gals. #2 Fuel Oil	Tank #
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**NA**	**NA**	**NA**	
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**Y**	**NA**	**NA**	**NA**	
Date last ten year inspection performed.	**7/29/03**				
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**Y**	**NA**	**NA**	**NA**	
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**NA**	**NA**	**NA**	**NA**	
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**Y**	**Y**	**Y**	**Y**	

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **1000P-03** 300 gals Diesel	Tank # **1002A-01** 300 gals Diesel	Tank # **1004A-01** 300 gals. Diesel	Tank # **1005S-01** 500 gals. Diesel	Tank # **1006A-01** 300 gals. Diesel
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **1008A-01** 300 gallons Diesel	Tank # **1010A-01** 300 gallons Diesel	Tank # **1012A-01** 300 gallons Diesel	Tank # **244-09** 1,000 gallons Diesel	Tank # **30-04** 4,000 gallons #2 Fuel Oil
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **321-03** 1,000 gallons #2 Fuel Oil	Tank # **339-04** 1,000 gallons #2 Fuel Oil	Tank # **422-05** 1,000 gallons #2 Fuel Oil	Tank # **423-01** 375 gallons Waste Oil	Tank # **423-16** 500 gallons Lube Oil
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **423-17** 500 gallons Lube Oil	Tank # **449-04** 225 gallons Diesel	Tank # **452-02** 300 gallons Waste Oil	Tank # **463-19** 400 gallons Diesel	Tank # **488-05** 100 gallons Diesel
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

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NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **490-03** 400 gallons Diesel	Tank # **515-03** 4,000 gallons Diesel	Tank # **526-04** 270 gallons #2 Fuel Oil	Tank # **526-14** 1,000 gallons #2 Fuel Oil	Tank # **526-16** 250 gallons #2 Fuel Oil
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **555-14** 224 gallons Diesel	Tank # **575-05** 230 gallons Diesel	Tank # **580-02** 140 gallons Diesel	Tank # **599-02** 225 gallons Diesel	Tank # **603-01** 4,000 gallons Diesel
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **614-05** 500 gallons Diesel	Tank # **618-04** 500 gallons Diesel	Tank # **619-04** 500 gallons Diesel	Tank # **630-12** 280 gallons Lube Oil	Tank # **630-13** 1,000 gallons #2 Fuel Oil
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **635-03** 336 gallons Diesel	Tank # **639-02** 1,000 gallons Bio-Diesel	Tank # **725-13** 250 gallons Diesel	Tank # **735-01** 115 gallons Diesel	Tank # **740-01** 450 gallons Diesel
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**Y**	**Y**	**Y**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section C

NYS PETROLEUM BULK STORAGE REGULATIONS

Environmental Compliance Report

This section of the report addresses compliance with certain sections of the New York State Petroleum Bulk Storage (PBS) Regulations (6 NYCRR Part 613 and 614)

PBS Regulations (6 NYCRR Parts 613 and 614)

ABOVEGROUND TANKS (CONTINUTED)

Tank Number For additional tanks, use extra copies of this form.	Tank # **740-02** 450 gallons Diesel	Tank # **801-38** 224 gallons Diesel	Tank # **911-04** 1,100 gallons Lube Oil	Tank # **912A-05** 3,000 gallons Diesel	Tank # **928-02** 845 gallons Lube Oil
13. For the tanks installed after 12/86, do they meet the new **tank system standards**? Y/N / NA	**Y**	**Y**	**NA**	**Y**	**NA**
If no, identify missing items? **ASTs** must be (1) welded steel with adequate (2) surface coating (paint), if on soil have (3) cathodic protection and if on grade have an (4) impermeable barrier under the tank with the ability to (5) monitor for leaks.					
14. Are **monthly inspections** for all ASTs performed? Y/N / 1 (records not maintained)	**Y**	**Y**	**Y**	**Y**	**Y**
15. Are **ten year inspections** for ASTs performed? Y/N / X / 1 (records not maintained)	**X**	**X**	**X**	**X**	**X**
Date last ten year inspection performed.					
16. **Secondary containment** Does the secondary containment systems comply with the requirements fund in Part 613 and Part 614? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
If no, explain on separate sheet.					
17. Are the dike drain valves locked in a closed position? Y/N / NA	**NA**	**NA**	**NA**	**NA**	**NA**
18. Are the **ASTs equipped with a gauge, high level alarm or other equivalent device**? Y/N / 1 (inoperative)	**Y**	**Y**	**Y**	**Y**	**Y**
19. Are the ASTs marked with the **design/working capacity and identification number**? Y/N	**Y**	**Y**	**Y**	**Y**	**Y**
20. Is a **solenoid** or equivalent valve in place for gravity-fed motor fuel dispensers? Y/N / 1 (inoperative / X (not applicable)	**X**	**X**	**X**	**X**	**X**
21. Is there a **check valve** in place for pump-filled tanks with remote fills? Y/N / 1 (inoperative) / X (not applicable)	**X**	**X**	**X**	**X**	**X**

Section D

Onshore Major Oil Storage Facility Licensing Conditions

Environmental Compliance Report

This section of the report addresses licensing conditions applicable to your facility regulated under Article 12 of the New York Navigation Law

	YES	NO
A. Closure Plan 1. If the facility is inactive, was a closure plan submitted to the Department? Date: _____	**Not Applicable**	
2. Did the Department approve of the closure plan?	**Not Applicable**	
3. Are any of the aboveground tanks considered temporarily or permanently closed? If yes, explain on a separate sheet.		**X**
B. Monitoring Wells and Sampling 1. Has the Department approved the monitoring well system?	**X**	
2. Has a baseline assessment of groundwater quality been completed?	**X**	
3. Are wells monitored monthly?	**X**	
4. Are wells monitored biannually?	**X**	
5. Are wells monitored annually?		
6. Are sampling results forwarded to the Department's Regional Office?		
Annually _____		
Biannually **X**	**X**	
Monthly _____		
C. Secondary Containment 1. Have secondary containment systems been tested for permeability?	**X**	
2. Has a detailed description of the secondary containment systems been submitted to the Department?	**X**	
3. Do all secondary containment systems meet the Department's standards 613.3(c)(6)? If no, explain on separate sheet.	**X**	
4. Was a five year in-depth secondary containment system integrity inspection performed? Date of last inspection: **9/1/2011**	**X**	
Was the inspection approved by the Department? If no, explain on a separate sheet.		**X** **See Attachment 4**
5. Does the Plan evaluate the groundwater geology, hydrology, contamination and risks?	**X**	
6. If secondary containment systems do not meet standards set forth in 613.3(c)(6), have engineering plans been submitted to the Department?	**Not Applicable**	
7. Has the Department approved the engineering plans?	**Not Applicable**	
D. Site Map Has a site map acceptable to the Department been approved?	**X**	
E. Variance Has the Department granted a variance? If yes, is the facility in compliance with the variance?	**Not Applicable**	
F. Violations Were any violations to Federal, State and County, local regulations, codes and license conditions cited during the last five years? If yes, explain on a separate sheet.	**X** **See Attachment 4**	
G. Additional Licensing Requirements 1. Have accurate monthly reports on the number of barrels transferred at the facility been submitted to the Department each month?	**Not Applicable**	
2. Have monthly license fees and surcharges been paid to the Department?	**Not Applicable**	