

Dominion Resources Services, Inc.
5000 Dominion Boulevard, Glen Allen, VA 23060
dom.com



January 18, 2017

BY: U.S. CERTIFIED MAIL, RETURN RECEIPT REQUESTED

7015 0640 0001 0352 4437

William F. Durham
Director, Division of Air Quality
WVDEP
601 57th Street
Charleston, WV 25304

**RE: Dominion Transmission, Inc. – Lightburn Compressor Station (ID# 041-00013)
R13 Class II Administrative Update (Permit No. R13-2823D)**

Dear Mr. Durham,

Enclosed are one complete original and two (2) cd copies of a 45 CSR 13 Class II Administrative Update permit application for Dominion Transmission, Inc.'s Lightburn Compressor Station (which includes the Lightburn Extraction Plant) for a request to:

- Remove Section 6.0 as the regenerator heater (010-01) was never installed.
- Section 10 – Permit Condition 10.1.3, 10.3.3, 10.4.3, and 10.4.6 are referencing that the emergency and maintenance flare (FLARE3) is subject to either NESHAP Subpart HH or HHH. To be subject to one of these NESHAP rules, a glycol dehydration unit must be installed at the facility. FLARE3 is not subject to either NESHAP regulation as there is not a glycol dehydration unit installed at the Lightburn Extraction Plant. FLARE3 is at the facility to control VOC emissions from emergency venting and during various non-routine maintenance activities of four (4) tanks (008-01 thru 008-04) and two (2) loading racks (009-01 and 009-02). Therefore, we request that these conditions (and any conditions placed in the permit because of this assumption) be removed from the permit.
- Sections 11.0 and 12.0 - We request to only put in applicable and current requirements that apply to the specific emission unit(s) mentioned in this section to improve clarity and ensure compliance.

The enclosed application also includes the Title V Operating Permit revision forms for permit R30-04100013-2012.

The public notice affidavit will be submitted to WVDEP once it is received from the newspaper.

If you have any questions regarding this application, please feel free to contact Rebekah Kiss at (804) 273-3536 or Rebekah.J.Kiss@dom.com.

Sincerely,

A handwritten signature in blue ink that reads "Amanda B. Tornabene". The signature is fluid and cursive, with the first name "Amanda" being more prominent than the last name "Tornabene".

Amanda B. Tornabene
Director, Energy Infrastructure Environmental Services

CC: Rebekah Kiss

Enclosure: R13 Application

**APPLICATION FOR R13 PERMIT
CLASS II ADMINISTRATIVE UPDATE**

**Dominion Transmission, Inc.
Lightburn Compressor Station
Station ID# 041-00013**

January 2017

**DOMINION TRANSMISSION, INC.
LIGHTBURN COMPRESSOR STATION**

CLASS II ADMINISTRATIVE UPDATE

TABLE OF CONTENTS

Application for Permit to Construct, Modify, Relocate or Administratively Update a Stationary Source of Air Pollutants

ATTACHMENTS

Attachment A:	Business Certificate
Attachment B:	Maps
Attachment D:	Regulatory Discussion
Attachment E:	Plot Plan
Attachment G:	Process Description
Attachment P:	Public Notice
Attachment S:	Title V Permit Revision Information

**Note: There are no Attachments C, F, H-O, Q, or R for this permit application.



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR QUALITY

601 57th Street, SE
Charleston, WV 25304
(304) 926-0475
www.dep.wv.gov/daq

**APPLICATION FOR NSR PERMIT
AND
TITLE V PERMIT REVISION
(OPTIONAL)**

PLEASE CHECK ALL THAT APPLY TO **NSR (45CSR13)** (IF KNOWN):

- CONSTRUCTION MODIFICATION RELOCATION
 CLASS I ADMINISTRATIVE UPDATE TEMPORARY
 CLASS II ADMINISTRATIVE UPDATE AFTER-THE-FACT

PLEASE CHECK TYPE OF **45CSR30 (TITLE V)** REVISION (IF ANY):

- ADMINISTRATIVE AMENDMENT MINOR MODIFICATION
 SIGNIFICANT MODIFICATION

IF ANY BOX ABOVE IS CHECKED, INCLUDE TITLE V REVISION INFORMATION AS **ATTACHMENT S** TO THIS APPLICATION

FOR TITLE V FACILITIES ONLY: Please refer to "Title V Revision Guidance" in order to determine your Title V Revision options (Appendix A, "Title V Permit Revision Flowchart") and ability to operate with the changes requested in this Permit Application.

Section I. General

1. Name of applicant (as registered with the WV Secretary of State's Office): Dominion Transmission, Inc.		2. Federal Employer ID No. (FEIN): 550629203	
3. Name of facility (if different from above): Lightburn Compressor Station		4. The applicant is the: <input type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> BOTH	
5A. Applicant's mailing address: 925 White Oaks Blvd. Bridgeport, WV 26330		5B. Facility's present physical address: 6486 Old Mill Road Jane Lew, WV 26378	
6. West Virginia Business Registration. Is the applicant a resident of the State of West Virginia? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <ul style="list-style-type: none"> If YES, provide a copy of the Certificate of Incorporation/Organization/Limited Partnership (one page) including any name change amendments or other Business Registration Certificate as Attachment A. If NO, provide a copy of the Certificate of Authority/Authority of L.L.C./Registration (one page) including any name change amendments or other Business Certificate as Attachment A. 			
7. If applicant is a subsidiary corporation, please provide the name of parent corporation:			
8. Does the applicant own, lease, have an option to buy or otherwise have control of the <i>proposed site</i> ? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <ul style="list-style-type: none"> If YES, please explain: Own If NO, you are not eligible for a permit for this source. 			
9. Type of plant or facility (stationary source) to be constructed, modified, relocated, administratively updated or temporarily permitted (e.g., coal preparation plant, primary crusher, etc.): Natural gas compressor station		10. North American Industry Classification System (NAICS) code for the facility: 486210	
11A. DAQ Plant ID No. (for existing facilities only): 041-00013		11B. List all current 45CSR13 and 45CSR30 (Title V) permit numbers associated with this process (for existing facilities only): R13-2823D, R14-0009E, R30-04100013-2012	

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

<p>12A.</p> <ul style="list-style-type: none"> For Modifications, Administrative Updates or Temporary permits at an existing facility, please provide directions to the <i>present location</i> of the facility from the nearest state road; For Construction or Relocation permits, please provide directions to the <i>proposed new site location</i> from the nearest state road. Include a MAP as Attachment B. <p>From Charleston, take I-79N to Jane Lew. Take Exit 105 (Jane Lew Exit) and make a left on County Road 7 (Berkin-Jane Lew Road). Stay on CR-7 until it intersects Route 19 (Main Avenue). Make a right on Route 19 and make the immediate left on Broad Run Road. Stay on Broad Run Road until it intersects County Road 1 (Old Mill Road/Fork River Road/Jackson Mill Road) and make a right. Stay on CR-1 for about 500 yards and Lightburn Station is on the right.</p>		
12.B. New site address (if applicable):	12C. Nearest city or town: Jane Lew	12D. County: Lewis
12.E. UTM Northing (KM): 4,331.2792	12F. UTM Easting (KM): 547.4529	12G. UTM Zone: 17
<p>13. Briefly describe the proposed change(s) at the facility: Correcting permit language and conditions.</p>		
<p>14A. Provide the date of anticipated installation or change: N/A</p> <ul style="list-style-type: none"> If this is an After-The-Fact permit application, provide the date upon which the proposed change did happen: 		<p>14B. Date of anticipated Start-Up if a permit is granted: N/A</p>
<p>14C. Provide a Schedule of the planned Installation of/Change to and Start-Up of each of the units proposed in this permit application as Attachment C (if more than one unit is involved).</p>		
<p>15. Provide maximum projected Operating Schedule of activity/activities outlined in this application: Hours Per Day 24 Days Per Week 7 Weeks Per Year 52 (8,760 hrs/yr)</p>		
<p>16. Is demolition or physical renovation at an existing facility involved? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>		
<p>17. Risk Management Plans. If this facility is subject to 112(r) of the 1990 CAAA, or will become subject due to proposed changes (for applicability help see www.epa.gov/ceppo), submit your Risk Management Plan (RMP) to U. S. EPA Region III.</p>		
<p>18. Regulatory Discussion. List all Federal and State air pollution control regulations that you believe are applicable to the proposed process (<i>if known</i>). A list of possible applicable requirements is also included in Attachment S of this application (Title V Permit Revision Information). Discuss applicability and proposed demonstration(s) of compliance (<i>if known</i>). Provide this information as Attachment D.</p>		
<p>Section II. Additional attachments and supporting documents.</p>		
<p>19. Include a check payable to WVDEP – Division of Air Quality with the appropriate application fee (per 45CSR22 and 45CSR13).</p>		
<p>20. Include a Table of Contents as the first page of your application package.</p>		
<p>21. Provide a Plot Plan, e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is or is to be located as Attachment E (Refer to Plot Plan Guidance).</p> <ul style="list-style-type: none"> Indicate the location of the nearest occupied structure (e.g. church, school, business, residence). 		
<p>22. Provide a Detailed Process Flow Diagram(s) showing each proposed or modified emissions unit, emission point and control device as Attachment F.</p>		
<p>23. Provide a Process Description as Attachment G.</p> <ul style="list-style-type: none"> Also describe and quantify to the extent possible all changes made to the facility since the last permit review (if applicable). 		
<p>All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.</p>		
<p>24. Provide Material Safety Data Sheets (MSDS) for all materials processed, used or produced as Attachment H.</p> <ul style="list-style-type: none"> For chemical processes, provide a MSDS for each compound emitted to the air. 		

25. Fill out the **Emission Units Table** and provide it as **Attachment I**.

26. Fill out the **Emission Points Data Summary Sheet (Table 1 and Table 2)** and provide it as **Attachment J**.

27. Fill out the **Fugitive Emissions Data Summary Sheet** and provide it as **Attachment K**.

28. Check all applicable **Emissions Unit Data Sheets** listed below:

<input type="checkbox"/> Bulk Liquid Transfer Operations	<input type="checkbox"/> Haul Road Emissions	<input type="checkbox"/> Quarry
<input type="checkbox"/> Chemical Processes	<input type="checkbox"/> Hot Mix Asphalt Plant	<input type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities
<input type="checkbox"/> Concrete Batch Plant	<input type="checkbox"/> Incinerator	<input type="checkbox"/> Storage Tanks
<input type="checkbox"/> Grey Iron and Steel Foundry	<input type="checkbox"/> Indirect Heat Exchanger	
<input type="checkbox"/> General Emission Unit, specify		

Fill out and provide the **Emissions Unit Data Sheet(s)** as **Attachment L**.

29. Check all applicable **Air Pollution Control Device Sheets** listed below:

<input type="checkbox"/> Absorption Systems	<input type="checkbox"/> Baghouse	<input type="checkbox"/> Flare (Vapor Incinerator)
<input type="checkbox"/> Adsorption Systems	<input type="checkbox"/> Condenser	<input type="checkbox"/> Mechanical Collector
<input type="checkbox"/> Afterburner	<input type="checkbox"/> Electrostatic Precipitator	<input type="checkbox"/> Wet Collecting System

Other Collectors, specify

Fill out and provide the **Air Pollution Control Device Sheet(s)** as **Attachment M**.

30. Provide all **Supporting Emissions Calculations** as **Attachment N**, or attach the calculations directly to the forms listed in Items 28 through 31.

31. **Monitoring, Recordkeeping, Reporting and Testing Plans.** Attach proposed monitoring, recordkeeping, reporting and testing plans in order to demonstrate compliance with the proposed emissions limits and operating parameters in this permit application. Provide this information as **Attachment O**.

➤ Please be aware that all permits must be practically enforceable whether or not the applicant chooses to propose such measures. Additionally, the DAQ may not be able to accept all measures proposed by the applicant. If none of these plans are proposed by the applicant, DAQ will develop such plans and include them in the permit.

32. **Public Notice.** At the time that the application is submitted, place a **Class I Legal Advertisement** in a newspaper of general circulation in the area where the source is or will be located (See 45CSR§13-8.3 through 45CSR§13-8.5 and **Example Legal Advertisement** for details). Please submit the **Affidavit of Publication** as **Attachment P** immediately upon receipt.

33. **Business Confidentiality Claims.** Does this application include confidential information (per 45CSR31)?

YES NO

➤ If **YES**, identify each segment of information on each page that is submitted as confidential and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "**Precautionary Notice – Claims of Confidentiality**" guidance found in the **General Instructions** as **Attachment Q**.

Section III. Certification of Information

34. **Authority/Delegation of Authority.** Only required when someone other than the responsible official signs the application. Check applicable **Authority Form** below:

<input type="checkbox"/> Authority of Corporation or Other Business Entity	<input type="checkbox"/> Authority of Partnership
<input type="checkbox"/> Authority of Governmental Agency	<input type="checkbox"/> Authority of Limited Partnership

Submit completed and signed **Authority Form** as **Attachment R**.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

35A. **Certification of Information.** To certify this permit application, a Responsible Official (per 45CSR§13-2.22 and 45CSR§30-2.28) or Authorized Representative shall check the appropriate box and sign below.

Certification of Truth, Accuracy, and Completeness

I, the undersigned **Responsible Official** / **Authorized Representative**, hereby certify that all information contained in this application and any supporting documents appended hereto, is true, accurate, and complete based on information and belief after reasonable inquiry I further agree to assume responsibility for the construction, modification and/or relocation and operation of the stationary source described herein in accordance with this application and any amendments thereto, as well as the Department of Environmental Protection, Division of Air Quality permit issued in accordance with this application, along with all applicable rules and regulations of the West Virginia Division of Air Quality and W.Va. Code § 22-5-1 et seq. (State Air Pollution Control Act). If the business or agency changes its Responsible Official or Authorized Representative, the Director of the Division of Air Quality will be notified in writing within 30 days of the official change.

Compliance Certification

Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.

SIGNATURE 
(Please use blue ink)

DATE: 01/06/2011
(Please use blue ink)

35B. Printed name of signee: Brian Sheppard

35C. Title: Vice President, Pipeline Operations

35D. E-mail: Brian.C.Sheppard@dom.com

35E. Phone: (681) 842-3733

35F. FAX: (681) 842-3323

36A. Printed name of contact person (if different from above): Rebekah Kiss

36B. Title: Environmental Consultant

36C. E-mail: Rebekah.J.Kiss@dom.com

36D. Phone: 804-273-3536

36E. FAX: 804-273-2964

PLEASE CHECK ALL APPLICABLE ATTACHMENTS INCLUDED WITH THIS PERMIT APPLICATION:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Attachment A: Business Certificate | <input type="checkbox"/> Attachment K: Fugitive Emissions Data Summary Sheet |
| <input checked="" type="checkbox"/> Attachment B: Map(s) | <input type="checkbox"/> Attachment L: Emissions Unit Data Sheet(s) |
| <input type="checkbox"/> Attachment C: Installation and Start Up Schedule | <input type="checkbox"/> Attachment M: Air Pollution Control Device Sheet(s) |
| <input checked="" type="checkbox"/> Attachment D: Regulatory Discussion | <input type="checkbox"/> Attachment N: Supporting Emissions Calculations |
| <input checked="" type="checkbox"/> Attachment E: Plot Plan | <input type="checkbox"/> Attachment O: Monitoring/Recordkeeping/Reporting/Testing Plans |
| <input type="checkbox"/> Attachment F: Detailed Process Flow Diagram(s) | <input checked="" type="checkbox"/> Attachment P: Public Notice |
| <input checked="" type="checkbox"/> Attachment G: Process Description | <input type="checkbox"/> Attachment Q: Business Confidential Claims |
| <input type="checkbox"/> Attachment H: Material Safety Data Sheets (MSDS) | <input type="checkbox"/> Attachment R: Authority Forms |
| <input type="checkbox"/> Attachment I: Emission Units Table | <input checked="" type="checkbox"/> Attachment S: Title V Permit Revision Information |
| <input type="checkbox"/> Attachment J: Emission Points Data Summary Sheet | <input checked="" type="checkbox"/> Application Fee |

Please mail an original and three (3) copies of the complete permit application with the signature(s) to the DAQ, Permitting Section, at the address listed on the first page of this application. Please DO NOT fax permit applications.

FOR AGENCY USE ONLY – IF THIS IS A TITLE V SOURCE:

- Forward 1 copy of the application to the Title V Permitting Group and:
- For Title V Administrative Amendments:
 - NSR permit writer should notify Title V permit writer of draft permit,
- For Title V Minor Modifications:
 - Title V permit writer should send appropriate notification to EPA and affected states within 5 days of receipt,
 - NSR permit writer should notify Title V permit writer of draft permit.
- For Title V Significant Modifications processed in parallel with NSR Permit revision:
 - NSR permit writer should notify a Title V permit writer of draft permit,
 - Public notice should reference both 45CSR13 and Title V permits,
 - EPA has 45 day review period of a draft permit.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

Attachment A

Current Business Certificate

**WEST VIRGINIA
STATE TAX DEPARTMENT
BUSINESS REGISTRATION
CERTIFICATE**

ISSUED TO:
**DOMINION TRANSMISSION INC
445 W MAIN ST
CLARKSBURG, WV 26301-2843**

BUSINESS REGISTRATION ACCOUNT NUMBER: **1038-3470**

This certificate is issued on: **06/8/2011**

*This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code*

*The person or organization identified on this certificate is registered
to conduct business in the State of West Virginia at the location above.*

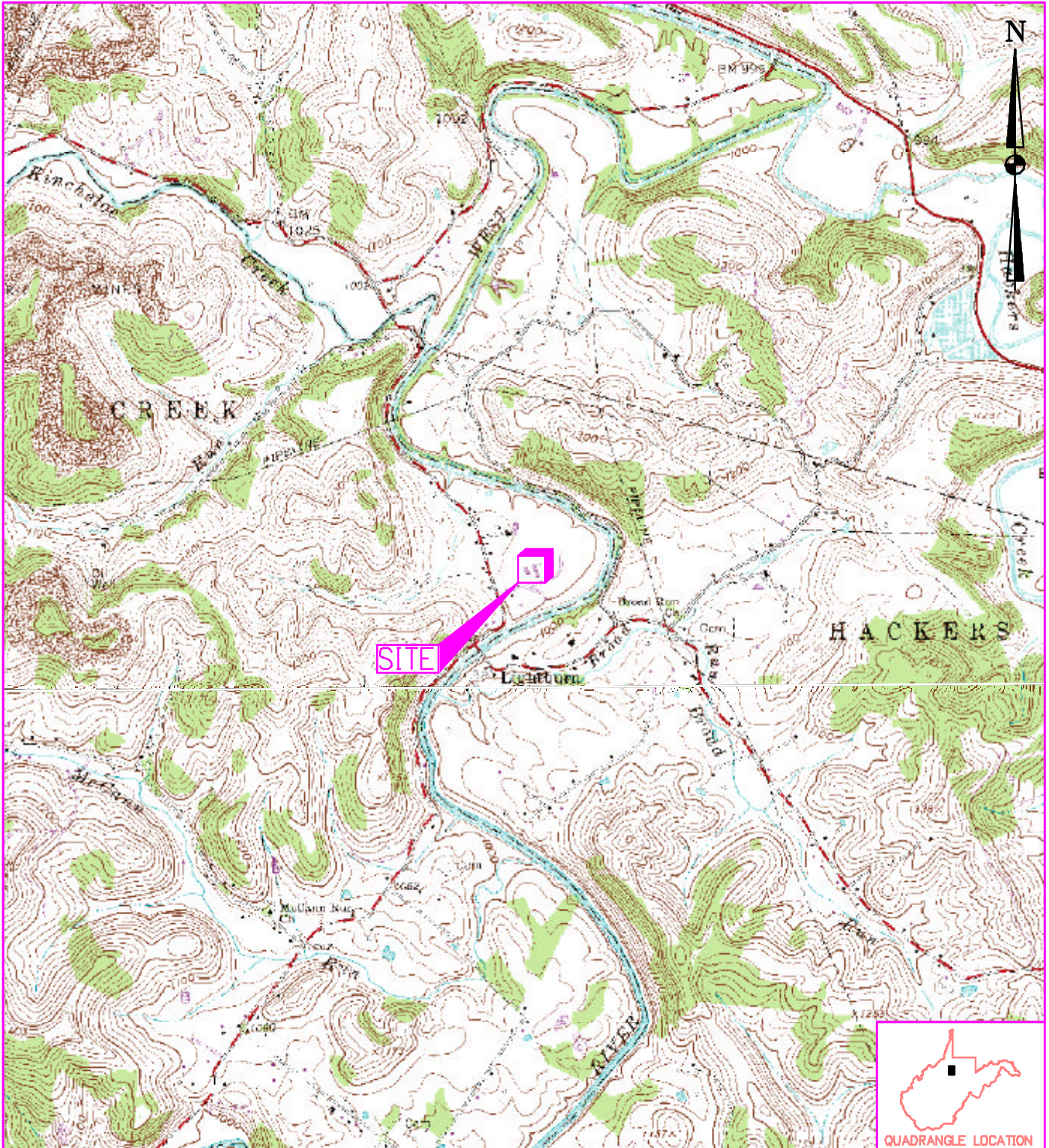
This certificate is not transferrable and must be displayed at the location for which issued.
This certificate shall be permanent until cessation of the business for which the certificate of registration
was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.

Change in name or change of location shall be considered a cessation of the business and a new
certificate shall be required.

TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them.
CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of
this certificate displayed at every job site within West Virginia.

Attachment B

Maps



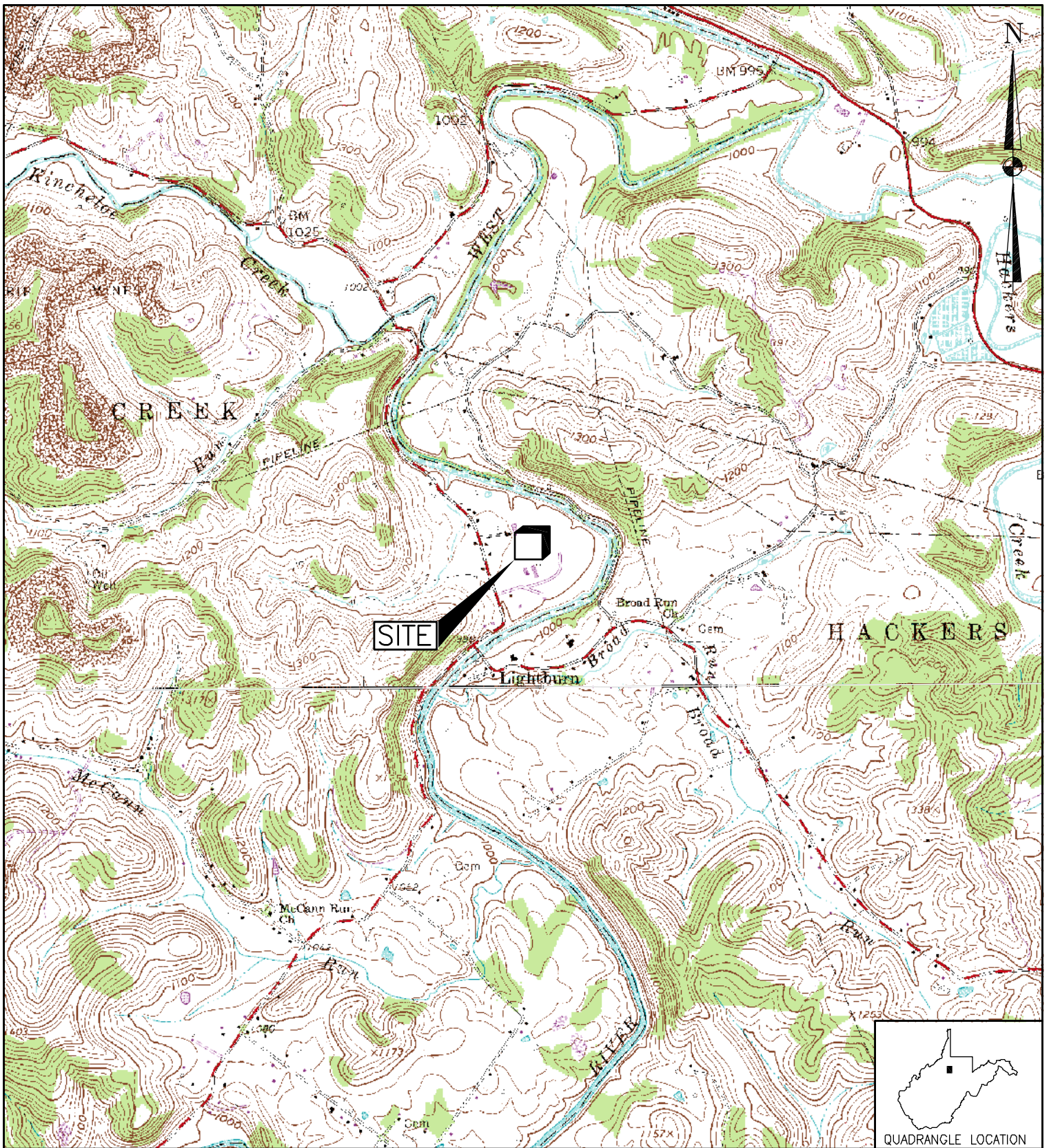
REFERENCE: USGS 7.5' QUADRANGLE MAPS OF: WEST MILFORD, WEST VIRGINIA; DATED 1961, PHOTOREVISED 1976, AND WESTON, WEST VIRGINIA; DATED 1961, PHOTOREVISED 1977.

DRAWN BY	DJF
DATE	
CHECKED BY	
SET JOB NO.	204046
SET DWG FILE	LIGHTBURNm01.dwg
DRAWING SCALE	1"=2000'



98 Vanadium Road Bridgeville, PA 15017 (412) 221-1180

DOMINION TRANSMISSION	
LIGHTBURN COMPRESSOR STATION LEWIS COUNTY, WEST VIRGINIA SITE LOCATION MAP	
DRAWING NO.	FIGURE 1
REV.	0



REFERENCE: USGS 7.5' QUADRANGLE MAPS OF: WEST MILFORD, WEST VIRGINIA; DATED 1961, PHOTOREVISED 1976, AND WESTON, WEST VIRGINIA; DATED 1961, PHOTOREVISED 1977.

DRAWN BY	DJF
DATE	3/10/11
CHECKED BY	RAD
SET JOB NO.	210164
SET DWG FILE	LIGHTBURN_NGLm01.dwg
DRAWING SCALE	1"=2000'



98 Vanadium Road Bridgeville, PA 15017 (412) 221-1100

DOMINION TRANSMISSION	
LIGHTBURN NGL PLANT LEWIS COUNTY, WEST VIRGINIA SITE LOCATION MAP	
DRAWING NO.	FIGURE 1
REV.	0

Attachment D

Regulatory Discussion

REGULATORY DISCUSSION

This section provides an air quality regulatory review of the proposed Class II Administrative Update to Lightburn Compressor Station.

- National Emission Standards for Hazardous Air Pollutants (NESHAP) (40 CFR 63)
- New Source Performance Standards (NSPS) (40 CFR 60)
- West Virginia Minor Source Permitting (WV Regulation 13)

NESHAP Subpart HH

Lightburn Compressor Station (LCS) and Lightburn Extraction Plant (LEP) are two separate facilities for determining major source status under NESHAPs as one is a transmission/storage facility (LCS) and one is a production/gathering facility (LEP). LCS's potential emissions are such that it is a major source of HAPs, while LEP's potential emissions are a minor source of HAPs.

- Major source of HAP – 10 tons/yr or more of an individual HAP or 25 tons/yr or more of the combined HAPs.
- Area source of HAP – Less than 10 tons/yr of an individual HAP and less than 25 tons/yr of the combined HAPs.

The emergency and maintenance flare (FLARE3) at LEP is a flare that controls VOC emissions from emergency venting and during various non-routine maintenance activities of four (4) tanks (008-01 thru 008-04) and two (2) loading racks (009-01 and 009-02). The current R13-2823D permit (and Title V permit R30-04100013-2012) states FLARE3 at LEP is subject to either NESHAP Subpart HH or HHH (per R13 conditions 10.1.3, 10.3.3, 10.4.3, and 10.4.6).

- NESHAP Subpart HHH – FLARE3 would not be subject to this subpart as it is an area source of HAP located at LEP, which is a production/gathering facility. Subpart HHH only applies to transmission/storage facilities at major sources of HAP.
- NESHAP Subpart HH - Since LEP is a production/gathering facility at an area source, LEP would potentially be subject to the applicability in NESHAP Subpart HH. NESHAP Subpart HH for area sources only affects triethylene glycol dehydration units (40 C.F.R. §63.760(b)(2)) of which there are none at LEP. Therefore, FLARE3 is not subject to NESHAP Subpart HH.

A request of this permit action is to remove the NESHAP Subpart HH/HHH requirements (and any conditions placed in the permit because of this assumption) for FLARE3.

NSPS Subpart IIII

LEP consists of two (2) diesel fire pump engines (EN10 and EN11) that are subject to NSPS Subpart IIII as the manufacturer date of the engines was after the applicability date as stated in §60.4200(a)(2). The applicable requirements are as follows:

- Emission Limits (§60.4205(c) Table 4)

Maximum Engine Power	Model Year(s)	NMHC + NOx (g/hp-hr)	CO (g/hp-hr)	PM (g/hp-hr)
175 ≤ hp ≤ 300	2008 and earlier	7.8	2.6	0.40
	2009+	3.0		0.15

*In model years 2009–2011, manufacturers of fire pump stationary CI ICE in this engine power category with a rated speed of greater than 2,650 rpm may comply with the emission limitations for 2008 model year engines. (EN10 and EN11 were manufactured in 2010 with a 2800 rpm rate)

- Fuel Requirements (§60.4207(b)) – Meet a sulfur content of ≤ 15 ppm
- Testing Requirements (§60.4211(c)) – None. Must comply by purchasing a certified engine.
- Monitoring Requirements (§60.4209(a)) – Install a non-resettable hour meter.
- Work Practice Standards –
 - Maintain and operate the engine according to the manufacturers written instructions or procedures developed by the facility that are approved by the manufacturer. May only change those settings that are permitted by the manufacturer (§60.4211(a))
 - Maintenance checks and readiness testing limited to 100 hrs/yr. No time limit on the use in emergency situations (60.4211(f))
- Recordkeeping Requirements (§60.4214(b)) - Hours of operation per the non-resettable hour meter.
- Reporting Requirements – None.

A request of this permit action is to only include the applicable and current NSPS Subpart IIII requirements that apply to improve clarity and ensure compliance.

NSPS Subpart JJJJ

LEP consists of two (2) natural gas compressor engines (EN08 and EN09) that are subject to NSPS Subpart JJJJ as the manufacturer date of the engines was after the applicability date as stated in §60.4230(a)(4) The applicable requirements are as follows:

- Emission Limits (§60.4233(e) Table 4)

Engine Type and Fuel	Maximum Engine Power (hp)	Manufacturer Date	Emission Standards					
			(g/hp-hr)			Ppmvd at 15% O ₂		
			NOx	CO	VOC	NOx	CO	VOC
Non-emergency SI Natural Gas	hp ≥ 500	7/1/2010	1.0	2.0	0.7	82	270	60

- Testing Requirements (§60.4243(b)(2)(ii)) – Purchase a non-certified engine.
 - Initial performance testing within 180 days from startup (already completed)
 - Subsequent performance testing every 8,760 hours of operation or 3 years, whichever comes first
- Monitoring Requirements – None.
- Work Practice Standards (§60.4243(b)(2)(ii)) – Maintain and operate the engine in a manner consistent with good air pollution control practices for minimizing emissions.
- Recordkeeping Requirements (§60.4245(a)) –
 - All notifications and documentation supporting any notification.
 - Keep a maintenance plan and records of conducted maintenance.
 - Documentation that the non-certified engine meets the emission standards.
- Reporting Requirements –
 - Initial Notification (§60.4245(c)) (already completed)
 - Performance Test Results within 60 days after testing (§60.4245(d)).

A request of this permit action is to only include the applicable and current NSPS Subpart JJJJ requirements that apply to improve clarity and ensure compliance.

West Virginia Minor Source Permitting (R13)

The removal of permit conditions, the removal of NESHAP Subpart HH/HHH requirements, and the clarification of only including applicable and current federal regulations that apply to the specific emission unit(s) is considered a Class II Administrative Update in accordance with R13 regulations, as there are no emission changes associated with this permit action. As stated in 4.2.b.1, a Class II Administrative Update is for a “*Change in a permit condition as necessary to allow changes in operating parameters, emission points, control equipment or any other aspect of a source which results in an increase or no change in the emission of any existing regulated air pollutant or any new regulated air pollutant.*”

Attachment E

Plot Plan

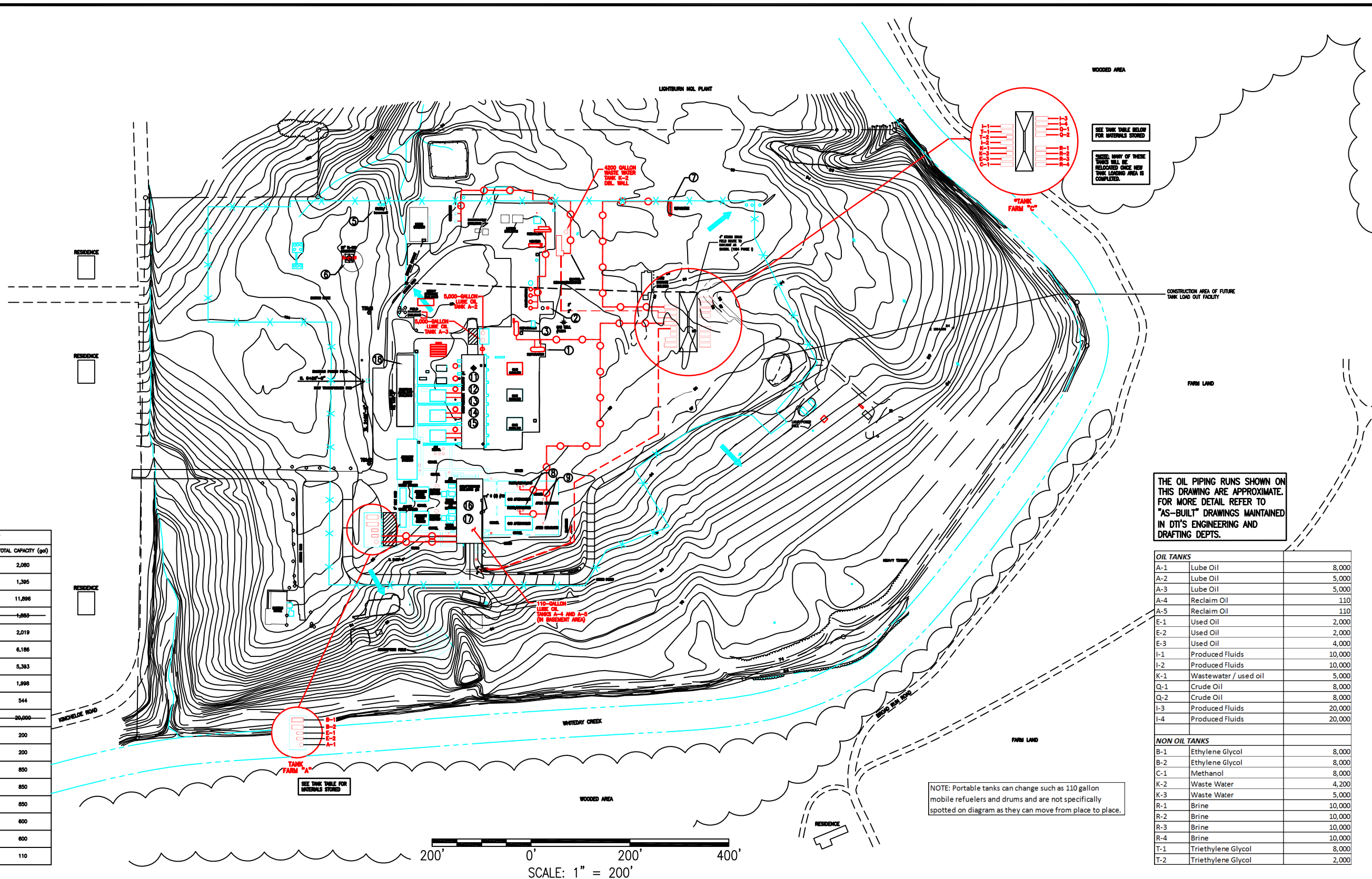


LEGEND:

- ABOVEGROUND OIL CONTAINING PIPE
- UNDERGROUND OIL CONTAINING PIPE
- FLOW DIRECTION
- EXISTING PROPERTY LINE
- - - STORM DRAIN
- TRUCK LOADING/UNLOADING AREA

THERE ARE DRUMS STORED BOTH IN THE DRUM STORAGE BUILDING (NORMALLY 30 DRUMS MAX) AND IN COMPRESSOR BUILDINGS (1 & 2) AND POTENTIALLY OTHER PLACES ON SITE AND NUMBER OF DRUMS VARIES THROUGH COURSE OF THE YEAR.

OIL CONTAINING MECHANICAL EQUIPMENT			
CONTAINER NAME/ID No.	PRODUCT STORED	TOTAL CAPACITY (gal)	
1	HORIZONTAL MUELLER SEPARATOR	PRODUCED FLUIDS	2,080
2	HEADER #3 SCRUBBER	PRODUCED FLUIDS	1,395
3	STATION KNOCK-OUT	PRODUCED FLUIDS	11,896
4	SUSTRON-BALL-FILTER-SEPARATOR	PRODUCED FLUIDS	1,803
5	SUCTION FILTER SEPARATOR	PRODUCED FLUIDS	2,019
6	TL-360 DISCHARGE SEPARATOR	PRODUCED FLUIDS	6,186
7	TL-414 KNOCK-OUT	PRODUCED FLUIDS	5,303
8	UNIT #6 HORIZONTAL FILTER SEPARATORS (2@999 ea)	PRODUCED FLUIDS	1,998
9	UNIT #7 VERTICAL SEPARATORS (2@272 ea)	PRODUCED FLUIDS	544
10	ACCUMULATOR	PRODUCED FLUIDS	20,000
11	COMPRESSOR UNIT 1, BLDG #1	LUBE OIL	200
12	COMPRESSOR UNIT 2, BLDG #1	LUBE OIL	200
13	COMPRESSOR UNIT 3, BLDG #1	LUBE OIL	850
14	COMPRESSOR UNIT 4, BLDG #1	LUBE OIL	850
15	COMPRESSOR UNIT 5, BLDG #1	LUBE OIL	850
16	COMPRESSOR UNIT 6, BLDG #2	LUBE OIL	600
17	COMPRESSOR UNIT 7, BLDG #2	LUBE OIL	600
18	CATERPILLAR GENERATOR	LUBE OIL	110



SEE TANK TABLE BELOW FOR INTERVALS STORED

NOTE: MANY OF THESE TANKS WILL BE RELOCATED ONCE NEW TANK LOADING AREA IS COMPLETED.

THE OIL PIPING RUNS SHOWN ON THIS DRAWING ARE APPROXIMATE. FOR MORE DETAIL REFER TO "AS-BUILT" DRAWINGS MAINTAINED IN DTI'S ENGINEERING AND DRAFTING DEPTS.

NOTE: Portable tanks can change such as 110 gallon mobile refuelers and drums and are not specifically spotted on diagram as they can move from place to place.

OIL TANKS		
A-1	Lube Oil	8,000
A-2	Lube Oil	5,000
A-3	Lube Oil	5,000
A-4	Reclaim Oil	110
A-5	Reclaim Oil	110
E-1	Used Oil	2,000
E-2	Used Oil	2,000
E-3	Used Oil	4,000
I-1	Produced Fluids	10,000
I-2	Produced Fluids	10,000
K-1	Wastewater / used oil	5,000
Q-1	Crude Oil	8,000
Q-2	Crude Oil	8,000
I-3	Produced Fluids	20,000
I-4	Produced Fluids	20,000
NON OIL TANKS		
B-1	Ethylene Glycol	8,000
B-2	Ethylene Glycol	8,000
C-1	Methanol	8,000
K-2	Waste Water	4,200
K-3	Waste Water	5,000
R-1	Brine	10,000
R-2	Brine	10,000
R-3	Brine	10,000
R-4	Brine	10,000
T-1	Triethylene Glycol	8,000
T-2	Triethylene Glycol	2,000

SYM.	DATE	BY	REVISION DESCRIPTION	PRJ/TSK	APP.	SCALE	DATE
11	05/16/2016	JAR	ADDED NOTE AND REPLACED TWO SEPERATORS WITH HORIZONTAL MUELLER SEPARATOR			1" = 200'	
10	09/22/15	TBB	REVISED TANK TABLE TO SHOW "1-3" & "1-4" UNDER "OIL TANKS"				
9	09/18/15	TBB	REVISED LOCATION OF TANKS IN TANK FARM "C" & ADDED TANKS "1-3" & "1-4"				
8	07/15/15	TBB	REVISED SIZE OF TANK T-1				
7	06/04/15	TBB	ADDED TANK TABLE AND OTHER NOTES PROVIDED BY TIM JACKSON				

Dominion Transmission, Inc.
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / Phone: (681) 842-3000

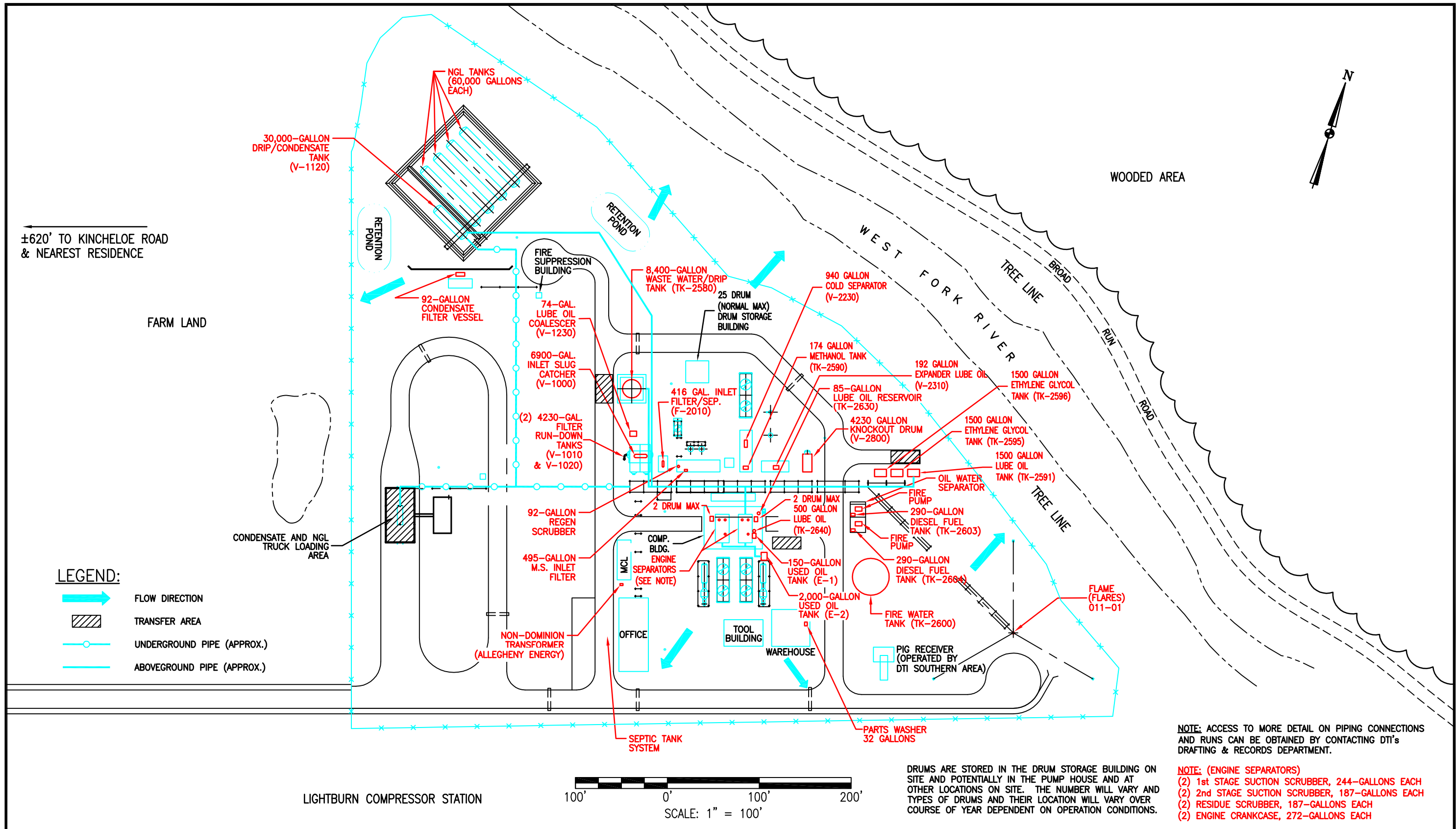
FOR: **LIGHTBURN COMPRESSOR STATION**

TITLE: **ENVIRONMENTAL EMERGENCY SITE PLAN**

DIR: **DOCUMENTUM** GROUP: **PD** DWG. NO.: **X8721EE** REV.: **11**

FILE: **PRJ/TSK:**

TOWN: **FREEMANS CREEK, WV** COUNTY: **LEWIS**



NOTE: ACCESS TO MORE DETAIL ON PIPING CONNECTIONS AND RUNS CAN BE OBTAINED BY CONTACTING DTI'S DRAFTING & RECORDS DEPARTMENT.

DRUMS ARE STORED IN THE DRUM STORAGE BUILDING ON SITE AND POTENTIALLY IN THE PUMP HOUSE AND AT OTHER LOCATIONS ON SITE. THE NUMBER WILL VARY AND TYPES OF DRUMS AND THEIR LOCATION WILL VARY OVER COURSE OF YEAR DEPENDENT ON OPERATION CONDITIONS.

NOTE: (ENGINE SEPARATORS)
 (2) 1st STAGE SUCTION SCRUBBER, 244-GALLONS EACH
 (2) 2nd STAGE SUCTION SCRUBBER, 187-GALLONS EACH
 (2) RESIDUE SCRUBBER, 187-GALLONS EACH
 (2) ENGINE CRANKCASE, 272-GALLONS EACH

SYM.	DATE	BY	REVISION DESCRIPTION	PRJ/TSK	APP.	SCALE	DATE
11	05/18/2016	JAR	CHANGED TEXT PERTAINING TO DRUMS AND ADDED DRUMS NEAR LUBE OIL TANK-2640			1" = 100'	01/03/13
10	02/29/16	TBB	REVISED PER TIM JACKSON MARK UPS				
9	09/02/15	TBB	ADDED LUBE OIL TANK (TK-2640) & ETHYLENE GLYCOL TANK (TK-2596) PER TIM JACKSON				
8	07/31/15	TBB	ADDED ABOVEGROUND AND UNDERGROUND OIL PIPING & TRANSFER AREAS				
7	05/28/15	TBB	REVISED PER TIM JACKSON MARK UPS				

Dominion Transmission, Inc.
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / Phone: (681) 842-3000

FOR: **LIGHTBURN NGL PLANT**

TITLE: **ENVIRONMENTAL EMERGENCY SITE PLAN**

DIR: DOCUMENTUM	GROUP: PD	DWG. NO.: X7676	REV.: 11
FILE: PRJ/TSK:			

Attachment G

Process Description

PROCESS DESCRIPTION

Lightburn Station is a natural gas storage compressor station that services a natural gas storage pool and pipeline system for Dominion Transmission, Inc.'s (DTI) transmission pipeline system in West Virginia. Lightburn Station is located in Jane Lew, Lewis County, West Virginia. The purpose of the facility is to alternately inject or withdraw the natural gas from the storage pool depending on demand.

The Title V operating permit also includes the Lightburn Extraction Plant (LEP). The LEP is a natural gas liquids extraction facility. Propane and heavier components of natural gas are removed through a turbo-expander cryogenic process. LEP is located adjacent to the Lightburn Compressor Station, on contiguous property, and under the same operational control. The facilities do not belong to the same industrial grouping (SIC). The Lightburn Compressor Station operates under the SIC Code 4922 (Pipeline Transmission of Natural Gas) and the LEP operates under SIC Code 1321 (Natural Gas Liquid Extraction).

DTI is submitting this Class II Administrative Update permit application for a request to correct permit language and conditions. DTI is requesting to:

- Remove Section 6.0 as the regenerator heater (010-01) was never installed.

Section 10 – Permit Condition 10.1.3, 10.3.3, 10.4.3, and 10.4.6 are referencing that the emergency and maintenance flare (FLARE3) is subject to either NESHAP Subpart HH or HHH. To be subject to one of these NESHAP rules, a glycol dehydration unit must be installed at the facility. FLARE3 is not subject to either NESHAP regulation as there is not a glycol dehydration unit installed at the Lightburn Extraction Plant. FLARE3 is at the facility to control VOC emissions from emergency venting and during various non-routine maintenance activities of four (4) tanks (008-01 thru 008-04) and two (2) loading racks (009-01 and 009-02). Therefore, we request that these conditions (and any conditions placed in the permit because of this assumption) be removed from the permit.

- Sections 11.0 and 12.0 - We request to only put in applicable and current requirements that apply to the specific emission unit(s) mentioned in this section to improve clarity and ensure compliance.

Attachment P

Public Notice

AIR QUALITY PERMIT NOTICE Notice of Application

Notice is given that Dominion Transmission, Inc. has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a Class II Administrative Update for the Lightburn Compressor Station at 6486 Old Mill Road in Jane Lew, Lewis County, West Virginia. The latitude and longitude coordinates are:

Latitude = 39.1292
Longitude = -80.4489

There will be no increase in emissions with this permit action.

Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57th Street, SE, Charleston, WV 25304, for at least 30 calendar days from the date of publication of this notice.

Any questions regarding this permit application should be directed to the DAQ at (304) 926-0499, extension 1250, during normal business hours.

Dated this the **(Day)** day of **(Month)**, **(Year)**.

By: Dominion Transmission, Inc.
Brian Sheppard
VP of Pipeline Operations
925 White Oaks Blvd.
Bridgeport, WV 26330

Attachment S

Title V Permit Revision Information

Attachment S
Title V Permit Revision Information

1. New Applicable Requirements Summary	
Mark all applicable requirements associated with the changes involved with this permit revision:	
<input type="checkbox"/> SIP	<input type="checkbox"/> FIP
<input checked="" type="checkbox"/> Minor source NSR (45CSR13)	<input type="checkbox"/> PSD (45CSR14)
<input type="checkbox"/> NESHAP (45CSR15)	<input type="checkbox"/> Nonattainment NSR (45CSR19)
<input checked="" type="checkbox"/> Section 111 NSPS (Subpart(s) <u>IIII and JJJJ</u>)	<input checked="" type="checkbox"/> Section 112(d) MACT standards (Subpart(s) <u>ZZZZ</u> ; non-applicability to HH and HHH)
<input type="checkbox"/> Section 112(g) Case-by-case MACT	<input type="checkbox"/> 112(r) RMP
<input type="checkbox"/> Section 112(i) Early reduction of HAP	<input type="checkbox"/> Consumer/commercial prod. reqts., section 183(e)
<input type="checkbox"/> Section 129 Standards/Reqts.	<input type="checkbox"/> Stratospheric ozone (Title VI)
<input type="checkbox"/> Tank vessel reqt., section 183(f)	<input type="checkbox"/> Emissions cap 45CSR§30-2.6.1
<input type="checkbox"/> NAAQS, increments or visibility (temp. sources)	<input type="checkbox"/> 45CSR27 State enforceable only rule
<input type="checkbox"/> 45CSR4 State enforceable only rule	<input type="checkbox"/> Acid Rain (Title IV, 45CSR33)
<input type="checkbox"/> Emissions Trading and Banking (45CSR28)	<input type="checkbox"/> Compliance Assurance Monitoring (40CFR64) ⁽¹⁾
<input type="checkbox"/> NO _x Budget Trading Program Non-EGUs (45CSR1)	<input type="checkbox"/> NO _x Budget Trading Program EGUs (45CSR26)
<p>⁽¹⁾ If this box is checked, please include Compliance Assurance Monitoring (CAM) Form(s) for each Pollutants Specific Emission Unit (PSEU) (See Attachment H to Title V Application). If this box is not checked, please explain why Compliance Assurance Monitoring is not applicable:</p> <p style="margin-left: 40px;">CAM is not applicable for this permit action as this permit action is only for correcting permit language and conditions.</p>	

2. Non Applicability Determinations
<p>List all requirements, which the source has determined not applicable to this permit revision and for which a permit shield is requested. The listing shall also include the rule citation and a rationale for the determination.</p> <p>The emergency and maintenance flare (FLARE3) is not subject to NESHAP Subpart HH or HHH since a glycol dehydration unit is not installed at the Lightburn Extraction Plant. FLARE3 is at the facility to control VOC emissions from emergency venting and during various non-routine maintenance activities of four (4) tanks (008-01 thru 008-04) and two (2) loading racks (009-01 and 009-02).</p>
<p><input checked="" type="checkbox"/> Permit Shield Requested (<i>not applicable to Minor Modifications</i>)</p>

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

3. Suggested Title V Draft Permit Language

Are there any changes involved with this Title V Permit revision outside of the scope of the NSR Permit revision? Yes No If Yes, describe the changes below.

Also, please provide **Suggested Title V Draft Permit language** for the proposed Title V Permit revision (including all applicable requirements associated with the permit revision and any associated monitoring /recordkeeping/ reporting requirements), OR attach a marked up pages of current Title V Permit. Please include appropriate citations (Permit or Consent Order number, condition number and/or rule citation (e.g. 45CSR§7-4.1)) for those requirements being added / revised.

4. Active NSR Permits/Permit Determinations/Consent Orders Associated With This Permit Revision

Permit or Consent Order Number	Date of Issuance	Permit/Consent Order Condition Number
R13-2823D	10/6/2014	
R30-04100013-2012	12/29/2014 (MM02)	

5. Inactive NSR Permits/Obsolete Permit or Consent Orders Conditions Associated With This Revision

Permit or Consent Order Number	Date of Issuance	Permit/Consent Order Condition Number
N/A		

6. Change in Potential Emissions

Pollutant	Change in Potential Emissions (+ or -), TPY
CO	No change
NOx	No change
SO2	No change
VOC	No change
PM-10	No change
Total HAP	No change

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.


7. Certification For Use Of Minor Modification Procedures (Required Only for Minor Modification Requests)

Note: This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete. The criteria for allowing the use of Minor Modification Procedures are as follows:

- i. Proposed changes do not violate any applicable requirement;
- ii. Proposed changes do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
- iii. Proposed changes do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient air quality impacts, or a visibility increment analysis;
- iv. Proposed changes do not seek to establish or change a permit term or condition for which there is no underlying applicable requirement and which permit or condition has been used to avoid an applicable requirement to which the source would otherwise be subject (synthetic minor). Such terms and conditions include, but are not limited to a federally enforceable emissions cap used to avoid classification as a modification under any provision of Title I or any alternative emissions limit approved pursuant to regulations promulgated under § 112(j)(5) of the Clean Air Act;
- v. Proposed changes do not involve preconstruction review under Title I of the Clean Air Act or 45CSR14 and 45CSR19;
- vi. Proposed changes are not required under any rule of the Director to be processed as a significant modification;

Notwithstanding subparagraph 45CSR§30-6.5.a.1.A. (items i through vi above), minor permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in rules of the Director which are approved by the U.S. EPA as a part of the State Implementation Plan under the Clean Air Act, or which may be otherwise provided for in the Title V operating permit issued under 45CSR30.

Pursuant to 45CSR§30-6.5.a.2.C., the proposed modification contained herein meets the criteria for use of Minor permit modification procedures as set forth in Section 45CSR§30-6.5.a.1.A. The use of Minor permit modification procedures are hereby requested for processing of this application.

(Signed):  Date: 01 / 06 / 2017
(Please use blue ink) *(Please use blue ink)*

Named (typed): Brian Sheppard Title: VP Pipeline Operations

Note: Please check if the following included (if applicable):

<input type="checkbox"/>	Compliance Assurance Monitoring Form(s)
<input type="checkbox"/>	Suggested Title V Draft Permit Language

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.