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**PERMITS TO CONSTRUCT/MODIFICATION**

**APPLICANT'S NAME:** LUNDAY-THAGARD COMPANY

**MAILING ADDRESS:** 9302 GARFIELD AVENUE  
SOUTH GATE, CA 90280

**EQUIPMENT ADDRESS:** 9301 GARFIELD AVENUE  
SOUTH GATE, CA 90280

**FACILITY ID NO.:** 800080  
RECLAIM NOx Cycle 2 Facility  
RECLAIM SOx Cycle 2 Facility

**EQUIPMENT DESCRIPTION:**

FACILITY PERMIT SECTION H					Conditions
PROCESS 2	SYSTEM 2				
TREATING/STRIPPING	TANK VENT LINE H2S REMOVAL SYSTEM				
Description	ID No.	Connected To	RECLAIM Source Type	Emissions* And Requirements	Conditions
SCRUBBER, PACKED BED, V-510, SULFUR SCRUBBING MEDIA, 6000 LBS, MIN PACKING HEIGHT: 4 FT; IN SERIES DIAMETER: 4 FT; HEIGHT: 8 FT  A/N: <u>497330 543241</u>	C239	D35 D45 <del>D46</del> D47 D48 D49 D50 D51 <del>D52</del> D68 D74 C97 C240 <u>D251</u> <u>D252</u>			E193.2, E193.4, E193.5
SCRUBBER, PACKED BED, V-511, SULFUR SCRUBBING MEDIA, 6000 LBS; MIN PACKING HEIGHT: 4 FT; IN SERIES DIAMETER: 4 FT; HEIGHT: 8 FT  A/N: <u>497330 543241</u>	C240	D35 D45 <del>D46</del> D47 D48 D49 D50 D51 <del>D52</del> D68 D74 C97 C239 <u>D251</u> <u>D252</u>			E193.2, E193.4, E193.5
BLOWERS, BL-514 AND BL-515, ONE STANDY-BY, 3 HP, COMMON TO C239 AND C240  A/N: <u>497330 543241</u>	D242				
FUGITIVE EMISSIONS, MISCELLANEOUS  A/N: <u>497330 543241</u>	D244				H23.17

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FACILITY PERMIT SECTION H					Conditions
PROCESS 5		SYSTEM 1			
STORAGE TANKS		FIXED ROOF			
Description	ID No.	Connected To	RECLAIM Source Type	Emissions* And Requirements	Conditions
STORAGE TANK, FIXED ROOF, 10001, CRUDE OIL, WITH A MIXER, 10000 BBL; DIAMETER: 42 FT; HEIGHT 40 FT A/N: 426411	D46	C239, C240			C1.21, H23.13, H23.19, H.2, K67.6
STORAGE TANK, FIXED ROOF, NO. 10001, CRUDE OIL, WITH A MIXER, 10307 BBL; DIAMETER: 41 FT; HEIGHT 43 FT 10 IN A/N: 540826	D251	C239, C240			C1.21, E71.8, H23.13, H23.20, K67.6
STORAGE TANK, FIXED ROOF, 3503, SLOP OIL, 3700 BBL; DIAMETER: 30 FT; HEIGHT: 28 FT A/N: 494003 Permit to Construct Issued: 06/16/2011	D52	D222, C239, C240			<del>C1.31,</del> H23.13, H23.19, H.2, K67.6
STORAGE TANK, FIXED ROOF, NO. 3503, SLOP OIL, WASTE WATER 3700 BBL; DIAMETER: 30 FT; HEIGHT: 29 FT 5 IN A/N: 539681	D252	C239, C240			C1.31, E71.8, H23.13, H23.20, K67.6

### BACKGROUND:

Lunday-Thagard Co. (LTR) operates a petroleum refinery located at 9302 Garfield Avenue in the city of South Gate. Lunday-Thagard is a small petroleum refinery that receives heavy crude oil from various sources and produces primarily asphalt. Other lighter end products such as gas oil and naphtha are produced and shipped to other refineries for further processing.

Lunday-Thagard Co. (LTR) is proposing to demolish two existing tanks (D46 and D52) and replace with two replacement tanks (D251 and D252). These two replacements tanks will vent to the existing sulfur treatment system (C239/C240) as the tanks being replaced do.

### PERMIT HISTORY:

On, June 29, 2012, the District received a permit-to-construct application and RECLAIM/Title V Permit Amendment for a waste water storage tank to replace existing waste water storage tank D52 with a replacement tank.

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On July 26, 2012, the District received a permit-to-construct application for a crude oil storage tank to replace existing crude oil storage tank D46 with a replacement tank.

On September 25, 2012, at the request of the District, the District received a permit application for modification to the tank vent H2S removal system (C239/C240) to allow this system to receive vent gases from the replacement slop oil/waste water storage tank and replacement crude oil storage tank. Table 1 lists the applications covered in this evaluation.

**Table 1: List of Applications covered in this evaluation**

<u>AN</u>	<u>Status/Type</u>	<u>Equipment Descr./Device No.</u>	<u>Proposed Permit Action</u>
539681	26/50	Storage tank No. 3503(D252)	Construct replacement tank to D52
540826	26/50	Storage tank No. 1001 (D251)	Construct replacement tank to D46
543241	20/50	Tank vent H2S removal system (C239/C240)	Modification to show connections to D251/D252
539680	21/80	N/A	Facility Permit Amendment

**COMPLIANCE RECORD REVIEW:**

From December 1, 2010 through December 1, 2012 no compliance items were found in the District's Compliance Tracking System related to the equipment subject to these applications.

**Rule 301 Fee Evaluation:**

The following fees are applicable to these applications.

**Table 2: Rule 301 Fees**

<u>A/N</u>	<u>Equipment</u>	<u>Type</u>	<u>Fee Schedule</u>	<u>Fee Required</u>	<u>Fees Paid, \$</u>	<u>R301 Amend Date</u>
539681	Storage Tank, D252 (50% expedited processing)	50	C	\$5,039.15	\$5,039.15	7/1/2011
540826	Storage Tank, D251 (50% expedited processing)	50	C	\$5,039.15	\$5,039.15	7/2/2011
543241	Tank Vent H2S removal system	50	C	\$3,440.06	\$3,440.06	7/1/2012
539680	Facility Permit Amendment	80		\$1,747.19	\$1,747.19	7/2/2011
TOTAL:				\$15,265.55	\$15,265.55	
				Net Fee Due:	\$0.00	

**PROCESS DESCRIPTION:**

LTR is 10,000 BPD asphalt topping plant and refinery. Prior to, during, and after the refining process, materials are stored in storage tanks. Crude oil is brought to the refinery via trucks, and stored in one of three crude oil storage tanks (including Tank 10001, the subject of this permit

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application). Also during the refinery process, waste water is generated, and accumulates in two waste water storage tanks (including Tank 3503, the subject of this permit application). All of the crude and waste water storage tanks are connected to the refinery's vapor recovery system they are vented to a sulfur treatment system (C239/C240) and then vented to LTR's Incinerator I-301 (C97) with over 99% destruction efficiency. The sulfur removal system previously used SulfaTreat® media, however the company has requested to use other similar material without the SulfaTreat® registered trademark name, and has provided information on alternative media which shows similar properties to SulfaTreat®. LTR has continuous monitoring to ensure that the vent gas from the tank vent line H2S removal system feeding the incinerator remains below NSPS Subpart J limits (the purpose the sulfur treatment system). The "SulfaTreat"® trademarked will be removed from the equipment description and be replaced with "Sulfur Scrubbing Media".

**Emissions Calculations:**

For fixed roof storage tanks, emissions occur from losses around the vents during tank filling (working losses) and during diurnal changes when the tank is not being filled (breathing losses). More information about these types of tanks can be found on the US EPA's website under AP-42 Chapter 7, Organic Liquid Storage Tanks dated 9/97. These replacement tanks result in no emissions increase.

The features and tank input parameters from the previous application folders (A/N 426411 and 494003) and post-replacement are listed along with the resulting emissions in the Tank 4.0 output printout in Attachment I. Throughput limits are unchanged from the previous applications and the conditions limiting the throughputs (existing Condition C1.21 and Condition C1.31) will be added to D251 and D252, respectively. Tables 3 & 4 contain summaries of the pre-replacement and post-replacement emissions. There are negligible decreases in emissions because of these replacement tanks.

**Table 3: Replacement Storage Tank Emission Summary**  
Uncontrolled Emissions

<u>Device No.</u>	<u>Daily Emissions (Pre-)</u>	<u>30 DA Emissions (Pre-)</u>	<u>Daily Emissions (Post-)</u>	<u>30 DA Emissions (Post-)</u>	<u>30 DA Change</u>
D251	181.50	184.02	180.03	182.53	-1.49
D252	81.33	82.46	79.66	80.76	-1.70

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**Table 4: Replacement Storage Tank Emission Summary**  
Controlled Emissions

<u>Device No.</u>	<u>Daily Emissions (Pre-)</u>	<u>30 DA Emissions (Pre-)</u>	<u>Daily Emissions (Post-)</u>	<u>30 DA Emissions (Post-)</u>	<u>30 DA Change</u>
D251	1.82	1.84	1.81	1.83	-0.01
D252	0.81	0.82	0.80	0.81	-0.01

All these tanks are eventually vented to C97, which has >99% control. Emissions from the tanks programs are reduced by this 99% to account for the control device.

Previous source tests of C97 indicate over 99% VOC destruction efficiency. A source test dated 10/21/2009 showed 99.96% efficiency, a source test dated 8/21/2006 showed 99.82% efficiency – both well above the 99% used to determine the post-replacement VOC emissions. Since there will be no changes in the amount or composition of vent gases going to C97 as a result of replacing these two tanks, the performance of C97 is expected to remain unchanged at > 99% efficiency.

The sulfur removal system is designed to remove sulfur species from the tank vent gases prior to being routed to the incinerator for destruction. The source of VOC emissions from this equipment would be from new fugitive emissions, however, no new fugitive components are expected to be added as part of this modification, therefore emissions increases because of the connection of these replacement tanks to the Tank Vent Line Sulfur Treatment system are not expected.

**EVALUATION AND RULE REVIEW:**

**Rule 212 – Standards for Approving Permits, Amended Nov. 14, 1997**

- 212(a): The two storage tanks and connections to the sulfur treatment system will operate without emitting air contaminants in violation of the provision of Division 26 of the State Health & Safety Code and District rules.
- 212(c)(1) This facility is not located within 1,000 ft of any school.
- 212(c)(2): A 30-day public notice is not required since the VOC increase for each tank is not greater than 30 lb/day as listed in subdivision (g).
- 212(c)(3)(A) Not applicable. The MICR is less than one in a million for each permit unit.
- 212(d): Not required.
- 212(e)-(h): Not applicable.

**Rule 401 – Visible Emissions, Amended Nov. 9, 2001**

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Visible emissions are not expected under normal operation.

**Rule 402 – Nuisance, Adopted May 7, 1976**

Nuisance complaints are not expected with properly maintained equipment. Compliance with rule is expected.

**Rule 463 – Organic Liquid Storage, Amended May 6, 2005**

With capacities greater than 19,815 gallons and used for storage of organic liquids with true vapor pressure greater than 1.5 psi, fixed roof storage tanks the replacement storage tanks are subject to this rule. Condition H23.20 referencing the applicability of this rule will be tagged to these new tanks, as well as Condition K67.6 referencing recordkeeping for this rule. Compliance is expected.

463(c)(3)(A): Tank gauging or sampling device on tanks vented to the vapor recovery system shall be equipped with a vapor-tight cover. The roof of the tanks shall be properly maintained to be vapor-tight and free of holes, tears and uncovered openings. Compliance is expected.

463(c)(3)(B): All piping, valves and fittings shall be constructed and maintained in a vapor-tight condition, in accordance with requirements of other District rules for such equipment. Compliance is expected.

463(c)(3)(C): Incinerator C97, the control device for these storage tanks, has a control efficiency of 99% which is greater than that specified by the rule. Previous source tests of C97 on 10/21/2009 and 8/21/2006 indicate over 99% VOC destruction efficiency. Compliance is expected.

463(d)-(e): Not applicable.

**Rule 1149 – Storage Tank Cleaning and Degassing, Amended July 14, 1995**

VOC emissions during cleaning and degassing of these storage tanks are to be controlled by one of the control methods mentioned in this rule. Condition H23.20 referencing the applicability of this rule will be tagged to these new tanks. Compliance is expected.

**Rule 1173 – Fugitive Emissions of Volatile Organic Compounds, Amended Dec. 6, 2002**

Rule 1173 categorizes leak types and stipulates maintenance & reporting requirements for fugitive components. LTR will not be adding new fugitive components as a result of the modification of the sulfur removal system or the addition of new tanks. Condition H23.13

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referencing the applicability of this rule will be tagged to these new tanks as well as Condition K67.6 referencing recordkeeping for this rule Continued compliance is expected.

**Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities, Amended April 7, 2006**

With capacities greater than 19,815 gallons and used for storage of organic liquids with true vapor pressure greater than 0.1 psi and greater than 20 tons per year of VOC emissions; fixed roof storage tanks D251 and D252 are subject to this rule. Condition H23.20 referencing the applicability of this rule will be tagged to these new tanks.

1178(d)(4)(A)(i): Incinerator C97, the control device for these storage tanks, has a control efficiency of 99% which is greater than that specified by the rule. Previous source tests of C97 on 10/21/2009 and 8/21/2006 indicate over 99% VOC destruction efficiency. Compliance is expected.

1178(d)(4)(A)(ii): Tank gauging or sampling device on tanks will be equipped with a vapor-tight cover, which shall be closed at all times, with no visible gaps. The roof of the tanks shall be properly maintained to be vapor-tight and free of holes, tears and uncovered openings. Compliance is expected.

1178(d)(4)(A)(iii): All openings on the roof will be properly installed and maintained in vapor tight condition. Compliance is expected.

1178(d)(4)(A)(iv): The tanks will each be equipped with pressure-vacuum vents that are set to the lesser of 10% below the maximum working pressure of the roof or 0.5 psig. Compliance is expected.

1178(d)(4)(A)(v): The pressure-vacuum vents will be operated in vapor-tight condition at all times except when the operating pressure of a tank exceeds the manufacturer’s recommended setting. Compliance is expected.

1178(e): The tanks will be permanently identified when reconstructed.

1178(f)(3)(A): LTR has previously done performance testing of this equipment to demonstrate the efficiency of the control device. Continued compliance is expected.

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1178(f)(3)(B): LTR currently does quarterly leak inspections, continued compliance is expected.

***REGULATION XIII – New Source Review***

Being a RECLAIM facility, LTR is only subject to New Source Review for VOC.

**Rule 1303 – REQUIREMENTS, Amended Dec. 6, 2002**

1303(a) – BACT: Construction of replacement storage tanks D251 & D252 each have an uncontrolled VOC emission increase of greater than 1 lb/day. BACT for a fixed roof storage tank is connection to vapor recovery with > 99% control efficiency. Both D251 and D252 will be connected to Incinerator C97, which has >99% efficiency (as the previous tanks were). BACT will be fulfilled by connection of these tanks to C97 (subsequent to the sulfur treatment system).

1303(b)(1): Modeling: Modeling is not required for VOC emissions

1303(b)(2): Offsets: Offsets are not required since there is no net emission increase.

1303(b)(2)(B): Short Term Credits. Not applicable

1303(b)(2)(C): Specific VOC ERCs. Not applicable

1303(b)(3): Sensitivity Zone Requirements. Not applicable

1303(b)(4): Facility Compliance: The facility is operating in compliance with all District rules and regulations.

1303(b)(5): Major Polluting Facilities.

This refinery is a major polluting facility. However, there are no emissions increases; therefore this is not considered a major modification.

***REGULATION XIV – Toxics and Other Non-Criteria Pollutants***

**Rule 1401 – New Source Review of Toxic Air Contaminants, Amended March 4, 2005**

This rule specifies limits for maximum individual cancer risk (MICR), cancer burden, and non-cancer acute and chronic hazard index (HI) for new permit units, relocations, or modifications to existing permits which emit toxic air contaminants (TAC).

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Rule 1401(g)(1)(B) exempts modification of permit units with no increase in cancer burden, MICR, or chronic HI at any receptor location. The replacement of these two tanks results no increase in emissions. The toxic air contaminants in the crude oil are not changing, so there is no increase in the cancer burden, MICR or the chronic HI at any receptor location. Therefore the replacement of these tanks is not subject to the requirements of Rule 1401(d).

***REGULATION XX – RECLAIM PERMITS***

- 2005(b): Not applicable. Lunday-Thagard South Gate refinery is an existing facility
- 2005(c): Not applicable. There are no increases in NOx or SOx emissions.
- 2005(d): Not applicable.
- 2005(e): Not applicable.
- 2005(f): Not applicable.
- 2005(g): Additional Federal Requirements for Major Stationary Sources.  
The Lunday-Thagard South Gate facility is a major stationary source as defined in the Clean Air Act. However, there are no NOx or SOx emissions increases from this equipment.
- 2005(h): There is no increase in NOx or SOx emissions from this equipment, and hence, public notice pursuant to 212(g) is not required.
- 2005(i): See Rule 1401 section of evaluation. Compliance is met.

***REGULATION XXX – TITLE V PERMITS***

Lunday-Thagard Co. was issued a final Title V operating permit on October 29, 2009. This application is classified as a significant permit revision as defined in 3000(b)(31)(I), because the permit is for construction of new equipment subject to NSPS. These reconstructed tanks are subject to 40 CFR 60 Subpart Kb. The revision is subject to a 45-day EPA review per Rule 3003(j)(1)(B), State review per 3003(m)(1) and requires public participation per 3006(b).

The proposed significant permit revision shall be submitted to the EPA and State, and for public participation.

***STATE REGULATIONS***

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**California Environmental Quality Act (CEQA)**

The applicant has submitted 400-CEQA Forms, California Environmental Quality Act Applicability, indicating that CEQA documents are not required.

***FEDERAL REGULATIONS***

NSPS for Petroleum Refinery – 40CFR60 Subpart J

**§60.104: Standards for sulfur dioxide.**

§60.104(a)(1): LTR has a sulfur treatment system serving the storage tank vent line which is installed so that no fuel gas will be burned in C97 that contains hydrogen sulfide (H<sub>2</sub>S) in excess of 160 ppm. As part of this permitting action the new waste water and crude oil storage tanks will be connected to this sulfur treatment system. No impact to current compliance to C97 is expected.

**§60.105: Monitoring of emissions and operations.**

§60.105(a)(4): LTR has installed a CEMS for continuously measuring and monitoring the concentration of H<sub>2</sub>S in the fuel gases before being burned incinerator C97. Compliance is expected.

NSPS for Petroleum Refinery Equipment VOC Leaks – 40CFR60 Subpart GGGa

Applicability: Pursuant to §60.590a(a)(3), the fugitive components contained in the sulfur treatment system is an affected facility. Since LTR is also a petroleum refinery, this subpart is applicable. The sulfur treatment system has been and will remain subject to the provisions of this Subpart. Continued compliance is expected.

**§60.592a: Standards.**

The standard specifies what the leak thresholds are for prospective fugitive components as well as the timeframe to make repairs. This standard also specifies recordkeeping and reporting requirements.

NSPS for Storage Tanks – 40CFR60 Subpart Kb

**§ 60.112b: Standard for volatile organic compounds (VOC).**

These replacement tanks D251 and D252 are considered new construction and meets the criteria of subparagraph (a)(1) because this modification is commencing after the effective date of July 23, 1984 and this tank is greater than 75 m<sup>3</sup> and used to store volatile organic liquids.

60.112b(a)(3): This tank is vented to a closed vent system and control device. Compliance is expected.

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60.112b(a)(3)(i): The closed vent system is designed to collect all VOC vapors from these storage tanks and are operated with no detectable emissions > 500 ppm. Compliance is expected.

60.112b(a)(3)(ii): The requirements of this subsection are very similar to SCAQMD Rule 1178(d)(4)(i). The control device (C97) reduces VOC emissions by more than 95%, therefore, compliance is expected.

Condition H23.19, which references District Rules 463, 1149, and 1178 for Tanks D46 and D52 will be replaced by Condition H23.20 which references District Rules 463, 1149, and 1178, and additionally NSPS Subpart Kb for the replacement tanks D251 and D252.

**RECOMMENDATION:**

It is recommended that Permits to Construct be issued in the Facility Permit Section H subject to the following conditions:

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DEVICE ID.	FP COND. NO.	CONDITION
<u>D46, D251</u>	<i>C1.21</i>	<p>The operator shall limit the throughput to no more than 97,984 barrels in any one calendar month.</p> <p>The operator shall calculate the throughput, in barrels, by the following equation: <math>0.14 \times D \times D \times L</math>, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way product level travel in feet per month.</p> <p>The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the product level. For the purpose of this condition, continuous recording is defined as once every 15 minutes.</p> <p>The operator shall calculate the total one-way product level movement, in feet, on a daily and monthly basis.</p> <p>The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.</p> <p>In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.</p> <p>[Rule 1303(b)(2)-Offset, 5-10-1996; Rule 1303(b)(2)-Offset, 12-6-2002]</p> <p>[Devices subject to this condition: <u>D46, D251</u>]</p>

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DEVICE ID.	FP COND. NO.	CONDITION
<u>D52, D252</u>	<u>C1.31</u>	<p>The operator shall limit the throughput to no more than 31,000 barrels in any one calendar month.</p> <p>The operator shall calculate the throughput, in barrels, by the following equation: <math>0.14 \times D \times D \times L</math>, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way product level travel in feet per month.</p> <p>The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the product level. For the purpose of this condition, continuous recording is defined as once every 15 minutes.</p> <p>The operator shall calculate the total one-way product level movement, in feet, on a daily and monthly basis.</p> <p>The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.</p> <p>In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.</p> <p><b>[Rule 1303(b)(2)-Offset, 5-10-1996; Rule 1303(b)(2)-Offset, 12-6-2002]</b></p> <p><b>[Devices subject to this condition: D49, <del>D52</del>, D252]</b></p>
<u>D251, D252</u>	<u>E71.8</u>	<p>The operator shall not begin operation of this equipment until storage tanks D46 (A/N 426411) and D52 (A/N 494003) have been shut down and permits surrendered.</p> <p><b>[Rule 1313(d), 12-7-1995]</b></p> <p><b>[Devices subject to this condition: D251, D252]</b></p>

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DEVICE ID.	FP COND. NO.	CONDITION											
C239, C240	<b>E193.2</b>	<p>The operator shall operate and maintain this equipment as follows:</p> <p>Two vessels in total: one in operation, the other in stand-by.</p> <p>[1303(b)(2)-Offset, 5-10-1996; 1303(b)(2)-Offset, 12-6-2002]</p> <p>[Devices subject to this condition: C220, C221, C239, C240]</p>											
C239, C240	<b>E193.4</b>	<p>The operator shall operate and maintain this equipment as follows:</p> <p>During media change-out operations, spent media shall:</p> <ol style="list-style-type: none"> <li>1) Be placed immediately into sealed containers after removal</li> <li>2) During breaks in media removal activities, all vessels and/or containers containing spent media shall be sealed and not exposed to the atmosphere</li> </ol> <p>[Rule 402, 5-7-1976]</p> <p>[Devices subject to this condition: C239, C240]</p>											
C239, C240	<b>E193.5</b>	<p>The operator shall operate and maintain this equipment as follows:</p> <p>Equipment shall only receive displaced gases from C217, C218, or C219 when such vessels are out of services for media removal operations.</p> <p>[Rule 402, 5-7-1976]</p> <p>[Devices subject to this condition: C239, C240]</p>											
<u>D251, D252</u>	<b>H23.13</b>	<p>This equipment is subject to the applicable requirements of the following rules or regulations:</p> <table border="1"> <thead> <tr> <th>Contaminant</th> <th>Rule</th> <th>Rule / Subpart</th> </tr> </thead> <tbody> <tr> <td>VOC</td> <td>District Rule</td> <td>1173</td> </tr> </tbody> </table> <p>[RULE 1173, 5-13-1994; Rule 1173, 2-6-2009]</p> <p>[Devices subject to this condition: D35, D45, <del>D46</del>, D47, D48, D49, D50, D51, <del>D52</del>, D68, D74, <u>D251, D252</u>]</p>			Contaminant	Rule	Rule / Subpart	VOC	District Rule	1173			
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C239, C240	<b>H23.17</b>	<p>This equipment is subject to the applicable requirements of the following rules or regulations:</p> <table border="1"> <thead> <tr> <th>Contaminant</th> <th>Rule</th> <th>Rule / Subpart</th> </tr> </thead> <tbody> <tr> <td>VOC</td> <td>District Rule</td> <td>1173</td> </tr> <tr> <td>VOC</td> <td>40CFR60, SUBPART</td> <td>GGGa</td> </tr> </tbody> </table>			Contaminant	Rule	Rule / Subpart	VOC	District Rule	1173	VOC	40CFR60, SUBPART	GGGa
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VOC	40CFR60, SUBPART	GGGa											

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DEVICE ID.	FP COND. NO.	CONDITION																	
		<p>[<b>RULE 1173, 5-13-1994</b>; Rule 1173, 2-6-2009, <b>40CFR 60 Subpart GGGa, 6-2-2008</b>]</p> <p>[Devices subject to this condition: D35, D45, <del>D46</del>, D47, D48, D49, D50, D51, <del>D52</del>, D68, D74, <u>D251, D252</u>]</p>																	
D246, D52	<b><u>H23.19</u></b>	<p>This equipment is subject to the applicable requirements of the following rules or regulations:</p> <table border="1"> <thead> <tr> <th>Contaminant</th> <th>Rule</th> <th>Rule/Subpart</th> </tr> </thead> <tbody> <tr> <td>VOC</td> <td>District Rule</td> <td>463</td> </tr> <tr> <td>VOC</td> <td>District Rule</td> <td>1149</td> </tr> <tr> <td>VOC</td> <td>District Rule</td> <td>1178</td> </tr> </tbody> </table> <p>[<b>Rule 1149, 7-14-1995</b>; Rule 1149, 5-2-2008; <b>Rule 1178, 4-7-2006, Rule 463, 5-6-2005</b>]</p> <p>[Devices subject to this condition: D46, D52]</p>			Contaminant	Rule	Rule/Subpart	VOC	District Rule	463	VOC	District Rule	1149	VOC	District Rule	1178			
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DEVICE ID.	FP COND. NO.	CONDITION
<del>D45, D52</del>	<del>H.2</del>	<p>The operator shall comply with all the requirements of the conditions and compliance schedule as specified in the Variance Case No. 2033-17, issued on 01/17/2007, or any subsequent modification in accordance with the Finding and Decisions of the Hearing Board or as subsequently modified by the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.</p> <p>The variance (or Order for Abatement) referenced in this condition does not affect federal or citizen enforceability of the underlying SIP approved rules for which the applicant is receiving the variance (or Order for Abatement).</p> <p><del>[RULE 3004(a)(10)(C), 12-12-1997]</del></p> <p><del>[Devices subject to this condition: D45, D46, D47, D48, D49, D50, D51, D52, D68, D74]</del></p>
D251, D252	K67.6	<p>The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):</p> <p>Tank throughput in barrels per month.</p> <p>Commodity/product stored</p> <p>Vapor pressure, in psia, of each commodity/product stored on a quarterly basis.</p> <p>Other records that may be required to comply with the applicable requirements of District Rules 463 &amp; 1173.</p> <p>Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.</p> <p><b>[RULE 1303(b)(2)-Offset, 5-10-1996; Rule 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]</b></p> <p>[Devices subject to this condition: D35, D45, <del>D46</del>, D47, D48, D49, D50, D51, <del>D52</del>, D68, D74, <u>D251, D252</u>]</p>

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List of Attachments:	
1:	EPA Tanks 4.0 Printout/Emissions from Previous Applications