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Albany, NY 12205  
Phone: 518.453-2203  
Fax: 518.453-2204  
www.envirospeceng.com

July 13, 2016

NYSDEC Regional Permit Administrator  
Attn: Valeria Wu Zhao  
Region 1 Headquarters  
Division of Environmental Permits  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409

Re: Global Companies LLC - Inwood, NY Terminal  
Title V Facility Permit No. 1-2820-00947/00002  
Renewal Application

Dear Ms. Valeria Wu Zhao,

On behalf of Global Companies LLC (Global), Envirospec Engineering, PLLC (Envirospec) is submitting the attached application for a Title V Facility Permit Renewal at the Global Companies – Inwood Terminal (Terminal) located at 464 Doughty Boulevard in Inwood, New York 11096. The terminal currently operates under Title V Facility Permit No. 1-2820-00947/00002 which expires 1/16/2017.

The information contained in the most recent Title V permit was reviewed for completeness and accuracy. The Renewal Application Forms, Title V Certification, Methods of Determining Compliance form, PE Certification, and List of Exempt Activities form have been completed and are being submitted for review. The list of Supporting Documents included with the Renewal Forms was reviewed and applicable items are enclosed.

Based on discussions with NYSDEC it is our understanding that NYSDEC will be incorporating changes to the permit to reflect the newly revised Part 212 Regulations and therefore no changes to the part 212 citations were made.

The enclosed application package includes the following:

- Title V Certification
- P.E. Certification
- Renewal Application Forms
- List of Exempt Activities
- Method Used to Determine Compliance
- Part 212 Regulation Review Memo and Screening Results

The following Supporting Documentation items are not being submitted for the reasons noted below:

- **Aerial Photo – Previously Submitted**
- **Air State Facility Permit – Not Applicable**
- **Alternative Fuel Monitoring Plan – Not Applicable**

- Ambient Air Monitoring Form – Not Applicable
- Analysis of Contemporaneous Emission Increase/Decrease – Not Applicable, as no changes to existing facility emissions are proposed
- Article 11, Title 5 Permit for Interference with Fish and Wildlife – Not Applicable
- Authorized Agent Letter – Not Applicable
- BACT Demonstration – Not Applicable, as no new emission sources are proposed
- Baseline Period Demonstration – Not Applicable, as no changes to existing facility emissions are proposed
- Blasting Chart Ground Vibration Limits – Not Applicable
- Building Identification Table – Not Applicable
- **Calculations – Previously Submitted, no changes to calculations are being proposed**
- Capping Letter/Package – Not Applicable
- Certificate of Capacity (Resource Recovery Facility) – Not Applicable
- Compliance Assurance Plan – Not Applicable
- Confidentiality Justification – Not Applicable
- Construction and Demolition Debris Tracking Document – Not Applicable
- Construction Detail Drawings – Not Applicable, as no construction is proposed
- Continuous Emissions Monitoring Plan – Not Applicable
- Control Equipment Layout – Not Applicable, as no changes to existing Control Equipment are being proposed
- Custom Schedule for Fuel Nitrogen and Sulfur Monitoring – Not Applicable
- Drawings and Blueprints – Not Applicable
- Elevations/Sections – Not Applicable
- **Emission Inventory Report – Submitted on or before 04/15/2016 for RY2015**
- Emissions Unit Summary – Not Applicable, as no changes to existing Emission Units are proposed
- EPA Memo RE: Technical Infeasibility of Monitoring Nitrogen in Fuel – Not Applicable
- Episode Action Plan – Not Applicable
- Equipment Manufacturers Information – Not Applicable
- ERC Quantification – Not Applicable
- Exempt Relation Document – Not Applicable
- Existing Certificates to Operate and/or Permit to Construct – Not Applicable
- Existing Methane Migration & Recovery Well Plan – Not Applicable
- Existing Permit Figures – Not Applicable
- **Facility Location Map – Previously Submitted**
- Facility-wide Operating Permit Submittal Schedule – Not Applicable
- Fugitive Dust Control Plan – Not Applicable
- **General Flow Diagram – Previously Submitted**
- Generating Plant Site & Section Sheet – Not Applicable
- LAER Demonstration – Not Applicable
- Letter of Intent to Commence Work – Not Applicable
- MACT Demonstration – Not Applicable
- Miscellaneous Attachments Not Otherwise Specified – Not Applicable
- Miscellaneous Correspondence – Not Applicable
- Mitigating Planting Plan – Not Applicable



- **MSDS Information Sheet – Previously Provided**
- **Non-CEM: Custom Monitoring, Recordkeeping and/or Reporting Plan – Not Applicable**
- **Notice Covenant – Not Applicable**
- **Notice of Intent to Commence Work – Not Applicable**
- **NOx RACT Compliance Plan – Not Applicable**
- **NOx RACT Operating Plan – Not Applicable**
- **Opacity Compliance Plan – Not Applicable**
- **Operating Flexibility: Desc of Alternative Operating Scenarios and Protocols – Not Applicable**
- **Permit Sign – Not Applicable**
- **Pesticide Treatment Area Map – Not Applicable**
- **Photographs – Not Applicable**
- **Plot Plan – Not Applicable**
- **Process Flow Diagrams – Not Applicable**
- **Process Material Specification Sheet – Not Applicable**
- **Process Operation Log Sheets – Not Applicable**
- **Project Location Map – Not Applicable**
- **PSD Permit Correlation Tables – Not Applicable**
- **RACT Demonstration – Not Applicable**
- **Regulatory Analysis Summary – Not Applicable**
- **Results Analysis Summary – Not Applicable**
- **Results of SEQR Review – Not Applicable**
- **Seed Mix Recommendations – Not Applicable**
- **Short Environmental Assessment Form – Not Applicable**
- **Site Plan – Not Applicable**
- **Solid Waste Annual Report Form – Not Applicable**
- **SPDES Permit – Not Applicable**
- **Stack Test Protocols/Reports – Not Applicable**
- **Title IV Acid Rain Permit Application – Not applicable**
- **VOC RACT Compliance Plan – Not Applicable**
- **Wood Waste Specification – Not Applicable**

This application is complete based on the requirements in 6 NYCRR Part 201-6.2(d), as outlined below:

- **Identifying information**
  - **Provided on the Renewal Forms. No changes are being requested.**
- **A description of the facility's processes and products (by Standard Industrial Classification or North American Industry Classification System code)**
  - **Provided on the Renewal Forms. No changes are being requested.**
- **Emissions related information**
  - **Provided on the Renewal Forms. No changes are being requested.**
- **Air pollution control information**
  - **Provided on the Renewal Forms. No changes are being requested.**
- **Other information that may be necessary to implement and enforce other requirements of the act or to determine the applicability of such requirements**



- No changes are proposed and therefore there should be no changes to applicable requirements.
- An explanation of any proposed exemptions from otherwise applicable Federal requirements
  - No proposed exemptions are requested at this time.
- A description of any proposed exempt activities and/or emission units.
  - This information is provided on the enclosed List of Exempt Activities Form.
- Information necessary to define operational flexibility proposed in accordance with section 201-6.4
  - No operational flexibility under section 201-6.4 is being proposed at this time.
- Acid rain information (if applicable)
  - This facility is not subject to acid rain provisions.
- Certification by a responsible official.
  - Provided on Renewal Forms.

Should you have any questions please feel free to contact me at 518-453-2203.

Sincerely,



Nicole Brower, PE  
Senior Engineer  
Envirospec Engineering PLLC

Cc: Tom Keefe – Global Companies LLC  
Hank Meyerhoefer – Global Companies LLC





DEC ID: 1282000947

Application ID: 128200094700002

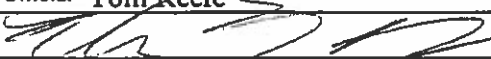
Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

Feb 17, 2016 12:01 pm

**Section I - Certification**  
**Title V Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information [required pursuant to 6 NYCRR 201-6.2(d)] I believe the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

|   |                          |
|---|--------------------------|
| Responsible Official Tom Keefe  | Title Vice President EHS |
| Signature  | Date 7/12/2016           |

**State Facility Certification**

I certify that this facility will be operated in conformance with all provisions of existing regulations.

|                      |       |
|----------------------|-------|
| Responsible Official | Title |
| Signature            | Date  |

**New York State Department of Environmental Conservation**  
**Air Permit Application**



**Department of Environmental Conservation**

| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

| Application ID |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1              | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 | / | 0 | 0 | 0 | 0 | 2 |

| DEC Use Only |   |  |   |  |  |  |  |
|--------------|---|--|---|--|--|--|--|
|              | / |  | / |  |  |  |  |

**Section I - Certification**

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information required to complete this application, I believe the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

|                      |       |
|----------------------|-------|
| Responsible Official | Title |
| Signature            | Date  |

**P.E. Certification**

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments as they pertain to the practice of engineering. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

|   |                        |
|---|------------------------|
| Professional Engineer Nicole Brower, PE | NYS License No. 091076 |
| Signature                               | Date                   |

**Section II - Identification Information**

**Application Type**

- New  
  Renewal  
  Significant Modification  
  Administrative Amendment  
  Minor Modification  
 Application for the construction of a new facility  
  Application involves the construction of new emission unit(s)

**Facility**  Confidential

|  |     |
|--|-----|
| Name   |     |
| Location Address   |     |
| <input type="checkbox"/> City / <input type="checkbox"/> Town / <input type="checkbox"/> Village | Zip |

| Owner/Firm  |  |                |  | Taxpayer ID |  |     |  |
|---|--|----------------|--|-------------|--|-----|--|
| Name  |  |                |  |             |  |     |  |
| Street Address  |  |                |  |             |  |     |  |
| City  |  | State/Province |  | Country     |  | Zip |  |
| Owner Classification: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Municipal <input type="checkbox"/> Corporation/Partnership <input type="checkbox"/> Individual |  |                |  |             |  |     |  |

**Owner/Firm Contact Information**

|                |  |                |  |         |  |     |  |
|----------------|--|----------------|--|---------|--|-----|--|
| Name           |  | Phone (   )    |  |         |  |     |  |
| E-mail Address |  | Fax (   )      |  |         |  |     |  |
| Affiliation    |  | Title          |  |         |  |     |  |
| Street Address |  |                |  |         |  |     |  |
| City           |  | State/Province |  | Country |  | Zip |  |

**Facility Contact Information**

|                |  |                |  |         |  |     |  |
|----------------|--|----------------|--|---------|--|-----|--|
| Name           |  | Phone (   )    |  |         |  |     |  |
| E-mail Address |  | Fax (   )      |  |         |  |     |  |
| Affiliation    |  | Title          |  |         |  |     |  |
| Street Address |  |                |  |         |  |     |  |
| City           |  | State/Province |  | Country |  | Zip |  |



DEC ID: 1282000947

Application ID: 128200094700002

Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

Feb 17, 2016 12:01 pm

**Section II - Identification Information**

|   |                            |
|---|----------------------------|
| Permit Type:  | Air Title V Facility (ATV) |
|   | RENEWAL                    |
| General Permit Title:   |                            |
| <input type="checkbox"/> Application involves construction of new facility <input type="checkbox"/> Application involves construction of new emission unit(s) |                            |

**Owner / Firm**

|                      |                             |         |             |           |
|----------------------|-----------------------------|---------|-------------|-----------|
| Name                 | GLOBAL COMPANIES LLC        |         |             |           |
| Street               | 800 SOUTH ST, P.O. Box 9161 |         |             |           |
| City                 | WALTHAM                     | State   | MA          |           |
|                      |                             | Country | USA         |           |
|                      |                             | Zip     | 02453       |           |
| Owner Classification | Corporation/Partnership     |         | Taxpayer Id | 113561110 |

**Facility**

|         |  |     |       |
|---------|--|-----|-------|
| Name    | GLOBAL COMPANIES LLC - INWOOD TERMINAL |     |       |
| Address | 464 DOUGHTY BLVD                       |     |       |
| City    | INWOOD                                 | Zip | 11096 |

**Owner / Firm Contact Mailing Address**

781-398-4132

|             |   |           |                  |
|-------------|---|-----------|------------------|
| Name        | HANK M MEYERHOEFER Tom Keefe  | Phone No. | 6163718611       |
| Affiliation |   | Fax No.   |                  |
| Title       | Vice President EHS  |           |                  |
| Street      | <del>GLOBAL COMPANIES LLC - INWOOD TERMINAL</del> 800 South St. P.O. Box 9161 |           |                  |
|             | 464 DOUGHTY BLVD  |           |                  |
| City        | INWOOD Waltham  | State     | MA NY            |
|             |   | Country   | USA              |
|             |   | Zip       | 02454-9161 11096 |

**Project Description**

Application for renewal of Air Title V Facility.



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Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

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### Section III - Facility Information Classification

COMMERCIAL

### Affected States

CONNECTICUT

### SIC Codes

5171

### Facility Description

The facility is classified as a gasoline/distillate loading terminal consisting of six (6) permitted storage tanks along with other storage tanks containing gasoline additives and heating oil/diesel. One (1) loading rack with 6 bays is located onsite. Gasoline loading is controlled with a vapor recovery unit.

### Compliance Statements (Title V Only)

I certify that as of the date of this application the facility is in compliance with all applicable requirements  YES  NO  
 If one or more emission units at the facility are not in compliance with all applicable requirements at the time of signing this application ( the 'NO' box must be checked), the noncomplying units must be identified in the "Compliance Plan" block of section IV of this form along with the compliance plan information required. For all emission units at this facility that are operating in compliance with all applicable requirements complete the following:

- This facility will continue to be operated and maintained in such manner as to assure compliance for the duration of the permit, except those units referenced in the compliance plan portion of Section IV of this application.
- For all emission units, subject to any applicable requirements that will become effective during the term of the permit, this facility will meet all such requirements on a timely basis.
- Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with respect to each requirement, and the method used to determine status.

### Facility Applicable Federal Requirements

| Title | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
|-------|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| 40    | CFR   | 60   | Kb       | 113b    | a            |       |           |        |            |      |
| 40    | CFR   | 60   | Kb       | 115b    | a            |       |           |        |            |      |
| 40    | CFR   | 60   | Kb       | 116b    |              |       |           |        |            |      |
| 40    | CFR   | 60   | XX       | 502     |              |       |           |        |            |      |
| 40    | CFR   | 60   | A        | 7       | a            |       |           |        |            |      |
| 40    | CFR   | 63   | BBBBBB   | 11089   |              |       |           |        |            |      |
| 40    | CFR   | 68   |          |         |              |       |           |        |            |      |
| 40    | CFR   | 82   | F        |         |              |       |           |        |            |      |
| 6     | NYCRR | 200  |          | 6       |              |       |           |        |            |      |
| 6     | NYCRR | 200  |          | 7       |              |       |           |        |            |      |
| 6     | NYCRR | 201  | 1        | 7       |              |       |           |        |            |      |
| 6     | NYCRR | 201  | 1        | 8       |              |       |           |        |            |      |
| 6     | NYCRR | 201  | 3        | 2       | a            |       |           |        |            |      |
| 6     | NYCRR | 201  | 3        | 3       | a            |       |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | a            | 4     |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | a            | 7     |           |        |            |      |





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Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

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**Section III - Facility Information**  
**Facility Applicable Federal Requirements**

| Title | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
|-------|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| 6     | NYCRR | 201  | 6        | 4       | a            | 8     |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | c            |       |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | c            | 2     |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | c            | 3     | ii        |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | d            | 4     |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | e            |       |           |        |            |      |
| 6     | NYCRR | 201  | 6        | 4       | f            | 6     |           |        |            |      |
| 6     | NYCRR | 202  | 1        | 1       |              |       |           |        |            |      |
| 6     | NYCRR | 202  | 2        | 1       |              |       |           |        |            |      |
| 6     | NYCRR | 202  | 2        | 5       |              |       |           |        |            |      |
| 6     | NYCRR | 211  |          | 1       |              |       |           |        |            |      |
| 6     | NYCRR | 215  |          | 2       |              |       |           |        |            |      |
| 6     | NYCRR | 225  | 1        | 2       |              |       |           |        |            |      |
| 6     | NYCRR | 225  | 3        | 3       | a            |       |           |        |            |      |
| 6     | NYCRR | 229  |          | 3       | a            |       |           |        |            |      |
| 6     | NYCRR | 229  |          | 5       |              |       |           |        |            |      |
| 6     | NYCRR | 201  | 6        |         |              |       |           |        |            |      |

**Facility State Only Requirements**

| Title | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
|-------|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| 6     | NYCRR | 201  | 1        | 4       |              |       |           |        |            |      |
| 6     | NYCRR | 225  | 3        | 4       |              |       |           |        |            |      |
|       | ECL   | 19   | 0301     |         |              |       |           |        |            |      |

New York State Department of Environmental Conservation  
 Air Permit Application Form



| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

**Section III - Facility Information**

| Facility Applicable Federal Requirements (continuation) |       |      |         |         |             |           |              |        |           |
|---|-------|------|---------|---------|-------------|-----------|--------------|--------|-----------|
| Title   | Type  | Part | Subpart | Section | Subdivision | Paragraph | Subparagraph | Clause | Subclause |
| 6   | NYCRR | 201  | 7       | 1       | a           |           |              |        |           |
| 6   | NYCRR | 225  | 1       | 8       |             |           |              |        |           |
| 6   | NYCRR | 225  | 3       | 4       | a           |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
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|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
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|   |       |      |         |         |             |           |              |        |           |
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|   |       |      |         |         |             |           |              |        |           |
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|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |
|   |       |      |         |         |             |           |              |        |           |



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Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

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**Section III - Facility Information**  
**Facility Compliance Certification**

| Rule Citation  |       |      |          |         |              |       |           |        |            |      |
|--|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| Title  | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
| 6  | NYCRR | 201  | 7        | 1       | a            |       |           |        |            |      |
| <input checked="" type="checkbox"/> Applicable Federal Requirement |       |      |          |         |              |       |           |        |            |      |

**Capped Regulations**

| Title | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
|-------|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| 6     | NYCRR | 231  | 6        | 2       |              |       |           |        |            |      |

**Description**

The facility is granted a net increase of 20.6 tpy of VOC emissions above the previous permit limit of 56.03 tpy. This increase is associated with the increase of gasoline throughput from 350 to 450 million gallons.

**Contaminants**

| Capping                             | CAS No.     | Contaminant Name |
|-------------------------------------|-------------|------------------|
| <input checked="" type="checkbox"/> | 0NY998-00-0 | VOC              |

**Monitoring Information**

| X WORK PRACTICE INVOLVING SPECIFIC OPERATIONS |             |                  |                             |   |
|---|-------------|------------------|-----------------------------|---|
| Work Practice                                 |             | Process Material |                             | Ref Test Method                                 |
| Type  | Code        | Description      |                             |   |
| 03  | 017         | GASOLINE         |                             |   |
|   |             | Parameter        | Manufacturer Name/Model No. |   |
| Code  | Description |                  |                             |   |
| Limit   |             | Limit Units      |                             |   |
| Upper   | Lower       | Code             | Description                 |   |
| 20.6  |             | 38               | tons per year               |   |
| Averaging Method                              | Code        | 17               | Desc                        | ANNUAL MAXIMUM ROLLED MONTHLY                   |
| Monitoring Freq                               | Code        | 14               | Desc                        | AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |
| Reporting Reqs                                | Code        | 14               | Desc                        | SEMI-ANNUALLY (CALENDAR)                        |



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**Section III - Facility Information**  
**Facility Compliance Certification**

| Rule Citation  |       |      |          |         |              |       |           |        |            |      |
|--|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| Title  | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
| 6  | NYCRR | 201  | 7        | 1       | a            |       |           |        |            |      |
| <input checked="" type="checkbox"/> Applicable Federal Requirement |       |      |          |         |              |       |           |        |            |      |

| Capped Regulations |       |      |          |         |              |       |           |        |            |      |
|--------------------|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| Title              | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
| 6                  | NYCRR | 231  | 2        |         |              |       |           |        |            |      |

**Description**

Total gasoline throughput for the facility shall not exceed 450 mmgal per year for any consecutive 12-month period. Total distillate throughput for the facility shall not exceed 200 mmgal per year for any consecutive 12-month period.

**Contaminants**

| Capping                             | CAS No.     | Contaminant Name |
|-------------------------------------|-------------|------------------|
| <input checked="" type="checkbox"/> | 0NY998-00-0 | VOC              |

| Monitoring Information  |             |                  |                               |  |                             |
|---|-------------|------------------|-------------------------------|--|-----------------------------|
| <input checked="" type="checkbox"/> RECORD KEEPING/MAINTENANCE PROCEDURES |             |                  |                               |  |                             |
| Work Practice   |             | Process Material |                               |  | Ref Test Method             |
| Type  | Code        | Description      |                               |  |                             |
|   |             |                  |                               |  |                             |
|   |             | Parameter        |                               |  | Manufacturer Name/Model No. |
| Code  | Description |                  |                               |  |                             |
|   |             |                  |                               |  |                             |
| Limit   |             | Limit Units      |                               |  |                             |
| Upper   | Lower       | Code             | Description                   |  |                             |
|   |             |                  |                               |  |                             |
| Averaging Method  | Code        | Desc             |                               |  |                             |
| Monitoring Freq   | Code        | 05               | Desc MONTHLY                  |  |                             |
| Reporting Reqs  | Code        | 14               | Desc SEMI-ANNUALLY (CALENDAR) |  |                             |



DEC ID: 1282000947

Application ID: 128200094700002

Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

Feb 17, 2016 12:01 pm

### Section III - Facility Information Facility Compliance Certification

| Rule Citation  |       |      |          |         |              |       |           |        |            |      |
|--|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| Title  | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
| 6  | NYCRR | 201  | 7        | 1       | a            |       |           |        |            |      |
| <input checked="" type="checkbox"/> Applicable Federal Requirement |       |      |          |         |              |       |           |        |            |      |

#### Capped Regulations

| Title | Type | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
|-------|------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| 40    | CFR  | 63   | R        | 420     | a            | 2     |           |        |            |      |

#### Description

Total individual HAP emissions for the facility must not exceed 9.9 tons per year for any consecutive 12-month period. Total HAP emissions for the facility must not exceed 24.9 tons per year for any consecutive 12-month period. Verification of both of these caps shall be determined by means of emission calculations using methods approved by the Department. NOTE: The calculation methods, including the use of the EPA TANKS program, which were used to determine the total facility emissions for the Product Terminal Emission Report provided to support previous inventory statements, are acceptable.

#### Contaminants

| Capping                             | CAS No.     | Contaminant Name          |
|-------------------------------------|-------------|---------------------------|
| <input checked="" type="checkbox"/> | 000071-43-2 | BENZENE                   |
| <input checked="" type="checkbox"/> | 000091-20-3 | NAPHTHALENE               |
| <input checked="" type="checkbox"/> | 000092-52-4 | 1, 1 BIPHENYL             |
| <input checked="" type="checkbox"/> | 000095-48-7 | 2-METHYL-PHENOL           |
| <input checked="" type="checkbox"/> | 000098-82-8 | BENZENE, (1-METHYLETHYL)  |
| <input checked="" type="checkbox"/> | 000100-41-4 | ETHYLBENZENE              |
| <input checked="" type="checkbox"/> | 000108-38-3 | 1,3 DIMETHYL BENZENE      |
| <input checked="" type="checkbox"/> | 000108-88-3 | TOLUENE                   |
| <input checked="" type="checkbox"/> | 000108-95-2 | PHENOL                    |
| <input checked="" type="checkbox"/> | 000110-54-3 | HEXANE                    |
| <input checked="" type="checkbox"/> | 000540-84-1 | PENTANE, 2,2,4-TRIMETHYL- |
| <input checked="" type="checkbox"/> | 0NY100-00-0 | TOTAL HAP                 |



DEC ID: 1282000947

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Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

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**Section III - Facility Information  
 Facility Compliance Certification**

| Monitoring Information  |             |                  |                             |                          |
|---|-------------|------------------|-----------------------------|--------------------------|
| <input checked="" type="checkbox"/> RECORD KEEPING/MAINTENANCE PROCEDURES |             |                  |                             |                          |
| Work Practice   |             | Process Material |                             | Ref Test Method          |
| Type  | Code        | Description      |                             |                          |
|   |             |                  |                             |                          |
| Parameter   |             |                  | Manufacturer Name/Model No. |                          |
| Code  | Description |                  |                             |                          |
|   |             |                  |                             |                          |
| Limit   |             | Limit Units      |                             |                          |
| Upper   | Lower       | Code             | Description                 |                          |
|   |             |                  |                             |                          |
| Averaging Method  | Code        | Desc             |                             |                          |
| Monitoring Freq   | Code        | 05               | Desc                        | MONTHLY                  |
| Reporting Raqs  | Code        | 14               | Desc                        | SEMI-ANNUALLY (CALENDAR) |

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| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
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| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section III - Facility Information

| Facility Compliance Certification (continuation)  |             |                             |                                  |                        |   |                         |               |        |           |
|---|-------------|-----------------------------|----------------------------------|------------------------|---|-------------------------|---------------|--------|-----------|
| Rule Citation   |             |                             |                                  |                        |   |                         |               |        |           |
| Title   | Type        | Part                        | Subpart                          | Section                | Subdivision   | Paragraph               | Subparagraph  | Clause | Subclause |
| 40  | CFR         | 60                          | Kb                               | 113b                   | a   |                         |               |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement   |             |                             | <input type="checkbox"/> Capping | CAS No.<br>ONY998-00-0 |   | Contaminant Name<br>VOC |               |        |           |
| Monitoring Information  |             |                             |                                  |                        |   |                         |               |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring  |             |                             |                                  |                        | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                         |               |        |           |
| Description   |             |                             |                                  |                        |   |                         |               |        |           |
| <p>The facility operator shall conduct the following testing and maintenance procedures on the internal floating roof VOC control system for storage vessel TK010 when storing volatile organic liquid (including gasoline): (CONT)</p> |             |                             |                                  |                        |   |                         |               |        |           |
| Work Practice   |             | Process Material            |                                  |                        |   | Reference Test Method   |               |        |           |
| Type  | Code        | Description                 |                                  |                        |   |                         |               |        |           |
|   |             |                             |                                  |                        |   |                         |               |        |           |
| Parameter   |             | Manufacturer Name/Model No. |                                  |                        |   |                         |               |        |           |
| Code  | Description |                             |                                  |                        |   |                         |               |        |           |
|   |             |                             |                                  |                        |   |                         |               |        |           |
| Limit   |             |                             |                                  | Limit Units            |   |                         |               |        |           |
| Upper   |             | Lower                       |                                  | Code                   | Description   |                         |               |        |           |
|   |             |                             |                                  |                        |   |                         |               |        |           |
| Averaging Method  |             |                             | Monitoring Frequency             |                        |   | Reporting Requirements  |               |        |           |
| Code  | Description |                             | Code                             | Description            |   | Code                    | Description   |        |           |
|   |             |                             | 14                               | As Required            |   | 14                      | Semi-Annually |        |           |

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| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
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| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section III - Facility Information

| Facility Compliance Certification (continuation)   |             |                             |                                  |                        |   |                       |                  |        |           |
|--|-------------|-----------------------------|----------------------------------|------------------------|---|-----------------------|------------------|--------|-----------|
| Rule Citation  |             |                             |                                  |                        |   |                       |                  |        |           |
| Title  | Type        | Part                        | Subpart                          | Section                | Subdivision   | Paragraph             | Subparagraph     | Clause | Subclause |
| 40   | CFR         | 60                          | Kb                               | 113b                   | a   |                       |                  |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement  |             |                             | <input type="checkbox"/> Capping |                        | CAS No.   |                       | Contaminant Name |        |           |
|  |             |                             |                                  |                        | ONY998-00-0   |                       | VOC              |        |           |
| Monitoring Information   |             |                             |                                  |                        |   |                       |                  |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring   |             |                             |                                  |                        | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                       |                  |        |           |
| Description  |             |                             |                                  |                        |   |                       |                  |        |           |
| <p>(1) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with volatile organic liquid (VOL). If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.</p> <p>(2) Visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department in the inspection report required by this rule in Sec. 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.</p> |             |                             |                                  |                        |   |                       |                  |        |           |
| Work Practice  |             | Process Material            |                                  |                        |   | Reference Test Method |                  |        |           |
| Type   | Code        | Description                 |                                  |                        |   |                       |                  |        |           |
|  |             |                             |                                  |                        |   |                       |                  |        |           |
| Parameter  |             | Manufacturer Name/Model No. |                                  |                        |   |                       |                  |        |           |
| Code   | Description |                             |                                  |                        |   |                       |                  |        |           |
|  |             |                             |                                  |                        |   |                       |                  |        |           |
| Limit  |             |                             | Limit Units                      |                        |   |                       |                  |        |           |
| Upper  | Lower       | Code                        | Description                      |                        |   |                       |                  |        |           |
|  |             |                             |                                  |                        |   |                       |                  |        |           |
| Averaging Method   |             | Monitoring Frequency        |                                  | Reporting Requirements |   |                       |                  |        |           |
| Code   | Description | Code                        | Description                      | Code                   | Description   |                       |                  |        |           |
|  |             | 14                          | As required                      | 14                     | Semi-Annually   |                       |                  |        |           |



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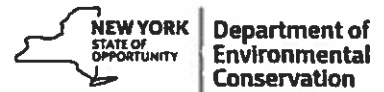


| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
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| Facility Compliance Certification (continuation)   |             |                             |                                  |                        |   |                       |                         |        |           |
|--|-------------|-----------------------------|----------------------------------|------------------------|---|-----------------------|-------------------------|--------|-----------|
| Rule Citation  |             |                             |                                  |                        |   |                       |                         |        |           |
| Title  | Type        | Part                        | Subpart                          | Section                | Subdivision   | Paragraph             | Subparagraph            | Clause | Subclause |
| 40   | CFR         | 60                          | Kb                               | 113b                   | a   |                       |                         |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement  |             |                             | <input type="checkbox"/> Capping |                        | CAS No.<br>ONY998-00-0  |                       | Contaminant Name<br>VOC |        |           |
| Monitoring Information   |             |                             |                                  |                        |   |                       |                         |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring   |             |                             |                                  |                        | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                       |                         |        |           |
| Description  |             |                             |                                  |                        |   |                       |                         |        |           |
| <p>(3) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this requirement occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in item (2).</p> <p>(4) Notify the regional office in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by items (1) and (3) of this section to afford the Department the opportunity to have an observer present. If the inspection required by item (3) is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator shall notify the Department at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Department at least 7 days prior to the refilling.</p> |             |                             |                                  |                        |   |                       |                         |        |           |
| Work Practice  |             | Process Material            |                                  |                        |   | Reference Test Method |                         |        |           |
| Type   | Code        | Description                 |                                  |                        |   |                       |                         |        |           |
|  |             |                             |                                  |                        |   |                       |                         |        |           |
| Parameter  |             | Manufacturer Name/Model No. |                                  |                        |   |                       |                         |        |           |
| Code   | Description |                             |                                  |                        |   |                       |                         |        |           |
|  |             |                             |                                  |                        |   |                       |                         |        |           |
| Limit  |             |                             | Limit Units                      |                        |   |                       |                         |        |           |
| Upper  | Lower       | Code                        | Description                      |                        |   |                       |                         |        |           |
|  |             |                             |                                  |                        |   |                       |                         |        |           |
| Averaging Method   |             | Monitoring Frequency        |                                  | Reporting Requirements |   |                       |                         |        |           |
| Code   | Description | Code                        | Description                      | Code                   | Description   |                       |                         |        |           |
|  |             | 14                          | As required                      | 14                     | Semi-Annually   |                       |                         |        |           |

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| Facility Compliance Certification (continuation)  |                        |   |                                  |              |   |                             |                  |        |           |
|---|------------------------|---|----------------------------------|--------------|---|-----------------------------|------------------|--------|-----------|
| Rule Citation   |                        |   |                                  |              |   |                             |                  |        |           |
| Title   | Type                   | Part                                    | Subpart                          | Section      | Subdivision   | Paragraph                   | Subparagraph     | Clause | Subclause |
| 6   | NYCRR                  | 225                                     | 1                                | 2            |   |                             |                  |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement   |                        |   | <input type="checkbox"/> Capping |              | CAS No.   |                             | Contaminant Name |        |           |
| Monitoring Information  |                        |   |                                  |              |   |                             |                  |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring  |                        |   |                                  |              | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input checked="" type="checkbox"/> Work Practice Involving Specific Operations<br><input type="checkbox"/> Record Keeping/Maintenance Procedures |                             |                  |        |           |
| Description   |                        |   |                                  |              |   |                             |                  |        |           |
| <p>Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014 and are limited to the firing of distillate oil including number two heating oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.</p> <p>The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart. All records must be maintained at the facility for a minimum of five years.</p> <p>Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedances takes place.</p> |                        |   |                                  |              |   |                             |                  |        |           |
| Work Practice   |                        | Process Material                        |                                  |              |   | Reference Test Method       |                  |        |           |
| Type  | Code                   | Description                             |                                  |              |   |                             |                  |        |           |
| 04  | 036                    | Distillates - Number 1 and Number 2 Oil |                                  |              |   |                             |                  |        |           |
|   |                        | Parameter                               |                                  |              |   | Manufacturer Name/Model No. |                  |        |           |
| Code  | Description            |   |                                  |              |   |                             |                  |        |           |
| 32  | Sulfur Content         |   |                                  |              |   |                             |                  |        |           |
| Limit   |                        |   |                                  | Limit Units  |   |                             |                  |        |           |
| Upper   |                        | Lower                                   |                                  | Code         | Description   |                             |                  |        |           |
| .0015   |                        |   |                                  | 57           | percent by weight   |                             |                  |        |           |
| Averaging Method  |                        |   | Monitoring Frequency             |              |   | Reporting Requirements      |                  |        |           |
| Code  | Description            |   | Code                             | Description  |   | Code                        | Description      |        |           |
| 01  | Maximum, Instantaneous |   | 11                               | Per Delivery |   | 07                          | Quarterly        |        |           |

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Section III - Facility Information

| Facility Compliance Certification (continuation)   |             |                  |                                  |             |   |                             |                  |        |           |
|--|-------------|------------------|----------------------------------|-------------|---|-----------------------------|------------------|--------|-----------|
| Rule Citation  |             |                  |                                  |             |   |                             |                  |        |           |
| Title  | Type        | Part             | Subpart                          | Section     | Subdivision   | Paragraph                   | Subparagraph     | Clause | Subclause |
| 6  | NYCRR       | 225              | 1                                | 8           |   |                             |                  |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement  |             |                  | <input type="checkbox"/> Capping |             | GAS No.   |                             | Contaminant Name |        |           |
| Monitoring Information   |             |                  |                                  |             |   |                             |                  |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring   |             |                  |                                  |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                             |                  |        |           |
| Description  |             |                  |                                  |             |   |                             |                  |        |           |
| <p>An owner or operator of a facility which sells fuel oil shall compile and retain records of the following information:</p> <p>a. fuel analyses and data on the quantities of all residual and distillate oil received;</p> <p>b. the names of all purchasers of all residual and distillate oil sold;</p> <p>c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.</p> <p>Fuel analyses must contain as a minimum, data on the sulfur content, specific gravity and heating value of any residual oil or distillate oil. API gravity may be tracked as an alternative parameter to specific gravity and heating value provided the latter two items can still be determined. Ash content shall also be included in the fuel analyses for any residual oil. These records shall be retained for a minimum period of three years. If the facility is subject to Title V requirements the minimum record retention period shall be five years. The records shall be made available for inspection by department staff during normal business hours. In addition, copies of such records shall be furnished to department staff upon request. All required sampling, composting and analysis of fuel samples must be done in accordance with methods acceptable to the department.</p> |             |                  |                                  |             |   |                             |                  |        |           |
| Work Practice  |             | Process Material |                                  |             |   | Reference Test Method       |                  |        |           |
| Type   | Code        | Description      |                                  |             |   |                             |                  |        |           |
|  |             |                  |                                  |             |   |                             |                  |        |           |
|  |             | Parameter        |                                  |             |   | Manufacturer Name/Model No. |                  |        |           |
| Code   | Description |                  |                                  |             |   |                             |                  |        |           |
|  |             |                  |                                  |             |   |                             |                  |        |           |
| Limit  |             |                  |                                  | Limit Units |   |                             |                  |        |           |
| Upper  |             | Lower            |                                  | Code        | Description   |                             |                  |        |           |
|  |             |                  |                                  |             |   |                             |                  |        |           |
| Averaging Method   |             |                  | Monitoring Frequency             |             |   | Reporting Requirements      |                  |        |           |
| Code   | Description |                  | Code                             | Description |   | Code                        | Description      |        |           |
|  |             |                  | 14                               | As required |   | 14                          | Semi-Annually    |        |           |

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| Facility Compliance Certification (continuation)   |             |                  |                                  |             |   |                             |                  |        |           |
|--|-------------|------------------|----------------------------------|-------------|---|-----------------------------|------------------|--------|-----------|
| Rule Citation  |             |                  |                                  |             |   |                             |                  |        |           |
| Title  | Type        | Part             | Subpart                          | Section     | Subdivision   | Paragraph                   | Subparagraph     | Clause | Subclause |
| 6  | NYCRR       | 229              |                                  | 3           | a   |                             |                  |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement  |             |                  | <input type="checkbox"/> Capping |             | CAS No.   |                             | Contaminant Name |        |           |
| Monitoring Information   |             |                  |                                  |             |   |                             |                  |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring   |             |                  |                                  |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                             |                  |        |           |
| Description  |             |                  |                                  |             |   |                             |                  |        |           |
| <p>The petroleum liquid storage fixed roof storage tanks referenced in this condition (TK004, TK005, TK006, TK007, TK008) must meet the following requirements:</p> <ol style="list-style-type: none"> <li>each referenced tank must be retrofitted with an internal floating roof or equivalent control; and</li> <li>the vapor collection and vapor control systems should be maintained and operated in such a way as to ensure the integrity and efficiency of the system.</li> </ol> <p>The permittee must visually inspect the floating roof and secondary seals from the tank roof hatch on an semi-annual basis.</p> |             |                  |                                  |             |   |                             |                  |        |           |
| Work Practice  |             | Process Material |                                  |             |   | Reference Test Method       |                  |        |           |
| Type   | Code        | Description      |                                  |             |   |                             |                  |        |           |
|  |             |                  |                                  |             |   |                             |                  |        |           |
|  |             | Parameter        |                                  |             |   | Manufacturer Name/Model No. |                  |        |           |
| Code   | Description |                  |                                  |             |   |                             |                  |        |           |
|  |             |                  |                                  |             |   |                             |                  |        |           |
| Limit  |             |                  |                                  | Limit Units |   |                             |                  |        |           |
| Upper  |             | Lower            |                                  | Code        | Description   |                             |                  |        |           |
|  |             |                  |                                  |             |   |                             |                  |        |           |
| Averaging Method   |             |                  | Monitoring Frequency             |             |   | Reporting Requirements      |                  |        |           |
| Code   | Description |                  | Code                             | Description |   | Code                        | Description      |        |           |
|  |             |                  | 14                               | As required |   | 14                          | Semi-Annually    |        |           |

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| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section III - Facility Information

| Facility Compliance Certification (continuation)   |             |                             |   |                        |             |                       |                  |        |           |
|--|-------------|-----------------------------|---|------------------------|-------------|-----------------------|------------------|--------|-----------|
| Rule Citation  |             |                             |   |                        |             |                       |                  |        |           |
| Title  | Type        | Part                        | Subpart   | Section                | Subdivision | Paragraph             | Subparagraph     | Clause | Subclause |
| 6  | NYCRR       | 229                         |   | 5                      |             |                       |                  |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement  |             |                             | <input type="checkbox"/> Capping  |                        | CAS No.     |                       | Contaminant Name |        |           |
| Monitoring Information   |             |                             |   |                        |             |                       |                  |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring   |             |                             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                        |             |                       |                  |        |           |
| Description  |             |                             |   |                        |             |                       |                  |        |           |
| <p>The owner or operator of a gasoline bulk plant, gasoline loading terminal, petroleum liquid storage tank, marine loading vessel facility, or volatile organic liquid storage tank subject to this Part must maintain the following records at the facility for a period for five years; a) capacities of petroleum liquid storage tanks subject to section 229.3(a) or (b) of the Part, in gallons; (b) average daily gasoline throughput per day for gasoline bulk plants subject to section 229.3 (c) of this Part, in gallons; (c) average daily gasoline throughput for gasoline loading terminals subject to section 229.3(d) of this Part, in gallons per year; (d) capacities of volatile organic liquid storage tanks, subject to section 229.3(e) of this Part, in gallons; and (e) daily gasoline throughput for marine vessel loading facilities subject to section 229.3(f) of this Part, in gallons.</p> |             |                             |   |                        |             |                       |                  |        |           |
| Work Practice  |             | Process Material            |   |                        |             | Reference Test Method |                  |        |           |
| Type   | Code        | Description                 |   |                        |             |                       |                  |        |           |
|  |             |                             |   |                        |             |                       |                  |        |           |
| Parameter  |             | Manufacturer Name/Model No. |   |                        |             |                       |                  |        |           |
| Code   | Description |                             |   |                        |             |                       |                  |        |           |
|  |             |                             |   |                        |             |                       |                  |        |           |
| Limit  |             |                             | Limit Units   |                        |             |                       |                  |        |           |
| Upper  | Lower       | Code                        | Description   |                        |             |                       |                  |        |           |
|  |             |                             |   |                        |             |                       |                  |        |           |
| Averaging Method   |             | Monitoring Frequency        |   | Reporting Requirements |             |                       |                  |        |           |
| Code   | Description | Code                        | Description   | Code                   | Description |                       |                  |        |           |
|  |             | 14                          | As required   | 15                     | Annually    |                       |                  |        |           |

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Air Permit Application Form



| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section III - Facility Information

| Facility Compliance Certification (continuation)  |             |                  |                                  |             |  |                             |                  |        |           |
|---|-------------|------------------|----------------------------------|-------------|--|-----------------------------|------------------|--------|-----------|
| Rule Citation   |             |                  |                                  |             |  |                             |                  |        |           |
| Title   | Type        | Part             | Subpart                          | Section     | Subdivision  | Paragraph                   | Subparagraph     | Clause | Subclause |
| 40  | CFR         | 60               | Kb                               | 115b        | a  |                             |                  |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement  |             |                  | <input type="checkbox"/> Capping |             | CAS No.  |                             | Contaminant Name |        |           |
| <input type="checkbox"/> State Only Requirement   |             |                  |                                  |             | 0NY998-00-0  |                             | VOC              |        |           |
| Monitoring Information  |             |                  |                                  |             |  |                             |                  |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring   |             |                  |                                  |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |                             |                  |        |           |
| <input type="checkbox"/> Intermittent Emission Testing  |             |                  |                                  |             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |                             |                  |        |           |
| <input type="checkbox"/> Ambient Air Monitoring   |             |                  |                                  |             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |                             |                  |        |           |
| Description   |             |                  |                                  |             |  |                             |                  |        |           |
| The facility shall conduct the following reporting and recordkeeping procedures for storage vessel TK010:   |             |                  |                                  |             |  |                             |                  |        |           |
| (1) Provide the Department with a report that describes the control equipment and certifies that it meets the specifications of the internal floating roof identified in the permit requirements cited under 40 CFR 60.112b(a)(1) and item 1 of the condition cited under 40 CFR 60.113b(a). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).                              |             |                  |                                  |             |  |                             |                  |        |           |
| (2) Keep a record of each inspection performed as required by the permit requirement cited under 40 CFR 60.113b(a). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).                                |             |                  |                                  |             |  |                             |                  |        |           |
| (3) If any of the conditions described in item 2 of the permit requirement cited under 40 CFR 60.113b(a) are detected during the annual visual inspection, a report shall be furnished to the Department within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. |             |                  |                                  |             |  |                             |                  |        |           |
| Work Practice   |             | Process Material |                                  |             |  | Reference Test Method       |                  |        |           |
| Type  | Code        | Description      |                                  |             |  |                             |                  |        |           |
|   |             |                  |                                  |             |  |                             |                  |        |           |
|   |             | Parameter        |                                  |             |  | Manufacturer Name/Model No. |                  |        |           |
| Code  | Description |                  |                                  |             |  |                             |                  |        |           |
|   |             |                  |                                  |             |  |                             |                  |        |           |
| Limit   |             |                  | Limit Units                      |             |  |                             |                  |        |           |
| Upper   | Lower       |                  | Code                             | Description |  |                             |                  |        |           |
|   |             |                  |                                  |             |  |                             |                  |        |           |
| Averaging Method  |             |                  | Monitoring Frequency             |             |  | Reporting Requirements      |                  |        |           |
| Code  | Description |                  | Code                             | Description |  | Code                        | Description      |        |           |
|   |             |                  | 14                               | As required |  | 14                          | Semi-Annually    |        |           |

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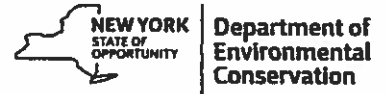


| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section III - Facility Information

| Facility Compliance Certification (continuation)  |             |                             |                                  |                        |   |                       |                         |        |           |
|---|-------------|-----------------------------|----------------------------------|------------------------|---|-----------------------|-------------------------|--------|-----------|
| Rule Citation   |             |                             |                                  |                        |   |                       |                         |        |           |
| Title   | Type        | Part                        | Subpart                          | Section                | Subdivision   | Paragraph             | Subparagraph            | Clause | Subclause |
| 40  | CFR         | 60                          | Kb                               | 116b                   |   |                       |                         |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement   |             |                             | <input type="checkbox"/> Capping |                        | GAS No.<br>ONY998-00-0  |                       | Contaminant Name<br>VOC |        |           |
| Monitoring Information  |             |                             |                                  |                        |   |                       |                         |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring  |             |                             |                                  |                        | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                       |                         |        |           |
| Description   |             |                             |                                  |                        |   |                       |                         |        |           |
| <p>The facility shall maintain the following readily accessible records, if applicable, for storage vessel TK010:</p> <ul style="list-style-type: none"> <li>-records showing the dimension of the storage vessel</li> <li>-an analysis showing the capacity of the storage vessel</li> <li>-a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of the VOL during the respective storage period. Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.</li> </ul> <p>(1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.</p> |             |                             |                                  |                        |   |                       |                         |        |           |
| Work Practice   |             | Process Material            |                                  |                        |   | Reference Test Method |                         |        |           |
| Type  | Code        | Description                 |                                  |                        |   |                       |                         |        |           |
|   |             |                             |                                  |                        |   |                       |                         |        |           |
| Parameter   |             | Manufacturer Name/Model No. |                                  |                        |   |                       |                         |        |           |
| Code  | Description |                             |                                  |                        |   |                       |                         |        |           |
|   |             |                             |                                  |                        |   |                       |                         |        |           |
| Limit   |             |                             | Limit Units                      |                        |   |                       |                         |        |           |
| Upper   | Lower       | Code                        | Description                      |                        |   |                       |                         |        |           |
|   |             |                             |                                  |                        |   |                       |                         |        |           |
| Averaging Method  |             | Monitoring Frequency        |                                  | Reporting Requirements |   |                       |                         |        |           |
| Code  | Description | Code                        | Description                      | Code                   | Description   |                       |                         |        |           |
|   |             | 14                          | As required                      | 14                     | Semi-Annually   |                       |                         |        |           |

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|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section III - Facility Information

| Facility Compliance Certification (continuation)   |             |                             |   |                        |                        |                       |                         |        |           |
|--|-------------|-----------------------------|---|------------------------|------------------------|-----------------------|-------------------------|--------|-----------|
| Rule Citation  |             |                             |   |                        |                        |                       |                         |        |           |
| Title  | Type        | Part                        | Subpart   | Section                | Subdivision            | Paragraph             | Subparagraph            | Clause | Subclause |
| 40   | CFR         | 60                          | Kb  | 116b                   |                        |                       |                         |        |           |
| <input checked="" type="checkbox"/> Applicable Federal Requirement<br><input type="checkbox"/> State Only Requirement  |             |                             | <input type="checkbox"/> Capping  |                        | GAS No.<br>ONY998-00-0 |                       | Contaminant Name<br>VOC |        |           |
| Monitoring Information   |             |                             |   |                        |                        |                       |                         |        |           |
| <input type="checkbox"/> Continuous Emission Monitoring<br><input type="checkbox"/> Intermittent Emission Testing<br><input type="checkbox"/> Ambient Air Monitoring   |             |                             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate<br><input type="checkbox"/> Work Practice Involving Specific Operations<br><input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures |                        |                        |                       |                         |        |           |
| Description  |             |                             |   |                        |                        |                       |                         |        |           |
| (2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:<br>(i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference-- see Sec. 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).<br>(ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.<br><br>(3) For other liquids, the vapor pressure:<br>(i) May be obtained from standard reference texts, or<br>(ii) Determined by ASTM D2879-83, 96, or 97 (incorporated by reference-- see Sec. 60.17); or<br>(iii) Measured by an appropriate method approved by the Administrator; or<br>(iv) Calculated by an appropriate method approved by the Administrator. |             |                             |   |                        |                        |                       |                         |        |           |
| Work Practice  |             | Process Material            |   |                        |                        | Reference Test Method |                         |        |           |
| Type   | Code        | Description                 |   |                        |                        |                       |                         |        |           |
|  |             |                             |   |                        |                        |                       |                         |        |           |
| Parameter  |             | Manufacturer Name/Model No. |   |                        |                        |                       |                         |        |           |
| Code   | Description |                             |   |                        |                        |                       |                         |        |           |
|  |             |                             |   |                        |                        |                       |                         |        |           |
| Limit  |             |                             | Limit Units   |                        |                        |                       |                         |        |           |
| Upper  | Lower       | Code                        | Description   |                        |                        |                       |                         |        |           |
|  |             |                             |   |                        |                        |                       |                         |        |           |
| Averaging Method   |             | Monitoring Frequency        |   | Reporting Requirements |                        |                       |                         |        |           |
| Code   | Description | Code                        | Description   | Code                   | Description            |                       |                         |        |           |
|  |             | 14                          | As required   | 14                     | Semi-Annually          |                       |                         |        |           |





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Application ID: 128200094700002

Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

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**Section III - Facility Information  
Facility Compliance Certification**

| Rule Citation  |       |      |          |         |              |       |           |        |            |      |
|--|-------|------|----------|---------|--------------|-------|-----------|--------|------------|------|
| Title  | Type  | Part | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause | Item |
| 6  | NYCRR | 225  | 3        | 4       | a            |       |           |        |            |      |
| <input checked="" type="checkbox"/> Applicable Federal Requirement |       |      |          |         |              |       |           |        |            |      |

**Description**

The owner or operator of this facility from which gasoline, subject to this Subpart, is distributed must maintain records on the gasoline that is delivered to or distributed from such facilities. These records shall include:

- (1) The RVP of the gasoline if subject to section 225-3.3 of this Subpart.
- (2) A designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
- (3) Written certification that the gasoline:
  - (i) conforms with all RVP and oxygen content requirements of this Subpart; and
  - (ii) is in compliance with all applicable State and Federal regulations which apply during the time period(s) specified pursuant to paragraph (3) of this subdivision.

Persons subject to the above recordkeeping requirements shall provide the following records with gasoline which is distributed from facilities:

- (1) A copy of the certification produced for item 3 above.
- (2) Documentation of the maximum RVP of the gasoline if the gasoline was subject to section 225-3.3 of this Subpart.
- (3) Designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
- (4) Documentation of the shipment quantity and the shipment date of the gasoline being distributed.

Persons required to maintain the records listed above must make the records available for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed, to the commissioner or his or her representative and must furnish copies of these records to the commissioner or his or her representative upon request. Such persons shall maintain all records and documentation required to be made or maintained in accordance with this section, including any calculations performed, for at least two years (five years for a Title V facility) from date of delivery.

| Monitoring Information  |             |                  |  |  |                             |
|---|-------------|------------------|--|--|-----------------------------|
| <input checked="" type="checkbox"/> RECORD KEEPING/MAINTENANCE PROCEDURES |             |                  |  |  |                             |
| Work Practice   |             | Process Material |  |  | Ref Test Method             |
| Type  | Code        | Description      |  |  |                             |
|   |             |                  |  |  |                             |
|   |             | Parameter        |  |  | Manufacturer Name/Model No. |
| Code  | Description |                  |  |  |                             |
|   |             |                  |  |  |                             |
| Limit   |             | Limit Units      |  |  |                             |
| Upper   | Lower       | Code             | Description  |  |                             |
|   |             |                  |  |  |                             |
| Averaging Method  | Code        | Desc             |  |  |                             |
| Monitoring Freq   | Code        | 14               | Desc AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |  |                             |
| Reporting Reqs  | Code        | 14               | Desc SEMI-ANNUALLY (CALENDAR)                        |  |                             |

**Facility Emissions Summary**

| Cas No.     | Contaminant Name | PTE      |       | Actual (lbs/yr) |
|-------------|------------------|----------|-------|-----------------|
|             |                  | (lbs/yr) | Range |                 |
| 000092-52-4 | 1, 1 BIPHENYL    | 19800    |       |                 |



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**Section III - Facility Information**

**Facility Emissions Summary**

| Cas No.                | Contaminant Name          | PTE               |       | Actual (lbs/yr) |
|------------------------|---------------------------|-------------------|-------|-----------------|
|                        |                           | (lbs/yr)          | Range |                 |
| 000108-38-3            | 1,3 DIMETHYL BENZENE      | 19800             |       |                 |
| 000095-48-7            | 2-METHYL-PHENOL           | 19800             |       |                 |
| 000071-43-2            | BENZENE                   | 19800             |       |                 |
| 000098-82-8            | BENZENE, (1-METHYLETHYL)  | 19800             |       |                 |
| 000100-41-4            | ETHYLBENZENE              | 19800             |       |                 |
| 000110-54-3            | HEXANE                    | 19800             |       |                 |
| 001634-04-4            | METHYL TERTBUTYL ETHER    | 19800             |       |                 |
| 000091-20-3            | NAPHTHALENE               | 19800             |       |                 |
| 000540-84-1            | PENTANE, 2,2,4-TRIMETHYL- | 19800             |       |                 |
| 000108-95-2            | PHENOL                    | 19800             |       |                 |
| 000108-88-3            | TOLUENE                   | 19800             |       |                 |
| 0NY100-00-0            | TOTAL HAP                 | 49800             |       |                 |
| 0NY998-00-0            | VOC                       | 127900            |       |                 |
| <del>0NY998-00-0</del> | <del>VOC</del>            | <del>412960</del> |       |                 |



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**Section IV - Emission Unit Information**

**Emission Unit Description**

|                      |        |
|----------------------|--------|
| <b>Emission Unit</b> | 1RACK1 |
|----------------------|--------|

Truck loading rack with 6 bays, 3 of which are used to load distillate, 1 of which is used to load gasoline and 2 of which are used to load distillate and/or gasoline.

**Emission Point**

|                            |                         |                                    |                             |                       |                                       |                        |
|----------------------------|-------------------------|------------------------------------|-----------------------------|-----------------------|---------------------------------------|------------------------|
| <b>Emission Unit</b>       | 1RACK1                  | <b>Emission Pt.</b>                | 00001                       |                       |                                       |                        |
| <b>Ground Elev (ft)</b>    | <b>Height (ft)</b>      | <b>Height Above Structure (ft)</b> | <b>Inside Diameter (in)</b> | <b>Exit Temp (°F)</b> | <b>Cross Section</b>                  |                        |
| 10                         | 16                      | 3                                  | 12                          |                       | <b>Length (in)</b>                    | <b>Width (in)</b>      |
| <b>Exit Velocity (FPS)</b> | <b>Exit Flow (ACFM)</b> | <b>NYTM (E) (KM)</b>               | <b>NYTM (N) (KM)</b>        | <b>Building</b>       | <b>Distance to Property Line (ft)</b> | <b>Date of Removal</b> |
|                            |                         | 605.033                            | 4498.923                    |                       |                                       |                        |

**Emission Source / Control**

|                        |                             |                          |                        |                                      |                  |  |
|------------------------|-----------------------------|--------------------------|------------------------|--------------------------------------|------------------|--|
| <b>Emission Unit</b>   | 1RACK1                      | <b>Emission Source</b>   | RACK1                  |                                      |                  |  |
| <b>Source Type</b>     | <b>Date of Construction</b> | <b>Date of Operation</b> | <b>Date of Removal</b> | <b>Manufacturer's Name/Model No.</b> |                  |  |
| I                      |                             |                          |                        | gasoline/distillate oil loading rack |                  |  |
| <b>Design Capacity</b> | 650000000                   | <b>Units Code</b>        | 18                     | <b>Desc</b>                          | gallons per year |  |
| <b>Control Type</b>    | <b>Code</b>                 |                          | <b>Desc</b>            |                                      |                  |  |
| <b>Waste Feed</b>      | <b>Code</b>                 |                          | <b>Desc</b>            |                                      |                  |  |
| <b>Waste Type</b>      | <b>Code</b>                 |                          | <b>Desc</b>            |                                      |                  |  |

|                        |                             |                          |                        |  |                  |  |
|------------------------|-----------------------------|--------------------------|------------------------|--|------------------|--|
| <b>Emission Unit</b>   | 1RACK1                      | <b>Emission Source</b>   | VPORS                  |  |                  |  |
| <b>Source Type</b>     | <b>Date of Construction</b> | <b>Date of Operation</b> | <b>Date of Removal</b> | <b>Manufacturer's Name/Model No.</b>                     |                  |  |
| K                      | 05/01/1987                  |                          |                        | JOHN ZINK MODEL AA-1650-12-7                             |                  |  |
| <b>Design Capacity</b> | 600000000                   | <b>Units Code</b>        | 18                     | <b>Desc</b>  | gallons per year |  |
| <b>Control Type</b>    | <b>Code</b>                 | 047                      | <b>Desc</b>            | OR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSUF |                  |  |
| <b>Waste Feed</b>      | <b>Code</b>                 |                          | <b>Desc</b>            |  |                  |  |
| <b>Waste Type</b>      | <b>Code</b>                 |                          | <b>Desc</b>            |  |                  |  |



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**Section IV - Emission Unit Information**

**Process Information**

|   |                    |               |          |                        |  |
|---|--------------------|---------------|----------|------------------------|--|
| Emission Unit   | 1RACK1             | Process       | RDS      |                        |  |
| Source Classification Code (SCC)                            | Total Thruput      |               |          | Thruput Quantity Units |  |
|   | Quantity / Hr      | Quantity / Yr | Code     | Description            |  |
| 40400250  |                    |               |          |                        |  |
| <input type="checkbox"/> Confidential                       | Operating Schedule |               | Building | Floor / Location       |  |
| <input type="checkbox"/> Operating At Maximum Capacity      | Hrs / Day          | Days / Yr     |          |                        |  |
| <input type="checkbox"/> Activity w/ Insignificant Emission |                    |               |          | LOADING AREA           |  |

**Description**

Tank trucks are top loaded with distillate at 3 bays, and bottom loaded with distillate in 2 bays. Two distillate bottom loading bays also are used to bottom load gasoline (process RGS). Note that gasoline vapors from tank trucks that are bottom loaded with distillate are sent to the vapor recovery system.

|   |       |
|---|-------|
| Emission Point Identifier(s)            |       |
| Emission Source / Control Identifier(s) |       |
| RACK1                                   | VPORS |

|   |                    |               |          |                        |  |
|---|--------------------|---------------|----------|------------------------|--|
| Emission Unit   | 1RACK1             | Process       | RGS      |                        |  |
| Source Classification Code (SCC)                            | Total Thruput      |               |          | Thruput Quantity Units |  |
|   | Quantity / Hr      | Quantity / Yr | Code     | Description            |  |
| 40400250  |                    |               |          |                        |  |
| <input type="checkbox"/> Confidential                       | Operating Schedule |               | Building | Floor / Location       |  |
| <input type="checkbox"/> Operating At Maximum Capacity      | Hrs / Day          | Days / Yr     |          |                        |  |
| <input type="checkbox"/> Activity w/ Insignificant Emission |                    |               |          | LOADING AREA           |  |

**Description**

Gasoline trucks are bottom loaded at 3 bays. Note that two of the bays may be used for bottom loading tank trucks with distillate (process RDS). Gasoline vapors are collected and are sent to the vapor reduction system.

|   |       |
|---|-------|
| Emission Point Identifier(s)            |       |
| Emission Source / Control Identifier(s) |       |
| RACK1                                   | VPORS |



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**Section IV - Emission Unit Information**

**Process Information**

|  |                    |               |          |                        |  |  |
|--|--------------------|---------------|----------|------------------------|--|--|
| Emission Unit  | 1RACK1             | Process       | TTV      |                        |  |  |
| Source Classification Code (SCC)                                       | Total Thruput      |               |          | Thruput Quantity Units |  |  |
|  | Quantity / Hr      | Quantity / Yr | Code     | Description            |  |  |
| 40400154   |                    |               |          |                        |  |  |
| <input type="checkbox"/> Confidential                                  | Operating Schedule |               | Building | Floor / Location       |  |  |
| <input type="checkbox"/> Operating At Maximum Capacity                 | Hrs / Day          | Days / Yr     |          |                        |  |  |
| <input checked="" type="checkbox"/> Activity w/ Insignificant Emission |                    |               |          | LOADING AREA           |  |  |

**Description**

Fugitive emissions from leaks from tank trucks during loading.

|   |
|---|
| Emission Point Identifier(s)            |
| Emission Source / Control Identifier(s) |

RACK1 VPORS

|  |                    |               |          |                        |  |  |
|--|--------------------|---------------|----------|------------------------|--|--|
| Emission Unit  | 1RACK1             | Process       | VRU      |                        |  |  |
| Source Classification Code (SCC)                                       | Total Thruput      |               |          | Thruput Quantity Units |  |  |
|  | Quantity / Hr      | Quantity / Yr | Code     | Description            |  |  |
| 40400152   |                    |               |          |                        |  |  |
| <input type="checkbox"/> Confidential                                  | Operating Schedule |               | Building | Floor / Location       |  |  |
| <input type="checkbox"/> Operating At Maximum Capacity                 | Hrs / Day          | Days / Yr     |          |                        |  |  |
| <input checked="" type="checkbox"/> Activity w/ Insignificant Emission |                    |               |          | LOADING AREA           |  |  |

**Description**

Fugitive emissions from losses from the vapor recovery unit.

|   |
|---|
| Emission Point Identifier(s)            |
| Emission Source / Control Identifier(s) |

RACK1 VPORS

**Emission Unit Applicable Federal Requirements**

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | Process | Emission Source |        |            |      |
|---------------|---------|------|----------------|---------|--------------|---------|-----------------|--------|------------|------|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag   | Sub Parag       | Clause | Sub Clause | Item |

|    |     |    |        |       |  |  |  |  |  |  |
|----|-----|----|--------|-------|--|--|--|--|--|--|
| 40 | CFR | 63 | BBBBBB | 11088 |  |  |  |  |  |  |
|----|-----|----|--------|-------|--|--|--|--|--|--|

|    |     |    |        |       |   |  |  |  |  |  |
|----|-----|----|--------|-------|---|--|--|--|--|--|
| 40 | CFR | 63 | BBBBBB | 11092 | a |  |  |  |  |  |
|----|-----|----|--------|-------|---|--|--|--|--|--|

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | Process | RDS       | Emission Source |            |      |  |
|---------------|---------|------|----------------|---------|--------------|---------|-----------|-----------------|------------|------|--|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag   | Sub Parag | Clause          | Sub Clause | Item |  |

|   |       |     |  |    |   |   |  |  |  |  |
|---|-------|-----|--|----|---|---|--|--|--|--|
| 6 | NYCRR | 212 |  | 10 | c | 1 |  |  |  |  |
|---|-------|-----|--|----|---|---|--|--|--|--|



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**Section IV - Emission Unit Information**

**Emission Unit Applicable Federal Requirements**

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | Process | RDS       | Emission Source |            | RACK1 |
|---------------|---------|------|----------------|---------|--------------|---------|-----------|-----------------|------------|-------|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag   | Sub Parag | Clause          | Sub Clause | Item  |
| 6             | NYCRR   | 212  |                | 10      | c            | 1       |           |                 |            |       |

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | Process | RGS       | Emission Source |            |      |
|---------------|---------|------|----------------|---------|--------------|---------|-----------|-----------------|------------|------|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag   | Sub Parag | Clause          | Sub Clause | Item |
| 6             | NYCRR   | 201  | 7              | 1       | a            |         |           |                 |            |      |

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | Process | RGS       | Emission Source |            | RACK1 |
|---------------|---------|------|----------------|---------|--------------|---------|-----------|-----------------|------------|-------|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag   | Sub Parag | Clause          | Sub Clause | Item  |
| 40            | CFR     | 60   | XX             | 505     | b            |         |           |                 |            |       |
| 40            | CFR     | 60   | XX             | 505     | c            |         |           |                 |            |       |

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | 00001 | Process   | RDS    | Emission Source |      |  |
|---------------|---------|------|----------------|---------|--------------|-------|-----------|--------|-----------------|------|--|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause      | Item |  |
| 6             | NYCRR   | 201  | 7              | 1       | a            |       |           |        |                 |      |  |

| Emission Unit | 1-RACK1 |      | Emission Point |         |              | 00001 | Process   | RGS    | Emission Source |      |  |
|---------------|---------|------|----------------|---------|--------------|-------|-----------|--------|-----------------|------|--|
| Title         | Type    | Part | Sub Part       | Section | Sub Division | Parag | Sub Parag | Clause | Sub Clause      | Item |  |
| 6             | NYCRR   | 201  | 7              | 1       | a            |       |           |        |                 |      |  |

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Section IV - Emission Unit Information

| Emission Unit | Emission Point | Process | Emission Source | Emission Unit Applicable Federal Requirements (continuation) |      |      |         |         |         |        |           |        |        |  |
|---------------|----------------|---------|-----------------|--|------|------|---------|---------|---------|--------|-----------|--------|--------|--|
|               |                |         |                 | Title  | Type | Part | Subpart | Section | Subdiv. | Parag. | Subparag. | Clause | Subcl. |  |
| 1-RACK1       |                | RGS     | RACK1           | 40   | CFR  | 60   | XX      | 505     |         | f      |           |        |        |  |
| 1-RACK1       |                | RGS     | VPORS           | 40   | CFR  | 64   |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |
|               |                |         |                 |  |      |      |         |         |         |        |           |        |        |  |



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**Section IV - Emission Unit Information**

**Emission Unit Compliance Certification**

|  |         |                |          |         |              |                 |           |        |            |      |
|--|---------|----------------|----------|---------|--------------|-----------------|-----------|--------|------------|------|
| Emission Unit  | 1-RACK1 | Emission Point |          | Process | RGS          | Emission Source | RACK1     |        |            |      |
| <b>Rule Citation</b>   |         |                |          |         |              |                 |           |        |            |      |
| Title  | Type    | Part           | Sub Part | Section | Sub Division | Parag           | Sub Parag | Clause | Sub Clause | Item |
| 40   | CFR     | 60             | XX       | 505     | f            |                 |           |        |            |      |
| <input checked="" type="checkbox"/> Applicable Federal Requirement |         |                |          |         |              |                 |           |        |            |      |

**Description**

Records of all replacements or additions of components performed on an existing vapor processing system shall be kept for at least 3 years. However if this facility is subject to Title V requirements, the records shall be kept for at least 5 years.

**Contaminants**

|                          |             |                  |
|--------------------------|-------------|------------------|
| Capping                  | CAS No.     | Contaminant Name |
| <input type="checkbox"/> | ONY998-00-0 | VOC              |

**Monitoring Information**

|   |             |                         |  |                        |
|---|-------------|-------------------------|--|------------------------|
| <input checked="" type="checkbox"/> RECORD KEEPING/MAINTENANCE PROCEDURES |             |                         |  |                        |
| <b>Work Practice</b>  |             | <b>Process Material</b> |  | <b>Ref Test Method</b> |
| Type  | Code        | Description             |  |                        |
|   |             |                         |  |                        |
| <b>Parameter</b>  |             |                         | <b>Manufacturer Name/Model No.</b>                   |                        |
| Code  | Description |                         |  |                        |
|   |             |                         |  |                        |
| <b>Limit</b>  |             | <b>Limit Units</b>      |  |                        |
| Upper   | Lower       | Code                    | Description  |                        |
|   |             |                         |  |                        |
| <b>Averaging Method</b>   | <b>Code</b> | <b>Desc</b>             |  |                        |
| Monitoring Freq   | Code        | 14                      | Desc AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |                        |
| Reporting Reqs  | Code        | 14                      | Desc SEMI-ANNUALLY (CALENDAR)                        |                        |





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### Section IV - Emission Unit Information

#### Emission Unit Compliance Certification

| Emission Unit  | 1-RACK1 | Emission Point |          | Process |              | RGS   |           | Emission Source |            | VPORS |  |
|--|---------|----------------|----------|---------|--------------|-------|-----------|-----------------|------------|-------|--|
| <b>Rule Citation</b>   |         |                |          |         |              |       |           |                 |            |       |  |
| Title  | Type    | Part           | Sub Part | Section | Sub Division | Parag | Sub Parag | Clause          | Sub Clause | Item  |  |
| 40   | CFR     | 64             |          |         |              |       |           |                 |            |       |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement |         |                |          |         |              |       |           |                 |            |       |  |

#### Description

The following is the compliance assurance monitoring (CAM) plan for the vapor recovery unit or VRU :

**INDICATOR 1: CARBON BED TEMPERATURE VRU MEASUREMENT APPROACH:**

Bed temperature measured continuously via probe inserted directly in bed. Signal from probe directed to external thermocouple.

**INDICATOR RANGE: < 150 F**

If temperature > 150 F for two consecutive 30 minute bed regeneration cycles or > 200 F for a single cycle, corrective action is to be taken.

**DATA REPRESENTATIVENESS:** Temperature probe placed directly in carbon bed. Rise in bed temperature indicative of poor performance or reduced VOC adsorption capacity.

**QA/QA PRACTICES and CRITERIA:** Thermometer temperature calibrations performed annually. Accuracy of the thermometer will be determined against known standards

Preventative maintenance of VRU performed at a minimum on a semiannual basis by a certified subcontractor. Facility staff are to perform daily checks to verify operational status of VRU and adherence to system performance criteria.

Compliance testing of VRU emissions on a once/5 year cycle.

Compliance testing will include demonstration that VOC emissions are below permit limit (<10 mg VOC/liter of product loaded)

**MONITORING FREQUENCY and DATA COLLECTION PROCEDURE:**

Readings are to be collected on a daily basis by direct reading of carbon bed temperature gauge. Readings are recorded as the nearest 5 degree F increment (+/- 5 F). Duration of reading should be at least one loading cycle of each carbon bed, approximately 30 minutes. Data is recorded and reported on a daily basis. If the reading exceeds the indicator threshold value of 150 F a second reading will be collected during the course of the next 30-minute bed loading cycle. If the second reading is above the threshold value, corrective action is taken.

**INDICATOR 2: CARBON REGENERATION CYCLE VACUUM PRESSURE MEASUREMENT APPROACH:**

Carbon bed when not in use collecting VOC is in regeneration cycle. Regeneration performed with bed under vacuum in combination with air purge. Pressure gauge in line measures pressure in inches of Hg and verifies that bed is under vacuum and regeneration in progress.

**INDICATOR RANGE:** Vacuum during regeneration > 25" Hg sustained. If the vacuum is not sustained for an entire cycle, corrective action is warranted

**DATA REPRESENTATIVENESS:** Pressure or vacuum gauge placed in line such that it measures vacuum placed on carbon bed directly. If vacuum placed on carbon bed is not adequate that VOC may not be recovered and carbon bed not adequately regenerated. If not regenerated properly bed will have reduced capacity for sorption of volatile organics.

**QA/QC PRACTICES and CRITERIA:** VRU preventative maintenance inspections performed on a quarterly basis by a certified subcontractor to determine that the duration of vacuum is adequate for thorough bed regeneration. Pressure gauge calibrations performed annually.

Facility staff are to conduct daily checks to verify operational status of VRU and adherence to system performance criteria.

Compliance testing of VRU emissions on a once/5 year cycle. Compliance testing includes demonstration that VOC emissions are below permit limit (<10 mg VOC/liter of product loaded)

**MONITORING FREQUENCY and DATA COLLECTION PROCEDURE:**

Readings collected on a daily basis by direct reading of vacuum gauge. Duration of reading at least one regeneration cycle of each bed, approximately 30 minutes. Data recorded and reported on a daily basis. If the pressure reading is below the indicator threshold value of 25 inches Hg, a second reading will be collected during the course of the next 30-minute bed loading cycle. If the second reading is above the threshold value corrective action is taken.

A monitoring report must be submitted semiannually which summarizes the number, duration, and cause of exceedances and corrective actions taken. These records are to be maintained for a period of five years.



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**Section IV - Emission Unit Information**

**Emission Unit Compliance Certification**

| Monitoring Information  |             |                  |  |                 |
|---|-------------|------------------|--|-----------------|
| <input checked="" type="checkbox"/> RECORD KEEPING/MAINTENANCE PROCEDURES |             |                  |  |                 |
| Work Practice   |             | Process Material |  | Ref Test Method |
| Type  | Code        | Description      |  |                 |
|   |             |                  |  |                 |
| Parameter   |             |                  | Manufacturer Name/Model No.                          |                 |
| Code  | Description |                  |  |                 |
|   |             |                  |  |                 |
| Limit   |             | Limit Units      |  |                 |
| Upper   | Lower       | Code             | Description  |                 |
|   |             |                  |  |                 |
| Averaging Method  | Code        | Desc             |  |                 |
| Monitoring Freq   | Code        | 14               | Desc AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION |                 |
| Reporting Reqs  | Code        | 14               | Desc SEMI-ANNUALLY (CALENDAR)                        |                 |

**Emission Unit Emissions Summary**

| Emission Unit | 1-RACK1     |                  |                |                |  |
|---------------|-------------|------------------|----------------|----------------|--|
| CAS No.       | 0NY998-00-0 | Contaminant Name |                |                |  |
|               |             | VOC              |                |                |  |
| ERP (lb/yr)   | PTE (lb/hr) | PTE (lb/yr)      | Actual (lb/hr) | Actual (lb/yr) |  |
| 3696000       | 13.4        | 70427            |                |                |  |

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Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)  |                |                             |                      |             |  |                        |               |                                  |           |  |
|--|----------------|-----------------------------|----------------------|-------------|--|------------------------|---------------|----------------------------------|-----------|--|
| Rule Citation  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Title  | Type           | Part                        | Subpart              | Section     | Subdivision  | Paragraph              | Subparagraph  | Clause                           | Subclause |  |
| 40   | CFR            | 60                          | XX                   | 505         | b  |                        |               |                                  |           |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement   |                |                             |                      |             | <input type="checkbox"/> State Only Requirement  |                        |               | <input type="checkbox"/> Capping |           |  |
| Emission Unit  | Emission Point | Process                     | Emission Source      | CAS No.     | Contaminant Name   |                        |               |                                  |           |  |
| 1-RACK1  |                | RGS                         | RACK1                | 0NY998-00-0 | VOC  |                        |               |                                  |           |  |
| Monitoring Information   |                |                             |                      |             |  |                        |               |                                  |           |  |
| <input type="checkbox"/> Continuous Emission Monitoring  |                |                             |                      |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |                        |               |                                  |           |  |
| <input type="checkbox"/> Intermittent Emission Testing   |                |                             |                      |             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |                        |               |                                  |           |  |
| <input type="checkbox"/> Ambient Air Monitoring  |                |                             |                      |             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |                        |               |                                  |           |  |
| Description  |                |                             |                      |             |  |                        |               |                                  |           |  |
| <p>Loadings of liquid product into gasoline tank trucks shall be limited to those gasoline tank trucks which have had their vapor tightness properly documented. The tank truck vapor tightness documentation shall be kept on file at the terminal in a permanent form available for inspection. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:</p> <p>(1) Test title: Gasoline Delivery Tank Pressure Test – EPA Reference Method 27.<br/>                     (2) Tank owner and address.<br/>                     (3) Tank identification number.<br/>                     (4) Testing location.<br/>                     (5) Date of test.<br/>                     (6) Tester name and signature.<br/>                     (7) Witnessing inspector, if any: Name, signature, and affiliation.<br/>                     (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).</p> |                |                             |                      |             |  |                        |               |                                  |           |  |
| Work Practice  |                | Process Material            |                      |             |  | Reference Test Method  |               |                                  |           |  |
| Type   | Code           | Description                 |                      |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Parameter  |                | Manufacturer Name/Model No. |                      |             |  |                        |               |                                  |           |  |
| Code   | Description    |                             |                      |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Limit  |                |                             | Limit Units          |             |  |                        |               |                                  |           |  |
| Upper  | Lower          | Code                        | Description          |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Averaging Method   |                |                             | Monitoring Frequency |             |  | Reporting Requirements |               |                                  |           |  |
| Code   | Description    |                             | Code                 | Description |  | Code                   | Description   |                                  |           |  |
|  |                |                             | 14                   | As Required |  | 14                     | Semi-Annually |                                  |           |  |

Continuation Sheet \_\_\_ of \_\_\_

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Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)   |                |                             |                      |             |  |                        |               |                                  |           |  |
|---|----------------|-----------------------------|----------------------|-------------|--|------------------------|---------------|----------------------------------|-----------|--|
| Rule Citation   |                |                             |                      |             |  |                        |               |                                  |           |  |
| Title   | Type           | Part                        | Subpart              | Section     | Subdivision  | Paragraph              | Subparagraph  | Clause                           | Subclause |  |
| 40  | CFR            | 60                          | XX                   | 505         | b  |                        |               |                                  |           |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement  |                |                             |                      |             | <input type="checkbox"/> State Only Requirement  |                        |               | <input type="checkbox"/> Capping |           |  |
| Emission Unit   | Emission Point | Process                     | Emission Source      | CAS No.     | Contaminant Name   |                        |               |                                  |           |  |
| 1-RACK1   |                | RGS                         | RACK1                | 0NY998-00-0 | VOC  |                        |               |                                  |           |  |
| Monitoring Information  |                |                             |                      |             |  |                        |               |                                  |           |  |
| <input type="checkbox"/> Continuous Emission Monitoring   |                |                             |                      |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |                        |               |                                  |           |  |
| <input type="checkbox"/> Intermittent Emission Testing  |                |                             |                      |             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |                        |               |                                  |           |  |
| <input type="checkbox"/> Ambient Air Monitoring   |                |                             |                      |             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |                        |               |                                  |           |  |
| Description   |                |                             |                      |             |  |                        |               |                                  |           |  |
| <p>[NOTE: As an alternative to keeping records at the terminal of each gasoline cargo tank test result, 40 CFR 60.505(e) the facility may comply with the requirements in either paragraph (1) or (2) below:</p> <p>(1) An electronic copy of each record is instantly available at the terminal.<br/>                     (i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.<br/>                     (ii) The department is notified in writing that the each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.</p> <p>(2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g. via a card lock-out system), a copy of the documentation is made available (e.g. via facsimile) for inspection by department representatives during the course of a site visit, or within a mutually agreeable time frame.<br/>                     (i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.<br/>                     (ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.</p> |                |                             |                      |             |  |                        |               |                                  |           |  |
| Work Practice   |                | Process Material            |                      |             | Reference Test Method  |                        |               |                                  |           |  |
| Type  | Code           | Description                 |                      |             |  |                        |               |                                  |           |  |
|   |                |                             |                      |             |  |                        |               |                                  |           |  |
| Parameter   |                | Manufacturer Name/Model No. |                      |             |  |                        |               |                                  |           |  |
| Code  | Description    |                             |                      |             |  |                        |               |                                  |           |  |
|   |                |                             |                      |             |  |                        |               |                                  |           |  |
| Limit   |                |                             | Limit Units          |             |  |                        |               |                                  |           |  |
| Upper   | Lower          | Code                        | Description          |             |  |                        |               |                                  |           |  |
|   |                |                             |                      |             |  |                        |               |                                  |           |  |
| Averaging Method  |                |                             | Monitoring Frequency |             |  | Reporting Requirements |               |                                  |           |  |
| Code  | Description    |                             | Code                 | Description |  | Code                   | Description   |                                  |           |  |
|   |                |                             | 14                   | As Required |  | 14                     | Semi-Annually |                                  |           |  |

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|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)  |                |                             |                      |             |  |                        |               |                                  |           |  |
|--|----------------|-----------------------------|----------------------|-------------|--|------------------------|---------------|----------------------------------|-----------|--|
| Rule Citation  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Title  | Type           | Part                        | Subpart              | Section     | Subdivision  | Paragraph              | Subparagraph  | Clause                           | Subclause |  |
| 40   | CFR            | 60                          | XX                   | 505         | c  |                        |               |                                  |           |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement   |                |                             |                      |             | <input type="checkbox"/> State Only Requirement  |                        |               | <input type="checkbox"/> Capping |           |  |
| Emission Unit  | Emission Point | Process                     | Emission Source      | CA# No.     | Contaminant Name   |                        |               |                                  |           |  |
| 1-RACK1  |                | RGS                         | RACK1                | 0NY998-00-0 | VOC  |                        |               |                                  |           |  |
| Monitoring Information   |                |                             |                      |             |  |                        |               |                                  |           |  |
| <input type="checkbox"/> Continuous Emission Monitoring  |                |                             |                      |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |                        |               |                                  |           |  |
| <input type="checkbox"/> Intermittent Emission Testing   |                |                             |                      |             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |                        |               |                                  |           |  |
| <input type="checkbox"/> Ambient Air Monitoring  |                |                             |                      |             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |                        |               |                                  |           |  |
| Description  |                |                             |                      |             |  |                        |               |                                  |           |  |
| <p>A required under 40 CFR 60.502(j), the vapor collection system, the vapor processing system, and all loading racks handling gasoline will require a monthly inspection during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. A record of each monthly leak inspection shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:</p> <p>(1) Date of inspection.<br/>                     (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).<br/>                     (3) Leak determination method.<br/>                     (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).<br/>                     (5) Inspector name and signature</p> |                |                             |                      |             |  |                        |               |                                  |           |  |
| Work Practice  |                | Process Material            |                      |             | Reference Test Method  |                        |               |                                  |           |  |
| Type   | Code           | Description                 |                      |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Parameter  |                | Manufacturer Name/Model No. |                      |             |  |                        |               |                                  |           |  |
| Code   | Description    |                             |                      |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Limit  |                |                             | Limit Units          |             |  |                        |               |                                  |           |  |
| Upper  | Lower          | Code                        | Description          |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Averaging Method   |                |                             | Monitoring Frequency |             |  | Reporting Requirements |               |                                  |           |  |
| Code   | Description    |                             | Code                 | Description |  | Code                   | Description   |                                  |           |  |
|  |                |                             | 14                   | As Required |  | 14                     | Semi-Annually |                                  |           |  |

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| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)   |                |                  |                      |             |  |                             |               |                                  |           |  |
|---|----------------|------------------|----------------------|-------------|--|-----------------------------|---------------|----------------------------------|-----------|--|
| Rule Citation   |                |                  |                      |             |  |                             |               |                                  |           |  |
| Title   | Type           | Part             | Subpart              | Section     | Subdivision  | Paragraph                   | Subparagraph  | Clause                           | Subclause |  |
| 40  | CFR            | 60               | XX                   | 505         | c  |                             |               |                                  |           |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement  |                |                  |                      |             | <input type="checkbox"/> State Only Requirement  |                             |               | <input type="checkbox"/> Capping |           |  |
| Emission Unit   | Emission Point | Process          | Emission Source      | CAS No.     | Contaminant Name   |                             |               |                                  |           |  |
| 1-RACK1   |                | RGS              | RACK1                | 0NY998-00-0 | VOC  |                             |               |                                  |           |  |
| Monitoring Information  |                |                  |                      |             |  |                             |               |                                  |           |  |
| <input type="checkbox"/> Continuous Emission Monitoring   |                |                  |                      |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |                             |               |                                  |           |  |
| <input type="checkbox"/> Intermittent Emission Testing  |                |                  |                      |             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |                             |               |                                  |           |  |
| <input type="checkbox"/> Ambient Air Monitoring   |                |                  |                      |             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |                             |               |                                  |           |  |
| Description   |                |                  |                      |             |  |                             |               |                                  |           |  |
| <p>[NOTE: As an alternative to keeping records at the terminal of each gasoline cargo tank test result, 40 CFR 60.505(e) the facility may comply with the requirements in either paragraph (1) or (2) below:</p> <p>(1) An electronic copy of each record is instantly available at the terminal.</p> <p>(i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.</p> <p>(ii) The department is notified in writing that the each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.</p> <p>(2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g. via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by department representatives during the course of a site visit, or within a mutually agreeable time frame.</p> <p>(i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.</p> <p>(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.]</p> |                |                  |                      |             |  |                             |               |                                  |           |  |
| Work Practice   |                | Process Material |                      |             |  | Reference Test Method       |               |                                  |           |  |
| Type  | Code           | Description      |                      |             |  |                             |               |                                  |           |  |
|   |                |                  |                      |             |  |                             |               |                                  |           |  |
|   |                | Parameter        |                      |             |  | Manufacturer Name/Model No. |               |                                  |           |  |
| Code  | Description    |                  |                      |             |  |                             |               |                                  |           |  |
|   |                |                  |                      |             |  |                             |               |                                  |           |  |
| Limit   |                |                  | Limit Units          |             |  |                             |               |                                  |           |  |
| Upper   | Lower          | Code             | Description          |             |  |                             |               |                                  |           |  |
|   |                |                  |                      |             |  |                             |               |                                  |           |  |
| Averaging Method  |                |                  | Monitoring Frequency |             |  | Reporting Requirements      |               |                                  |           |  |
| Code  | Description    |                  | Code                 | Description |  | Code                        | Description   |                                  |           |  |
|   |                |                  | 14                   | As Required |  | 14                          | Semi-Annually |                                  |           |  |

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| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)  |                |                  |  |             |   |                             |               |                                  |           |  |
|--|----------------|------------------|--|-------------|---|-----------------------------|---------------|----------------------------------|-----------|--|
| Rule Citation  |                |                  |  |             |   |                             |               |                                  |           |  |
| Title  | Type           | Part             | Subpart  | Section     | Subdivision                                     | Paragraph                   | Subparagraph  | Clause                           | Subclause |  |
| 40   | CFR            | 60               | XX   | 502         |   |                             |               |                                  |           |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement   |                |                  |  |             | <input type="checkbox"/> State Only Requirement |                             |               | <input type="checkbox"/> Capping |           |  |
| Emission Unit  | Emission Point | Process          | Emission Source  | GAS No.     | Contaminant Name                                |                             |               |                                  |           |  |
| 1-RACK1  |                | RGS              | RACK1  | 0NY998-00-0 | VOC   |                             |               |                                  |           |  |
| Monitoring Information   |                |                  |  |             |   |                             |               |                                  |           |  |
| <input type="checkbox"/> Continuous Emission Monitoring  |                |                  | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |             |   |                             |               |                                  |           |  |
| <input type="checkbox"/> Intermittent Emission Testing   |                |                  | <input type="checkbox"/> Work Practice Involving Specific Operations                       |             |   |                             |               |                                  |           |  |
| <input type="checkbox"/> Ambient Air Monitoring  |                |                  | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |             |   |                             |               |                                  |           |  |
| Description  |                |                  |  |             |   |                             |               |                                  |           |  |
| <p>This facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading. The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks should not exceed the limit expressed elsewhere in this permit. The vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack. In addition, the following requirements shall apply: (CONT.)</p> |                |                  |  |             |   |                             |               |                                  |           |  |
| Work Practice  |                | Process Material |  |             |   | Reference Test Method       |               |                                  |           |  |
| Type   | Code           | Description      |  |             |   |                             |               |                                  |           |  |
|  |                |                  |  |             |   |                             |               |                                  |           |  |
|  |                | Parameter        |  |             |   | Manufacturer Name/Model No. |               |                                  |           |  |
| Code   | Description    |                  |  |             |   |                             |               |                                  |           |  |
|  |                |                  |  |             |   |                             |               |                                  |           |  |
| Limit  |                |                  | Limit Units  |             |   |                             |               |                                  |           |  |
| Upper  | Lower          | Code             | Description  |             |   |                             |               |                                  |           |  |
|  |                |                  |  |             |   |                             |               |                                  |           |  |
| Averaging Method   |                |                  | Monitoring Frequency   |             |   | Reporting Requirements      |               |                                  |           |  |
| Code   | Description    |                  | Code   | Description |   | Code                        | Description   |                                  |           |  |
|  |                |                  | 14   | As Required |   | 14                          | Semi-Annually |                                  |           |  |

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New York State Department of Environmental Conservation  
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Department of Environmental Conservation

| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
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| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)  |                |                             |  |             |   |                        |               |                                  |           |  |  |
|--|----------------|-----------------------------|--|-------------|---|------------------------|---------------|----------------------------------|-----------|--|--|
| Rule Citation  |                |                             |  |             |   |                        |               |                                  |           |  |  |
| Title  | Type           | Part                        | Subpart  | Section     | Subdivision                                     | Paragraph              | Subparagraph  | Clause                           | Subclause |  |  |
| 40   | CFR            | 60                          | XX   | 502         |   |                        |               |                                  |           |  |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement   |                |                             |  |             | <input type="checkbox"/> State Only Requirement |                        |               | <input type="checkbox"/> Capping |           |  |  |
| Emission Unit  | Emission Point | Process                     | Emission Source  | CAS No.     | Contaminant Name                                |                        |               |                                  |           |  |  |
| 1-RACK1  |                | RGS                         | RACK1  | 0NY998-00-0 | VOC   |                        |               |                                  |           |  |  |
| Monitoring Information   |                |                             |  |             |   |                        |               |                                  |           |  |  |
| <input type="checkbox"/> Continuous Emission Monitoring  |                |                             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |             |   |                        |               |                                  |           |  |  |
| <input type="checkbox"/> Intermittent Emission Testing   |                |                             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |             |   |                        |               |                                  |           |  |  |
| <input type="checkbox"/> Ambient Air Monitoring  |                |                             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |             |   |                        |               |                                  |           |  |  |
| Description  |                |                             |  |             |   |                        |               |                                  |           |  |  |
| <p>1. Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:<br/>                     The owner or operator shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility. The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.<br/>                     The owner or operator shall cross-check each tank identification number with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:<br/>                     (A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or<br/>                     (B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.</p> <p>If either the quarterly or semiannual cross-check reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met. The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check. The terminal owner or operator shall take steps assuring that the non-vapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained. Alternate procedures to those described above for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Department.</p> |                |                             |  |             |   |                        |               |                                  |           |  |  |
| Work Practice  |                | Process Material            |  |             |   | Reference Test Method  |               |                                  |           |  |  |
| Type   | Code           | Description                 |  |             |   |                        |               |                                  |           |  |  |
|  |                |                             |  |             |   |                        |               |                                  |           |  |  |
| Parameter  |                | Manufacturer Name/Model No. |  |             |   |                        |               |                                  |           |  |  |
| Code   | Description    |                             |  |             |   |                        |               |                                  |           |  |  |
|  |                |                             |  |             |   |                        |               |                                  |           |  |  |
| Limit  |                |                             | Limit Units  |             |   |                        |               |                                  |           |  |  |
| Upper  | Lower          | Code                        | Description  |             |   |                        |               |                                  |           |  |  |
|  |                |                             |  |             |   |                        |               |                                  |           |  |  |
| Averaging Method   |                |                             | Monitoring Frequency   |             |   | Reporting Requirements |               |                                  |           |  |  |
| Code   | Description    |                             | Code   | Description |   | Code                   | Description   |                                  |           |  |  |
|  |                |                             | 14   | As Required |   | 14                     | Semi-Annually |                                  |           |  |  |

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| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

Section IV - Emission Unit Information

| Emission Unit Compliance Certification (continuation)  |                |                             |                      |             |  |                        |               |                                  |           |  |
|--|----------------|-----------------------------|----------------------|-------------|--|------------------------|---------------|----------------------------------|-----------|--|
| Rule Citation  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Title  | Type           | Part                        | Subpart              | Section     | Subdivision  | Paragraph              | Subparagraph  | Clause                           | Subclause |  |
| 40   | CFR            | 60                          | XX                   | 502         |  |                        |               |                                  |           |  |
| <input checked="" type="checkbox"/> Applicable Federal Requirement   |                |                             |                      |             | <input type="checkbox"/> State Only Requirement  |                        |               | <input type="checkbox"/> Capping |           |  |
| Emission Unit  | Emission Point | Process                     | Emission Source      | CAS No.     | Contaminant Name   |                        |               |                                  |           |  |
| 1-RACK1  |                | RGS                         | RACK1                | 0NY998-00-0 | VOC  |                        |               |                                  |           |  |
| Monitoring Information   |                |                             |                      |             |  |                        |               |                                  |           |  |
| <input type="checkbox"/> Continuous Emission Monitoring  |                |                             |                      |             | <input type="checkbox"/> Monitoring of Process or Control Device Parameters as a Surrogate |                        |               |                                  |           |  |
| <input type="checkbox"/> Intermittent Emission Testing   |                |                             |                      |             | <input type="checkbox"/> Work Practice Involving Specific Operations                       |                        |               |                                  |           |  |
| <input type="checkbox"/> Ambient Air Monitoring  |                |                             |                      |             | <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures                  |                        |               |                                  |           |  |
| Description  |                |                             |                      |             |  |                        |               |                                  |           |  |
| <p>2. The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.</p> <p>3. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).</p> <p>4. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450mm of water).</p> <p>5. The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.</p> <p>6. Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.</p> <p>Documentation of all notifications under 502(e)(4) shall be kept on file at the terminal for 2 years. If the facility is subject to Title V requirements this documentation along with any other recordkeeping specified in this condition shall be kept for a minimum of five years.</p> |                |                             |                      |             |  |                        |               |                                  |           |  |
| Work Practice  |                | Process Material            |                      |             |  | Reference Test Method  |               |                                  |           |  |
| Type   | Code           | Description                 |                      |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Parameter  |                | Manufacturer Name/Model No. |                      |             |  |                        |               |                                  |           |  |
| Code   | Description    |                             |                      |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Limit  |                |                             | Limit Units          |             |  |                        |               |                                  |           |  |
| Upper  | Lower          | Code                        | Description          |             |  |                        |               |                                  |           |  |
|  |                |                             |                      |             |  |                        |               |                                  |           |  |
| Averaging Method   |                |                             | Monitoring Frequency |             |  | Reporting Requirements |               |                                  |           |  |
| Code   | Description    |                             | Code                 | Description |  | Code                   | Description   |                                  |           |  |
|  |                |                             | 14                   | As Required |  | 14                     | Semi-Annually |                                  |           |  |



**Section IV - Emission Unit Information**

**Emission Unit Description**

|                      |        |
|----------------------|--------|
| <b>Emission Unit</b> | 1TANKS |
|----------------------|--------|

Six (6) storage tanks of different volumes containing gasoline or petroleum hydrocarbons with a maximum vapor pressure of 12.0 psia @ 70 F. Each tank has a fixed roof with internal floating roof. Only 5 tanks will be in gasoline or vol service at a time.

**Emission Point**

| Emission Unit       | 1TANKS           | Emission Pt.  | 00004         | Exit Temp (°F) | Cross Section    |             |                             |                      |                                |                 |
|---------------------|------------------|---------------|---------------|----------------|------------------|-------------|-----------------------------|----------------------|--------------------------------|-----------------|
|                     |                  |               |               |                | Ground Elev (ft) | Height (ft) | Height Above Structure (ft) | Inside Diameter (in) | Length (in)                    | Width (in)      |
|                     |                  |               |               |                | 18               | 40          | 0                           | 1200                 |                                |                 |
| Exit Velocity (FPS) | Exit Flow (ACFM) | NYTM (E) (KM) | NYTM (N) (KM) | Building       |                  |             | 605.033                     | 4498.923             | Distance to Property Line (ft) | Date of Removal |

| Emission Unit       | 1TANKS           | Emission Pt.  | 00005         | Exit Temp (°F) | Cross Section    |             |                             |                      |                                |                 |
|---------------------|------------------|---------------|---------------|----------------|------------------|-------------|-----------------------------|----------------------|--------------------------------|-----------------|
|                     |                  |               |               |                | Ground Elev (ft) | Height (ft) | Height Above Structure (ft) | Inside Diameter (in) | Length (in)                    | Width (in)      |
|                     |                  |               |               |                | 18               | 40          | 0                           | 900                  |                                |                 |
| Exit Velocity (FPS) | Exit Flow (ACFM) | NYTM (E) (KM) | NYTM (N) (KM) | Building       |                  |             | 605.033                     | 4498.923             | Distance to Property Line (ft) | Date of Removal |

| Emission Unit       | 1TANKS           | Emission Pt.  | 00006         | Exit Temp (°F) | Cross Section    |             |                             |                      |                                |                 |
|---------------------|------------------|---------------|---------------|----------------|------------------|-------------|-----------------------------|----------------------|--------------------------------|-----------------|
|                     |                  |               |               |                | Ground Elev (ft) | Height (ft) | Height Above Structure (ft) | Inside Diameter (in) | Length (in)                    | Width (in)      |
|                     |                  |               |               |                | 18               | 40          | 0                           | 600                  |                                |                 |
| Exit Velocity (FPS) | Exit Flow (ACFM) | NYTM (E) (KM) | NYTM (N) (KM) | Building       |                  |             | 605.033                     | 4498.923             | Distance to Property Line (ft) | Date of Removal |

| Emission Unit       | 1TANKS           | Emission Pt.  | 00007         | Exit Temp (°F) | Cross Section    |             |                             |                      |                                |                 |
|---------------------|------------------|---------------|---------------|----------------|------------------|-------------|-----------------------------|----------------------|--------------------------------|-----------------|
|                     |                  |               |               |                | Ground Elev (ft) | Height (ft) | Height Above Structure (ft) | Inside Diameter (in) | Length (in)                    | Width (in)      |
|                     |                  |               |               |                | 18               | 40          | 0                           | 660                  |                                |                 |
| Exit Velocity (FPS) | Exit Flow (ACFM) | NYTM (E) (KM) | NYTM (N) (KM) | Building       |                  |             | 605.033                     | 4498.923             | Distance to Property Line (ft) | Date of Removal |

| Emission Unit       | 1TANKS           | Emission Pt.  | 00008         | Exit Temp (°F) | Cross Section    |             |                             |                      |                                |                 |
|---------------------|------------------|---------------|---------------|----------------|------------------|-------------|-----------------------------|----------------------|--------------------------------|-----------------|
|                     |                  |               |               |                | Ground Elev (ft) | Height (ft) | Height Above Structure (ft) | Inside Diameter (in) | Length (in)                    | Width (in)      |
|                     |                  |               |               |                | 18               | 40          | 0                           | 720                  |                                |                 |
| Exit Velocity (FPS) | Exit Flow (ACFM) | NYTM (E) (KM) | NYTM (N) (KM) | Building       |                  |             | 605.033                     | 4498.923             | Distance to Property Line (ft) | Date of Removal |



DEC ID: 1282000947

Application ID: 128200094700002

Renewal Number: 3

Facility: GLOBAL COMPANIES LLC - INWOOD TERMINAL

Feb 17, 2016 12:01 pm

**Section IV - Emission Unit Information**

**Emission Point**

|                     |                  |                             |                      |                |                                |                 |
|---------------------|------------------|-----------------------------|----------------------|----------------|--------------------------------|-----------------|
| Emission Unit       | 1TANKS           | Emission Pt.                | 00010                |                |                                |                 |
| Ground Elev (ft)    | Height (ft)      | Height Above Structure (ft) | Inside Diameter (in) | Exit Temp (°F) | Cross Section                  |                 |
| 18                  | 44               | 0                           | 1500                 |                | Length (in)                    | Width (in)      |
| Exit Velocity (FPS) | Exit Flow (ACFM) | NYTM (E) (KM)               | NYTM (N) (KM)        | Building       | Distance to Property Line (ft) | Date of Removal |
|                     |                  | 605.033                     | 4498.923             |                |                                |                 |

**Emission Source / Control**

|                 |                      |                   |                 |                               |  |  |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|--|--|
| Emission Unit   | 1TANKS               | Emission Source   | FLRFS           |                               |  |  |
| Source Type     | Date of Construction | Date of Operation | Date of Removal | Manufacturer's Name/Model No. |  |  |
| K               |                      |                   |                 | INTERNAL ROFS-ALL GAS TANKS   |  |  |
| Design Capacity |                      | Units Code        |                 | Desc                          |  |  |
| Control Type    | Code                 | 091               | Desc            | FLOATING ROOF                 |  |  |
| Waste Feed      | Code                 |                   | Desc            |                               |  |  |
| Waste Type      | Code                 |                   | Desc            |                               |  |  |

|                 |                      |                   |                 |                               |  |  |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|--|--|
| Emission Unit   | 1TANKS               | Emission Source   | FVPMP           |                               |  |  |
| Source Type     | Date of Construction | Date of Operation | Date of Removal | Manufacturer's Name/Model No. |  |  |
| I               |                      |                   |                 | VALVES, FLANGES, PUMPS        |  |  |
| Design Capacity |                      | Units Code        |                 | Desc                          |  |  |
| Control Type    | Code                 |                   | Desc            |                               |  |  |
| Waste Feed      | Code                 |                   | Desc            |                               |  |  |
| Waste Type      | Code                 |                   | Desc            |                               |  |  |

|                 |                      |                   |                 |                               |         |  |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|---------|--|
| Emission Unit   | 1TANKS               | Emission Source   | TK004           |                               |         |  |
| Source Type     | Date of Construction | Date of Operation | Date of Removal | Manufacturer's Name/Model No. |         |  |
| I               | 01/01/2024           |                   |                 | TANK 4                        |         |  |
| Design Capacity | 2037224              | Units Code        | 15              | Desc                          | gallons |  |
| Control Type    | Code                 |                   | Desc            |                               |         |  |
| Waste Feed      | Code                 |                   | Desc            |                               |         |  |
| Waste Type      | Code                 |                   | Desc            |                               |         |  |

|                 |                      |                   |                 |                               |         |  |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|---------|--|
| Emission Unit   | 1TANKS               | Emission Source   | TK005           |                               |         |  |
| Source Type     | Date of Construction | Date of Operation | Date of Removal | Manufacturer's Name/Model No. |         |  |
| I               | 01/01/2025           |                   |                 | TANK 5                        |         |  |
| Design Capacity | 1149389              | Units Code        | 15              | Desc                          | gallons |  |
| Control Type    | Code                 |                   | Desc            |                               |         |  |
| Waste Feed      | Code                 |                   | Desc            |                               |         |  |
| Waste Type      | Code                 |                   | Desc            |                               |         |  |



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Section IV - Emission Unit Information

Emission Source / Control

| Emission Unit   | 1TANKS               | Emission Source   | TK006           | Manufacturer's Name/Model No. |         |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|---------|
| Source Type     | Date of Construction | Date of Operation | Date of Removal |                               |         |
| I               | 01/01/2027           |                   |                 | TANK 6                        |         |
| Design Capacity | 484094               | Units Code        | 15              | Desc                          | gallons |
| Control Type    | Code                 |                   | Desc            |                               |         |
| Waste Feed      | Code                 |                   | Desc            |                               |         |
| Waste Type      | Code                 |                   | Desc            |                               |         |

| Emission Unit   | 1TANKS               | Emission Source   | TK007           | Manufacturer's Name/Model No. |         |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|---------|
| Source Type     | Date of Construction | Date of Operation | Date of Removal |                               |         |
| I               | 01/01/2025           |                   |                 | TANK 7                        |         |
| Design Capacity | 602104               | Units Code        | 15              | Desc                          | gallons |
| Control Type    | Code                 |                   | Desc            |                               |         |
| Waste Feed      | Code                 |                   | Desc            |                               |         |
| Waste Type      | Code                 |                   | Desc            |                               |         |

| Emission Unit   | 1TANKS               | Emission Source   | TK008           | Manufacturer's Name/Model No. |         |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|---------|
| Source Type     | Date of Construction | Date of Operation | Date of Removal |                               |         |
| I               | 01/01/2025           |                   |                 | TANK 8                        |         |
| Design Capacity | 703930               | Units Code        | 15              | Desc                          | gallons |
| Control Type    | Code                 |                   | Desc            |                               |         |
| Waste Feed      | Code                 |                   | Desc            |                               |         |
| Waste Type      | Code                 |                   | Desc            |                               |         |

| Emission Unit   | 1TANKS               | Emission Source   | TK010           | Manufacturer's Name/Model No. |         |
|-----------------|----------------------|-------------------|-----------------|-------------------------------|---------|
| Source Type     | Date of Construction | Date of Operation | Date of Removal |                               |         |
| I               | 01/01/2029           |                   |                 | TANK 10                       |         |
| Design Capacity | 2784079              | Units Code        | 15              | Desc                          | gallons |
| Control Type    | Code                 |                   | Desc            |                               |         |
| Waste Feed      | Code                 |                   | Desc            |                               |         |
| Waste Type      | Code                 |                   | Desc            |                               |         |



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### Section IV - Emission Unit Information

#### Process Information

|  |                    |               |          |                        |  |
|--|--------------------|---------------|----------|------------------------|--|
| Emission Unit  | 1TANKS             | Process       | FG1      |                        |  |
| Source Classification Code (SCC)                                       | Total Thruput      |               |          | Thruput Quantity Units |  |
|  | Quantity / Hr      | Quantity / Yr | Code     | Description            |  |
| 40400151   |                    |               |          |                        |  |
| <input type="checkbox"/> Confidential                                  | Operating Schedule |               | Building | Floor / Location       |  |
| <input type="checkbox"/> Operating At Maximum Capacity                 | Hrs / Day          | Days / Yr     |          |                        |  |
| <input checked="" type="checkbox"/> Activity w/ Insignificant Emission |                    |               |          | LOADING AREA           |  |

#### Description

Miscellaneous fugitive HAP and VOC emissions from valves, pumps, and flanges leakage, all emissions are at insignificant levels.

|   |
|---|
| Emission Point Identifier(s)            |
| Emission Source / Control Identifier(s) |

FVPMP

|   |                    |               |          |                        |  |
|---|--------------------|---------------|----------|------------------------|--|
| Emission Unit   | 1TANKS             | Process       | GAS      |                        |  |
| Source Classification Code (SCC)                            | Total Thruput      |               |          | Thruput Quantity Units |  |
|   | Quantity / Hr      | Quantity / Yr | Code     | Description            |  |
| 40400160  |                    |               |          |                        |  |
| <input type="checkbox"/> Confidential                       | Operating Schedule |               | Building | Floor / Location       |  |
| <input type="checkbox"/> Operating At Maximum Capacity      | Hrs / Day          | Days / Yr     |          |                        |  |
| <input type="checkbox"/> Activity w/ Insignificant Emission |                    |               |          | TANK FARM              |  |

#### Description

Six (6) storage tanks, each having a capacity of greater than 40,000 gallons, storing gasoline with a maximum vapor pressure of 12.0 psia @ 70 degree F). Each tank has a fixed roof with an internal floating roof system. Only 5 tanks will be in gasoline or vol service at a time.

|   |
|---|
| Emission Point Identifier(s)            |
| Emission Source / Control Identifier(s) |

FLRFS TK004 TK005 TK006 TK007 TK008 TK010



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### Section IV - Emission Unit Information

#### Process Information

|                                    |                    |               |                        |                  |  |  |
|------------------------------------|--------------------|---------------|------------------------|------------------|--|--|
| Emission Unit                      | 1TANKS             | Process       | VOL                    |                  |  |  |
| Source Classification Code (SCC)   | Total Thruput      |               | Thruput Quantity Units |                  |  |  |
|                                    | Quantity / Hr      | Quantity / Yr | Code                   | Description      |  |  |
| 40400160                           |                    |               |                        |                  |  |  |
| Confidential                       | Operating Schedule |               | Building               | Floor / Location |  |  |
| Operating At Maximum Capacity      | Hrs / Day          | Days / Yr     |                        |                  |  |  |
| Activity w/ Insignificant Emission |                    |               |                        | TANK FARM        |  |  |

#### Description

Six (6) storage tanks, each having a capacity of greater than 40,000 gallons, storing petroleum hydrocarbons with a maximum vapor pressure of 12.0 psia @ 70 F). Each tank has a fixed roof with an internal floating roof system. Only 5 tanks will be in gasoline or vol service at a time.

|   |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|
| Emission Point Identifier(s)            |       |       |       |       |       |       |
| Emission Source / Control Identifier(s) |       |       |       |       |       |       |
| FLRFS                                   | TK004 | TK005 | TK006 | TK007 | TK008 | TK010 |

#### Emission Unit Applicable Federal Requirements

| Emission Unit | 1-TANKS | Emission Point |          |         | Process      | Emission Source |           |        |            |      |
|---------------|---------|----------------|----------|---------|--------------|-----------------|-----------|--------|------------|------|
| Title         | Type    | Part           | Sub Part | Section | Sub Division | Parag           | Sub Parag | Clause | Sub Clause | Item |
| 40            | CFR     | 63             | BBBBBB   | 11092   | e            | 1               |           |        |            |      |
| 6             | NYCRR   | 229            |          | 3       | e            | 1               |           |        |            |      |

| Emission Unit | 1-TANKS | Emission Point |          |         | Process      | GAS   | Emission Source |        |            | TK010 |
|---------------|---------|----------------|----------|---------|--------------|-------|-----------------|--------|------------|-------|
| Title         | Type    | Part           | Sub Part | Section | Sub Division | Parag | Sub Parag       | Clause | Sub Clause | Item  |
| 40            | CFR     | 60             | Kb       | 112b    | a            | 1     |                 |        |            |       |

| Emission Unit | 1-TANKS | Emission Point |          |         | Process      | VOL   | Emission Source |        |            | TK010 |
|---------------|---------|----------------|----------|---------|--------------|-------|-----------------|--------|------------|-------|
| Title         | Type    | Part           | Sub Part | Section | Sub Division | Parag | Sub Parag       | Clause | Sub Clause | Item  |
| 40            | CFR     | 60             | Kb       | 112b    | a            | 1     |                 |        |            |       |

#### Emission Unit Emissions Summary

| Emission Unit | 1-TANKS     | Contaminant Name |                |                |  |
|---------------|-------------|------------------|----------------|----------------|--|
| CAS No.       | VOC         |                  |                |                |  |
| 0NY998-00-0   |             |                  |                |                |  |
| ERP (lb/yr)   | PTE (lb/hr) | PTE (lb/yr)      | Actual (lb/hr) | Actual (lb/yr) |  |
| 52647         | 5.66        | 52647            |                |                |  |



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### Supporting Documentation

- Aerial Photo ( \_\_ / \_\_ / \_\_\_\_ )
- Air Quality Model ( \_\_ / \_\_ / \_\_\_\_ )
- Air State Facility Permit ( \_\_ / \_\_ / \_\_\_\_ )
- Air Title V Facility Permit ( \_\_ / \_\_ / \_\_\_\_ )
- Alternative Fuel Monitoring Schedule ( \_\_ / \_\_ / \_\_\_\_ )
- Ambient Air Monitoring Plan ( \_\_ / \_\_ / \_\_\_\_ )
- Analysis of Contemporaneous Emission Increase/Decrease ( \_\_ / \_\_ / \_\_\_\_ )
- Article 11, Title 5 Permit for Interference with Fish & Wildlife ( \_\_ / \_\_ / \_\_\_\_ )
- Authorized Agent Letter ( \_\_ / \_\_ / \_\_\_\_ )
- BACT Demonstration ( \_\_ / \_\_ / \_\_\_\_ )
- Baseline Period Demonstration ( \_\_ / \_\_ / \_\_\_\_ )
- Blasting Chart - Ground Vibration Limits ( \_\_ / \_\_ / \_\_\_\_ )
- Building Identification Table ( \_\_ / \_\_ / \_\_\_\_ )
- Calculations ( \_\_ / \_\_ / \_\_\_\_ )
- Capping Letter/Package ( \_\_ / \_\_ / \_\_\_\_ )
- Certificate of Capacity (Resource Recovery Facility) ( \_\_ / \_\_ / \_\_\_\_ )
- Compliance Assurance Monitoring Plan (CAM) ( \_\_ / \_\_ / \_\_\_\_ )
- Confidentiality Justification ( \_\_ / \_\_ / \_\_\_\_ )
- Construction and Demolition Debris Tracking Document ( \_\_ / \_\_ / \_\_\_\_ )
- Construction Detail Drawings ( \_\_ / \_\_ / \_\_\_\_ )
- Continuous Emissions Monitoring Plans/QA/QC ( \_\_ / \_\_ / \_\_\_\_ )
- Control Equipment Layout ( \_\_ / \_\_ / \_\_\_\_ )
- Custom Schedule for Fuel Nitrogen and Sulfur Monitoring ( \_\_ / \_\_ / \_\_\_\_ )
- Drawings/Blueprints ( \_\_ / \_\_ / \_\_\_\_ )
- Elevations/Sections ( \_\_ / \_\_ / \_\_\_\_ )
- Emission Inventory Report ( \_\_ / \_\_ / \_\_\_\_ )
- Emission Survey ( \_\_ / \_\_ / \_\_\_\_ )
- Emission Unit Summary ( \_\_ / \_\_ / \_\_\_\_ )
- EPA Memo Re: Technical Infeasibility of Monitoring Nitrogen in Fuel ( \_\_ / \_\_ / \_\_\_\_ )
- Episode Action Plan ( \_\_ / \_\_ / \_\_\_\_ )
- Equipment Manufacturers Information ( \_\_ / \_\_ / \_\_\_\_ )
- ERC Quantification ( \_\_ / \_\_ / \_\_\_\_ )
- Exemption Related Document ( \_\_ / \_\_ / \_\_\_\_ )
- Existing Certificates to Operate and/or Permits to Construct ( \_\_ / \_\_ / \_\_\_\_ )
- Existing Consent Order ( \_\_ / \_\_ / \_\_\_\_ )
- Existing Methane Migration & Recovery Well Plan ( \_\_ / \_\_ / \_\_\_\_ )
- Existing Permit Figures ( \_\_ / \_\_ / \_\_\_\_ )
- Facility Location Map ( \_\_ / \_\_ / \_\_\_\_ )
- Facility-Wide Operating Permit Submittal Schedule ( \_\_ / \_\_ / \_\_\_\_ )
- Fugitive Dust Control Plan ( \_\_ / \_\_ / \_\_\_\_ )
- General Flow Diagram ( \_\_ / \_\_ / \_\_\_\_ )
- Generating Plant Site & Section Sheet ( \_\_ / \_\_ / \_\_\_\_ )
- LAER Demonstration ( \_\_ / \_\_ / \_\_\_\_ )
- Letter of Intent to Commence Work ( \_\_ / \_\_ / \_\_\_\_ )
- List of Exempt Activities (form attached) ( \_\_ / \_\_ / \_\_\_\_ )



### Supporting Documentation

- MACT Demonstration ( \_\_/\_\_/\_\_ )
- Methods Used To Determine Compliance (form attached) ( \_\_/\_\_/\_\_ )
- Miscellaneous Attachments - Not Otherwise Specified ( \_\_/\_\_/\_\_ )
- Miscellaneous Correspondence ( \_\_/\_\_/\_\_ )
- Mitigation Planting Plan ( \_\_/\_\_/\_\_ )
- MSDS Information Sheets ( \_\_/\_\_/\_\_ )
- Non-CEM: Custom Monitoring, Recordkeeping and/or Reporting Plan ( \_\_/\_\_/\_\_ )
- Notice Covenant ( \_\_/\_\_/\_\_ )
- Notice of Intent to Commence Work ( \_\_/\_\_/\_\_ )
- NOx RACT Compliance Plan ( \_\_/\_\_/\_\_ )
- NOx RACT Operating Plan ( \_\_/\_\_/\_\_ )
- Opacity Compliance Plan ( \_\_/\_\_/\_\_ )
- Operational Flexibility: Desc of Alternative Operating Scenarios and Protocols ( \_\_/\_\_/\_\_ )
- P.E. Certification (form attached) ( \_\_/\_\_/\_\_ )
- Permit Sign ( \_\_/\_\_/\_\_ )
- Pesticide Treatment Area Map ( \_\_/\_\_/\_\_ )
- Photograph(s) ( \_\_/\_\_/\_\_ )
- Plot Plan ( \_\_/\_\_/\_\_ )
- Process Flow Diagram(s) ( \_\_/\_\_/\_\_ )
- Process Material Specification Data ( \_\_/\_\_/\_\_ )
- Process Operation Log Sheet(s) ( \_\_/\_\_/\_\_ )
- Project Location Map ( \_\_/\_\_/\_\_ )
- PSD Permit Correlation Tables ( \_\_/\_\_/\_\_ )
- RACT Demonstration ( \_\_/\_\_/\_\_ )
- Regulatory Analysis Summary ( \_\_/\_\_/\_\_ )
- Results of SEQR Review ( \_\_/\_\_/\_\_ )
- Seed Mixture Recommendations ( \_\_/\_\_/\_\_ )
- Short Environmental Assessment Form ( \_\_/\_\_/\_\_ )
- Site Plan ( \_\_/\_\_/\_\_ )
- Solid Waste Annual Report Form ( \_\_/\_\_/\_\_ )
- SPDES Permit ( \_\_/\_\_/\_\_ )
- Stack Test Protocols/Reports ( \_\_/\_\_/\_\_ )
- Title IV Acid Rain Permit Application ( \_\_/\_\_/\_\_ )
- VOC RACT Compliance Plan ( \_\_/\_\_/\_\_ )
- Wood Waste Specifications ( \_\_/\_\_/\_\_ )



**New York State Department of Environmental Conservation  
Air Permit Application**



**Department of  
Environmental  
Conservation**

| DEC ID |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

| Methods Used to Determine Compliance |                        |   |                 |
|--------------------------------------|------------------------|---|-----------------|
| Emission Unit ID                     | Applicable Requirement | Method Used to Determine Compliance   | Compliance Date |
| FACILITY                             | 6 NYCRR 200.6          | Emissions do not contravene any applicable ambient air quality standard and/or cause air pollution.                                 |                 |
| FACILITY                             | 6 NYCRR 200.7          | Daily and monthly VRU inspections, preventative maintenance records   |                 |
| FACILITY                             | 6 NYCRR 201-1.7        | There are no air cleaning devices installed at the facility   |                 |
| FACILITY                             | 6 NYCRR 201-1.8        | Wastes generated from air cleaning devices are managed in accordance with NYSDEC rules regarding hazardous and non hazardous wastes |                 |
| FACILITY                             | 6 NYCRR 201-3.2(a)     | An Exempt and Trivial Source Inventory is maintained with the Air Permit  |                 |
| FACILITY                             | 6 NYCRR 201-3.3(a)     | Trivial Activities are documented in the exempt Source Inventory maintained with the Air Permit                                     |                 |
| FACILITY                             | 6 NYCRR Subpart 201-6  | Review permit emission unit definitions, process descriptions, and emissions points for accuracy                                    |                 |
| FACILITY                             | 6 NYCRR 201-6.4(a)(4)  | Information requests are provided to the department in writing within reasonable time frame.  |                 |
| FACILITY                             | 6 NYCRR 201-6.4(a)(7)  | Accounting System   |                 |
| FACILITY                             | 6 NYCRR 201-6.4(a)(8)  | Global will allow access to the Department or authorized representative   |                 |

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| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

| Methods Used to Determine Compliance |                           |   |                 |
|--------------------------------------|---------------------------|---|-----------------|
| Emission Unit ID                     | Applicable Requirement    | Method Used to Determine Compliance   | Compliance Date |
| FACILITY                             | 6 NYCRR 201-6.4(c)        | Included in the required monitoring reports. Any deviations are reported in semi annual reports.  |                 |
| FACILITY                             | 6 NYCRR 201-6.4(c)(2)     | Specific records kept include VRU Inspection Records / Annual and Semi Annual Reports, throughput records, Certificates of Analyses, Annual Emissions Statements, Bills of Lading |                 |
| FACILITY                             | 6 NYCRR 201-6.4(c)(3)(ii) | Semiannual Monitoring and Deviation Reports   |                 |
| FACILITY                             | 6 NYCRR 201-6.4(d)(4)     | Progress reports associated with a Schedule of Compliance submitted at least semi annually (if applicable)  |                 |
| FACILITY                             | 6 NYCRR 201-6.4(e)        | Annual Compliance Report and Certification  |                 |
| FACILITY                             | 6 NYCRR 201-6.4(f)(6)     | Submit 7 days advance notice for any off permit changes   |                 |
|                                      |                           |   |                 |
|                                      |                           |   |                 |
|                                      |                           |   |                 |
|                                      |                           |   |                 |

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| Methods Used to Determine Compliance |                        |  |                 |
|--------------------------------------|------------------------|--|-----------------|
| Emission Unit ID                     | Applicable Requirement | Method Used to Determine Compliance  | Compliance Date |
| FACILITY                             | 6 NYCRR 201-7.1(a)     | Monthly rolling VOC emission calculations  |                 |
| FACILITY                             | 6 NYCRR 201-7.1(a)     | Emission calculations, annual Emissions Statement                                      |                 |
| FACILITY                             | 6 NYCRR 201-7.1(a)     | Monthly rolling throughput records   |                 |
| 1-RACK1, RGS                         | 6 NYCRR 201-7.1(a)     | Emissions calculations, annual Emissions Statement, VRU Performance Tests              |                 |
| 1-RACK1, 00001, RDS                  | 6 NYCRR 201-7.1(a)     | Monthly rolling throughput records   |                 |
| 1-RACK1, 00001, RGS                  | 6 NYCRR 201-7.1(a)     | Monthly rolling throughput records   |                 |
| FACILITY                             | 6 NYCRR 201-7.1(a)     | Emissions calculations, annual Emissions Statement                                     |                 |
| FACILITY                             | 6 NYCRR 201-7.1(a)     | Monthly rolling throughput records, Emissions calculations, Annual Emissions Statement |                 |
| FACILITY                             | 6 NYCRR 202-1.1        | Performance Test Report Submittal  |                 |
| FACILITY                             | 6 NYCRR 202-2.1        | Annual Emission Statement Submittal  |                 |

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| Methods Used to Determine Compliance |                        |  |                 |
|--------------------------------------|------------------------|--|-----------------|
| Emission Unit ID                     | Applicable Requirement | Method Used to Determine Compliance  | Compliance Date |
| FACILITY                             | 6 NYCRR 202-2.5        | Emissions Statement and supporting documents are available for >5 years.   |                 |
| FACILITY                             | 6 NYCRR 211.1          | Compliance with permit emission limitations ensure compliance with this requirement  |                 |
| FACILITY                             | 6 NYCRR 211.1          | Contact information is posted at the main entrance. Call box is located at main entrance.                                    |                 |
| 1-RACK1, RDS                         | 6 NYCRR 212.10(c)(1)   | A Vapor Recovery Unit is installed on the rack, and gasoline/ethanol storage tanks are equipped with internal floating roofs |                 |
| 1-RACK1, RDS, RACK1                  | 6 NYCRR 212.10(c)(1)   | A Vapor Recovery Unit is installed on the rack, and gasoline/ethanol storage tanks are equipped with internal floating roofs |                 |
| FACILITY                             | 6 NYCRR 215.2          | Open burning is prohibited   |                 |
| FACILITY                             | 6 NYCRR 225-1.2        | Certificates of Analysis / Product oversight program / Terminal Operator Training  |                 |
| FACILITY                             | 6 NYCRR 225-1.8        | Certificates of Analysis, Semi-Annual Report   |                 |
| FACILITY                             | 6 NYCRR 225-3.3(a)     | Certificates of Analysis   |                 |
|                                      |                        |  |                 |

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| 1      | - | 2 | 8 | 2 | 0 | - | 0 | 0 | 9 | 4 | 7 |

| Methods Used to Determine Compliance |                        |  |                 |
|--------------------------------------|------------------------|--|-----------------|
| Emission Unit ID                     | Applicable Requirement | Method Used to Determine Compliance  | Compliance Date |
| FACILITY                             | 6 NYCRR 225-3.4(a)     | Bills of Lading maintained for >5 years at the Terminal  |                 |
| FACILITY                             | 6 NYCRR 229.3(a)       | Tanks subject to this section are fitted with appropriate controls   |                 |
| 1-TANKS                              | 6 NYCRR 229.3(e)(1)    | Tank inspection records, IFR Inspection Reports  |                 |
| FACILITY                             | 6 NYCRR 229.5          | Facility Tank and Throughput Records   |                 |
| FACILITY                             | 40 CFR 60.7 (a)        | Notifications are sent as required   |                 |
| 1-TANKS, GAS, TK010                  | 40 CFR 60.112b(a)(1)   | ExxonMobil (the owner at the time) provided Global certification that the IFRs comply with 40 CFR 60.112b(a) (1) with a notification letter on November 29, 2007 |                 |
| 1-TANKS, VOL, TK010                  | 40 CFR 60.112b(a)(1)   | ExxonMobil (the owner at the time) provided Global certification that the IFRs comply with 40 CFR 60.112b(a) (1) with a notification letter on November 29, 2007 |                 |
| FACILITY                             | 40 CFR 60.113b(a)      | Facility Tank Records and inspection forms   |                 |
| FACILITY                             | 40 CFR 60.115b(a)      | Internal Floating Roof Hatch Inspection Reports, Tank inspection forms (monthly and annually)  |                 |
| FACILITY                             | 40 CFR 60.116b         | The facility retains records of tank dimensions and capacity for the life of the vessel.   |                 |

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|--------|---|---|---|---|---|---|---|---|---|---|---|
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| Methods Used to Determine Compliance |                        |   |                 |
|--------------------------------------|------------------------|---|-----------------|
| Emission Unit ID                     | Applicable Requirement | Method Used to Determine Compliance   | Compliance Date |
| FACILITY                             | 40 CFR 60.502          | Vapor collection system inspections and truck documentation   |                 |
| 1-RACK1, RGS, RACK1                  | 40 CFR 60.505(b)       | Tank Truck Tightness Records  |                 |
| 1-RACK1, RGS, RACK1                  | 40 CFR 60.505(c)       | Monthly Rack Inspection Form, Facility Monthly Inspection Form.   |                 |
| 1-RACK1, RGS, RACK1                  | 40 CFR 60.505(f)       | Monthly Rack Inspection Form, and repair work orders  |                 |
| 1-RACK1                              | 40 CFR 63.11088        | VRU Inspections, preventative maintenance records, VRU performance Tests, Tank Truck Tightness Records                              |                 |
| FACILITY                             | 40 CFR 63.11089        | Monthly Inspection Forms  |                 |
| 1-RACK1                              | 40 CFR 63.11092(a)     | VRU Performance tests   |                 |
| 1-TANKS                              | 40 CFR 63.11092(e) (1) | Roof hatch inspection forms   |                 |
| 1-RACK1, RGS, VPORS                  | 40 CFR Part 64         | Daily VRU inspection records, Quarterly Preventative Maintenance Reports, Monthly EPA 21 Stack Test Records. VRU Performance Tests. |                 |
| FACILITY                             | 40 CFR Part 68         | Fuels are exempt from program and no other chemicals are utilized which exceed threshold  |                 |

**New York State Department of Environmental Conservation  
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| Methods Used to Determine Compliance |                           |  |                 |
|--------------------------------------|---------------------------|--|-----------------|
| Emission Unit ID                     | Applicable Requirement    | Method Used to Determine Compliance  | Compliance Date |
| FACILITY                             | 40 CFR Part 82, Subpart F | Only Certified Contractors are used to work on refrigerant systems                   |                 |
| FACILITY                             | ECL 19-0301               | Review emissions inventory   |                 |
| FACILITY                             | 6 NYCRR 201-1.4           | Violations can be excused by NYSDEC if the facility is able to prove unavailability. |                 |
| FACILITY                             | 6 NYCRR 201-1.4           | Violations can be excused by NYSDEC if the facility is able to prove unavailability. |                 |
| FACILITY                             | 6 NYCRR 225-3.4           | Bills of Lading maintained for > 5 years (Maintained at Terminal)                    |                 |
|                                      |                           |  |                 |
|                                      |                           |  |                 |
|                                      |                           |  |                 |
|                                      |                           |  |                 |
|                                      |                           |  |                 |
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**List of Exempt Activities**

**Instructions**

Applicants for Title V facility permits must provide a listing of each exempt activity, as described in 6 NYCRR Part 201-3.2(c), that is currently operated at the facility. This form provides a means to fulfill this requirement.

In order to complete this form, enter the number and building location of each exempt activity. Building IDs used on this form should match those used in the Title V permit application. If a listed activity is not operated at the facility, leave the corresponding information blank.

| Combustion                  |  |                      |                   |
|-----------------------------|--|----------------------|-------------------|
| Rule Citation<br>201-3.2(c) | Description  | Number of Activities | Building Location |
| (1)                         | Stationary or portable combustion installations where the furnace has a maximum heat input capacity less than 10 mmBtu/hr burning fuels other than coal or wood; or a maximum heat input capacity of less than 1 mmBtu/hr burning coal or wood. This activity does not include combustion installations burning any material classified as solid waste, as defined in 6 NYCRR Part 360, or waste oil, as defined in 6 NYCRR Subpart 225-2. | <b>1</b>             |                   |
| (2)                         | Space heaters burning waste oil at automotive service facilities, as defined in 6 NYCRR Subpart 225-2, generated on-site or at a facility under common control, alone or in conjunction with used oil generated by a do-it-yourself oil changer as defined in 6 NYCRR Subpart 374-2.   |                      |                   |
| (3)(i)                      | Stationary or portable internal combustion engines that are liquid or gaseous fuel powered and located within the New York City metropolitan area or the Orange County towns of Blooming Grove, Chester, Highlands, Monroe, Tuxedo, Warwick, or Woodbury, and have a maximum mechanical power rating of less than 200 brake horsepower.  |                      |                   |
| (3)(ii)                     | Stationary or portable internal combustion engines that are liquid or gaseous fuel powered and located outside of the New York City metropolitan area or the Orange County towns of Blooming Grove, Chester, Highlands, Monroe, Tuxedo, Warwick, or Woodbury, and have a maximum mechanical power rating of less than 400 brake horsepower.  | <b>2</b>             |                   |
| (3)(iii)                    | Stationary or portable internal combustion engines that are gasoline powered and have a maximum mechanical power rating of less than 50 brake horsepower.  |                      |                   |
| (4)                         | Reserved.  |                      |                   |
| (5)                         | Gas turbines with a heat input at peak load less then 10 mmBtu/hour  |                      |                   |



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| Rule Citation                               | Description   | Number of Activities | Building Location |
|---|---|----------------------|-------------------|
| 201-3.2(c)                                  |   |                      |                   |
| (6)   | Emergency power generating stationary internal combustion engines, as defined in 6 NYCRR Part 200.1(cq), and engine test cells at engine manufacturing facilities that are utilized for research and development, reliability performance testing, or quality assurance performance testing. Stationary internal combustion engines used for peak shaving and/or demand response programs are not exempt. |                      |                   |
| <b>Combustion Related</b>                   |   |                      |                   |
| (7)   | Non-contact water cooling towers and water treatment systems for process cooling water and other water containers designed to cool, store or otherwise handle water that has not been in direct contact with gaseous or liquid process streams.   |                      |                   |
| <b>Agricultural</b>                         |   |                      |                   |
| (8)   | Feed and grain milling, cleaning, conveying, drying and storage operations including grain storage silos, where such silos exhaust to an appropriate emissions control device, excluding grain terminal elevators with permanent storage capacities over 2.5 million U.S. bushels, and grain storage elevators with capacities above one million bushels.   |                      |                   |
| (9)   | Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.   |                      |                   |
| <b>Commercial - Food Service Industries</b> |   |                      |                   |
| (10)  | Flour silos at bakeries, provided all such silos are exhausted through an appropriate emission control device.  |                      |                   |
| (11)  | Emissions from flavorings added to a food product where such flavors are manually added to the product.   |                      |                   |
| <b>Commercial - Graphic Arts</b>            |   |                      |                   |
| (12)  | Screen printing inks/coatings or adhesives which are applied by a hand-held squeegee. A hand-held squeegee is one that is not propelled through the use of mechanical conveyance and is not an integral part of the screen printing process.  |                      |                   |
| (13)  | Graphic arts processes at facilities located outside the New York City metropolitan area or the Orange County towns of Blooming Grove, Chester, Highlands, Monroe, Tuxedo, Warwick, or Woodbury whose facility-wide total emissions of volatile organic compounds from inks, coatings, adhesives, fountain solutions and cleaning solutions are less than three tons during any 12-month period.          |                      |                   |

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| Rule Citation<br>201-3.2(c)            | Description   | Number of Activities | Building Location |
|--|---|----------------------|-------------------|
| (14)                                   | Graphic label and/or box labeling operations where the inks are applied by stamping or rolling.   |                      |                   |
| (15)                                   | Graphic arts processes which are specifically exempted from regulation under 6 NYCRR Part 234, with respect to emissions of volatile organic compounds which are not given an A rating as described in 6 NYCRR Part 212.  |                      |                   |
| <b>Commercial - Other</b>              |   |                      |                   |
| (16)                                   | Gasoline dispensing sites registered with the department pursuant to 6 NYCRR Part 612.  |                      |                   |
| (17)                                   | Surface coating and related activities at facilities which use less than 25 gallons per month of total coating materials, or with actual volatile organic compound emissions of 1,000 pounds or less from coating materials in any 12-month period. Coating materials include all paints and paint components, other materials mixed with paints prior to application, and cleaning solvents, combined. This exemption is subject to the following:<br><br>(i) The facility is located outside of the New York City metropolitan area or the Orange County towns of Blooming Grove, Chester, Highlands, Monroe, Tuxedo, Warwick, or Woodbury; and<br><br>(ii) All abrasive cleaning and surface coating operations are performed in an enclosed building where such operations are exhausted into appropriate emission control devices. |                      |                   |
| (18)                                   | Abrasive cleaning operations which exhaust to an appropriate emission control device.   |                      |                   |
| (19)                                   | Ultraviolet curing operations.  |                      |                   |
| <b>Municipal/Public Health Related</b> |   |                      |                   |
| (20)                                   | Landfill gas ventilating systems at landfills with design capacities less than 2.5 million megagrams (3.3 million tons) and 2.5 million cubic meters (2.75 million cubic yards), where the systems are vented directly to the atmosphere, and the ventilating system has been required by, and is operating under, the conditions of a valid 6 NYCRR Part 360 permit, or order on consent.  |                      |                   |
| <b>Storage Vessels</b>                 |   |                      |                   |
| (21)                                   | Distillate fuel oil, residual fuel oil, and liquid asphalt storage tanks with storage capacities below 300,000 barrels.   | <b>5</b>             | NA                |

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| Rule Citation     | Description   | Number of Activities | Building Location |
|-------------------|---|----------------------|-------------------|
| 201-3.2(c)        |   |                      |                   |
| (22)              | Pressurized fixed roof tanks which are capable of maintaining a working pressure at all times to prevent emissions of volatile organic compounds to the outdoor atmosphere.   |                      |                   |
| (23)              | External floating roof tanks which are of welded construction and are equipped with a metallic-type shoe primary seal and a secondary seal from the top of the shoe seal to the tank wall.  |                      |                   |
| (24)              | External floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure less than 4.0 psi (27.6 kPa), are of welded construction and are equipped with one of the following:<br><br>(i) a metallic-type shoe seal;<br><br>(ii) a liquid-mounted foam seal;<br><br>(iii) a liquid-mounted liquid-filled type seal; or<br><br>(iv) equivalent control equipment or device. |                      |                   |
| (25)              | Storage tanks, including petroleum liquid storage tanks as defined in 6 NYCRR Part 229, with capacities less than 10,000 gallons, except those subject to 6 NYCRR Part 229 or Part 233.   |                      |                   |
| (26)              | Horizontal petroleum or volatile organic liquid storage tanks.  | 8                    |                   |
| (27)              | Storage silos storing solid materials, provided all such silos are exhausted through an appropriate emission control device. This exemption does not include raw material, clinker, or finished product storage silos at Portland cement plants.  |                      |                   |
| <b>Industrial</b> |   |                      |                   |
| (28)              | Processing equipment at existing sand and gravel and stone crushing plants which were installed or constructed before August 31, 1983, where water is used for operations such as wet conveying, separating, and washing. This exemption does not include processing equipment at existing sand and gravel and stone crushing plants where water is used for dust suppression.  |                      |                   |
| (29)(i)           | Sand and gravel processing or crushed stone processing lines at a non-metallic mineral processing facility that are a permanent or fixed installation with a maximum rated processing capacity of 25 tons of minerals per hour or less.   |                      |                   |

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| Rule Citation<br>201-3.2(c) | Description   | Number of Activities | Building Location |
|-----------------------------|---|----------------------|-------------------|
| (29)(ii)                    | Sand and gravel processing or crushed stone processing lines at a non-metallic mineral processing facility that are a portable emission source with a maximum rated processing capacity of 150 tons of minerals per hour or less. |                      |                   |
| (29)(iii)                   | Sand and gravel processing or crushed stone processing lines at a non-metallic mineral processing facility that are used exclusively to screen minerals at a facility where no crushing or grinding takes place.                  |                      |                   |
| (30)                        | Reserved.   |                      |                   |
| (31)                        | Surface coating operations which are specifically exempted from regulation under 6 NYCRR Part 228, with respect to emissions of volatile organic compounds which are not given an A rating pursuant to 6 NYCRR Part 212.          |                      |                   |
| (32)                        | Pharmaceutical tablet branding operations.  |                      |                   |
| (33)                        | Thermal packaging operations, including, but not limited to, therimage labeling, blister packing, shrink wrapping, shrink banding, and carton gluing.   |                      |                   |
| (34)                        | Powder coating operations.  |                      |                   |
| (35)                        | All tumblers used for the cleaning and/or deburring of metal products without abrasive blasting.  |                      |                   |
| (36)                        | Presses used exclusively for molding or extruding plastics except where halogenated carbon compounds or hydrocarbon solvents are used as foaming agents.  |                      |                   |
| (37)                        | Concrete batch plants where the cement weigh hopper and all bulk storage silos are exhausted through fabric filters, and the batch drop point is controlled by a shroud or other emission control device.                         |                      |                   |
| (38)                        | Cement storage operations not located at Portland cement plants where materials are transported by screw or bucket conveyors.   |                      |                   |
| (39)(i)                     | Cold cleaning degreasers with an open surface area of 11 square feet or less and an internal volume of 93 gallons or less or, having an organic solvent loss of 3 gallons per day or less.  |                      |                   |
| 39(ii)                      | Cold cleaning degreasers that use a solvent with a VOC content of five percent or less by weight, unless subject to the requirements of 40 CFR 63 Subpart T.  |                      |                   |

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| Rule Citation<br>201-3.2(c) | Description   | Number of Activities | Building Location |
|-----------------------------|---|----------------------|-------------------|
| (39)(iii)                   | Conveyorized degreasers with an air/vapor interface smaller than 22 square feet (2 square meters), unless subject to the requirements of 40 CFR 63 Subpart T.   |                      |                   |
| (39)(iv)                    | Open-top vapor degreasers with an open-top area smaller than 11 square feet (1 square meter), unless subject to the requirements of 40 CFR 63 Subpart T.  |                      |                   |
| <b>Miscellaneous</b>        |   |                      |                   |
| (40)                        | Ventilating and exhaust systems for laboratory operations. Laboratory operations do not include processes having a primary purpose to produce commercial quantities of materials.   | 1                    |                   |
| (41)                        | Exhaust or ventilating systems for the melting of gold, silver, platinum and other precious metals.   |                      |                   |
| (42)                        | Exhaust systems for paint mixing, transfer, filling or sampling and/or paint storage rooms or cabinets, provided the paints stored within these locations are stored in closed containers when not in use.  |                      |                   |
| (43)                        | Exhaust systems for solvent transfer, filling or sampling, and/or solvent storage rooms provided the solvent stored within these locations are stored in containers when not in use.  |                      |                   |
| (44)                        | Research and development activities, including both stand-alone and activities within a major facility, until such time as the administrator completes a rule making to determine how the permitting program should be structured for these activities. |                      |                   |
| (45)                        | The application of odor counteractants and/or neutralizers.   |                      |                   |
| (46)                        | Hydrogen fuel cells.  |                      |                   |
| (47)                        | Dry cleaning equipment that uses only water-based cleaning processes or those using liquid carbon dioxide.  |                      |                   |
| (48)                        | Manure spreading, handling and storage at farms and agricultural facilities.  |                      |                   |



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**Inwood Terminal  
 Permit No. 1-2820-00947/00002  
 Part 212 Review**

**July 2016**

**Part 212:**

6 NYCRR Part 212 regulates air pollution from process operations, as defined in the regulation. Each contaminant is assigned an Environmental Rating, which is used to determine the degree of air pollution control required. Facilities with process operations subject to New Source Performance Standards (NSPS) (40 CFR Part 60) and National Emission Standards for Hazardous Air Pollutants (NESHAP) (40 CFR 63) are considered in compliance with Part 212 with the exception of compounds on the high toxicity air contaminant (HTAC) list.

**NSPS and NESHAP:**

Loading rack emissions are regulated by NSPS Subpart XX – Standards of Performance for Bulk Gasoline Terminals, which regulates emissions of Volatile Organic Compounds (VOCs). Storage tank emissions are regulated by NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels, which regulates VOC emissions. Facility wide hazardous air pollutants (HAPs) are regulated by NESHAP Subpart BBBBBB – National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. Because VOCs and HAPs are regulated by an NSPS, they are considered in compliance with Part 212.

**HTAC:**

The only HTAC emitted from process operations at this facility, benzene, is summarized below. The potential to emit (PTE) of benzene is compared to the Mass Emission Limit in 212-2.

HTACs that are below the Mass Emission Limit are considered in compliance with Part 212.

HTACs that exceed the Mass Emission Limit are modeled to demonstrate that fence-line concentrations are below Annual Guideline Concentrations (AGC) for annual emission rates and Short-Term Guideline Concentrations (SGC) for hourly emission rates for the applicable contaminant. HTACs that are below SGC/AGC limits are in compliance with Part 212. The facility's benzene emissions were modeled using the EPA's AERSCREEN Software, using the facility's potential to emit values as input parameters.

A summary of the results is below:

| Contaminant | Mass Emission Limit (lbs/yr) | Terminal Emissions (lbs/yr) | SGC (ug/m3) | AGC (ug/m3) | AERSCREEN    |                |
|-------------|------------------------------|-----------------------------|-------------|-------------|--------------|----------------|
|             |                              |                             |             |             | 1-hr (ug/m3) | Annual (ug/m3) |
| Benzene     | 100                          | 649                         | 1300        | .13         | 1.05         | 0.10           |

Inwood

AERSCREEN 15181 / AERMOD 15181

06/01/16  
09:38:17

TITLE: Inwood Renewal

\*\*\*\*\* VOLUME PARAMETERS \*\*\*\*\*

|                             |               |                 |
|-----------------------------|---------------|-----------------|
| SOURCE EMISSION RATE:       | 0.932E-02 g/s | 0.740E-01 lb/hr |
| VOLUME HEIGHT:              | 3.66 meters   | 12.00 feet      |
| INITIAL LATERAL DIMENSION:  | 70.88 meters  | 232.56 feet     |
| INITIAL VERTICAL DIMENSION: | 1.70 meters   | 5.58 feet       |
| RURAL OR URBAN:             | URBAN         |                 |
| POPULATION:                 | 9792          |                 |
| INITIAL PROBE DISTANCE =    | 5000. meters  | 16404. feet     |

\*\*\*\*\* BUILDING DOWNWASH PARAMETERS \*\*\*\*\*

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

\*\*\*\*\* PROBE ANALYSIS \*\*\*\*\*

25 meter receptor spacing: 30. meters - 5000. meters

| Zo<br>SECTOR | ROUGHNESS<br>LENGTH | 1-HR CONC<br>(ug/m3) | DIST<br>(m) | TEMPORAL<br>PERIOD |
|--------------|---------------------|----------------------|-------------|--------------------|
| 1*           | 1.000               | 0.8437               | 175.0       | WIN                |

\* = worst case flow sector

\*\*\*\*\* MAKEMET METEOROLOGY PARAMETERS \*\*\*\*\*

MIN/MAX TEMPERATURE: 249.8 / 310.9 (K)

MINIMUM WIND SPEED: 0.5 m/s

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: AERMET SEASONAL TABLES

DOMINANT SURFACE PROFILE: Urban

Inwood

DOMINANT CLIMATE TYPE: Average Moisture  
DOMINANT SEASON: Winter

ALBEDO: 0.35  
BOWEN RATIO: 1.50  
ROUGHNESS LENGTH: 1.000 (meters)

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR  
10 01 12 12 01

| H0    | U*     | W*     | DT/DZ | ZICNV | ZIMCH | M-O LEN | Z0    | BOWEN | ALBEDO | REF WS |
|-------|--------|--------|-------|-------|-------|---------|-------|-------|--------|--------|
| -1.30 | 0.043  | -9.000 | 0.020 | -999. | 208.  | 6.0     | 1.000 | 1.50  | 0.35   | 0.50   |
| HT    | REF TA | HT     |       |       |       |         |       |       |        |        |
| 10.0  | 310.9  | 2.0    |       |       |       |         |       |       |        |        |

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR  
10 01 12 12 01

| H0    | U*     | W*     | DT/DZ | ZICNV | ZIMCH | M-O LEN | Z0    | BOWEN | ALBEDO | REF WS |
|-------|--------|--------|-------|-------|-------|---------|-------|-------|--------|--------|
| -1.30 | 0.043  | -9.000 | 0.020 | -999. | 208.  | 6.0     | 1.000 | 1.50  | 0.35   | 0.50   |
| HT    | REF TA | HT     |       |       |       |         |       |       |        |        |
| 10.0  | 310.9  | 2.0    |       |       |       |         |       |       |        |        |

\*\*\*\*\* AERSCREEN AUTOMATED DISTANCES \*\*\*\*\*  
OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

| DIST (m) | MAXIMUM 1-HR CONC (ug/m3) | DIST (m) | MAXIMUM 1-HR CONC (ug/m3) |
|----------|---------------------------|----------|---------------------------|
| 30.48    | 0.000                     | 2525.00  | 0.9536E-01                |
| 50.00    | 0.000                     | 2550.00  | 0.9468E-01                |
| 75.00    | 0.000                     | 2575.00  | 0.9401E-01                |



Inwood

|         |        |         |            |
|---------|--------|---------|------------|
| 100.00  | 0.000  | 2600.00 | 0.9335E-01 |
| 125.00  | 0.000  | 2625.00 | 0.9271E-01 |
| 150.00  | 0.000  | 2650.00 | 0.9207E-01 |
| 175.00  | 0.8437 | 2675.00 | 0.9144E-01 |
| 200.00  | 0.6733 | 2700.00 | 0.9082E-01 |
| 225.00  | 0.5519 | 2725.00 | 0.9021E-01 |
| 250.00  | 0.4620 | 2750.00 | 0.8961E-01 |
| 275.00  | 0.3935 | 2775.00 | 0.8902E-01 |
| 300.00  | 0.3398 | 2800.00 | 0.8843E-01 |
| 325.00  | 0.3198 | 2825.00 | 0.8786E-01 |
| 350.00  | 0.3127 | 2850.00 | 0.8729E-01 |
| 375.00  | 0.3062 | 2875.00 | 0.8673E-01 |
| 400.00  | 0.2971 | 2900.00 | 0.8618E-01 |
| 425.00  | 0.2885 | 2925.00 | 0.8564E-01 |
| 450.00  | 0.2806 | 2950.00 | 0.8510E-01 |
| 475.00  | 0.2732 | 2975.00 | 0.8457E-01 |
| 500.00  | 0.2662 | 3000.00 | 0.8405E-01 |
| 525.00  | 0.2596 | 3025.00 | 0.8353E-01 |
| 550.00  | 0.2534 | 3050.00 | 0.8303E-01 |
| 575.00  | 0.2474 | 3075.00 | 0.8252E-01 |
| 600.00  | 0.2418 | 3100.00 | 0.8203E-01 |
| 625.00  | 0.2365 | 3125.00 | 0.8154E-01 |
| 650.00  | 0.2314 | 3150.00 | 0.8106E-01 |
| 675.00  | 0.2265 | 3175.00 | 0.8058E-01 |
| 700.00  | 0.2218 | 3200.00 | 0.8011E-01 |
| 725.00  | 0.2174 | 3225.00 | 0.7965E-01 |
| 750.00  | 0.2132 | 3250.00 | 0.7919E-01 |
| 775.00  | 0.2091 | 3275.00 | 0.7874E-01 |
| 800.00  | 0.2052 | 3300.00 | 0.7829E-01 |
| 825.00  | 0.2015 | 3325.00 | 0.7785E-01 |
| 850.00  | 0.1979 | 3350.00 | 0.7742E-01 |
| 875.00  | 0.1944 | 3375.00 | 0.7699E-01 |
| 900.00  | 0.1911 | 3400.00 | 0.7656E-01 |
| 925.00  | 0.1879 | 3425.00 | 0.7614E-01 |
| 950.00  | 0.1849 | 3450.00 | 0.7573E-01 |
| 975.00  | 0.1819 | 3475.00 | 0.7532E-01 |
| 1000.00 | 0.1790 | 3500.00 | 0.7491E-01 |
| 1025.00 | 0.1763 | 3525.00 | 0.7451E-01 |
| 1050.00 | 0.1736 | 3550.00 | 0.7411E-01 |
| 1075.00 | 0.1710 | 3575.00 | 0.7372E-01 |
| 1100.00 | 0.1685 | 3600.00 | 0.7333E-01 |
| 1125.00 | 0.1661 | 3625.00 | 0.7295E-01 |
| 1150.00 | 0.1638 | 3650.00 | 0.7257E-01 |
| 1175.00 | 0.1615 | 3675.00 | 0.7220E-01 |
| 1200.00 | 0.1593 | 3700.00 | 0.7183E-01 |
| 1225.00 | 0.1572 | 3725.00 | 0.7146E-01 |
| 1250.00 | 0.1551 | 3750.00 | 0.7110E-01 |
| 1275.00 | 0.1531 | 3775.00 | 0.7074E-01 |
| 1300.00 | 0.1512 | 3800.00 | 0.7039E-01 |
| 1325.00 | 0.1493 | 3825.00 | 0.7004E-01 |
| 1350.00 | 0.1475 | 3850.00 | 0.6969E-01 |
| 1375.00 | 0.1457 | 3875.00 | 0.6935E-01 |
| 1400.00 | 0.1439 | 3900.00 | 0.6901E-01 |
| 1425.00 | 0.1422 | 3925.00 | 0.6867E-01 |

Inwood

|         |            |         |            |
|---------|------------|---------|------------|
| 1450.00 | 0.1406     | 3950.00 | 0.6834E-01 |
| 1475.00 | 0.1390     | 3975.00 | 0.6801E-01 |
| 1500.00 | 0.1374     | 4000.00 | 0.6768E-01 |
| 1525.00 | 0.1359     | 4025.00 | 0.6736E-01 |
| 1550.00 | 0.1344     | 4050.00 | 0.6704E-01 |
| 1575.00 | 0.1329     | 4075.00 | 0.6673E-01 |
| 1600.00 | 0.1315     | 4100.00 | 0.6641E-01 |
| 1625.00 | 0.1301     | 4125.00 | 0.6611E-01 |
| 1650.00 | 0.1288     | 4150.00 | 0.6580E-01 |
| 1675.00 | 0.1274     | 4175.00 | 0.6550E-01 |
| 1700.00 | 0.1261     | 4200.00 | 0.6519E-01 |
| 1725.00 | 0.1249     | 4225.00 | 0.6490E-01 |
| 1750.00 | 0.1236     | 4250.00 | 0.6460E-01 |
| 1775.00 | 0.1224     | 4275.00 | 0.6431E-01 |
| 1800.00 | 0.1213     | 4300.00 | 0.6402E-01 |
| 1825.00 | 0.1201     | 4325.00 | 0.6374E-01 |
| 1850.00 | 0.1190     | 4350.00 | 0.6345E-01 |
| 1875.00 | 0.1179     | 4375.00 | 0.6317E-01 |
| 1900.00 | 0.1168     | 4400.00 | 0.6289E-01 |
| 1925.00 | 0.1157     | 4425.00 | 0.6262E-01 |
| 1950.00 | 0.1147     | 4450.00 | 0.6234E-01 |
| 1975.00 | 0.1136     | 4475.00 | 0.6207E-01 |
| 2000.00 | 0.1126     | 4500.00 | 0.6180E-01 |
| 2025.00 | 0.1117     | 4525.00 | 0.6154E-01 |
| 2050.00 | 0.1107     | 4550.00 | 0.6128E-01 |
| 2075.00 | 0.1098     | 4575.00 | 0.6102E-01 |
| 2100.00 | 0.1088     | 4600.00 | 0.6076E-01 |
| 2125.00 | 0.1079     | 4625.00 | 0.6050E-01 |
| 2150.00 | 0.1070     | 4650.00 | 0.6025E-01 |
| 2175.00 | 0.1062     | 4675.00 | 0.5999E-01 |
| 2200.00 | 0.1053     | 4700.00 | 0.5974E-01 |
| 2225.00 | 0.1044     | 4725.00 | 0.5950E-01 |
| 2250.00 | 0.1036     | 4750.00 | 0.5925E-01 |
| 2275.00 | 0.1028     | 4775.00 | 0.5901E-01 |
| 2300.00 | 0.1020     | 4800.00 | 0.5877E-01 |
| 2325.00 | 0.1012     | 4825.00 | 0.5853E-01 |
| 2350.00 | 0.1004     | 4850.00 | 0.5829E-01 |
| 2375.00 | 0.9967E-01 | 4875.00 | 0.5806E-01 |
| 2400.00 | 0.9892E-01 | 4900.00 | 0.5782E-01 |
| 2425.00 | 0.9819E-01 | 4925.00 | 0.5759E-01 |
| 2450.00 | 0.9746E-01 | 4950.00 | 0.5736E-01 |
| 2475.00 | 0.9675E-01 | 4975.00 | 0.5714E-01 |
| 2500.00 | 0.9605E-01 | 5000.00 | 0.5691E-01 |

\*\*\*\*\* AERSCREEN MAXIMUM IMPACT SUMMARY \*\*\*\*\*

| CALCULATION<br>PROCEDURE | MAXIMUM<br>1-HOUR<br>CONC<br>(ug/m3) | SCALED<br>3-HOUR<br>CONC<br>(ug/m3) | SCALED<br>8-HOUR<br>CONC<br>(ug/m3) | SCALED<br>24-HOUR<br>CONC<br>(ug/m3) | SCALED<br>ANNUAL<br>CONC<br>(ug/m3) |
|--------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
|--------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|

Inwood

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FLAT TERRAIN            1.047            1.047            0.9427            0.6285            0.1047

DISTANCE FROM SOURCE            154.00 meters

IMPACT AT THE  
AMBIENT BOUNDARY    0.000            0.000            0.000            0.000            0.000

DISTANCE FROM SOURCE            30.48 meters