

global environmental solutions

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation Danville Compressor Station Danville, West Virginia Rule 13 Permit Modification Application

SLR Ref: 116.00400.00153





# **Rule 13 Permit Modification Application**

Prepared for:

**Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation** 900 Lee Street East, Suite 1500 Charleston, West Virginia 25301

This document has been prepared by SLR International Corporation. The material and data in this permit application were prepared under the supervision and direction of the undersigned.

Chier

Chris Boggess Associate Engineer

Jesse Hanshaw, P.E. Principal Engineer

### ATTACHMENTS

APPLICATION FOR PERMIT ATTACHMENT A ...... BUSINESS CERTIFICATE ATTACHMENT B ..... MAP(S)ATTACHMENT C ..... INSTALLATION AND STARTUP SCHEDULE (SEE NOTES) ATTACHMENT D ...... REGULATORY DISCUSSION ATTACHMENT E ..... PLOT PLAN ATTACHMENT F...... PROCESS FLOW DIAGRAM ATTACHMENT G..... PROCESS DESCRIPTION ATTACHMENT H ...... SAFETY DATA SHEETS (SEE NOTES) ATTACHMENT I.....EMISSION UNITS TABLE ATTACHMENT J..... EMISSION POINTS DATA SUMMARY SHEET(S) ATTACHMENT K ...... FUGITIVE EMISSION DATA SUMMARY SHEET(S) ATTACHMENT L..... **EMISSION UNIT DATA SHEET(S)** ATTACHMENT M ...... AIR POLLUTION CONTROL DEVICE SHEET(S) (SEE NOTES) ATTACHMENT N ...... SUPPORTING EMISSION CALCULATIONS ATTACHMENT O MONITORING/RECORDKEEPING/REPORTING/TESTING PLANS ATTACHMENT P ..... PUBLIC NOTICE ATTACHMENT Q ...... BUSINESS CONFIDENTIAL CLAIMS (SEE NOTES) ATTACHMENT R ..... AUTHORITY FORMS ATTACHMENT S ..... TITLE V PERMIT REVISION INFORMATION APPLICATION FEE

Notes:

ATTACHMENT C – Not applicable – Application addresses after the fact changes

ATTACHMENT H – Not applicable – SDS Sheets submitted with previous permit applications

ATTACHMENT M – Not applicable – No APCD associated with proposed permit modification

ATTACHMENT Q – Not applicable – No information contained within this application claimed as confidential

### **APPLICATION FOR PERMIT**

# **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF AIR QUALIT 601 57 <sup>th</sup> Street, SE Charleston, WV 25304 (304) 926-0475 WWW.dep.wv.gov/daq		TLE V PE	FOR NSR PERMIT AND RMIT REVISION TIONAL)			
PLEASE CHECK ALL THAT APPLY TO NSR (45CSR13) (IF K	(NOWN):	PLEASE CHECK	TYPE OF <b>450</b>	CSR30 (TITLE V) REVISION (IF ANY):		
	N			—		
CLASS I ADMINISTRATIVE UPDATE TEMPORAR	Y					
CLASS II ADMINISTRATIVE UPDATE AFTER-THE-	-FACT			ED, INCLUDE TITLE V REVISION <b>NT S</b> TO THIS APPLICATION		
FOR TITLE V FACILITIES ONLY: Please refer to "Title (Appendix A, "Title V Permit Revision Flowchart") and						
Se	ction	I. General				
1. Name of applicant <i>(as registered with the WV Secret</i> Cranberry Pipeline Corporation	tary of St	tate's Office):	2. Federal	Employer ID No. <i>(FEIN):</i> 042989934		
3. Name of facility (if different from above):			4. The applicant is the:			
Danville Compressor Station		OWNER      OPERATOR      BOTH				
5A. Applicant's mailing address: 900 Lee Street East Suite 1500 Charleston, WV 25301	I	5B. Facility's present physical address: Lick Creek Rd. Danville, WV 25053				
<ul> <li>If YES, provide a copy of the Certificate of Incorpo change amendments or other Business Registration</li> <li>If NO, provide a copy of the Certificate of Authority</li> </ul>	<ul> <li>6. West Virginia Business Registration. Is the applicant a resident of the State of West Virginia? XES NO</li> <li>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.</li> <li>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.</li> </ul>					
7. If applicant is a subsidiary corporation, please provide	e the nan	ne of parent corpo	oration:			
8. Does the applicant own, lease, have an option to buy	or other	wise have control	of the propos	ed site? 🛛 YES 🗌 NO		
<ul> <li>If YES, please explain: The applicant owns the site</li> </ul>	te.					
<ul> <li>If NO, you are not eligible for a permit for this source.</li> </ul>						
<ol> <li>Type of plant or facility (stationary source) to be con administratively updated or temporarily permittee crusher, etc.): Natural Gas Compressor Station w</li> </ol>	coal preparation pl		<ol> <li>North American Industry Classification System (NAICS) code for the facility: 211111</li> </ol>			
11A. DAQ Plant ID No. (for existing facilities only): 005-00020	<ul> <li>11B. List all current 45CSR13 and 45CSR30 (Title V) permit numbers associated with this process (for existing facilities only):</li> <li>R30-00500020-2012(MM01)</li> <li>R13-2585D</li> </ul>					

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

12A.

- For **Modifications, Administrative Updates** or **Temporary permits** at an existing facility, please provide directions to the *present location* of the facility from the nearest state road;
- For Construction or Relocation permits, please provide directions to the *proposed new site location* from the nearest state road. Include a MAP as Attachment B.

Travel south on US-119 toward Madison. Bear left onto CR-7/03 (Left Fork) for approximately 2.4 miles. Turn left on CR-119/07 (Lick Creek Rd) for approximately 0.9 miles to the station entrance.

12B. New site address (if applicable):	12C. Nearest city or town:	12D. County:				
N/A	Danville	Boone				
12.E. UTM Northing (KM): 4,214.250	12F. UTM Easting (KM): 422.070	12G. UTM Zone: 17N				
<ol> <li>Briefly describe the proposed change(s) at the facilit This permit modification will address an increase in th Truck Loading, TL-01</li> </ol>	-	d TKO-2 and material loaded via				
14A. Provide the date of anticipated installation or change:       14B. Date of anticipated Start-Up         -       If this is an After-The-Fact permit application, provide the date upon which the proposed       14B. Date of anticipated Start-Up         change did happen:       12/01/2016       14B. Date of anticipated Start-Up						
14C. Provide a <b>Schedule</b> of the planned <b>Installation</b> of/ application as <b>Attachment C</b> (if more than one uni	•					
15. Provide maximum projected <b>Operating Schedule</b> of Hours Per Day 24 Days Per Week 7	f activity/activities outlined in this application Weeks Per Year 52	ation:				
16. Is demolition or physical renovation at an existing fa	cility involved? 🗌 YES 🛛 🕅 NO					
17. Risk Management Plans. If this facility is subject to	112(r) of the 1990 CAAA, or will becom	ne subject due to proposed				
changes (for applicability help see www.epa.gov/cepp	oo), submit your <b>Risk Management Pla</b>	n (RMP) to U.S. EPA Region III.				
18. Regulatory Discussion. List all Federal and State	air pollution control regulations that you	believe are applicable to the				
proposed process (if known). A list of possible application	able requirements is also included in Att	achment S of this application				
(Title V Permit Revision Information). Discuss applica	bility and proposed demonstration(s) of	compliance (if known). Provide this				
information as Attachment D.						
Section II. Additional att	achments and supporting d	ocuments.				
19. Include a check payable to WVDEP – Division of Air Quality with the appropriate <b>application fee</b> (per 45CSR22 and 45CSR13).						
20. Include a <b>Table of Contents</b> as the first page of your application package.						
<ol> <li>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).</li> </ol>						
- Indicate the location of the nearest occupied structure (e.g. church, school, business, residence).						
22. Provide a <b>Detailed Process Flow Diagram(s)</b> showing each proposed or modified emissions unit, emission point and control device as <b>Attachment F.</b>						
23. Provide a Process Description as Attachment G.						
<ul> <li>Also describe and quantify to the extent possible all changes made to the facility since the last permit review (if applicable).</li> </ul>						

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.					
24. Provide Material Safety Data Sheets	s (MSDS) for all materials proces	sed, used or produced as Attachment H.			
<ul> <li>For chemical processes, provide a MSDS for each compound emitted to the air.</li> </ul>					
25. Fill out the Emission Units Table and	d provide it as <b>Attachment I.</b>				
26. Fill out the Emission Points Data Su	Immary Sheet (Table 1 and Tab	ble 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:				
Bulk Liquid Transfer Operations	Haul Road Emissions	Quarry			
Chemical Processes	Hot Mix Asphalt Plant	Solid Materials Sizing, Handling and Storage			
Concrete Batch Plant	Incinerator				
Grey Iron and Steel Foundry	Indirect Heat Exchanger	Storage Tanks			
General Emission Unit, specify: Storage	ge Vessel Data Sheet; Truck Lo	ading Data Sheet			
Fill out and provide the Emissions Unit D	Pata Sheet(s) as Attachment L.				
29. Check all applicable Air Pollution Co	ontrol Device Sheets listed belo	w:			
Absorption Systems	Baghouse	Flare			
Adsorption Systems	Condenser	Mechanical Collector			
Afterburner	Electrostatic Precipitat	or 🗌 Wet Collecting System			
Other Collectors, specify					
Fill out and provide the Air Pollution Con					
<ol> <li>Provide all Supporting Emissions C Items 28 through 31.</li> </ol>	alculations as Attachment N, c	r attach the calculations directly to the forms listed in			
	compliance with the proposed er	proposed monitoring, recordkeeping, reporting and nissions limits and operating parameters in this permit			
	y not be able to accept all measu	ner or not the applicant chooses to propose such ires proposed by the applicant. If none of these plans de them in the permit.			
32. Public Notice. At the time that the a	application is submitted, place a <b>(</b>	Class I Legal Advertisement in a newspaper of general			
circulation in the area where the source	ce is or will be located (See 45C	SR§13-8.3 through 45CSR§13-8.5 and <i>Example Legal</i>			
Advertisement for details). Please s	ubmit the Affidavit of Publication	on as Attachment P immediately upon receipt.			
33. Business Confidentiality Claims.	Does this application include conf	idential information (per 45CSR31)?			
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 " <i>Precautionary Notice – Claims of Confidentiality</i> " guidance found in the <i>General Instructions</i> as Attachment Q.					
Se	ction III. Certification of	of Information			
34. Authority/Delegation of Authority. Check applicable Authority Form be		her than the responsible official signs the application.			
Authority of Corporation or Other Busin	ness Entity	Authority of Partnership			
Authority of Governmental Agency		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	DATE: <u>6/8/17</u> (Please use blue ink)				
35B. Printed name of signee: Brody Webster,	CSP	35C. Title:			
		Manager, Safety & Environment			
35D. E-mail: brody.webster@cabotog.com	36E. Phone: 304-347-1642	36F. FAX 304-347-1618			
36A. Printed name of contact person (if differe	36B. Title: Principal Engineer, SLR International Corporation				
36C. E-mail: jhanshaw@slrconsulting.com	36D. Phone: 681-205-8949	36E. FAX: 681-205-8969			

PLEASE CHECK ALL APPLICABLE ATTACHMENTS INCLUDE	D WITH THIS PERMIT APPLICATION:			
<ul> <li>Attachment A: Business Certificate</li> <li>Attachment B: Map(s)</li> <li>Attachment C: Installation and Start Up Schedule</li> <li>Attachment D: Regulatory Discussion</li> <li>Attachment E: Plot Plan</li> <li>Attachment F: Detailed Process Flow Diagram(s)</li> <li>Attachment G: Process Description</li> <li>Attachment H: Material Safety Data Sheets (MSDS)</li> <li>Attachment I: Emission Units Table</li> <li>Attachment J: Emission Points Data Summary Sheet</li> </ul>	<ul> <li>Attachment K: Fugitive Emissions Data Summary Sheet</li> <li>Attachment L: Emissions Unit Data Sheet(s)</li> <li>Attachment M: Air Pollution Control Device Sheet(s)</li> <li>Attachment N: Supporting Emissions Calculations</li> <li>Attachment O: Monitoring/Recordkeeping/Reporting/Testing Plans</li> <li>Attachment P: Public Notice</li> <li>Attachment Q: Business Confidential Claims</li> <li>Attachment R: Authority Forms</li> <li>Attachment S: Title V Permit Revision Information</li> <li>Application Fee</li> </ul>			
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.

### ATTACHMENT A

### **BUSINESS CERTIFICATE**

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

# WEST VIRGINIA STATE TAX DEPARTMENT BUSINESS REGISTRATION CERTIFICATE

CRANBERRY PIPELINE CORPORATION 900 LEE ST E 1700 CHARLESTON, WV 25301-1741

JSINESS REGISTRATION ACCOUNT NUMBER: 1006-3673 This certificate is issued on: 06/1/2011

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 tocation 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 pusiness 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.

atL006 v,4 L1111698560

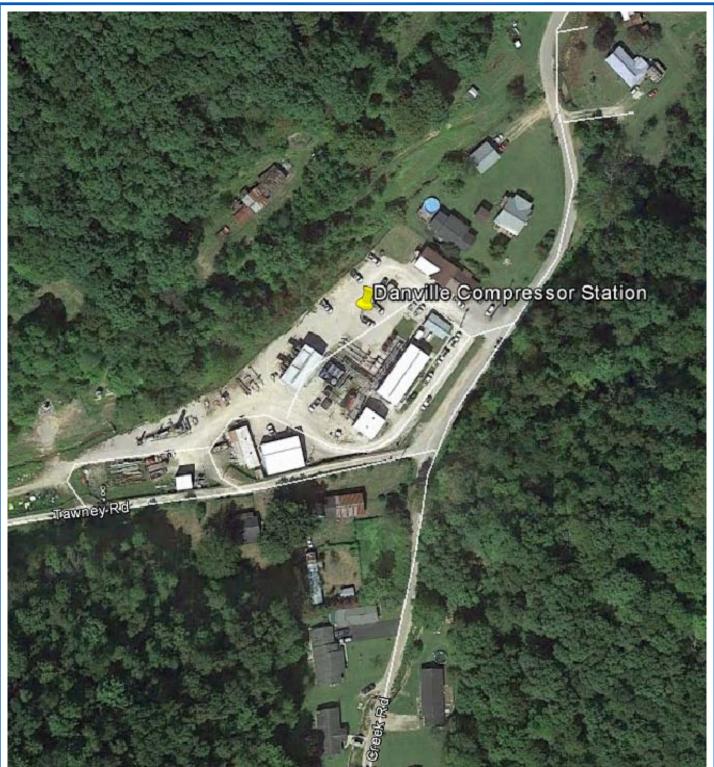
### ATTACHMENT B

### MAP(S)

# **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia



GPS Coordinates of Sites: Lat: 38.07266, Long: -81.88848

UTM Coordinates of Sites: Easting: 422.070 km, Northing: 4,214.250 km, Zone: 17 Cranberry Pipeline Corporation c/o Cabot Oil & Gas Coporation 900 Lee Street East, Suite 1500, Charleston, WV 25301

Report

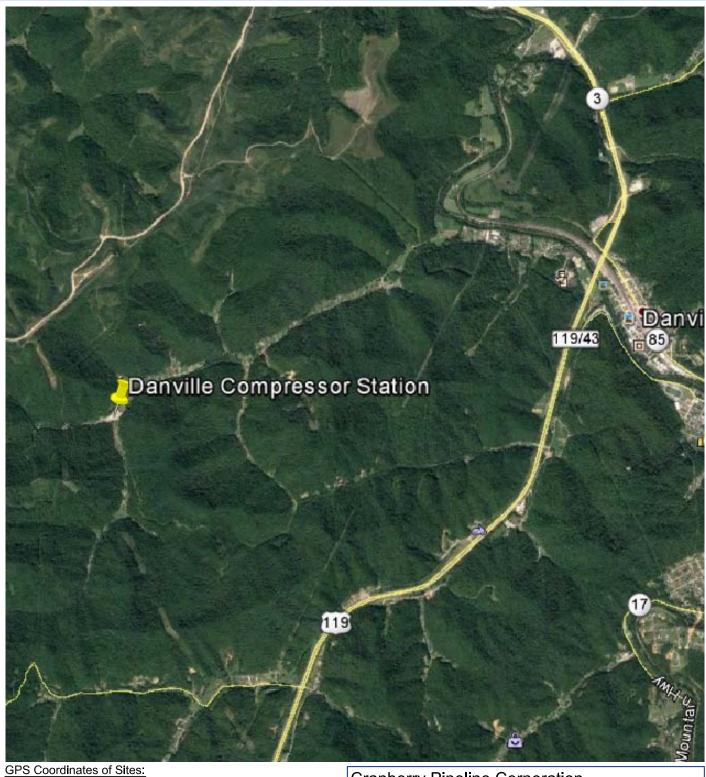
Rule 13 Class II Modification Permit Application Danville Compressor Station

Attachment B - Area Map

Date: October 2016 Drawn By: CLB

Project 116.00400.00157 Task 000





Lat: 38.07266, Long: -81.88848

UTM Coordinates of Sites: Easting: 422.070 km, Northing: 4,214.250 km, Zone: 17 **Cranberry Pipeline Corporation** c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500, Charleston, WV 25301

Report

Rule 13 Class II Modification Permit Application Danville Compressor Station

Drawing Attachment B - Area Map

Date: October 2016 Drawn By: CLB

roject 116.00400.00157 Task 000



### ATTACHMENT C

### **INSTALLATION AND START-UP**

### NOT APPLICABLE

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### ATTACHMENT D

### **REGULATORY DISCUSSION**

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### APPLICABLE REGULATIONS

The modified equipment at this facility is subject to the following applicable rules and regulations:

#### Federal and State:

**45 CSR 13** – Permits for Construction, Modification, Relocation, and Operation of Stationary Source of Air Pollutants

Cranberry has applied for a Rule 13 modification permit in order to increase the throughput limit associated with storage vessels TKO-1 and TKO-2 and material loaded via truck loading (TL-01). This increase is required to more accurately reflect the liquids being removed from the various separators located throughout the compression and dehydration phases of the Danville Station. Although, the throughput is increase to tanks TKO-1 and TKO-2, the emissions from the equipment are predicted to decrease as compared to overly conservative estimates used in the past. The emission decrease is attributed to using site specific extended gas and dew point sampling information as representative inputs to model the process with ProMax<sup>™</sup>.

#### NON-APPLICABILITY DETERMINATIONS

The following requirements have been determined "not applicable" due to the following:

**40 CFR 60 Subpart OOOO** – Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution

Storage Vessels TKO-1 and TKO-2 located at the Danville Compressor Station were installed in 2005 which predates the applicability date of August 23, 2011, therefore these storage vessels are not subject to this subpart. Additionally, the emission estimates show emissions significantly less than 6 tpy VOCs.

**40 CFR 60 Subpart OOOOa** – Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced after September 18, 2015

The GHG and VOC requirements defined by this NSPS are not applicable to this site because all affected sources commenced construction prior to September 18, 2015 in accordance with [40CFR§60.5365a]

**40 CFR 60 Subpart K, Ka** – Standards of Performance for Storage Vessels of Petroleum Liquids

This subpart is not applicable because all tanks at this station are below 40,000 gallons in capacity as specified in 60.11a(a).

**40 CFR 60 Subpart Kb** – Standards of Performance for Volatile Organic Liquid Storage Vessels

This subpart is not applicable because all tanks at this station are below  $75m^3$  (19,813 gallons) in capacity as specified in 60.11(b).

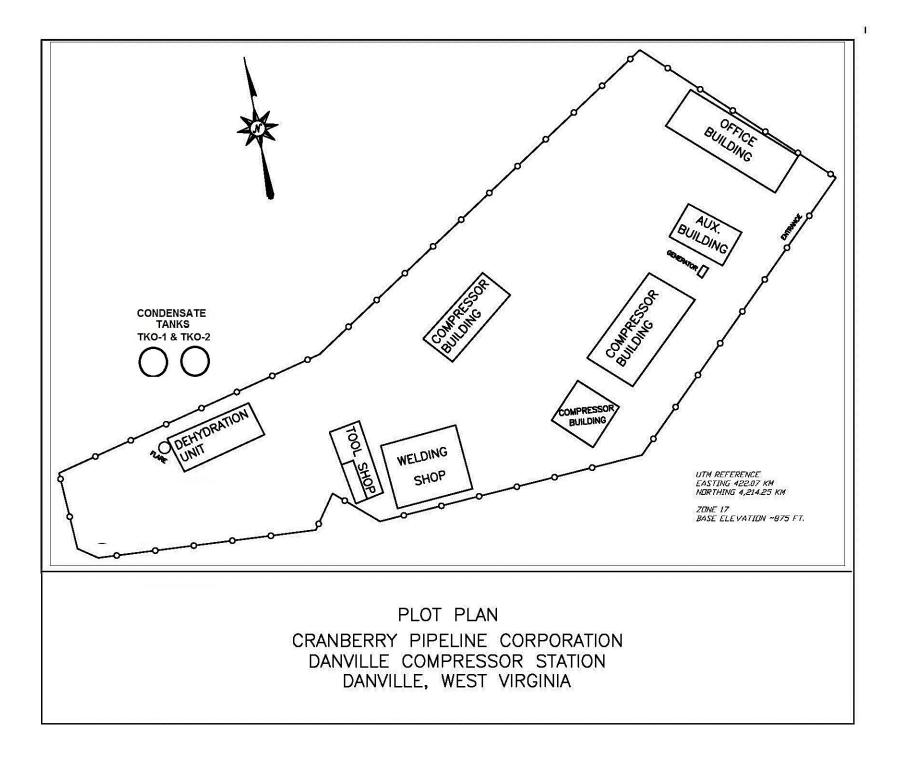
### ATTACHMENT E

### **PLOT PLAN**

# **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia



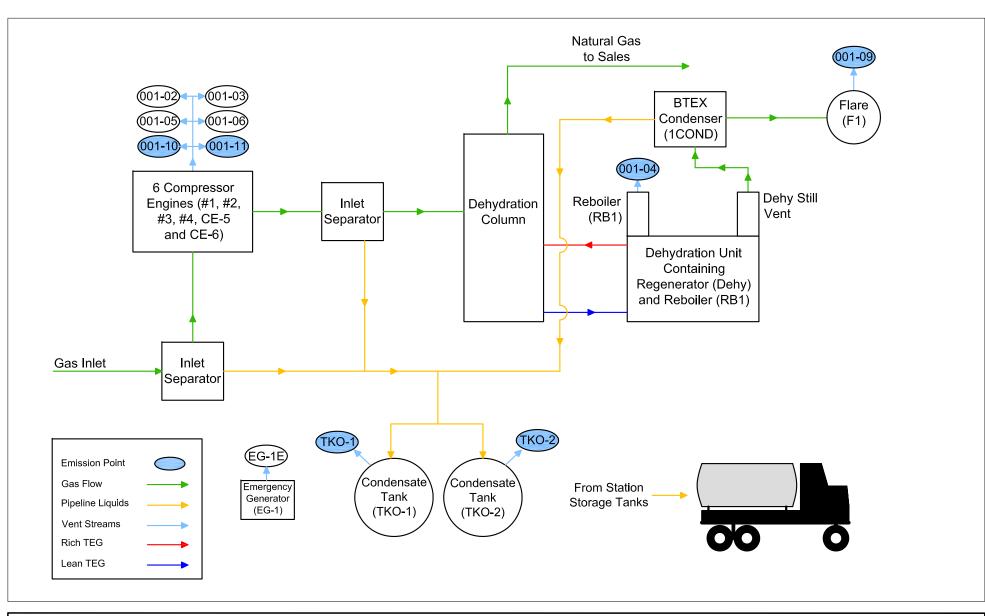
### ATTACHMENT F

### PROCESS FLOW DIAGRAM

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia



Process Flow Diagram Cranberry Pipeline Corporation Danville Compressor Station - ID # 005-00020 Danville, West Virginia

### ATTACHMENT G

### **PROCESS DESCRIPTION**

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

#### **Description of Process**

In 2014, Cranberry modified its permit for Danville Station to add a BTEX condenser to the dehydration process to remove excess water from the dehydration unit still vent prior to it reaching the flare. Over the past year the new BTEX condenser and dehydration unit has experienced an increase in amount of water contained within their wet gas stream. When the condenser was first permitted the gas was averaging 50 lb H20/MMscf of gas dehydrated. Last year the average gas dew point readings started to approach 200 lb H20/MMscf. As a result Cranberry feels it necessary to increase the liquid limits for storage vessels TKO-1 and TKO-2 and material loaded via truck loading (TL-01).

#### **Proposed Process Modification(s)**

Cranberry is proposing to modify the existing permit for Danville Compressor Station (WV NSR R13-2585D) by addressing an increase in liquid throughputs for storage vessels TKO-1 and TKO-2 and material loaded via truck loading (TL-01). Although, this is an increase to the throughput limit of liquids to tanks TKO-1 and TKO-2 and material loaded via (TL-01), the emissions from the equipment are shown to decrease. This emission decrease is attributed to using site specific information for the station and modeling all processes at the station with Promax<sup>™</sup> simulation software to estimate emissions. Wet gas and dew point samples were taken at the inlet to the station and inlet to the dehydration column. This along with collecting site specific operating parameters resulted in an increase to the station's water removal estimates. The Station would like to increase the amount of liquids the tanks can handle on an annual basis from 70,533 gallons to 243,355 gallons.

### ATTACHMENT H

# SAFETY DATA SHEETS (SDS)

### NOT APPLICABLE

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### **ATTACHMENT I**

### **EMISSION UNITS TABLE**

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### Attachment I

#### **Emission Units Table**

#### (includes all emission units and air pollution control devices

that will be part of this permit application review, regardless of permitting status)

Emission Unit ID <sup>1</sup>	Emission Point ID <sup>2</sup>	Emission Unit Description	Year Installed/ Modified	Design Capacity	Type <sup>3</sup> and Date of Change	Control Device <sup>4</sup>
TKO-1	TKO-1	Pipeline Fluids Storage Tank	2005 /2017	4,200 gal	Modification	None
TKO-2	TKO-2	Pipeline Fluids Storage Tank	2005 / 2017	4,200 gal	Modification	None
TL-01	001-12	Pipeline Fluids Truck Loading	2014 / 2017	243,355 gal/yr	Modification	None

<sup>1</sup> For Emission Units (or <u>S</u>ources) use the following numbering system:1S, 2S, 3S,... or other appropriate designation. <sup>2</sup> For <u>E</u>mission Points use the following numbering system:1E, 2E, 3E, ... or other appropriate designation.

removal

Devices use the following numbering system: 1C, 2C, 3C,... or other appropriate designation.

<sup>4</sup> For <u>Control</u>

### ATTACHMENT J

### **EMISSION POINTS DATA SUMMARY SHEET**

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

#### Attachment J EMISSION POINTS DATA SUMMARY SHEET

	Table 1: Emissions Data																	
Emission Point ID No. (Must match Emission Units Table-& Plot Plan)	Emission Point Type <sup>1</sup>	\ Throug <i>(Must m</i>	ssion Unit /ented gh This Point batch Emission ble & Plot Plan)	Control (Must Emissio Table	llution Device match on Units & Plot an)	Vent Time for Emission Unit (chemical processes only)		e Emission Unit <i>(chemical processes</i>		Emission Unit (chemical processes		All Regulated Pollutants - Chemical Name/CAS <sup>3</sup> (Speciate VOCs		Pote Cont	mum ential rolled sions <sup>5</sup>	Emission Form or Phase (At exit conditions,	Est. Method Used <sup>6</sup>	Emission Concentration <sup>7</sup> (ppm∨ or mg/m <sup>4</sup> )
		ID No.	Source	ID No.	Device Type	Short Term <sup>2</sup>	Max (hr/yr)	& HAPS)	lb/hr	ton/yr	lb/hr	ton/yr	Solid, Liquid or Gas/Vapor)					
TKO-1	Vertical Stack	TKO-1	Pipeline Fluids Storage Tank	NA	NA	С	8760	VOCs	< 0.01	< 0.01	-	-	Gas/ Vapor	EE	Can Supply Upon Request			
TKO-2	Vertical Stack	ТКО-2	Pipeline Fluids Storage Tank	NA	NA	С	8760	VOCs	< 0.01	< 0.01	-	-	Gas/ Vapor	EE	Can Supply Upon Request			

The EMISSION POINTS DATA SUMMARY SHEET provides a summation of emissions by emission unit. Note that uncaptured process emission unit emissions are not typically considered to be fugitive and must be accounted for on the appropriate EMISSIONS UNIT DATA SHEET and on the EMISSION POINTS DATA SUMMARY SHEET. Please note that total emissions from the source are equal to all vented emissions, all fugitive emissions, plus all other emissions (e.g. uncaptured emissions). Please complete the FUGITIVE EMISSIONS DATA SUMMARY SHEET for fugitive emission activities.

Please add descriptors such as upward vertical stack, downward vertical stack, horizontal stack, relief vent, rain cap, etc.

<sup>2</sup> Indicate by "C" if venting is continuous. Otherwise, specify the average short-term venting rate with units, for intermittent venting (ie., 15 min/hr). Indicate as many rates as needed to clarify frequency of venting (e.g., 5 min/day, 2 days/wk).

<sup>2</sup> List all regulated air pollutants. Speciate VOCs, including all HAPs. Follow chemical name with Chemical Abstracts Service (CAS) number. **LIST** Acids, CO, CS<sub>2</sub>, VOCs, H<sub>2</sub>S, Inorganics, Lead, Organics, O<sub>3</sub>, NO, NO<sub>2</sub>, SO<sub>2</sub>, SO<sub>3</sub>, all applicable Greenhouse Gases (including CO<sub>2</sub> and methane), etc. **DO NOT LIST** H<sub>2</sub>, H<sub>2</sub>O, N<sub>2</sub>, O<sub>2</sub>, and Noble Gases.

Give maximum potential emission rate with no control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).

<sup>5</sup> Give maximum potential emission rate with proposed control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).

Indicate method used to determine emission rate as follows: MB = material balance; ST = stack test (give date of test); EE = engineering estimate; O = other (specify).

<sup>7</sup> Provide for all pollutant emissions. Typically, the units of parts per million by volume (ppmv) are used. If the emission is a mineral acid (sulfuric, nitric, hydrochloric or phosphoric) use units of milligram per dry cubic meter (mg/m<sup>3</sup>) at standard conditions (68 °F and 29.92 inches Hg) (see 45CSR7). If the pollutant is SO<sub>2</sub>, use units of ppmv (See 45CSR10).

#### Attachment J **EMISSION POINTS DATA SUMMARY SHEET**

	Table 2: Release Parameter Data							
Emission	Inner		Exit Gas		Emission Point El	evation (ft)	UTM Coordinates (km)	
Point ID No. (Must match Emission Units Table)	Diameter (ft.)	Temp. (°F)	Volumetric Flow <sup>1</sup> (acfm) <i>at operating conditions</i>	Velocity (fps)	Ground Level (Height above mean sea level)	Stack Height <sup>2</sup> (Release height of emissions above ground level)	Northing	Easting
TKO-1	0.25	68	0.00	0.00	1,660 ft	12 ft	4,214.250	422.070
TKO-2	0.25	68	0.00	0.00	1,660 ft	12 ft	4,214.250	422.070

<sup>1</sup>Give at operating conditions. Include inerts. <sup>2</sup>Release height of emissions above ground level.

### ATTACHMENT K

### FUGITIVE EMISSIONS DATA SUMMARY SHEET

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

#### Attachment K

#### FUGITIVE EMISSIONS DATA SUMMARY SHEET

The FUGITIVE EMISSIONS SUMMARY SHEET provides a summation of fugitive emissions. Fugitive emissions are those emissions which could not reasonably pass through a stack, chimney, vent or other functionally equivalent opening. Note that uncaptured process emissions are not typically considered to be fugitive, and must be accounted for on the appropriate EMISSIONS UNIT DATA SHEET and on the EMISSION POINTS DATA SUMMARY SHEET.

Please note that total emissions from the source are equal to all vented emissions, all fugitive emissions, plus all other emissions (e.g. uncaptured emissions).

	APPLICATION FORMS CHECKLIST - FUGITIVE EMISSIONS
1.)	Will there be haul road activities?
	□ Yes
	If YES, then complete the HAUL ROAD EMISSIONS UNIT DATA SHEET.
2.)	Will there be Storage Piles?
	☐ If YES, complete Table 1 of the NONMETALLIC MINERALS PROCESSING EMISSIONS UNIT DATA SHEET.
3.)	Will there be Liquid Loading/Unloading Operations?
	⊠ Yes □ No
	If YES, complete the BULK LIQUID TRANSFER OPERATIONS EMISSIONS UNIT DATA SHEET.
4.)	Will there be emissions of air pollutants from Wastewater Treatment Evaporation?
	If YES, complete the GENERAL EMISSIONS UNIT DATA SHEET.
5.)	Will there be Equipment Leaks (e.g. leaks from pumps, compressors, in-line process valves, pressure relief devices, open-ended valves, sampling connections, flanges, agitators, cooling towers, etc.)?
	☐ If YES, complete the LEAK SOURCE DATA SHEET section of the CHEMICAL PROCESSES EMISSIONS UNIT DATA SHEET. Note: Component count and emission totals are included within site calculations. No monitoring or LDAR required at this site.
6.)	Will there be General Clean-up VOC Operations?
	☐ If YES, complete the GENERAL EMISSIONS UNIT DATA SHEET.
7.)	Will there be any other activities that generate fugitive emissions?
	☐ If YES, complete the GENERAL EMISSIONS UNIT DATA SHEET or the most appropriate form.
-	ou answered "NO" to all of the items above, it is not necessary to complete the following table, "Fugitive Emissions mmary."

FUGITIVE EMISSIONS SUMMARY	All Regulated Pollutants <sup>-</sup> Chemical Name/CAS <sup>1</sup>	Maximum Uncontrolled	Potential Emissions <sup>2</sup>	Maximum P Controlled Em	Est. Method	
	Chemical Name/CAS	lb/hr	ton/yr	lb/hr	ton/yr	Used <sup>4</sup>
Haul Road/Road Dust Emissions Paved Haul Roads	-	-	-	-	-	EE
Unpaved Haul Roads	-	-	-	-	-	EE
Storage Pile Emissions	-	-	-	-	-	EE
Loading/Unloading Operations	VOC	< 0.01	< 0.01	-	-	EE
Wastewater Treatment Evaporation & Operations	-	-	-	-	-	EE
Equipment Leaks	-	-	-	-	-	EE
General Clean-up VOC Emissions	-	-	-	-	-	EE
Other	-	-	-	-	-	EE

<sup>1</sup> List all regulated air pollutants. Speciate VOCs, including all HAPs. Follow chemical name with Chemical Abstracts Service (CAS) number. LIST Acids, CO, CS<sub>2</sub>, VOCs, H<sub>2</sub>S, Inorganics, Lead, Organics, O<sub>3</sub>, NO, NO<sub>2</sub>, SO<sub>2</sub>, SO<sub>3</sub>, all applicable Greenhouse Gases (including CO<sub>2</sub> and methane), etc. DO NOT LIST H<sub>2</sub>, H<sub>2</sub>O, N<sub>2</sub>, O<sub>2</sub>, and Noble Gases.

<sup>2</sup> Give rate with no control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).
 <sup>3</sup> Give rate with proposed control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).

<sup>4</sup> Indicate method used to determine emission rate as follows: MB = material balance; ST = stack test (give date of test); EE = engineering estimate; O = other (specify).

### ATTACHMENT L

### **EMISSION UNIT DATA SHEET**

### **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

#### STORAGE VESSEL DATA SHEET

Complete this data sheet if you are the owner or operator of a storage vessel that contains condensate and/or produced water. This form must be completed for *each* new or modified bulk liquid storage vessel(s) that contains condensate and/or produced water . (If you have more than one (1) identical tank (i.e. 4-400 bbl condensate tanks), then you can list all on one (1) data sheet). **Include gas sample analysis, flashing emissions, working and breathing losses, USEPA Tanks, simulation software (ProMax, E&P Tanks, HYSYS, etc.), and any other supporting documents where applicable.** 

#### The following information is **REQUIRED**:

- ⊠ Composition of the representative sample used for the simulation
- ☑ For each stream that contributes to flashing emissions:
  - $\boxtimes$  Temperature and pressure (inlet and outlet from separator(s))
  - ⊠ Simulation-predicted composition
  - $\boxtimes$  Molecular weight
  - $\boxtimes$  Flow rate
- ⊠ Resulting flash emission factor or flashing emissions from simulation
- ⊠ Working/breathing loss emissions from tanks and/or loading emissions if simulation is used to quantify those emissions

Additional information may be requested if necessary.

#### **GENERAL INFORMATION**

1. Bulk Storage Area Name	2. Tank Name				
Danville Station	Pipeline Fluids Storage Tank				
3. Emission Unit ID number	4. Emission Point ID number				
TKO-1	TKO-1				
5. Date Installed , Modified or Relocated (for existing tanks)	6. Type of change:				
2005	$\Box$ New construction $\Box$ New stored material $\boxtimes$ Other				
Was the tank manufactured after August 23, 2011?	□ Relocation				
🗆 Yes 🛛 No					
7A. Description of Tank Modification (if applicable) Increase T	hroughput through storage tank				
7B. Will more than one material be stored in this tank? If so, a	separate form must be completed for each material.				
$\Box$ Yes $\boxtimes$ No					
7C. Was USEPA Tanks simulation software utilized?					
$\Box$ Yes $\boxtimes$ No ProMax model simulation report ran (See calculations)					
If Yes, please provide the appropriate documentation and items 8-42 below are not required.					

#### TANK INFORMATION

8. Design Capacity (specify barrels or gallons). Use the internal cross-sectional area multiplied by internal height.				
100 bbl / 4,200 gallons				
9A. Tank Internal Diameter (ft.) 8.5	9B. Tank Internal Height (ft.) 10			
10A. Maximum Liquid Height (ft.) 10	10B. Average Liquid Height (ft.) 5			
11A. Maximum Vapor Space Height (ft.) 10	11B. Average Vapor Space Height (ft.) 5			
12. Nominal Capacity (specify barrels or gallons). This is also known as "working volume". 100 bbl / 4,200 gallons				
13A. Maximum annual throughput (gal/yr) 121,677	13B. Maximum daily throughput (gal/day) 333.36			
14. Number of tank turnovers per year 28.97	15. Maximum tank fill rate (gal/min) 0.23			
16. Tank fill method $\Box$ Submerged $\boxtimes$ Splash	□ Bottom Loading			
17. Is the tank system a variable vapor space system? $\Box$ Yes $\boxtimes$ No				

If yes, (A) What is the volume expansion capacity of the system (gal)?					
(B) What are the number of transfers into the system per year?					
18. Type of tank (check all that apply):					
$\boxtimes$ Fixed Roof $\boxtimes$ vertical	$\Box$ horizontal $\boxtimes$ flat roof $\Box$ cone roof $\Box$ dome roof $\Box$ other (describe)				
□ External Floating Roof □ pontoon roof □ double deck roof					
Domed External (or Covered) Floating Roof					
□ Internal Floating Roof	$\Box$ vertical column support $\boxtimes$ self-supporting				
□ Variable Vapor Space	$\Box$ lifter roof $\Box$ diaphragm				
□ Pressurized	$\Box$ spherical $\boxtimes$ cylindrical				
$\Box$ Other (describe)					

#### PRESSURE/VACUUM CONTROL DATA

19. Check as many as appl	y:							
Does Not Apply	$\Box$ Rupture Disc (psig)							
□ Inert Gas Blanket of	$\Box$ Carbon Adsorption <sup>1</sup>							
□ Vent to Vapor Combustion Device <sup>1</sup> (vapor combustors, flares, thermal oxidizers, enclosed combustors)								
$\Box$ Conservation Vent (psig) $\Box$ Condenser <sup>1</sup>								
-0.03 Vacuum Setting 0.03 Pressure Setting								
Emergency Relief Valve (psig)								
Vacuum Setting	Vacuum Setting Pressure Setting							
$\Box$ Thief Hatch Weighted $\Box$ Yes $\Box$ No								
<sup>1</sup> Complete appropriate Air Pollution Control Device Sheet								
20. Expected Emission Rate (submit Test Data or Calculations here or elsewhere in the application).								
Material Name	Flashing	g Loss	Working/Breathing Loss		Total		Estimation Method <sup>1</sup>	
					Emissio	ns Loss		
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy		
VOCs	0.001	0.002	0.001	0.001	0.001	0.003	Promax	
							1	

<sup>1</sup> EPA = EPA Emission Factor, MB = Material Balance, SS = Similar Source, ST = Similar Source Test, Throughput Data, O = Other (specify) *Remember to attach emissions calculations, including TANKS Summary Sheets and other modeling summary sheets if applicable.* 

TANK CONSTRUCTION AND OPERATION INFORMATION							
21. Tank Shell Construction:							
$\Box$ Riveted $\Box$ Gunite lined $\Box$ Epoxy-coated rivets $\boxtimes$ Other (describe) Welded Seams							
21A. Shell Color: Silver/Grey	21B. Roof Color: Silver/Grey   21C. Year Last Painted: 2014						
22. Shell Condition (if metal and unlined):							
🖾 No Rust 🗌 Light Rust 🗌 Dense Rust 🔲 Not applicable							
22A. Is the tank heated? $\Box$ Yes $\boxtimes$ No	22B. If yes, operating temperature:	22C. If yes, how is heat provided to tank?					
23. Operating Pressure Range (psig):							
Must be listed for tanks using VRUs with closed vent system.							
24. Is the tank a <b>Vertical Fixed Roof Tank</b> ?	24A. If yes, for dome roof provide radius (ft):	24B. If yes, for cone roof, provide slop (ft/ft):					
$\boxtimes$ Yes $\square$ No	4.25						
25. Complete item 25 for Floating Roof Tanks  Does not apply							
25A. Year Internal Floaters Installed:							
25B. Primary Seal Type (check one):  Metallic (mechanical) shoe seal Liquid mounted resilient seal							
$\Box$ Vapor mounted resilient seal $\Box$ Other (describe):							
25C. Is the Floating Roof equipped with a secondary seal? $\Box$ Yes $\Box$ No							
25D. If yes, how is the secondary seal mounted? ( <i>check one</i> ) $\Box$ Shoe $\Box$ Rim $\Box$ Other (describe):							
25E. Is the floating roof equipped with a weather shield? $\Box$ Yes $\Box$ No							
25F. Describe deck fittings:							

26. Complete the following section	for Interna	l Floating Roof Tanks		Does not apply			
26A. Deck Type:  Bolted  Welded			26B. For bolted decks, provide deck construction:				
26C. Deck seam. Continuous sheet	t constructio	n:					
$\Box$ 5 ft. wide $\Box$ 6 ft. wide $\Box$ 7 ft. wide $\Box$ 5 x 7.5 ft. wide $\Box$ 5 x 12 ft. wide $\Box$ other (describe)						scribe)	
26D. Deck seam length (ft.):	26E. Area	of deck (ft <sup>2</sup> ):	26F. For column supported tanks, # of columns:		orted	26G. For column supported tanks, diameter of column:	
27. Closed Vent System with VRU?  Yes  No							
28. Closed Vent System with Enclo	osed Combu	stor? 🗆 Yes 🗵 No					
SITE INFORMATION							
29. Provide the city and state on wh	nich the data	in this section are based	Charle	ston, WV			
30. Daily Avg. Ambient Temperatu				-	-	rature (°F): 65.75	
32. Annual Avg. Minimum Temperature (°F): 44.22				vg. Wind Speed			
34. Annual Avg. Solar Insulation Factor (BTU/ft <sup>2</sup> -day): 1,250.6			35. A	tmospheric Press	ure (psia): 1	4.25	
LIQUID INFORMATION							
36. Avg. daily temperature range of liquid (°F): 58.06	36A. Minimum (°F): 44.22		36B. Maximum (°F): 65.75				
		37A. Minimum (psig): -0.03		37B. Maximum (psig): 0.03			
38A. Minimum liquid surface temperature (°F): 53.60			38B. Corresponding vapor pressure (psia): 0.24				
39A. Avg. liquid surface temperature (°F): 63.43			39B. Corresponding vapor pressure (psia): 0.32				
40A. Maximum liquid surface temperature (°F): 73.25			40B. Corresponding vapor pressure (psia): 0.44				
41. Provide the following for each CALCULATIONS	liquid or gas	to be stored in the tank.	Add add	litional pages if 1	necessary. Sl	EE PROMAX MODEL IN	
41A. Material name and composition	on:						
41B. CAS number:							
41C. Liquid density (lb/gal):							
41D. Liquid molecular weight (lb/l							
41E. Vapor molecular weight (lb/lb-mole):							
41F. Maximum true vapor pressure (psia):							
41G. Maximum Reid vapor pressure (psia):							
41H. Months Storage per year.							
From: To:							
42. Final maximum gauge pressure							
temperature prior to transfer into tank used as							
inputs into flashing emission calculations.							

### STORAGE VESSEL DATA SHEET

Complete this data sheet if you are the owner or operator of a storage vessel that contains condensate and/or produced water. This form must be completed for *each* new or modified bulk liquid storage vessel(s) that contains condensate and/or produced water . (If you have more than one (1) identical tank (i.e. 4-400 bbl condensate tanks), then you can list all on one (1) data sheet). **Include gas sample analysis, flashing emissions, working and breathing losses, USEPA Tanks, simulation software (ProMax, E&P Tanks, HYSYS, etc.), and any other supporting documents where applicable.** 

### The following information is **REQUIRED**:

- ⊠ Composition of the representative sample used for the simulation
- ☑ For each stream that contributes to flashing emissions:
  - $\boxtimes$  Temperature and pressure (inlet and outlet from separator(s))
  - ⊠ Simulation-predicted composition
  - $\boxtimes$  Molecular weight
  - $\boxtimes$  Flow rate
- ⊠ Resulting flash emission factor or flashing emissions from simulation
- $\boxtimes$  Working/breathing loss emissions from tanks and/or loading emissions if simulation is used to quantify those emissions

Additional information may be requested if necessary.

#### **GENERAL INFORMATION**

1. Bulk Storage Area Name	2. Tank Name					
Danville Station	Pipeline Fluids Storage Tank					
3. Emission Unit ID number	4. Emission Point ID number					
TKO-2	ТКО-2					
5. Date Installed , Modified or Relocated (for existing tanks)	6. Type of change:					
2005	$\Box$ New construction $\Box$ New stored material $\boxtimes$ Other					
Was the tank manufactured after August 23, 2011?	□ Relocation					
🗆 Yes 🛛 No						
7A. Description of Tank Modification (if applicable) Increase T	hroughput through storage tank					
7B. Will more than one material be stored in this tank? If so, a	separate form must be completed for each material.					
$\Box$ Yes $\boxtimes$ No						
7C. Was USEPA Tanks simulation software utilized?						
$\Box$ Yes $\boxtimes$ No ProMax model simulation report ran (See calculations)						
If Yes, please provide the appropriate documentation and items	8-42 below are not required.					

#### TANK INFORMATION

8. Design Capacity (specify barrels or gallons). Use the internal cross-sectional area multiplied by internal height.							
100 bbl / 4,200 gallons							
9A. Tank Internal Diameter (ft.) 8.5	9B. Tank Internal Height (ft.) 10						
10A. Maximum Liquid Height (ft.) 10	10B. Average Liquid Height (ft.) 5						
11A. Maximum Vapor Space Height (ft.) 10	11B. Average Vapor Space Height (ft.) 5						
12. Nominal Capacity (specify barrels or gallons). This is also	known as "working volume". 100 bbl / 4,200 gallons						
13A. Maximum annual throughput (gal/yr) 121,677	13B. Maximum daily throughput (gal/day) 333.36						
14. Number of tank turnovers per year 28.97	15. Maximum tank fill rate (gal/min) 0.23						
16. Tank fill method $\Box$ Submerged $\boxtimes$ Splash	□ Bottom Loading						
17. Is the tank system a variable vapor space system? $\Box$ Yes	🖾 No						

If yes, (A) What is the volume expansion capacity of the system (gal)?										
(B) What are the number of transfers into the system per year?										
18. Type of tank (check all that apply):										
$\boxtimes$ Fixed Roof $\boxtimes$ vertical	$\Box$ horizontal $\boxtimes$ flat roof $\Box$ cone roof $\Box$ dome roof $\Box$ other (describe)									
□ External Floating Roof	$\Box$ pontoon roof $\Box$ double deck roof									
□ Domed External (or Covered	) Floating Roof									
□ Internal Floating Roof	$\Box$ vertical column support $\boxtimes$ self-supporting									
□ Variable Vapor Space	$\Box$ lifter roof $\Box$ diaphragm									
□ Pressurized	$\Box$ spherical $\boxtimes$ cylindrical									
$\Box$ Other (describe)										

### PRESSURE/VACUUM CONTROL DATA

19. Check as many as appl	y:										
Does Not Apply			🗆 Rupti	are Disc (psig)							
□ Inert Gas Blanket of		$\Box$ Carbon Adsorption <sup>1</sup>									
□ Vent to Vapor Combustion Device <sup>1</sup> (vapor combustors, flares, thermal oxidizers, enclosed combustors)											
Conservation Vent (psig	g)		$\Box$ Cond	enser <sup>1</sup>							
-0.03 Vacuum Setting	0.03 Pre	essure Sett	ing								
Emergency Relief Valv	e (psig)										
Vacuum Setting	I	Pressure S	etting								
□ Thief Hatch Weighted	□ Yes □	No									
<sup>1</sup> Complete appropriate Air	Pollution	Control D	Device Sheet								
20. Expected Emission Rat	te (submit	Test Data	or Calculations h	ere or elsewhere in	the application	tion).					
Material Name	Flashing	g Loss	Working/F	Breathing Loss	Total		Estimation Method <sup>1</sup>				
					Emissio	ns Loss					
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy					
VOCs	0.001	0.002	0.001	0.001	0.001	0.003	Promax				
							1				

<sup>1</sup> EPA = EPA Emission Factor, MB = Material Balance, SS = Similar Source, ST = Similar Source Test, Throughput Data, O = Other (specify) *Remember to attach emissions calculations, including TANKS Summary Sheets and other modeling summary sheets if applicable.* 

TANK CONSTRUCTION AND OPERATION INFORMATION											
21. Tank Shell Construction:											
$\Box$ Riveted $\Box$ Gunite lined $\Box$ Epoxy-coated rivets $\boxtimes$ Other (describe) Welded Seams											
21A. Shell Color: Silver/Grey21B. Roof Color: Silver/Grey21C. Year Last Painted: 2014											
22. Shell Condition (if metal and unlined):											
🛛 No Rust 🗌 Light Rust 🗌 Dense Rust 🗌 Not applicable											
22A. Is the tank heated? $\Box$ Yes $\boxtimes$ No 22B. If yes, operating temperature: 22C. If yes, how is heat provided to tank?											
23. Operating Pressure Range (psig):											
Must be listed for tanks using VRUs with	th closed vent system.										
24. Is the tank a <b>Vertical Fixed Roof Tank</b> ?	24A. If yes, for dome roof provide radius (ft):	24B. If yes, for cone roof, provide slop (ft/ft):									
$\boxtimes$ Yes $\Box$ No	4.25										
25. Complete item 25 for Floating Roof Tanks	$\square$ Does not apply $\square$										
25A. Year Internal Floaters Installed:											
25B. Primary Seal Type (check one):	allic (mechanical) shoe seal $\Box$ Liquid mo	unted resilient seal									
🗆 Vap	or mounted resilient seal $\Box$ Other (des	scribe):									
25C. Is the Floating Roof equipped with a second	ndary seal? 🗆 Yes 🛛 No										
25D. If yes, how is the secondary seal mounted	? (check one) $\Box$ Shoe $\Box$ Rim $\Box$ Other	her (describe):									
25E. Is the floating roof equipped with a weather	er shield? 🗌 Yes 🗌 No										
25F. Describe deck fittings:											

26. Complete the following section	for Interna	l Floating Roof Tanks		Does not apply			
26A. Deck Type: 🗌 Bolted	□ W	/elded	26B. 1	For bolted decks,	provide dec	k construction:	
26C. Deck seam. Continuous sheet	t constructio	n:					
$\Box$ 5 ft. wide $\Box$ 6 ft. wide $\Box$	7 ft. wid	e $\Box$ 5 x 7.5 ft. wide	□ 5 x	12 ft. wide $\Box$	other (de	scribe)	
26D. Deck seam length (ft.):	26E. Area	of deck (ft <sup>2</sup> ):	26F. For column supported tanks, # of columns:			26G. For column supported tanks, diameter of column:	
27. Closed Vent System with VRU	? 🗆 Yes	🛛 No					
28. Closed Vent System with Enclo	osed Combu	stor? 🗆 Yes 🗵 No					
SITE INFORMATION							
29. Provide the city and state on wh	hich the data	in this section are based	Charle	ston, WV			
30. Daily Avg. Ambient Temperatu				-	-	rature (°F): 65.75	
32. Annual Avg. Minimum Temper				vg. Wind Speed			
34. Annual Avg. Solar Insulation F	Factor (BTU/	'ft <sup>2</sup> -day): 1,250.6	35. A	tmospheric Press	ure (psia): 1	4.25	
LIQUID INFORMATION							
36. Avg. daily temperature range of liquid (°F): 58.06	f bulk	36A. Minimum (°F):	44.22         36B. Maximum (°F): 65.75			mum (°F): 65.75	
37. Avg. operating pressure range (psig): 0.0	of tank	37A. Minimum (psig):	-0.03 37B. M		37B. Maxi	B. Maximum (psig): 0.03	
38A. Minimum liquid surface temp	perature (°F)	: 53.60	38B.	Corresponding va	apor pressure	e (psia): 0.24	
39A. Avg. liquid surface temperatu	re (°F): 63	.43	39B. Corresponding vapor pressure (psia): 0.32				
40A. Maximum liquid surface temp	perature (°F)	: 73.25	40B. Corresponding vapor pressure (psia): 0.44				
41. Provide the following for each CALCULATIONS	liquid or gas	to be stored in the tank.	Add add	litional pages if r	necessary. Sl	EE PROMAX MODEL IN	
41A. Material name and composition	on:						
41B. CAS number:							
41C. Liquid density (lb/gal):							
41D. Liquid molecular weight (lb/l							
41E. Vapor molecular weight (lb/lb							
41F. Maximum true vapor pressure							
41G. Maximum Reid vapor pressu	re (psia):						
41H. Months Storage per year.							
From: To:							
42. Final maximum gauge pressure							
temperature prior to transfer into tar							
inputs into flashing emission calculated	ations.						

### TANKER TRUCK LOADING DATA SHEET

Complete this data sheet for each new or modified bulk liquid transfer area or loading rack at the facility. This is to be used for bulk liquid transfer operations to tanker trucks. Use extra pages if necessary.

### **Truck Loadout Collection Efficiencies**

The following applicable capture efficiencies of a truck loadout are allowed:

- For tanker trucks passing the MACT level annual leak test 99.2%
- For tanker trucks passing the NSPS level annual leak test 98.7%
- For tanker trucks not passing one of the annual leak tests listed above 70%

Compliance with this requirement shall be demonstrated by keeping records of the applicable MACT or NSPS Annual Leak Test certification for *every* truck and railcar loaded/unloaded. This requirement can be satisfied if the trucking company provided certification that its entire fleet was compliant. This certification must be submitted in writing to the Director of the DAQ. These additional requirements must be noted in the Registration Application and will be noted on the issued G35-C Registration.

Emission Unit ID#: TL-	01	Emissi	on Point ID#	: 001-12	2001-12 Year Installed/Modified: 2014/2017								
Emission Unit Descripti	ion: Emissions	from True	k Loading a	re vented to A	Atmosph	ere							
	Loading Area Data												
Number of Pumps: 1 / On TruckNumber of Liquids Loaded: 1Max number of trucks loading at (1) time: 1													
Are tanker trucks pressure tested for leaks at this or any other location? $\Box$ Yes $\Box$ No $\boxtimes$ Not Required If Yes, Please describe:													
Provide description of closed vent system and any bypasses.													
<ul> <li>Are any of the following truck loadout systems utilized?</li> <li>Closed System to tanker truck passing a MACT level annual leak test?</li> <li>Closed System to tanker truck passing a NSPS level annual leak test?</li> <li>Closed System to tanker truck not passing an annual leak test and has vapor return?</li> </ul>													
Pro	jected Maxim	m Opera	ting Schedul	e (for rack o	r transf	er point as	s a wh	ole)					
Time	Jan – N	lar	Apr	- Jun	J	ul – Sept		Oct - Dec					
Hours/day	24		2	24		24		24					
Days/week	7			7		7		7					
	В	ılk Liquid	Data (use e	xtra pages a	s necess	ary)							
Liquid Name	F	ipeline Li	quids										
Max. Daily Throughput (1000 gal/day)		0.67											
Max. Annual Throughpu (1000 gal/yr)	ut	243.354	6										
Loading Method <sup>1</sup>		SUB											
Max. Fill Rate (gal/min)	te (gal/min) 0.23												
Average Fill Time (min/loading)		60											
Max. Bulk Liquid Temperature (°F)		58.06											

True Vapor I	Pressure <sup>2</sup>	0.32	
Cargo Vesse	1 Condition <sup>3</sup>	С	
Control Equipment or Method <sup>4</sup>		None	
Max. Collection Efficiency (%)		0	
Max. Contro (%)	l Efficiency	0	
Max.VOC	Loading (lb/hr)	< 0.01	
Emission Rate	Annual (ton/yr)	< 0.01	
Max.HAP	Loading (lb/hr)	0.00	
Emission Rate	Annual (ton/yr)	0.00	
Estimation M	1ethod <sup>5</sup>	ТМ	

1	BF	Bottom Fill	SP	Splash Fi	11		SUB	Submerged Fill
2	At maxin	num bulk liquid temperature		-				-
3	В	Ballasted Vessel	С	Cleaned		U	Uncleane	ed (dedicated service)
	0	Other (describe)						
4	List as	many as apply (complete and su	ubmit app	propriate .	Air Pollut	ion Contr	ol Device	Sheets)
	CA	Carbon Adsorption		VB	Dedicat	ed Vapor	Balance (c	closed system)
	ECD	Enclosed Combustion Device	e	F	Flare			
	TO	Thermal Oxidization or Incin	neration					
5	EPA	EPA Emission Factor in AP-	42			MB	Material	Balance
	ТМ	Test Measurement based upo	on test da	ta submitt	al	0	Other (de	escribe)

### ATTACHMENT M

# AIR POLLUTION CONTROL DEVICE SHEET(S) NOT APPLICABLE

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### ATTACHMENT N

## SUPPORTING EMISSIONS CALCULATIONS

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

#### Table 1. Annual Potential To Emit (PTE) Summary Cranberry Pipeline Corporation - Danville Compressor Station

#### Criteria Pollutants

Proposed Rule 13 Permit Modification Application Allowables - Criteria Pollutants											
Source	РМ	PM10	PM2.5	SO2	NOx	со	VOC	CO2e			
Tanks (ton/yr)	-	-	-	-	-	-	0.007	-			
Truck Loading (ton/yr)	-	-	-	-	-	-	0.001	-			
Total Emissions (ton/yr)	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000			
Total Emissions (lb/hr)	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000			

#### Hazardous Air Pollutants (HAPs)

#### Proposed Rule 13 Permit Modification Application Allowables - HAPs

Source	Acetaldehyde	Benzene	Toluene	Ethylbenzene	Xylene	n-Hexane	Formaldehyde	Total HAPs
Tanks (ton/yr)	-	-	-	-	-	-	-	-
Truck Loading (ton/yr)	-	-	-	-	-	-	-	-
Total Emissions (ton/yr)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Emissions (Ib/hr)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

#### Criteria Pollutants

urrent Rule 13 Permit Allowables (R13-2585D) - Criteria Pollutants												
Source	РМ	PM10	PM2.5	SO2	NOx	со	VOC	CO2e				
Engines (ton/yr)	0.516	0.516	0.516	0.030	31.258	5.520	6.086	6149.702				
Dehydration Unit/Flare (ton/yr)	-	-	-	0.164	0.270	1.470	1.311	565.601				
Tanks (ton/yr)	-	-	-	-	-	-	0.950	-				
Truck Loading (ton/yr)	-	-	-	-	-	-	0.087	-				
Fugitives (ton/yr)	-	-	-	-	-	-	0.556	45.800				
Total Emissions (ton/yr)	0.516	0.516	0.516	0.194	31.528	6.990	8.990	6761.103				
Total Emissions (lb/hr)	0.118	0.118	0.118	0.044	7.198	1.596	2.053	1543.631				

#### Current Rule 13 Permit Allowables (R13-2585D) - HAPs

#### Hazardous Air Pollutants (HAPs)

Source	Acetaldehyde	Benzene	Toluene	Ethylbenzene	Xylene	n-Hexane	Formaldehyde	Total HAPs
Engines (ton/yr)	-	0.022	0.020	0.002	0.010	0.056	2.724	2.832
Dehydration Unit/Flare (ton/yr)	-	0.036	0.033	0.060	0.082	0.022	-	0.232
Tanks (ton/yr)	-	-	-	-	-	-	-	-
Truck Loading (ton/yr)	-	-	-	-	-	-	-	-
Fugitives (ton/yr)	-	0.004	0.006	-	0.002	-	-	0.012
Total Emissions (ton/yr)	0.000	0.062	0.059	0.062	0.094	0.078	2.724	3.076
Total Emissions (lb/hr)	0.000	0.014	0.013	0.014	0.021	0.018	0.622	0.702

Table 2. Tank Emissions	
Cranberry Pipeline Corporation - Danville Compressor Station	

Emission Unit ID	Tank Capacity (gal)	Tank Contents	Control Devices	Tank Throughput (bbls/day)		VOC Emission Factor (lbs/bbls)		VOC Emissions (lb/hr) <sup>(b)</sup>	VOC Emissions (tons/yr) <sup>(c)</sup>
TKO-1	4200	Pipeline Fluids	None	7.94	2.40E-03	(1)	6.958	0.001	0.003
TKO-2	4200	Pipeline Fluids	None	7.94	2.40E-03	(1)	6.958	0.001	0.003
Totals							13.92	0.002	0.007

#### Calculations:

(a) VOC Emissions (lb/yr) = Tank Throughput (bbls/day) \* VOC Emission Factor (lbs/bbls) \* (365days/yr)

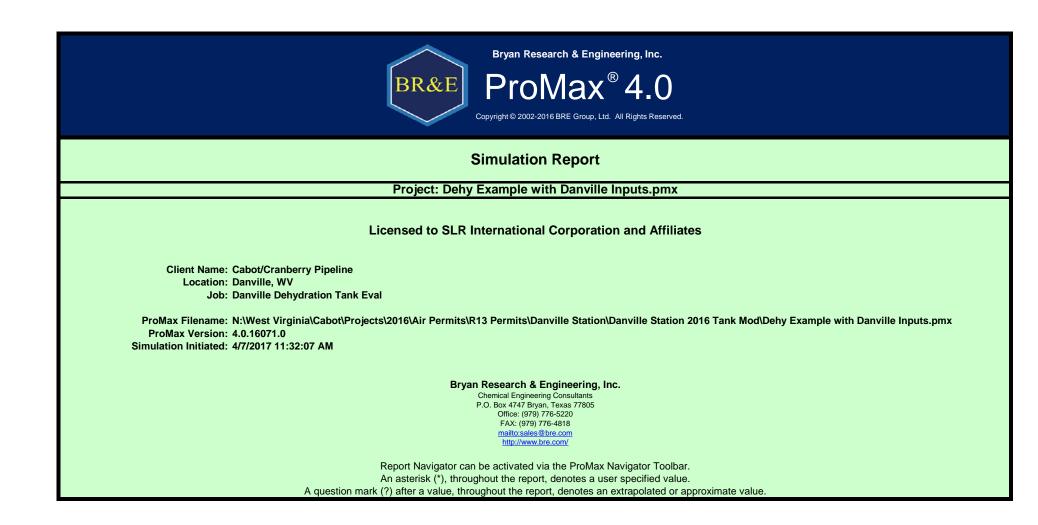
(b) VOC Emissions (lb/hr) = VOC Emissions (lbs/yr) \* (yr/8760hr)

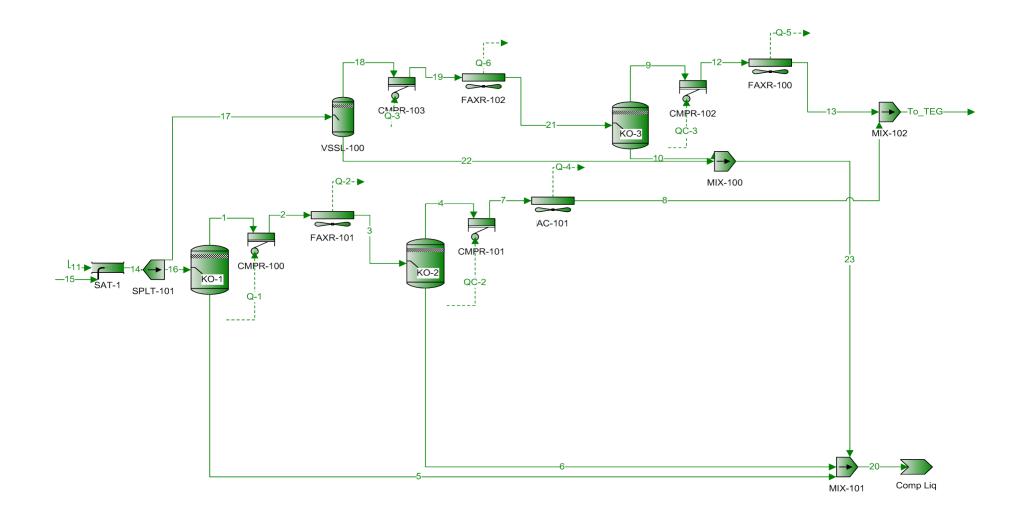
(c) VOC Emissions (ton/yr) = VOC Emissions (lbs/yr) \* (1ton/2000lbs)

#### Notes:

(1) VOC emission factor includes Flashing/Working/Breathing losses as calculated from the Promax Model Simulation report

Contents	Volume Transferred	PTE VOC Emissions (lb/hr)	PTE VOC Emissions (ton/yr) <sup>(a)</sup>
Pipeline Liquids	243,355 gal/yr	1.70E-04	7.43E-04
Total		1.70E-04	7.43E-04
Calculations: (a) PTE VOC Emissions (ton/y		Pipeline liquids	lation report
	Saturation factor	<u>Pipeline liquids</u> 0.60	lation report
(a) PTE VOC Emissions (ton/y		Pipeline liquids	lation report

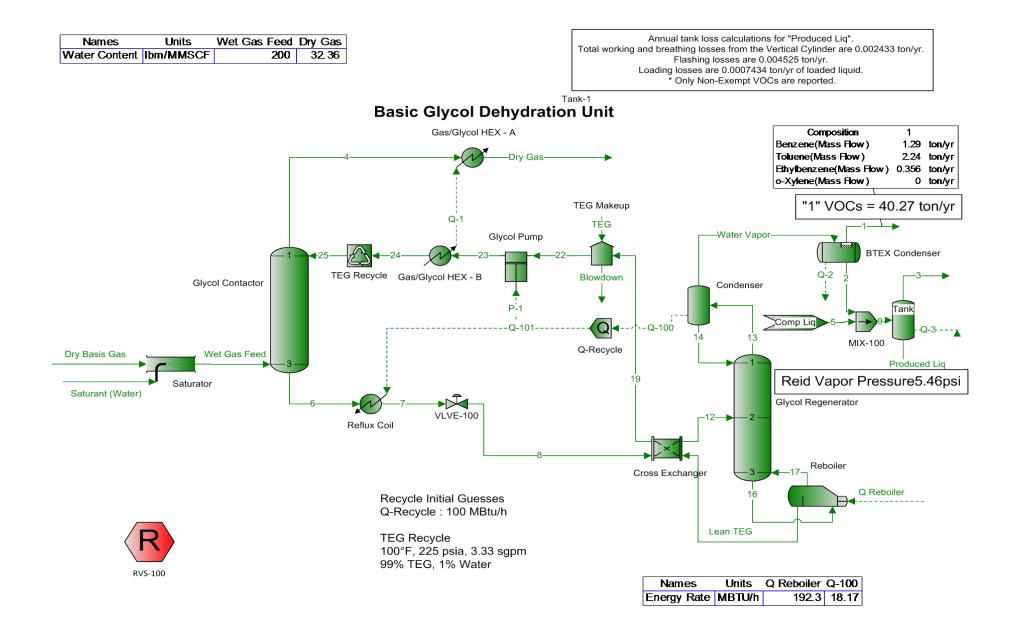




Process Streams		To_TEG	5	6	8	10	11	13	16	17	20	22	23
Properties	Status:	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved
Phase: Total	From Block: To Block:	MIX-102 	KO-1 MIX-101	KO-2 MIX-101	AC-101 MIX-102	KO-3 MIX-100	 SAT-1	FAXR-100 MIX-102	SPLT-101 KO-1	SPLT-101 VSSL-100	MIX-101 Comp Liq	VSSL-100 MIX-100	MIX-100 MIX-101
Property	Units												
Temperature	°F	81.5231		52	85*		56*	72*	56	56	52		
Pressure	psig	227.004	3.00405	35.0041	230.004	52.0041	3.00405*	227.004	3.00405	3.00405	35.0041	3.00405	52.0041
Mole Fraction Vapor	%	99.7978	0	0	99.8668	0	100	99.5931	100	100	0	0	
Molecular Weight	lb/lbmol	20.7902		18.0159	20.7914		20.8023	20.7866	20.7866	20.7866	18.0159		
Mass Flow	lb/h	45854.4	0	51.7668	34183.2	0	45681.2	11671.3	34234.9	11671.3	51.7668	0	0
Std Vapor Volumetric Flow	MMSCFD	20.0876	0	0.0261698	14.9738	0	20*	5.11375	15*	5.11375	0.0261698	0	0
Std Liquid Volumetric Flow	sgpm	263.468	0	0.103510	196.457	0	263.122	67.0108	196.561	67.0108	0.103510	0	0
Specific Gravity	•.			1.00091			0.718248		0.717704	0.717704	1.00091		
API Gravity				10.0118							10.0118		
Net Ideal Gas Heating Value	Btu/ft^3	1104.38		0.126592	1104.87		1109.21	1102.94	1102.94	1102.94	0.126592		

Process Streams		To_TEG	5	6	8	10	11	13	16	17	20	22	23
Composition	Status:	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved
Phase: Total	From Block:	MIX-102	KO-1	KO-2	AC-101	KO-3		FAXR-100	SPLT-101	SPLT-101	MIX-101	VSSL-100	MIX-100
	To Block:		MIX-101	MIX-101	MIX-102	MIX-100	SAT-1	MIX-102	KO-1	VSSL-100	Comp Lig	MIX-100	<b>MIX-101</b>
Mole Fraction		%	%	%	%	%	%	%	%	%	%	%	%
N2		2.29426		0.000108381	2.29528		2.30430*	2.29127	2.29127	2.29127	0.000108381		
Oxygen		0		0	0		0*	0	0	0	0		
CO2		0.179394		0.000389664	0.179474		0.180180*	0.179161	0.179161	0.179161	0.000389664		
Methane		77.4696		0.00744744	77.5040		77.8088*	77.3688	77.3688	77.3688	0.00744744		
Ethane		12.0772		0.00192824	12.0826		12.1301*	12.0615	12.0615	12.0615	0.00192824		
Propane		4.83269		0.000550805	4.83484		4.85385*	4.82640	4.82640	4.82640	0.000550805		
i-Butane		0.495328		4.57868E-05	0.495548		0.497497*	0.494684	0.494684	0.494684	4.57868E-05		
n-Butane		1.22985		0.000125984	1.23040		1.23524*	1.22825	1.22825	1.22825	0.000125984		
2,2-Dimethylpropane		0.0179395		9.98235E-07	0.0179474		0.0180180*	0.0179161	0.0179161	0.0179161	9.98235E-07		
i-Pentane		0.302978		2.43270E-05	0.303112		0.304304*	0.302583	0.302583	0.302583	2.43270E-05		
n-Pentane		0.280055		7.16141E-06	0.280179		0.281281*	0.279691	0.279691	0.279691	7.16141E-06		
Neohexane		0.0109630		3.16382E-07	0.0109679		0.0110110*	0.0109487	0.0109487		3.16382E-07		
Cyclopentane		0		0	0		0*	0	0	0	0		
2,3-Dimethylbutane		0.0239193		1.70723E-06	0.0239299		0.0240240*	0.0238882	0.0238882	0.0238882	1.70723E-06		
Isohexane		0.0797309		3.14628E-06	0.0797664		0.0800801*	0.0796272	0.0796272	0.0796272	3.14628E-06		
3-Methylpentane		0.0448486		4.59569E-06	0.0448686		0.0450450*	0.0447903	0.0447903	0.0447903	4.59569E-06		
Methylcyclopentane		0.0229226		4.06302E-06	0.0229328		0.0230230*	0.0228928	0.0228928	0.0228928	4.06302E-06		
Benzene		0.00398645		7.19135E-05	0.00398819		0.00400400*	0.00398136	0.00398136		7.19135E-05		
Cyclohexane		0.0219260		9.68858E-06	0.0219357		0.0220220*	0.0218975	0.0218975	0.0218975	9.68858E-06		
2-Methylhexane		0.0189361		6.54738E-07	0.0189445		0.0190190*	0.0189115	0.0189115	0.0189115	6.54738E-07		
3-Methylhexane		0.0179395		7.79484E-07	0.0179474		0.0180180*	0.0179161	0.0179161		7.79484E-07		
2,2,4-Trimethylpentane		0		0	0		0*	0	0	0	0		
2,3-Dimethylpentane		0		0	0		0*	0	0	0	0		
n-Heptane		0.0289025		4.33095E-07	0.0289153		0.0290290*	0.0288649	0.0288649	0.0288649	4.33095E-07		
Methylcyclohexane		0.0279058		5.21785E-06	0.0279182		0.0280280*	0.0278695	0.0278695	0.0278695	5.21785E-06		
Toluene		0.00498310		6.59344E-05	0.00498528		0.00500501*	0.00497670	0.00497670	0.00497670	6.59344E-05		
2-Methylheptane		0		0	0		0*	0	0	0	0		
n-Octane		0.00896973		5.13493E-08	0.00897372		0.00900901*	0.00895806	0.00895806	0.00895806	5.13493E-08		
Ethylbenzene		0		0	0		0*	0	0	0	0		
m-Xylene		0.000996627		7.37177E-06	0.000997067		0.00100100*	0.000995340	0.000995340	0.000995340	7.37177E-06		
o-Xylene		0.000996612		1.87335E-05	0.000997047		0.00100100*	0.000995340	0.000995340	0.000995340	1.87335E-05		
2,2-Dimethylheptane		0		0	0		0*	0	0	0	0		
n-Nonane		0.00298991		2.47585E-08	0.00299124		0.00300300*	0.00298602	0.00298602	0.00298602	2.47585E-08		
2-Methylnonane		0		0	0		0*	0	0	0	0		
n-Decane		0.000996637		2.17850E-09	0.000997080		0.00100100*	0.000995340	0.000995340	0.000995340	2.17850E-09		
Undecane		0		0	0		0*	0	0	0	0		
Water		0.435999		99.9892	0.391764		0*	0.565527	0.565527	0.565527	99.9892		
TEG		0		0	0		0*	0	0	0	0		
Argon		0		0	0		0*	0	0	0	0		
CO		0		0	0		0*	0	0	0	0		
C07s Others x1		0.0259126		2.14375E-06	0.0259241		0.0260260*	0.0258788	0.0258788		2.14375E-06		
C08s Others x1		0.0279058		4.12911E-06	0.0279182		0.0280280*	0.0278695	0.0278695		4.12911E-06		
C09s Others x1		0.00896973		1.99546E-06	0.00897371		0.00900901*	0.00895806	0.00895806		1.99546E-06		
C10s Others x1		0		0	0		0*	0	0	0	0		

Sign         14763         0         84764         967.3         0         44762         30.344         198.7.3         96.7.5         97.0	Mass Flow	lb/h	lb/h lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h
Shapa         To         0 <td></td> <td>0</td>												0
Akalawa         274110         0         0.034330         0.047330         0.0         274112         0.0000         0.0000000         0         0           Akara         0.0000         0         0.0000000         0         0.00000000         0         0.00000000         0         0         0.00000000         0         0         0.0000000         0         0         0.00000000         0         0.00000000         0         0.00000000         0         0.00000000         0         0.000000000         0         0.0000000000000         0         0.00000000000000000000000000000000000	Oxygen											0
Stars         6000 SP         0         0.0009801         0.0008801         0.000801 <td>CO2</td> <td>174.132</td> <td>0 0.000492758</td> <td>129.860</td> <td>0</td> <td>174.132*</td> <td></td> <td>129.860</td> <td>44.2716</td> <td>0.000492758</td> <td>0</td> <td>0</td>	CO2	174.132	0 0.000492758	129.860	0	174.132*		129.860	44.2716	0.000492758	0	0
Shapen         4703 10         0         0.00387764         SSC 1         0         4703 17         11.48         0.0002764         0         0           Algarn         0         2.0048764         47.30 17         11.48         0.0002764         11.48         0.0002764         11.48         0.0002764         11.48         0.0002764         11.48         0.0002764         0.0	Methane											0
-Balent         03.4377         0         0.40876         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.40875         0         0.408755         0.40875         0.40875												0
Scharen         1578.5         0         0.00210(A)         1178.75         0.003         1178.75         0.003         0.00210(A)         0         1           Alternation         440.05         0         0.44800.5         222.24         10.00210         22.2002         20.00210         14.8400.5         0         1         10.002100         10.002100         10.002100												0
2.2.0mm/shubure         2.8.171         7.178         2.1682         7.268 <td></td> <td>0</td>												0
Shatter         Absolute         Set State         0         4 de 128         12.27         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.37         35.851         12.385         35.851         12.385         35.851         12.385         35.851         12.385         35.851         12.385         35.851         12.385         35.851         12.385         35.851         12.385         35.851         12.3855         35.851         12.3855         35.851												0
Arthones         444.661         0         1.44862.63         323.34         0         444.651         1.130         32.38         1.200         1.4882.66         0           2.3.Dimutipuesto         0         2.3.Dimutipuesto         0         2.3.Dimutipuesto         0         2.3.Dimutipuesto         3.3.Dimutipuesto												0
Specentimie         0        0         0												0
S.Dimenyatana         44.402         0         4.27788-0         33.541         0         4.4602         115605         4.27788-0         0           S.Dimenyatana         42.541         0         2.200000         11101         0         11.542         30.5000         11.5005         4.27788-0         0           Machylophana         42.541         0         2.20000         11.711         0         44.5691         11.5005         4.27788-0         0           Machylophana         42.561         0.0000         2.20000         3.3000         0         4.0000         3.3000         1.3000         3.3000         0         4.0000         3.3000         0         0.000         0 <td>Neohexane</td> <td>20.8370</td> <td>0 7.83414E-07</td> <td>15.5394</td> <td>0</td> <td>20.8370*</td> <td>5.29763</td> <td>15.5394</td> <td>5.29763</td> <td>7.83414E-07</td> <td>0</td> <td>0</td>	Neohexane	20.8370	0 7.83414E-07	15.5394	0	20.8370*	5.29763	15.5394	5.29763	7.83414E-07	0	0
sistescan         191.542         0         7.780/16-06         11.014         0         96.1542*         98.200         7.180/16-06         0           Sistescan         6.875         1         10.197         6         6.856         11.114         0         21.527         11.114         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         21.527         11.528         1		-	• •	-					-	-		0
Sheenyocheenne         66.2624         0         11.2797 6.0         26.2624         0.21671         10.2797 1.12797 6.0         0           Sheenyocheenne         60.0891         0         2.26026         0         10.2781         10.2791         10.2792 1.12797 6.0         0           Sheenyocheenne         60.0891         0         2.26026         0         10.2781         10.2781         2.44255 6.0         0           Sheenyocheen         0         0         2.26026         0         3.6467         10.3781         2.44255 6.0         0           Sheenyocheen         0        0											-	0
Methylockpresse         4.5.961         0         6.25357         0         6.25367         1.01378         0.13778         0.13778         0.1378 <th0.1378< th="">         0.13788         0.</th0.1378<>					-							0
Secame         6.87874         0         0.00161407         5.1278         0         6.87874         1.7476         5.00161407         0           Secame         3.0488         0         2.244256         8.3371         0         3.0404         1.3374         0.00178         2.244256         0           Secame         0         0         2.244256         8.3371         0         3.04047         1.3374         0.00178         2.244256         0           Secame         0												0
Openhamme         40.081         0         2.32820         0         40.08124         30.3017         0         40.08124         30.208         0.0374         30.208         0.0374         30.208         0.0374         30.208         0.0378         2.3245         0         0.0378         2.3475         0.0378         0.0378         2.3475         0.0378         0.0378         0.3478         0.3475         0.0378         0.3475         0.3475         0.0378         0.3475         0.3475         0.0378         0.3478         0.3475         0.3475         0.3475         0.3475         0.3475         0.3475         0.3475         0.3475         0.3475												0
Schedingerande         14.1841         01         18.215-00         0         41.8149         10.2399         31.2080         0         41.8149         10.2399         25.200         10.0289         25.200         10.028         25.244265         0        0         0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></th<>												0
2.2.4.Time/spectram         0	2-Methylhexane	41.8494	0 1.88512E-06	31.2096	0	41.8494*	10.6399	31.2096	10.6399	1.88512E-06	0	0
2.5.5methylenne         0        0         0         0        <	3-Methylhexane	39.6468	0 2.24429E-06	29.5670		39.6468*		29.5670	10.0799	2.24429E-06		0
	2,2,4-Trimethylpentane	-	• •						-			0
Machigkophenane         ED. 521         0         1.74768-55         0         ED. 521         1.53461         7.55712         5.53451         7.55741         0.0778         1.53481         7.47512         0.53481         7.47512         0.53481         7.75712         0.00017446         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.00017440         0.0001740         0.0000         0.0001740         0.000174741740		-							-			0
Taumin         11.1568         0         0.0074862         7.5514         0.0         10.077462         0.0         0.0077462         0.0           Chilas         0        0         <												0
Networkpapme         0        0         0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></th<>												0
Cotamin         22.5044         0         <												0
Emplorance         0         0         0         0         0         0         0         0         0         0         0         0           S-More S-MORE S-MORE S-MORE S-MORE S-MORE S-MORE S-MORE S-MORE S-MORE S-MOR		-							-			0
Sylpen         2.3382         0         5.7479E-05         1.74036         0.93386         7.1479E-05         0	Ethylbenzene		0 0		0	0*			0	0	0	0
52-Dimethysipation         0         0         0         0         0         0         0         0         0         0           CAMery fromme         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0         1.1278         0	m-Xylene											0
-bonne         8.46777         0         0.1242E-08         6.30746         0         6.46777         2.1502         6.30746         0.12502<	o-Xylene											0
Shelenjenome         0         0         0         0         0         0         0         0         0         0           Onderane         12/25/8         0 <td></td> <td>Ũ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>-</td> <td></td> <td>0</td>		Ũ							0	-		0
bleenen         312758         0         0.80462-09         2.32342         0         3.12758         0.70516         8.06462-09         0           Water         173240         0         5.1785         11.608         0        0         0         0												0
Undexane         0        0         0         0 </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>•</td> <td></td> <td>0</td>		-							0	•		0
Water         172_240         0         6         15.7955         0												0
TEG         0		-							-			0
CD         0         0         0         0         0         0         0         0         0         0         0         0         0           CDS Offers_11         57.2877         0         6.72877         0         6.72877         14.5598         6.72878         6.4508         6.72878         6.4508         6.72878         6.72878         7.78748         62.7315         17.78748         52.4315         17.78748         1.35528E-06         0												0
CD7s Obtex_x1         S7.2677         0         6.1722E=06         42.7079         14.5598         42.7079         14.5598         6.1722E=06         0           C080 Obtex_x1         25.3733         0         7.35982E=06         18.9223         0         72.5784         1.35528.E=06         0           C080 Obtex_x1         0        0         0         0	Argon	0							0	0		0
Colds Others_x1         73.3063         0         1.35528E-05         52.4315         0.78748         52.4315         0.78748         1.35528E-05         0           Clos Others_x1         0        0		-		-					-	-	-	0
Chilos Ohmen_x1         25.373         0         7.3582E-66         18.223         6.450/4         18.8223         6.450/4         18.8223         6.450/4         18.8223         6.450/4         18.8223         6.450/4         18.223         6.450/4         18.223         6.450/4         18.223         7.73/7         18.223         7.73/7         18.223         7.73/7         18.223         7.73/7         18.223         7.73/7         18.223         7.73/7         18.223         7.73/7         18.223         7.73/7												0
Clig. Others_x1         0         0         0         0         0         0         0         0           V2         1244.00         2.24M4E 67         922.405         1984.22         310.842         11914.3         402.70         2.24M5E 67         922.405         1984.22         310.842         11914.3         402.70         2.24M5E 67         65.2284         310.842         11914.3         402.70         2.24M5E 67         65.2284         310.842         11914.3         402.77         2.24M5E 67         65.2284         3373.01         3194.471         65.63264         3373.01         3194.471         65.63264         3373.01         1394.471         65.63264         3373.01         1394.471         65.63264         3373.01         1394.471         65.63264         3373.01         1394.471         65.63264         3373.01         146.842         208.02         1394.471         65.0326         5.51061 E-66         147.121         224.451         1308.471         65.0326         5.51061 E-66         147.121         224.617         146.245         348.371         66.01.853         65.0327         107.856         65.0328         107.77185         66.03.639         110.77185         66.036.632         108.727         7.5187.57         56.0328         107.77185												0
Volumetric Flow         ft*3/h         gpm         ft*3/h         f												0
N2         1244.00         2.294561.07         922.405         158.42         310.842         116.43         4027.70         2.294561.07           CO2         88.4699         7.61442E-07         66.5284         122.89         21.997         917.149         312.671         7.61442E-07           Mathane         38928.6         1.65538E-05         532749         992.45         3370.1         153.447         16538E-05           Ehane         2665.93         1.9778E-06         153.41         327.45         163.46         210.877.6         53808E-07           Abtane         195.391         1.9801E-07         143.245         334.82         47.8088         2493.74         80.165         19801E-07           Abtane         475.756         5.3394E-07         143.245         334.82         47.8088         2493.74         80.165         19801E-07           Abtane         475.756         5.3394E-07         143.245         33.482         47.8088         2493.74         80.165         198.016-07           Abtane         97.2656         3.43972         197.7444         197.649         187.644         21.057.5         11.4393         80.809         477.752.546.907-06           Norbexane         2.637.771         7.771916-06				÷	-	0	0		0	0	0	
CO2         88.4699         7.6142E-07         65.624         129.89         21.977         917.149         312.671         7.6142E-07           Behnane         5620.53         5.51061E-06         4171.21         6242.9         1932.56         61483.4         2086.07         5.51061E-06           Popane         206.53         1.57783E-06         1534.41         32795.1         508.781         2445.76         83300         197733E-06           Butane         476.756         5.33804E-07         145.245         334.82         47.808         249.374         850.156         1.83301E-07           Pentane         106.607         1.03016E-07         145.245         334.82         47.808         249.374         850.166         1.83301E-07           Pentane         106.607         1.03016E-07         7.8661         20.267         1.51.366         89.956.6         30.6687         5.03300E-09           Cyclopentane         37.77         1.77181E-09         0		11 3/11	ft^3/n gpm	ft^3/h	ft^3/h	ft^3/h	ft^3/h	ft^3/h	ft^3/h	gpm	ft^3/h	ft^3/h
Methane         39828.6         1.6558E-05         29258.5         32749         9926.45         397301         135447         1.65538E-05           Propane         2005.33         1.97783E-06         1374.41         3275.1         5007.81         2445.7         8338.00         1.97783E-06           Petuane         145.245         333.42         77.808         2403.74         851.06         1.9301E-07           Petuane         476.756         5.3894E-07         354.439         282.61         161.848         893.65         30.687         5.38894E-07           2.2Dmethyloppane         10.4607         1.2031E-07         77.861         205.83         151.369         516.043         1.2031E-07           Pertane         97.285         3.54007E-06         72.4048         1876.64         2.853.3         1.7751E-09         2.7056         7.3177         0.84849         56.932.241         40.621         9.48675-09         0 <td>N2</td> <td>1244.00</td> <td>2.29454E-07</td> <td>922.405</td> <td>ft^3/h</td> <td>15842.2</td> <td>310.842</td> <td>11814.3</td> <td>4027.70</td> <td>2.29454E-07</td> <td>ft^3/h</td> <td>ft^3/h</td>	N2	1244.00	2.29454E-07	922.405	ft^3/h	15842.2	310.842	11814.3	4027.70	2.29454E-07	ft^3/h	ft^3/h
Enhane5620.535.51061F-064171.2124424.291592.566143.4120960.75.51061F-06Popane195.3911.93783F-061534.4122795.1508.781508.7812445.76538.001.97783F-06Patrane195.3911.98301F-07354.4398294.01116.4802495.765.0380F-072.2-Dimethylpropane6.633165.0380F-094.93417120.6271.51869616.3455.0380F-07Pentane197.28653.54907F-087.74861202.66153.411.995.4477.1253.54907F-08Nonbexane3.673721.77518F-092.735673.31770.8844936.6321.53211.7318F-09Cyclopentane0000000002.3-Dimethylpropane12.65271.18351.84501.95387-08Subetyn2.542331.77318F-095.843921.53.1891.807551.42423.8497E-09Subetyn2.6587-085.03587-082.03287-082.03287-082.03287-08Subetyn2.6587871.03552.66370.324331.93074.10325-08Subetyn7.641362.025387-082.0327470.324341.990086.7452Abetynchotane7.641362.025387-082.02578-081.027552.66371.92783.936114.10325-08Abetynchotane7.641762.025887-081.037541.90086.74752.92087-08Abetynchotane7.007774.01228	N2 Oxygen	1244.00 0	2.29454E-07 0	922.405 0	ft^3/h	15842.2 0	310.842 0	11814.3 0	4027.70 0	2.29454E-07 0	ft^3/h	ft^3/h
Pippane         2065.03         1.97783E-06         153.41         2478.51         257.81         2449.74         833.00         1.97783E-06           Hebtane         195.391         1.98301E-07         145.245         334.32         47.808         681.56         1.92030E-07           -BUtane         476.756         5.33804E-07         120.627         1.61396         689.596         30.6087         5.0330E-09           -Pertane         104.607         1.2036E-07         77.6861         222.69         151.69         51.6.043         1.2037E-07           Venbexane         3.67372         1.7751E-09         27.3556         73.3177         0.84490         54.6756         1.6338         1.7751E-09           Venbexane         7.84618         3.4967E-08         1.92387         52.244         6.18650         39.632         3.52.51         1.7731F-08           Sobexane         7.84618         3.4967E-08         1.92387         52.244         6.18650         39.632         3.52.51         1.7319E-08           Sobexane         7.84618         2.9207E-07         15.318         1.4972         3.5341         1.7319E-08           Sobexane         7.4473         2.54067F-08         5.21440         14.83         1.80728 <td< td=""><td>N2 Oxygen CO2</td><td>1244.00 0 88.4699</td><td>2.29454E-07 0 7.61442E-07</td><td>922.405 0 65.6284</td><td>ft^3/h</td><td>15842.2 0 1229.89</td><td>310.842 0 21.9977</td><td>11814.3 0 917.149</td><td>4027.70 0 312.671</td><td>2.29454E-07 0 7.61442E-07</td><td>ft^3/h</td><td>ft^3/h</td></td<>	N2 Oxygen CO2	1244.00 0 88.4699	2.29454E-07 0 7.61442E-07	922.405 0 65.6284	ft^3/h	15842.2 0 1229.89	310.842 0 21.9977	11814.3 0 917.149	4027.70 0 312.671	2.29454E-07 0 7.61442E-07	ft^3/h	ft^3/h
Butane         195.391         1.98.301E-07         1.45.245         3343.82         47.8088         2.493.74         850.156         1.98301E-07           2.2-Dimethylpropane         6.63316         5.03806E-09         4.93417         120.627         1.61306         89.9566         30.8687         5.0330E-09           P-Partane         104.607         1.20316E-07         77.8680         73.377         0.84400         54.675         18.338         477.125         3.54907E-08           Neohexane         37.2885         3.54907E-08         72.4048         1876.64         22.35110         1399.54         477.125         3.54907E-08           Neohexane         3.67372         1.77518E-09         2.73528         159.791         1.88344         1151.62         40.6241         9.4067E-09           Solexane         2.56333         1.77319E-08         19.2397         532.244         6.18580         29.827         76.1037         2.63637E-08           Solexane         2.56337         1.7318E-08         5.1257         1.237.88         1.80755         12.673         1.93018         1.4242         89.492         2.05982E-08           Solexane         7.56178         2.9307F-07         1.00335         12.675         1.247.38         8.3619	N2 Oxygen CO2 Methane	1244.00 0 88.4699 39828.6	2.29454E-07 0 7.61442E-07 1.65536E-05	922.405 0 65.6284 29538.5	ft^3/h	15842.2 0 1229.89 532749	310.842 0 21.9977 9926.45	11814.3 0 917.149 397301	4027.70 0 312.671 135447	2.29454E-07 0 7.61442E-07 1.65536E-05	ft^3/h	ft^3/h
2.2-Dimethylpropane         6.63316         5.03300E-09         4.93417         120.8627         1.61306         89.9566         30.8677         5.0330E-09           h-Partane         97.2685         3.54907E-08         72.4048         1876.64         23.5110         1399.54         477.125         3.54907E-08           Neohexane         3.67372         1.77518E-09         2.73556         73.3177         0.804490         54.675         18.6398         1.77518E-09           Q:clopentane         0 <td>N2 Oxygen CO2 Methane Ethane</td> <td>1244.00 0 88.4699 39828.6 5620.53</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06</td> <td>922.405 0 65.6284 29538.5 4171.21</td> <td><u>ft*3/h</u></td> <td>15842.2 0 1229.89 532749 82442.9</td> <td>310.842 0 21.9977 9926.45 1392.56</td> <td>11814.3 0 917.149 397301 61483.4</td> <td>4027.70 0 312.671 135447 20960.7</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06</td> <td><u>ft^3/h</u></td> <td>ft^3/h</td>	N2 Oxygen CO2 Methane Ethane	1244.00 0 88.4699 39828.6 5620.53	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06	922.405 0 65.6284 29538.5 4171.21	<u>ft*3/h</u>	15842.2 0 1229.89 532749 82442.9	310.842 0 21.9977 9926.45 1392.56	11814.3 0 917.149 397301 61483.4	4027.70 0 312.671 135447 20960.7	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06	<u>ft^3/h</u>	ft^3/h
ipentanic         104.607         1.20316E-07         77.8691         2028.69         25.2853         1513.69         516.043         120316E-07           Neohxane         3.67372         1.77518E-09         2.73556         73.3177         0.844490         54.6756         18.6398         17.7518E-09           Ockopentane         0         0         0         0         0         0         0           2.3-Dimethybutane         2.5.8233         1.77518E-09         5.84392         158.791         1.88344         119.162         40.624         9.4975E-08           Aldehybertane         1.44771         2.56367E-08         10.7858         2.99.352         3.46586         223.247         76.1097         2.56367E-08           Aldehybertane         7.54136         2.02583E-08         5.61557         153.189         1.80755         114.422         3.9469         2.9302E-08           Senzene         7.34708         2.02583E-08         5.61557         153.189         1.80755         114.742         3.9469         2.9302E-08           Aldentyhexane         5.10961         4.8787E-09         5.87642         119.1347         119.21         37.2014         47.1022E-08           2.4-Trimetyhybertane         0         0         0	N2 Oxygen CO2 Methane	1244.00 0 88.4699 39828.6 5620.53 2065.93	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06	922.405 0 65.6284 29538.5 4171.21 1534.41	<u>ft*3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1	310.842 0 21.9977 9926.45 1392.56 508.781	11814.3 0 917.149 397301 61483.4 24457.6	4027.70 0 312.671 135447 20960.7 8338.00	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06	ft^3/h	<u>ft^3/h</u>
n-Pentane         97.2865         3.54907E-08         72.4048         1376.64         22.3511         1399.54         477.125         3.54907E-08           Ochosano         0	N2 Oxygen CO2 Methane Ethane Propane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245	<u>ft*3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088	11814.3 0 917.149 397301 61483.4 24457.6 2493.74	4027.70 0 312.671 135447 20960.7 8338.00 850.156	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07	ft^3/h	tt^3/h
Neohexane         3.67.372         1.77518E-09         2.73556         73.317         0.884490         54.6756         18.6398         1.77518E-09           Cyclopentane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2,2-Dimethylpropane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09	ft^3/h	tt^3/h
Cyclopentane         0 <t< td=""><td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane</td><td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07</td><td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691</td><td><u>ft^3/h</u></td><td>15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69</td><td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853</td><td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69</td><td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07</td><td><u>ft^3/h</u></td><td><u>tt^3/h</u></td></t<>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691	<u>ft^3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07	<u>ft^3/h</u>	<u>tt^3/h</u>
2.3-Dimethylbutane       7.84618       9.49675E-09       5.84392       159,791       1.88344       119.162       40.6241       9.49675E-09         3-Methylpentane       14.4771       2.56367E-08       10.7858       299.352       3.46596       223.247       76.1087       2.56367E-08         Methylpentane       1.34448       2.99007E-07       1.00355       153.189       1.80755       114.242       2.99007E-07         Cyclohexane       7.00077       4.70123E-08       5.21440       146.320       1.67043       109.121       37.011       4.70123E-08         Adethylhexane       5.09161       4.13493E-09       3.03135       125.625       1.26738       39.6819       31.9377       4.13493E-09         2.4-Trimethylpentane       0 <td< td=""><td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane</td><td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08</td><td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048</td><td><u>ft^3/h</u></td><td>15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64</td><td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110</td><td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54</td><td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08</td><td><u>ft^3/h</u></td><td><u>tt^3/h</u></td></td<>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048	<u>ft^3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08	<u>ft^3/h</u>	<u>tt^3/h</u>
isohexane <sup>1</sup> 25.8233         1.77319E-08         19.2397         532.244         6.18580         396.932         1.753.21         1.77319E-08           3.Methylpentane         14.4771         2.56387E-08         10.7858         299.352         3.46586         223.247         76.1037         2.56387E-08           Methylcyclopentane         1.34448         2.99007E-07         1.00355         26.6877         0.324034         19.9008         6.78451         2.99007E-07           Cyclohexane         7.00077         4.70123E-08         5.21440         146.325         1.26738         93.819         31.9377         4.13493E-09           2.4Methylhexane         5.40126         4.13493E-09         4.03135         125.625         1.26738         93.819         31.9377         4.13493E-09           2.2.4-Trimethylpentane         0 </td <td>N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane</td> <td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372</td> <td>2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09</td> <td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556</td> <td>ft^3/h</td> <td>15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177</td> <td>310.842 0 21.9977 9926.45 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490</td> <td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756</td> <td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.08360E-09 1.20316E-07 3.54907E-08 1.77518E-09</td> <td><u>ft^3/h</u></td> <td><u>tt^3/h</u></td>	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177	310.842 0 21.9977 9926.45 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.08360E-09 1.20316E-07 3.54907E-08 1.77518E-09	<u>ft^3/h</u>	<u>tt^3/h</u>
3-Methybentane         14.4771         2.56367E-08         10.785         2.93,52         3.46586         2.23,247         7.61087         2.56367E-08           Methybcyclopentane         7.54136         2.02593E-08         5.61557         153.189         1.80755         114.242         38.9469         2.02593E-08           Benzene         1.34448         2.99007E-07         1.00355         26.6877         0.324034         19.9008         6.74511         2.99007E-07           Cyclohexane         5.40126         4.13493E-09         3.81374         119.009         1.19718         88.7478         30.2556         4.87879E-09           3-Methyhpexane         5.10961         4.87879E-09         3.81374         119.009         1.19718         88.7478         30.2556         4.87879E-09           2.2-Joinethyhpentane         0 </td <td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane</td> <td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0</td> <td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0</td> <td>ft^3/h</td> <td>15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0</td> <td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0</td> <td>11814.3 0 917.149 397301 61483.4 24457.6 6185.45 89.9596 1513.69 1399.54 54.6756 0</td> <td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98701E-07 5.38894E-07 5.38894E-07 5.3380E-09 1.20316E-07 3.54907E-08 1.77518E-09 0</td> <td><u>ft^3/h</u></td> <td><u>tt^3/h</u></td>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0	11814.3 0 917.149 397301 61483.4 24457.6 6185.45 89.9596 1513.69 1399.54 54.6756 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98701E-07 5.38894E-07 5.38894E-07 5.3380E-09 1.20316E-07 3.54907E-08 1.77518E-09 0	<u>ft^3/h</u>	<u>tt^3/h</u>
Benzine         1.34848         2.9907E-07         1.0355         26.6877         0.324034         19.908         6.78451         2.9907E-07           Cyclohexane         7.00077         4.70123E-08         5.21440         146.320         1.67043         109.121         37.2011         4.70123E-08           S-Methylhexane         5.01061         4.87879E-09         3.81374         119.009         1.19718         88.7478         30.2556         4.87879E-09           2.4-Trimethylpentane         0 <td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane</td> <td>1244.00 0 88.4699 39828.6 5620.53 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09</td> <td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392</td> <td>ft^3/h</td> <td>15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791</td> <td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344</td> <td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162</td> <td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.97783E-06 1.97783E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09</td> <td><u>ft^3/h</u></td> <td><u>tt^3/h</u></td>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane	1244.00 0 88.4699 39828.6 5620.53 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.97783E-06 1.97783E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09	<u>ft^3/h</u>	<u>tt^3/h</u>
Cyclohexane7.000774.70123E-085.21440146.3201.67043109.12137.20114.70123E-082.Methylhexane5.101614.13493E-093.81374119.091.1971888.747830.25564.87879E-092.2.4-Trimethylpentane000000002.3.Dimethylpentane0000000-Netpata7.867392.74280E-095.87642191.3471.82680142.69748.64772.74280E-09Methylpcohokxane8.107532.92259E-086.04715185.3511.89660138.22247.1232.92259E-08Ouene1.505753.20190E-071.121833.16680.35289424.73198.431523.20190E-072-Methylheptane00000000-Notane2.132493.5901E-101.5966059.04870.47308644.036215.01273.59091E-10Ethylbenzene000000000-Notane0.2524871.0245E-070.1887806.582020.05602544.908081.673311.0245E-072-Vienthylheptane00000000-Nonane0.5800761.89820E-100.4808819.54300.11861014.57424.968581.89820E-10-Nonane0000000000-Notane0.143	N2 Oxygen CO2 Methane Ethane Propane i-Butane a.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08	922.405 0 65.6284 29538.5 4171.21 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 0.88344 6.18580 3.46586	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 13199.54 54.6756 0 119.162 396.932 223.247	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98301E-07 5.38894E-07 5.38894E-07 5.38894E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08	<u>ft^3/h</u>	<u>tt^3/h</u>
2-Methylhexane5.401264.13433E-094.03135125.6251.2673893.8181931.9374.13439E-093-Methylhexane5.109614.87879E-093.81374119.0091.1971888.747830.25564.8789E-092.3-Dimethylpentane0000000007.667392.7420E'095.87642119.3471.82690114.26772.7426E'09Methylcyclohexane8.107532.92259E-086.04715185.3511.89660138.22247.12232.92259E-08Toluene1.505753.20190E-071.1211833.16680.35289424.73198.431523.9091E-10Chene1.505753.20190E-071.5966059.04870.47309644.036215.01273.59091E-10Chene0000000000-Notane0.2526834.09194E-080.1887806.582020.0564044.906281.673311.0245E-07e-Nylene0.2526871.28256-770.1886186.582030.0540444.906281.673311.0245E-07e-Nonane0.5800761.8982DE-100.43608819.54300.11681014.57424.968581.8932E-10e-Nonane0.5800761.8982DE-110.1030076.462080.02579734.819161.632311.8236E-11Undecane000000000e-Decane0.1443211.82367E-11	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane Methylcyclopentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97733E-06 1.98301E-07 5.38894E-07 5.33804E-07 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 2.65367E-08 2.02593E-08	<u>ft^3/h</u>	<u>tt^3/h</u>
3-Methyhexane         5.10961         4.87879E-09         3.81374         119.009         1.19718         88.7478         30.2556         4.87879E-09           2,2,4-Trimethyhpentane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2.2-Dimethylpropane i-Pentane Neohexane Cyclopentane S.3-Dimethylbutane Isohexane 3-Methylpentane Methylcyclopentane Benzene	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355	<u>ft^3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.987301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.38894E-07 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.05593E-08 2.02593E-08 2.99007E-07	<u>ft^3/h</u>	<u>tt^3/h</u>
2,2.4-Trimethylpentane       0 <td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane</td> <td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077</td> <td>2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08</td> <td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440</td> <td>ft^3/h</td> <td>15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320</td> <td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043</td> <td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121</td> <td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98301E-07 5.03804E-07 5.03804E-07 5.03804E-07 1.20316E-07 1.20316E-07 1.20316E-07 0 0 0.49675E-09 1.77319E-08 2.05293E-08 2.09907E-07 4.70123E-08</td> <td><u>ft^3/h</u></td> <td><u>tt^3/h</u></td>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98301E-07 5.03804E-07 5.03804E-07 5.03804E-07 1.20316E-07 1.20316E-07 1.20316E-07 0 0 0.49675E-09 1.77319E-08 2.05293E-08 2.09907E-07 4.70123E-08	<u>ft^3/h</u>	<u>tt^3/h</u>
2,3-Dimethylpentane         0         0         0         0         0         0         0         0         0           n-Heptane         7,86739         2,74280E-09         5,87642         191.347         1,82690         142,697         448,647         2,74280E-09           Methylcychokarae         8,10753         2,2259E-08         6,04715         185.551         1,89660         138.222         47.1223         2,92259E-08           Toluene         1,50575         3,20190E-07         1,12218         33.1668         0,352894         24.7319         8.43152         3,20190E-07           2-Methylheptane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane a.2-Dimethylpropane i-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane Methylcyclopentane Benzene Cyclohexane 2-Methylhexane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.99007E-07 4.70122E-08 4.13493E-09	922.405 0 65.6284 29538.5 4171.21 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98701E-07 5.38894E-07 5.33860E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 2.65367E-08 2.02593E-08 2.02593E-08 2.9907E-07 4.70123E-08 4.13493E-09	<u>ft^3/h</u>	<u>tt^3/h</u>
Methylcyclohexane8.107532.92259E-086.04715185.3511.89660138.22247.12232.92259E-08Toluene1.505753.20190E-071.1221833.16680.35289424.73198.431523.20190E-072-Methylheptane0000000000n-Octane2.132493.59091E-101.5966059.04870.47309644.036215.01273.59091E-10Ethylbenzene000000000o-Xylene0.2526834.09194E-080.1887806.582020.05602544.908081.673244.09194E-08o-Xylene00000000002.2-Dimethylheptane00.2524871.02455E-070.1886186.582300.05544044.908281.673311.02455E-07o-Nonane0.5800761.89820E-100.43608819.54300.11681014.57424.968581.89820E-10o-Nonane0000000000o-Notane0.1443211.82367E-110.1093076.452080.02579734.819161.642931.82367E-11Undecane00000000000Water119.3650.10336097.3802022.13952900.49988.8250.103360TEG00000	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.0593E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 13.9377 30.2556	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98301E-07 5.38894E-07 5.38894E-07 5.33802E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 2.56367E-08 2.65367E-08 2.92053E-08 2.92057E-07 4.70123E-08 4.134493E-09 4.87879E-09	<u>ft^3/h</u>	<u>tt^3/h</u>
Toluene1.505753.20190E-071.1221833.16680.35289424.73198.431523.20190E-072-Methylheptane0000000000n-Octane2.132493.59091E-101.5966059.04870.47309644.036215.01273.59091E-10Ethylbenzene0000000000m-Xylene0.2526834.09194E-080.1887806.582020.05602544.908081.673244.09194E-08o-Xylene0.2524871.024551-070.1886186.582020.05544044.908281.673311.02455E-072.2-Dimethylheptane000000000n-Nonane0.5800761.89820E-100.43608819.54300.11681014.57424.968581.89820E-102Dimethylhoptane0000000000n-Decane0.1443211.82367E-110.1993076.462080.0259734.819161.642931.82367E-11Undecane00000000000Water119.3650.10336097.3802022.13952900.49988.8250.103360TEG0000000000COS0000000000	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 2.4-Trimethylpentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 296.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.33894E-07 5.33894E-07 5.33804E-07 5.33804E-09 1.20316E-07 1.20316E-07 0 9.49675E-09 1.77319E-08 2.26367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
2-Methylheptane         0         0         0         0         0         0         0         0         0           n-Octane         2.13249         3.59091E-10         1.59660         59.0487         0.473096         44.0362         15.0127         3.59091E-10           Ethylbenzene         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane a.2-Dimethylpropane i-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane Methylcyclopentane Benzene Cyclohexane 2.2-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 2.74280E-09	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 0.346586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 1.82690	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98701E-07 5.38894E-07 5.33804E-07 5.33804E-07 1.20316E-07 1.20316E-07 0 9.49675E-09 0 9.49675E-09 2.02593E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.9007E-07 4.13493E-09 0 0 2.74280E-09	<u>ft^3/h</u>	<u>tt^3/h</u>
n-Octane         2.13249         3.59091E-10         1.59660         59.0487         0.473096         44.0362         15.0127         3.59091E-10           Ethylbenzene         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2.2-Dimethylpropane i-Pentane Neohexane Cyclopentane Sohexane 3-Methylpentane Benzene Cyclohexane 3-Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylhexane 3-Methylhexane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 1.3-Dimethylpentane 2.3-Dimethylpentane 1.4-Frimethylpentane 2.3-Dimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane 1.4-Frimethylpentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 0 191.347 185.351	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82690 1.82690 1.82690	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33804E-07 3.24307E-08 1.20316E-07 3.54907E-08 1.77518E-09 0.949675E-09 1.77319E-08 2.02593E-08 4.13493E-09 0 0.274280E-09 2.92259E-08	<u>ft^3/h</u>	<u>tt^3/h</u>
Ethylbenzene000000000m-Xylene0.2526834.09194E-080.1887806.582020.05602544.908081.673244.09194E-08o-Xylene0.2524871.02455E-070.1886186.582020.05544044.908081.673244.09194E-082,2-Dimethylheptane000000000n-Nonane0.5800761.89820E-100.43608819.54300.11681014.57424.968581.89820E-102-Methylnonane0000000000n-Decane0.1443211.82367E-110.193076.462080.02579734.819161.62331.82367E-11Undecane00000000000Water119.3650.10336097.3802022.13952900.49988.8250.103360TEG0000000000CO000000000CO000000000CO000000000CO0000000000Water19.3651.32947E-085.43744171.8121.70291128.12343.67911.32947	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Jimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane 1.3-Dimethylpentane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 0 7.866739 8.10753 1.50575	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 0 2.74280E-09 2.92259E-08 3.20190E-07	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218	ft^3/h	15842.2 0 1229.89 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 0 191.347 185.351 33.1668	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0 1.82690 0 0.852894	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 0 48.6477 47.1223 8.43152	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.88301E-07 5.38894E-07 5.38894E-07 5.33804E-07 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0.274280E-09 0.274280E-09 3.20190E-07	<u>ft^3/h</u>	<u>tt^3/h</u>
m-Xylene         0.252683         4.09194E-08         0.188780         6.58202         0.0560254         4.99808         1.67324         4.09194E-08           o-Xylene         0.252487         1.02455E-07         0.188618         6.58203         0.0554404         4.90828         1.67331         1.02455E-07           2,2-Dimethylheptane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 3.Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylpentane Benzene Cyclohexane 2.3-Dimethylpentane 2,3-Trimethylpentane 2,3-Trimethylpentane 2,3-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane Cyclohexane Toluene Determe Methylcyclohexane Toluene	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0	922.405 0 65.6284 29538.5 4171.21 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 0 0 1.88344 0 0 1.88344 0 0 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 1.82690 1.89660 0.352894 0	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 407.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.38894E-07 5.38894E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.26367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0	<u>ft^3/h</u>	<u>tt^3/h</u>
o-Xylene         0.252487         1.02455E-07         0.188618         6.58230         0.0554404         4.90828         1.6731         1.02455E-07           2.2-Dimethylheptane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane aButane 2.2-Dimethylpropane i-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane 2.4-Trimethylpentane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylhexane 3-Methylpentane n-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77519E-08 2.56367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 10.7858 5.621440 0 0 5.87642 6.04715 1.12218 0 0 1.59660	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 0.346586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 1.82690 1.89660 0.352894 0 0.473096	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 0 44.0362	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 37.2011 37.2011 37.2011 37.2011 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98301E-07 5.38894E-07 5.33804E-07 5.33804E-07 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 0.20593E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.92259E-08 3.20100E-07 0 3.59091E-10	<u>ft^3/h</u>	<u>tt^3/h</u>
n-Nonane         0.580076         1.89820E-10         0.436088         19.5430         0.116810         14.5742         4.96858         1.89820E-10           2-Methylnonane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 3.Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylpentane Benzene Cyclohexane 2.3-Dimethylpentane 2,3-Trimethylpentane 2,3-Trimethylpentane 2,3-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane Cyclohexane Toluene Determe Methylcyclohexane Toluene	1244.00 0 88.4699 39828.6 5620.53 2065.93 1476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 1.19718 1.19718 0 0 0 0.82894 0 0.473096 0 0	11814.3 0 917.149 337301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 93.06819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 0 48.6477 47.1223 8.43152 0 15.0127 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.987301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33804E-07 1.20316E-07 3.54907E-08 1.77518E-09 0.949675E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.02593E-08 4.13493E-09 0.0 0.0 2.74280E-09 0.0 0.0 2.54205E-09 3.20190E-07 0.0 3.59091E-10 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
2-Methylnonane         0         0         0         0         0         0         0         0         0           n-Decane         0.144321         1.82367E-11         0.109307         6.46208         0.0257973         4.81916         1.64293         1.82367E-11           Undecane         0 <t< td=""><td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 3.3-Dimethylbutane Isohexane 3.4ethylpentane Benzene Cyclohexane 2.4ethylpentane Benzene Cyclohexane 2.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 2.2.4-Trimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylheptane n-Heptane Methylcyclohexane Toluene 2.4ethylheptane n-Octane Ethylbenzene</td><td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.09007E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08</td><td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780</td><td>ft^3/h</td><td>15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202</td><td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82690 0.352894 0 0.473096 0 0.0560254</td><td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 298.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 9.877 138.222 24.7319 0 44.0362 0 4.90808</td><td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1225 8.43152 0 0 15.0127 0 1.67324</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.038084E-07 5.03806E-09 1.20316E-07 3.54907E-08 1.77318E-09 0 9.49675E-09 1.77319E-08 2.9503F-08 2.9503F-08 2.9503F-08 2.9503F-08 2.9503F-09 4.70123E-08 4.13493E-09 4.87879E-09 0.0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08</td><td><u>ft^3/h</u></td><td><u>tt^3/h</u></td></t<>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 3.3-Dimethylbutane Isohexane 3.4ethylpentane Benzene Cyclohexane 2.4ethylpentane Benzene Cyclohexane 2.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 2.2.4-Trimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 2.3.2 Dimethylpentane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylhexane 3.4ethylheptane n-Heptane Methylcyclohexane Toluene 2.4ethylheptane n-Octane Ethylbenzene	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.09007E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82690 0.352894 0 0.473096 0 0.0560254	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 298.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 9.877 138.222 24.7319 0 44.0362 0 4.90808	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1225 8.43152 0 0 15.0127 0 1.67324	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.038084E-07 5.03806E-09 1.20316E-07 3.54907E-08 1.77318E-09 0 9.49675E-09 1.77319E-08 2.9503F-08 2.9503F-08 2.9503F-08 2.9503F-08 2.9503F-09 4.70123E-08 4.13493E-09 4.87879E-09 0.0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08	<u>ft^3/h</u>	<u>tt^3/h</u>
n-Decane         0.144321         1.82367E-11         0.109307         6.46208         0.0257973         4.81916         1.64293         1.82367E-11           Undecane         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2.2-Dimethylpropane i-Pentane Neohexane Cyclopentane Neohexane 3-Methylpentane 8chethylpentane 8chethylpentane 3-Methylhexane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane n-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0Xylene 2.2-Dimethylpeptane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 0.213249 0 0.252683 0.252487 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70122E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 0 0 5.87642 6.04715 1.12218 0 0 0.188780 0.188780 0.188618 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0 1.88660 0.352894 0 0.473096 0 0.0550254 0.0554404 0 0	11814.3 0 917.149 337301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 0 0 48.6477 47.1223 8.43152 0 0 1.67324 1.67334 1.67334 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.987301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33804E-07 3.54907E-08 1.20316E-07 3.54907E-08 1.77518E-09 9.49675E-09 1.77319E-08 2.02593E-08 2.02593E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
Undecane         0         0         0         0         0         0         0         0         0         0           Water         119.365         0.103360         97.3802         0         22.1395         2900.49         988.825         0.103360           TEG         0         0         0         0         0         0         0         0           Argon         0         0         0         0         0         0         0         0         0           CO         0 <td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylpentane 8-3-Methylhexane 3-Methylhexane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 1-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0-Xylene 2.2-Dimethylheptane n-Nonane</td> <td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 5.10961 0 0 7.846739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076</td> <td>2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10</td> <td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188768 0 0.436088 0 0.436088</td> <td>ft^3/h</td> <td>15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0 19.5430</td> <td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82690 0.352894 0 0.352894 0 0.0560254 0 0 0.0554004 0 0 0.116810</td> <td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 0 0 14.5742</td> <td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67324 1.67324</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.88301E-07 5.38894E-07 5.38894E-07 5.33804E-07 5.33804E-07 3.54907E-08 1.77518E-09 0 0.49675E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 0 0 2.74280E-09 0 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10</td> <td><u>ft^3/h</u></td> <td><u>tt^3/h</u></td>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane 2-Methylhexane 3-Methylpentane 8-3-Methylhexane 3-Methylhexane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 1-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0-Xylene 2.2-Dimethylheptane n-Nonane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 5.10961 0 0 7.846739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076	2.29454E-07 0 7.61442E-07 1.65538E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188768 0 0.436088 0 0.436088	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0 19.5430	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82690 0.352894 0 0.352894 0 0.0560254 0 0 0.0554004 0 0 0.116810	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 0 0 14.5742	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67324 1.67324	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.88301E-07 5.38894E-07 5.38894E-07 5.33804E-07 5.33804E-07 3.54907E-08 1.77518E-09 0 0.49675E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 0 2.74280E-09 0 0 2.74280E-09 0 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10	<u>ft^3/h</u>	<u>tt^3/h</u>
Water         119.365         0.103360         97.3802         0         22.1395         290.49         988.825         0.103360           TEG         0 <t< td=""><td>N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclopexane 2-Methylhexane 3-Methylpentane 8-Nethylhexane 2-Methylhexane 2.4-Trimethylpentane 2.2.4-Trimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2-Methylheptane n-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene o-Xylene o-Xylene o-Xylene 0-Dimethylheptane n-Nonane</td><td>1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076 0</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0</td><td>922.405 0 65.6284 29538.5 4171.21 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.0355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188618 0 0.436088 0</td><td>ft^3/h</td><td>15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 19.5430 0 0</td><td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 1.82690 0.352894 0 0.473096 0 0.473096 0 0.0560254 0.0554404 0 0.0116810 0 0</td><td>11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 223.247 114.242 19.9008 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 0 0 14.5742 0</td><td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.96858 0</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.03804E-07 5.03804E-07 5.03360E-09 1.20316E-07 0 9.49675E-09 1.77318E-08 2.56367E-08 2.9507E-08 2.9507E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-11 0 0 0.02142E-08 1.02455E-07 0 1.89820E-10 0</td><td><u>ft^3/h</u></td><td><u>tt^3/h</u></td></t<>	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclopexane 2-Methylhexane 3-Methylpentane 8-Nethylhexane 2-Methylhexane 2.4-Trimethylpentane 2.2.4-Trimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2-Methylheptane n-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene o-Xylene o-Xylene o-Xylene 0-Dimethylheptane n-Nonane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0	922.405 0 65.6284 29538.5 4171.21 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.0355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188618 0 0.436088 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 19.5430 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 1.82690 0.352894 0 0.473096 0 0.473096 0 0.0560254 0.0554404 0 0.0116810 0 0	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 223.247 114.242 19.9008 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 0 0 14.5742 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.96858 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.03804E-07 5.03804E-07 5.03360E-09 1.20316E-07 0 9.49675E-09 1.77318E-08 2.56367E-08 2.9507E-08 2.9507E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-11 0 0 0.02142E-08 1.02455E-07 0 1.89820E-10 0	<u>ft^3/h</u>	<u>tt^3/h</u>
TEG         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclokexane 2-Methylhexane 3-Methylpentane 2,3-Dimethylpentane 2,2,4-Trimethylpentane 2,3-Dimethylpentane n-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0,Xylene 2,2-Dimethylheptane n-Nonane 2-Methylhonane n-Decane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076 0 0.44321	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.89820E-11	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61557 10.7858 5.61440 0 0.88760 0 0.188780 0 0.436088 0 0 0.109307	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0 19.5430 0 0 19.5430 0 0 0 6.46208	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 0 0.88344 0 0.88586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 1.82690 1.82690 1.82690 0.82894 0 0.473096 0 0.0550254 0 0.016810 0 0.0257973	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90808 0 0 14.5742 0 0 4.81916	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 37.2011 37.2011 37.2011 37.2011 37.2013 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 15.0127 0 15.0127 0 1.67324 1.67331 0 4.96858 0 0 1.64293	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.98701E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.38894E-07 3.54907E-08 1.20316E-07 0 9.49675E-09 0.34907E-08 2.256367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.99194E-08 1.02455E-07 0 1.89820E-10 0 1.82367E-11	<u>ft^3/h</u>	<u>tt^3/h</u>
Argon         0 <td>N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane n-Butane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbotane Isohexane 3-Methylpentane Benzene Cyclohexane 2,4-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,2-Jimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 1-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0-Xylene 2,2-Dimethylheptane n-Nonane 2-Methylinonane n-Decane</td> <td>1244.00 0 88.4699 39828.6 5620.53 2065.93 1476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076 0 0.144321 0 0 0 0.144321 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.89820E-11 0</td> <td>922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188618 0 0.436088 0 0.436088 0 0.109307 0</td> <td>ft^3/h</td> <td>15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0 9.9.5430 0 0 9.9.5430 0 0 9.5430 0 0 9.5430 0 0 9.5430 0 0 0 9.5430 0 0 0 9.5430 0 0 0 0 9.5430 0 0 0 0 0 0 0 9.5430 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 1.19718 1.19718 0 0 0.82894 0 0.352894 0 0.0560254 0 0.0554004 0 0.0116810 0 0 0.0257973 0 0</td> <td>11814.3 0 917.149 337301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 4.90828 0 14.5742 0 4.81916 0</td> <td>4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.96858 0 1.64293 0 0</td> <td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.987301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33801E-07 3.54907E-08 1.77518E-09 0 0.49675E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.39007E-07 4.70123E-08 4.13493E-09 0 0 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.09194E-08 1.09194E-08 1.09194E-08 1.09194E-08 1.09194E-00 0 1.89820E-10 0 1.82367E-11 0</td> <td><u>ft^3/h</u></td> <td><u>tt^3/h</u></td>	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane n-Butane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbotane Isohexane 3-Methylpentane Benzene Cyclohexane 2,4-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,2-Jimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 1-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0-Xylene 2,2-Dimethylheptane n-Nonane 2-Methylinonane n-Decane	1244.00 0 88.4699 39828.6 5620.53 2065.93 1476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.580076 0 0.144321 0 0 0 0.144321 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 4.87879E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.89820E-11 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188618 0 0.436088 0 0.436088 0 0.109307 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0 9.9.5430 0 0 9.9.5430 0 0 9.5430 0 0 9.5430 0 0 9.5430 0 0 0 9.5430 0 0 0 9.5430 0 0 0 0 9.5430 0 0 0 0 0 0 0 9.5430 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 1.19718 1.19718 0 0 0.82894 0 0.352894 0 0.0560254 0 0.0554004 0 0.0116810 0 0 0.0257973 0 0	11814.3 0 917.149 337301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 4.90828 0 14.5742 0 4.81916 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.96858 0 1.64293 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.987301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33801E-07 3.54907E-08 1.77518E-09 0 0.49675E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.39007E-07 4.70123E-08 4.13493E-09 0 0 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.09194E-08 1.09194E-08 1.09194E-08 1.09194E-08 1.09194E-00 0 1.89820E-10 0 1.82367E-11 0	<u>ft^3/h</u>	<u>tt^3/h</u>
CO         0	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane 2.3-Dimethylpotane Isohexane 3-Methylpentane Benzene Cyclopexane 3-Methylpentane Benzene Cyclohexane 2.4-Trimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 2.4-Rethylhexane 2.4-Trimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 1.5-Di	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.252683 0.252487 0 0.580076 0 0.44321 0 0 0.580076 0 0.119.365	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 4.87879E-09 2.74280E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.82367E-11 0 0 0.103360	922.405 0 65.6284 29538.5 4171.21 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188780 0.188780 0.188780 0.188618 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0 0.436088 0 0 0.436088 0 0 0.436088 0 0 0 0 0 0 0 0 0 0 0 0 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 0 59.0487 0 6.58202 6.58230 0 0 19.5430 0 0 19.5430 0 0 6.46208 0 0 0 0 0 0 0 0 0 0 0 19.5430 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.826894 0 0.352894 0 0.352894 0 0.0560254 0.0554404 0 0.0116810 0 0.0257973 0 22.1395	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 299.54 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 4.90808 4.90828 4.90828 0 0 14.5742 0 0 4.81916 0 0 2900.49	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 0 1.67324 1.67331 0 4.96858 0 0 988.825	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.03804E-07 5.03804E-07 5.03806E-09 1.20316E-07 3.54907E-08 1.77318E-09 0 9.49675E-09 1.77319E-08 2.05538E-08 2.05538E-08 2.05538E-08 2.05538E-08 2.05538E-08 2.05538E-08 2.9207E-07 0 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 0.103360	<u>ft^3/h</u>	<u>tt^3/h</u>
C08s Others_x1         6.89460         2.82507E-08         5.15672         184.012         1.54981         137.216         46.7793         2.82507E-08           C09s Others_x1         1.90319         1.49341E-08         1.42745         58.8112         0.396413         43.8540         14.9506         1.49341E-08	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclopexane 2-Methylpexane 3-Methylpentane 8-nzene Cyclokexane 2-Methylhexane 3-Methylpentane 2,2,4-Trimethylpentane 2,2,4-Trimethylpentane 2,2,4-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 1-Heptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0-Xylene 2,2-Dimethylheptane n-Nonane 2-Methylhonane n-Decane Undecane Water TEG	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0 0.252487 0 0 0.252487 0 0 0.252487 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.82367E-11 0 0.103360 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.0355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188618 0 0.436088 0 0.436088 0 0.436088 0 0 0.109307 0 97.3802 0 0 0 0 0 0 0 0 0 0 0 0 0	ft^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 0 59.0487 0 0 0 0 0 0 0 0 0 0 0 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 0 0.884490 0.884490 0.884490 0.884490 0.884490 0.840586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82690 1.89660 0.352894 0 0.473096 0 0.0550254 0 0 0.0560254 0 0 0.0257973 0 0 22.1395 0	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.80808 4.90828 0 0 14.5742 0 0 4.81916 0 0 2900.49 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 15.0127 0 0.67324 1.67331 0 4.96858 0 1.64293 0 0 988.825 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.33804E-07 5.33804E-07 5.33804E-07 5.33804E-07 1.20316E-07 0 9.49675E-09 1.77319E-08 2.56367E-08 2.9207E-07 4.70123E-08 4.13493E-09 4.70123E-08 4.13493E-09 4.70123E-08 4.13493E-09 0 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 0.103360 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
C09s Others_x1         1.90319         1.49341E-08         1.42745         58.8112         0.396413         43.8540         14.9506         1.49341E-08	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane n-Butane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbotane Isohexane 3-Methylpentane Benzene Cyclohexane 2,4-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,2-Jimethylpentane 2,2-Jimethylpentane n-Heptane Methylcyclohexane Toluene 2-Methylhexane 2,4-Reptane Methylcyclohexane Toluene 2-Methylheptane n-Octane Ethylbenzene m-Xylene 0-Xylene 2,2-Dimethylheptane n-Nonane 2-Methylinonane n-Decane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 0 2.13249 0 0.252683 0.252685 0.25665	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.89820E-11 0 0.103360 0 0	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 0 0 5.87642 6.04715 1.12218 0 0 5.87642 6.04715 1.12218 0 0 0.188780 0 0.188780 0 0.436088 0 0 0.436088 0 0 0 0 97.3802 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>ft^3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 0 191.347 185.351 33.1668 0 0 19.1347 185.351 33.1668 0 0 19.5430 0 6.58202 6.58230 0 0 9.9.487 0 0 6.58202 6.58230 0 0 9.9.5430 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.824034 1.67043 1.26738 0.324034 0.6560254 0.473096 0.00554004 0.00554004 0.00554004 0.0000000000	11814.3 0 917.149 337301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90828 4.90828 0 14.5742 0 4.81916 0 2900.49 0 0 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.968588 0 0 988.825 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.987301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33804E-07 3.54907E-08 1.20316E-07 3.54907E-08 1.77518E-09 9.49675E-09 1.77319E-08 2.02593E-08 2.02593E-08 4.13493E-09 0 0 2.920259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.82367E-11 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane 2.3-Dimethylpotane Isohexane 3-Methylpentane Benzene Cyclopexane 3-Methylpentane Benzene Cyclohexane 2.4-Trimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 3-Methylhexane 3-Methylhexane 2.4-Trimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 2.4-Trimethylpentane 0-Xylene 2.4-Trimethylpentane n-Octane Ethylbenzene m-Xylene 0-Xylene 2.2-Dimethylheptane n-Nonane 2-Methylnonane n-Decane Undecane Water TEG Argon CO	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252683 0.252487 0 0.252683 0.252487 0 0.580076 0 0.580076 0 0.580076 0 0.7.84032 0 0.580076 0 0.7.84432 0 0 0.580076 0 0 0.7.84432 0 0 0 0.580076 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.03593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.82862E-10 0 1.82367E-11 0 0.103360 0 0 0 1.32947E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0.188780 0.188780 0.188618 0 0.436088 0 0.436088 0 0 5.43744	<u>ft</u> ^3/h	15842.2 0 1229.89 532749 82442.9 32795.1 3343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 1872.64 73.3177 0 159.791 182.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 59.0487 0 6.58202 6.58230 0 0 19.5430 0 6.46208 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 19.5430 0 0 0 19.5430 0 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 19.5430 0 0 0 0 19.5430 0 0 0 19.5430 0 0 0 0 0 0 0 19.5430 0 0 0 0 0 0 0 0 0 0 0 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 0 0 0.82699 0.352894 0 0.352894 0 0.0560254 0 0.05504404 0 0.0116810 0 0.0257973 0 0 0.22.1395 0 0 0 0 1.70291	11814.3 0 917.149 397301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 24.7319 0 44.0362 0 0 4.90808 4.90828 0 0 14.5742 0 4.81916 0 0 0 0 14.5742 0 0 0 14.5742 0 0 0 14.5742 0 0 14.5742 0 0 14.5742 0 0 14.5742 0 0 14.5742 0 0 14.5742 0 0 14.5742 0 0 0 14.5742 0 0 0 14.5742 0 0 14.5742 0 0 0 0 0 0 0 0 0 0 0 0 0	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.96858 0 1.64293 0 988.825 0 0 0 43.6791	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.038894E-07 5.03860E-09 1.20316E-07 5.03860E-09 1.20316E-07 0 9.49675E-09 1.77319E-08 2.56367E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.70123E-08 4.13493E-09 0 0 2.74280E-09 2.92259E-08 3.20190E-07 0 3.59091E-11 0 1.82867E-11 0 0.103360 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
	N2 Oxygen CO2 Methane Ethane Propane i-Butane n-Butane 2,2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2,3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclopexane 2-Methylhexane 3-Methylpentane 3-Methylpentane 2,2,4-Trimethylpentane 2,2,4-Trimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 1,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 2,3-Dimethylpentane 1,3-Dimethylpentane 1,3-Dimethylpentane 1,3-Dimethylpentane 1,3-Dimethylpentane 1,3-Dimethylpentane 1,2-Dimethylheptane 1,2-Dimethylheptane 1,2-Dimethylheptane 1,2-Dimethylheptane 1,2-Methylnonane	1244.00 0 88.4699 39828.6 5620.53 2065.93 195.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 1.34848 7.00077 5.40126 5.10961 0 0 7.86739 8.10753 1.50575 0 2.13249 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252487 0 0.252484 0 0.252484 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.89820E-11 0 0.103360 0 0 0 1.32947E-08 2.82507E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.0355 5.21440 4.03135 3.81374 0 0 5.87642 6.04715 1.12218 0 1.59660 0 0 0.188780 0.188618 0 0.188618 0 0.188688 0 0.436088 0 0.109307 0 97.3802 0 0 0 5.43444 5.15672	<u>ft^3/h</u>	15842.2           0           1229.89           532749           82442.9           32795.1           3343.82           8294.01           120.627           2029.69           1876.64           73.3177           0           153.2244           299.352           153.189           26.6877           146.320           125.625           119.009           0           0           191.347           185.351           33.1668           0           59.0487           0           6.58202           6.58203           0           0           19.5430           0           0           0           0           0           0           0           0           0           0           0           153.1668           0           19.5430           0           0 <t< td=""><td>310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 0 0.884490 0.884490 0.884490 0.884490 0.884490 0.824034 1.67043 1.26738 1.19718 0 0 0.352894 0 0.473096 0 0.473096 0 0.473096 0 0.473096 0 0.0554404 0 0.0554404 0 0.116810 0 0.0257973 0 22.1395 0 0 0 0.0227973 0 0 22.1395 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>11814.3           0           917.149           397301           61483.4           24457.6           2493.74           6185.45           89.9596           1513.69           1399.54           54.6756           0           111.162           223.247           114.242           19.9008           109.121           93.6819           88.7478           0           142.697           138.222           24.7319           0           44.0362           0           4.90808           4.90808           4.90808           0           14.5742           0           14.5742           0           14.81916           0           0           14.81916           0           0           128.123           137.216</td><td>4027.70 0 312.6711 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 0 0 1.67324 1.67331 0 0 0 0 1.64293 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.97783E-06 1.97783E-06 1.38301E-07 5.38894E-07 5.38894E-07 5.33804E-07 1.20316E-07 3.54907E-08 1.77518E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.02593E-08 3.20190E-07 4.77428E-09 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.82367E-11 0 0.103360 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td><u>ft^3/h</u></td><td><u>tt^3/h</u></td></t<>	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 0 0.884490 0.884490 0.884490 0.884490 0.884490 0.824034 1.67043 1.26738 1.19718 0 0 0.352894 0 0.473096 0 0.473096 0 0.473096 0 0.473096 0 0.0554404 0 0.0554404 0 0.116810 0 0.0257973 0 22.1395 0 0 0 0.0227973 0 0 22.1395 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11814.3           0           917.149           397301           61483.4           24457.6           2493.74           6185.45           89.9596           1513.69           1399.54           54.6756           0           111.162           223.247           114.242           19.9008           109.121           93.6819           88.7478           0           142.697           138.222           24.7319           0           44.0362           0           4.90808           4.90808           4.90808           0           14.5742           0           14.5742           0           14.81916           0           0           14.81916           0           0           128.123           137.216	4027.70 0 312.6711 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 48.6477 47.1223 8.43152 0 15.0127 0 0 0 1.67324 1.67331 0 0 0 0 1.64293 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.97783E-06 1.97783E-06 1.38301E-07 5.38894E-07 5.38894E-07 5.33804E-07 1.20316E-07 3.54907E-08 1.77518E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.02593E-08 3.20190E-07 4.77428E-09 0 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.82367E-11 0 0.103360 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>ft^3/h</u>	<u>tt^3/h</u>
	N2 Oxygen CO2 Methane Ethane Propane i-Butane 2.2-Dimethylpropane i-Pentane n-Pentane Neohexane Cyclopentane 2.3-Dimethylbutane Isohexane 3-Methylpentane Benzene Cyclohexane 2.4-thylinexane 3-Methylhexane 2.2.4-Trimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 2.3-Dimethylpentane 3-Methylineptane n-Heptane Methylcyclohexane Toluene 2.4-thylineptane n-Octane Ethylbenzene m-Xylene 2.2-Dimethylheptane n-Nonane 2.4-thylinonane n-Decane Undecane Water TEG Argon CO C07s Others_x1 C08s Others_x1	1244.00 0 88.4699 39828.6 5620.53 2065.93 145.391 476.756 6.63316 104.607 97.2685 3.67372 0 7.84618 25.8233 14.4771 7.54136 5.10961 0 0 7.846739 8.10753 1.50575 0 0.252683 0.252487 0 0.252683 0.252487 0 0.580076 0 0.580076 0 0.580076 0 0.580076 0 0.580076 0 0.580076 0 0.580076 0 0.728483 0 0 0 7.28483 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.03360E-09 1.20316E-07 3.54907E-08 1.77518E-09 0 9.49675E-09 1.77319E-08 2.56367E-08 2.02593E-08 2.99007E-07 4.70123E-08 4.13493E-09 4.87879E-09 4.87879E-09 2.92259E-08 3.20190E-07 0 3.59091E-10 0 4.09194E-08 1.02455E-07 0 1.89820E-10 0 1.89820E-10 0 1.89820E-11 0 0.103360 0 0 1.32947E-08 2.82507E-08 1.49341E-08	922.405 0 65.6284 29538.5 4171.21 1534.41 145.245 354.439 4.93417 77.8691 72.4048 2.73556 0 5.84392 19.2397 10.7858 5.61557 1.00355 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 5.21440 4.03135 0 0 0 5.87642 6.04715 1.12218 0 0 0.1887680 0 0.436088 0 0.436088 0 0.436088 0 0.436088 0 0.5.83744 5.15672 0 0 0 5.43744 5.15672 1.42745	<u>ft^3/h</u>	15842.2 0 1229.89 532749 82442.9 32795.1 13343.82 8294.01 120.627 2029.69 1876.64 73.3177 0 159.791 532.244 299.352 153.189 26.6877 146.320 125.625 119.009 0 0 191.347 185.351 33.1668 0 59.0487 0 6.58202 6.58230 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 0 0 19.5430 0 0 0 0 0 0 0 19.5430 0 0 0 0 0 19.5430 0 0 0 0 0 0 0 0 19.5430 0 0 0 0 0 0 0 0 0 0 0 0 0	310.842 0 21.9977 9926.45 1392.56 508.781 47.8088 116.489 1.61396 25.2853 23.5110 0.884490 0 1.88344 6.18580 3.46586 1.80755 0.324034 1.67043 1.26738 1.19718 1.19718 1.19718 0 0 0.352894 0 0.352894 0 0.0560254 0 0.05560254 0 0 0.0257973 0 0 22.1395 0 0 0 0 0 1.70291 1.54981 0.364413	11814.3 0 917.149 337301 61483.4 24457.6 2493.74 6185.45 89.9596 1513.69 1399.54 54.6756 0 119.162 396.932 223.247 114.242 19.9008 109.121 93.6819 88.7478 0 0 142.697 138.222 24.7319 0 44.0362 0 4.90808 4.90828 4.90858568 4.90858568 4.9085665666666666666666666666666666666666	4027.70 0 312.671 135447 20960.7 8338.00 850.156 2108.72 30.6687 516.043 477.125 18.6398 0 40.6241 135.321 76.1087 38.9469 6.78451 37.2011 31.9377 30.2556 0 0 0 48.6477 47.1223 8.43152 0 15.0127 0 1.67324 1.67331 0 4.96858 0 1.64293 0 988.825 0 0 0 0 0 0 0 0 1.64293 0 0 0 0 0 0 0 0 0 1.64293 0 0 0 0 0 0 0 0 0 1.67324 1.67324 1.67331 0 0 0 0 1.67324 1.67324 1.67331 0 0 0 0 0 1.67324 1.67324 1.67332 0 0 0 1.67324 1.67324 1.67331 0 0 0 0 0 0 0 0 0 0 0 0 0	2.29454E-07 0 7.61442E-07 1.65536E-05 5.51061E-06 1.97783E-06 1.98301E-07 5.38894E-07 5.38894E-07 5.38894E-07 5.33805-09 1.20316E-07 3.54907E-08 1.77518E-09 0.949675E-09 1.77319E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.02593E-08 2.3207E-07 0 0.409194E-08 1.021425E-07 0 1.82867E-11 0 1.82867E-11 0 0.103360 0 1.32947E-08 2.82507E-08 1.32947E-08 2.82507E-08 1.32947E-08 2.82507E-08 1.429341E-08		<u>tt^3/h</u>



Process Streams		Dry Basis Gas	Dry Gas	Lean TEG	Produced Liq	Water Vapor	1	3	9	25
Properties	Status:	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved
Phase: Total	From Block:		Gas/Glycol HEX - A	Reboiler	Tank	Condenser	BTEX Condenser	Tank	MIX-100	TEG Recycle
	To Block:	Saturator	-	Cross Exchanger		BTEX Condenser	-		Tank	Glycol Contactor
Property	Units									
Temperature	°F	106*	111.109	400.000	31.9400	210.271	112.671		98.8962	101.341
Pressure	psig	210.304*	195.304	0.504051	0.00405122	0.00405122	0.00405122	0.00405122	0.00405122	200.304
Mole Fraction Vapor	%	100	100	0	0	100	100	100	0.00229576	0
Molecular Weight	lb/lbmol	21.0432	21.0376	140.806	18.3056	19.1078	39.8478		18.3056	140.807
Mass Flow	lb/h	57762.7	57779.5	1959.41	230.276	191.869	13.3603	0	230.276	1959.70
Std Vapor Volumetric Flow	MMSCFD	25*	25.0139	0.126739	0.114569	0.0914531	0.00305362	0	0.114569	0.126757
Std Liquid Volumetric Flow	sgpm	330.342	330.348	3.47171	0.463003	0.411135	0.0516417	0	0.463003	3.47222
Specific Gravity		0.726565	0.726373	0.931101	0.997776	0.659742	1.37584			1.11100
API Gravity				-6.71755	10.7755					-6.74582
Net Ideal Gas Heating Value	Btu/ft^3	1121.29	1120.35	3503.76	17.2744	87.0637	1960.44		17.2744	3503.80

Process Streams		Dry Basis Gas	Dry Gas	Lean TEG	Produced Liq	Water Vapor	1	3	9	25
Composition	Status:	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved	Solved
Phase: Total	From Block:		Gas/Glycol HEX - A	Reboiler	Tank	Condenser	BTEX Condenser	Tank	MIX-100	TEG Recycle
	To Block:	Saturator	-	Cross Exchanger		BTEX Condenser			Tank	<b>Glycol Contactor</b>
Mole Fraction		%	%	%	%	%	%	%	%	%
Methane		77.5117*	77.4648	5.03751E-09	0.00260737	1.07255	32.0879		0.00260737	0
Ethane		12.0838*	12.0750	3.22881E-08	0.00206308	0.576193	17.1956		0.00206308	0
Propane		4.83532*	4.83104	8.95472E-08	0.00333996	0.435411	12.9196		0.00333996	0
i-Butane		0.495598*	0.495131	1.84844E-08	0.000859908	0.0525978	1.54339		0.000859908	0
n-Butane		1.24847*	1.24705	1.37242E-07	0.00460544	0.197327	5.73804		0.00460544	0
i-Pentane		0.303142*	0.302675	1.85514E-07	0.00423953	0.0818512	2.29251		0.00423953	0
n-Pentane		0.280207*	0.279732	2.72589E-07	0.00574317	0.0873350	2.40019		0.00574317	0
Hexane		0.0987207*	0.0984616	4.82909E-07	0.00950954	0.0558880	1.31700		0.00950954	0
n-Heptane		0*	0	0	9.89271E-08	0	0		9.89271E-08	0
Benzene		0.00398872*	0.00379085	7.53105E-05	0.0128750	0.0535147	1.12027		0.0128750	7.52535E-05
o-Xylene		0*	0	0	4.27910E-06	0	0		4.27910E-06	0
Ethylbenzene		0.000897461*	0.000783294	0.000215900	0.0187334	0.0310902	0.228261		0.0187334	0.000215748
Toluene		0.00498589*	0.00454441	0.000440012	0.0517253	0.119996	1.65363		0.0517253	0.000439685
Water		0*	0.0681242	7.08749	99.6452	96.5330	9.38727		99.6452	7.08665
TEG		0*	6.94327E-05	92.9109	0.000104287	0.000130647	9.97097E-10		0.000104287	92.9117
N2		2.29551*	2.29420	2.61661E-12	2.74080E-05	0.00792798	0.237336		2.74080E-05	0
CO2		0.179492*	0.179294	6.62269E-09	0.000326882	0.0269530	0.798292		0.000326882	0
2,2-Dimethylpropane		0.0179492*	0.0179299	1.92328E-09	7.43492E-05	0.00256714	0.0741024		7.43492E-05	0
Neohexane		0.303142*	0.302578	4.88516E-07	0.0104883	0.108467	2.85497		0.0104883	0
2,3-Dimethylbutane		0.0239323*	0.0238758	8.48733E-08	0.00144890	0.0118046	0.299190		0.00144890	0
Isohexane		0.0797743*	0.0795921	2.39440E-07	0.00495340	0.0377366	0.944357		0.00495340	0
3-Methylpentane		0.0448731*	0.0447480	2.63903E-07	0.00393321	0.0273985	0.673028		0.00393321	0
Methylcyclopentane		0.0229351*	0.0227589	3.62756E-06	0.00814261	0.0447194	1.03384		0.00814261	3.62430E-06
Cyclohexane		0.0219379*	0.0217747	5.08768E-06	0.00944215	0.0413168	0.883221		0.00944215	5.08327E-06
2-Methylhexane		0.0189464*	0.0188772	2.80348E-07	0.00436349	0.0160424	0.316747		0.00436349	0
3-Methylhexane		0.0179492*	0.0178716	4.37657E-07	0.00537191	0.0184943	0.352345		0.00537191	0
Methylcyclohexane		0.0279210*	0.0276641	1.16727E-05	0.0234796	0.0660229	1.09643		0.0234796	1.16622E-05
n-Octane		0.00897461*	0.00891360	1.14330E-06	0.00860100	0.0153249	0.136266		0.00860100	1.14218E-06
m-Xylene		0.00299154*	0.00260545	0.000810321	0.0647478	0.105145	0.719783		0.0647478	0.000809723
n-Nonane		0.00299154*	0.00295701	1.71176E-06	0.00625232	0.00899002	0.0346614		0.00625232	1.71003E-06
n-Decane		0.000997179*	0.000978839	2.68638E-06	0.00368422	0.00486483	0.00746821		0.00368422	2.68354E-06
C07s Others_x1		0.0259267*	0.0257818	1.42905E-06	0.0111422	0.0356722	0.650323		0.0111422	1.42778E-06
C08s Others_x1		0.0279210*	0.0276267	1.03346E-05	0.0399594	0.0762662	0.784894		0.0399594	1.03255E-05
C09s Others_x1		0.00897461*	0.00879637	2.08301E-05	0.0319894	0.0473902	0.219094		0.0319894	2.08121E-05

Mass Flow	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h	lb/h
Methane	34132.9*	34131.2	1.12459E-08	0.00526184	1.72776	1.72593	0	0.00526184	0
Ethane	9973.76*	9972.02	1.35104E-07	0.00780367	1.73973	1.73359	0	0.00780367	0
Propane	5852.70*	5850.77	5.49483E-07	0.0185268	1.92792	1.91009	0	0.0185268	0
i-Butane	790.691*	790.384	1.49505E-07	0.00628721	0.306976	0.300765	0	0.00628721	0
n-Butane	1991.84*	1990.69	1.11003E-06	0.0336727	1.15165	1.11819	0	0.0336727	0
i-Pentane	600.359*	599.766	1.86256E-06	0.0384779	0.592991	0.554563	0	0.0384779	0
n-Pentane	554.937*	554.304	2.73681E-06	0.0521248	0.632720	0.580610	0	0.0521248	Ő
Hexane	233.521*	233.038	5.79101E-06	0.103088	0.483610	0.380523	0	0.103088	0
n-Heptane	233.521	233.038	5.79101E-06 0	1.24697E-06	0.463610	0.360523	0	1.24697E-06	0
	-	•	-		-	0	0		0
Benzene	8.55235*	8.13260	0.000818614	0.126511	0.419744	0.293394	0	0.126511	0.000818108
o-Xylene	0*	0	0	5.71475E-05	0	0	0	5.71475E-05	0
Ethylbenzene	2.61537*	2.28393	0.00318964	0.250185	0.331435	0.0812499	0	0.250185	0.00318783
Toluene	12.6101*	11.4999	0.00564172	0.599526	1.11020	0.510845	0	0.599526	0.00563831
Water	0*	33.7069	17.7681	225.819	174.627	0.567010	0	225.819	17.7684
TEG	0*	0.286373	1941.62	0.00197009	0.00197009	5.02042E-10	0	0.00197009	1941.91
N2	1765.14*	1765.12	1.02003E-11	9.65844E-05	0.0223009	0.0222915	0	9.65844E-05	0
CO2	216.834*	216.715	4.05590E-08	0.00180968	0.119110	0.117793	0	0.00180968	0
2,2-Dimethylpropane	35.5476*	35.5290	1.93098E-08	0.000674790	0.0185982	0.0179255	0	0.000674790	Ő
Neohexane	717.076*	716.137	5.85826E-06	0.113698	0.938586	0.824889	0	0.113698	0
							0		0
2,3-Dimethylbutane	56.6113*	56.5091	1.01780E-06	0.0157067	0.102148	0.0864451	-	0.0157067	0
Isohexane	188.704*	188.378	2.87135E-06	0.0536970	0.326543	0.272854	0	0.0536970	0
3-Methylpentane	106.146*	105.909	3.16471E-06	0.0426377	0.237085	0.194459	0	0.0426377	0
Methylcyclopentane	52.9833*	52.6054	4.24838E-05	0.0862046	0.377914	0.291719	0	0.0862046	4.24516E-05
Cyclohexane	50.6797*	50.3306	5.95839E-05	0.0999627	0.349159	0.249220	0	0.0999627	5.95406E-05
2-Methylhexane	52.1121*	51.9506	3.90912E-06	0.0550014	0.161414	0.106414	0	0.0550014	0
3-Methylhexane	49.3693*	49.1832	6.10263E-06	0.0677125	0.186084	0.118374	0	0.0677125	0
Methylcyclohexane	75.2517*	74.6008	0.000159488	0.290004	0.650936	0.360946	0	0.290004	0.000159367
n-Octane	28.1401*	27.9643	1.81736E-05	0.123591	0.175779	0.0521881	0	0.123591	1.81583E-05
m-Xylene	8.71788*	7.59698	0.0119714	0.864710	1.12090	0.256208	0	0.864710	0.0119642
n-Nonane	10.5318*	10.4161	3.05509E-05	0.100874	0.115779	0.0149050	0	0.100874	3.05244E-05
	3.89455*	3.82505	5.31892E-05	0.0659414	0.0695041	0.00356267	0	0.0659414	5.31402E-05
			0.01002L-00	0.0033414			0	0.140446	1.99115E-05
n-Decane			4 000045 05	0 4 40 4 40					
C07s Others_x1	71.3113*	70.9524	1.99264E-05	0.140446	0.358922	0.218482	-		
C07s Others_x1 C08s Others_x1	71.3113* 87.5473*	70.9524 86.6725	0.000164276	0.574195	0.874788	0.300606	0	0.574195	0.000164156
C07s Others_x1 C08s Others_x1 C09s Others_x1	71.3113* 87.5473* 31.5955*	70.9524 86.6725 30.9852	0.000164276 0.000371768	0.574195 0.516112	0.874788 0.610319	0.300606 0.0942140	0	0.574195 0.516112	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 <b>Volumetric Flow</b>	71.3113* 87.5473* 31.5955* <b>ft^3/h</b>	70.9524 86.6725 30.9852 ft <b>^3/h</b>	0.000164276 0.000371768 gpm	0.574195 0.516112 gpm	0.874788 0.610319 ft <b>^3/h</b>	0.300606 0.0942140 ft <b>^3/h</b>	0	0.574195 0.516112 ft <b>^3/h</b>	0.000164156
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0	70.9524 86.6725 30.9852 <u>ft^3/h</u> 60753.4	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10	0.574195 0.516112 gpm 2.58108E-05	0.874788 0.610319 ft^3/h 52.9877	0.300606 0.0942140 ft^3/h 45.0527	0	0.574195 0.516112 ft^3/h 0.0535539	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 <b>Volumetric Flow</b>	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04	70.9524 86.6725 30.9852 ft^3/h 60753.4 8802.03	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05	0.874788 0.610319 <b>ft^3/h</b> 52.9877 28.3928	0.300606 0.0942140 ft^3/h 45.0527 23.9348	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0	70.9524 86.6725 30.9852 <u>ft^3/h</u> 60753.4	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10	0.574195 0.516112 gpm 2.58108E-05	0.874788 0.610319 ft^3/h 52.9877	0.300606 0.0942140 ft^3/h 45.0527	0	0.574195 0.516112 ft^3/h 0.0535539	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 <b>Volumetric Flow</b> Methane Ethane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04	70.9524 86.6725 30.9852 ft^3/h 60753.4 8802.03	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05	0.874788 0.610319 <b>ft^3/h</b> 52.9877 28.3928	0.300606 0.0942140 ft^3/h 45.0527 23.9348	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05	0.874788 0.610319 <b>ft^3/h</b> 52.9877 28.3928 21.4128 2.58260	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018	0	0.574195 0.516112 ft^3/h 0.0535539 0.0181947 0.0128250 0.00162230	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane -Butane n-Butane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105	0.874788 0.610319 ft^3/h 52.9877 28.3928 21.4128 2.58260 9.68377	0.300606 0.0942140 <b>ft^3/h</b> 45.0527 23.9348 17.8560 2.12018 7.87240	0	0.574195 0.516112 ft^3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 <b>Volumetric Flow</b> Methane Ethane Propane i-Butane i-Butane i-Pentane	71.3113* 87.5473* 31.5955* ft*3/h 56070.0 8060.04 3016.03 290.479 721.853 160.671	70.9524 86.6725 30.9852 ft^3/h 60753.4 8802.03 3316.72 321.674 800.476 179.998	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000117942	0.874788 0.610319 ft^3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690	0.300606 0.0942140 <b>ft^3/h</b> 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509	0	0.574195 0.516112 <b>ft*3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane i-Pentane n-Pentane n-Pentane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08	0.574195 0.516112 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000117942 0.000159006	0.874788 0.610319 <b>ft^3/h</b> 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250	0.300606 0.0942140 <b>ft^3/h</b> 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00348161	0.000164156 0.000371499
C07s Others_x1 C09s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane i-Pentane n-Pentane h-Rentane Hexane	71.3113* 87.5473* 31.5955* ft*3/h 56070.0 8060.04 3016.03 290.479 721.853 160.671	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05 2.06608E-05 0.000108105 0.000117942 0.000159006 0.000301705	0.874788 0.610319 ft^3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782	0.300606 0.0942140 <b>ft^3/h</b> 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00348161 0.00365653	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane i-Pentane Hexane n-Heptane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0	0.574195 0.516112 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000118105 0.000117942 0.000159006 0.000301705 3.55170E-09	0.874788 0.610319 ft^3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00348161 0.00365653 3.38939E-08	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Pontane n-Putane n-Pentane n-Pentane Hexane n-Heptane Benzene	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953	70.9524 86.6725 30.9852 ft^3/h 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145	0.000164276 0.000371768 <b>gpm</b> 1.36613E-10 9.77532E-10 3.15517E-09 7.4983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06	0.574195 0.516112 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000117942 0.000159006 0.000301705 3.55170E-09 0.000273377	0.874788 0.610319 <b>ft^3/h</b> 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182	0	0.574195 0.516112 <b>it^3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00348161 0.00365653 3.38939E-08 0.00320241	0.000164156 0.000371499
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane h-Pentane Hexane n-Heptane Benzene o-Xylene	71.3113* 87.5473* 31.5955* <b>ft<sup>43</sup>/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000117942 0.00015906 0.000301705 3.55170E-09 0.000273777 1.26215E-07	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0	0.300606 0.0942140 ft*3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.0034161 0.00365653 3.38393F-08 0.00320241 1.07861E-06	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane n-Pentane Hexane n-Pentane Hexane o-Yelene Ethylbenzene	71.3113* 87.5473* 31.5955* <b>ft*3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 0.385252	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323	0.000164276 0.000371768 <b>gpm</b> 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05 2.06608E-05 0.000108105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.000562079	0.874788 0.610319 ft^3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377	0	0.574195 0.516112 <b>ft'3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00365633 3.38939E-08 0.00320241 1.07861E-06 0.0044433	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 2.19715E-06 0 7.94597E-06
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423	70.9524 86.6725 30.9852 ft^3/h 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0 2.22145 0 0 0.388323 2.47969	0.000164276 0.000371768 <b>gpm</b> 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.0867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05	0.574195 0.516112 <b>gpm</b> 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000118105 0.000159006 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00133696	0.874788 0.610319 ft^3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934	0	0.574195 0.516112 <b>ft^3/h</b> 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.00364394 0.0036653 3.389365-08 0.00320241 1.07861E-06 0.00484433 0.0124403	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323 2.47969 52.6554	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.00018105 0.000117942 0.000159006 0.000301705 3.55170E-09 0.00023377 1.26215E-07 0.000562079 0.00133696 0.450070	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63	0.300606 0.0942140 ft*3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247	0	0.574195 0.516112 ft'3/h 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.00365653 3.38395-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane n-Butane n-Pentane Hexane n-Pentane Hexane o-Xylene Ethylbenzene Toluene Water TEG	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323 2.47969 552.6554 0.0370167	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00133696 0.450070 3.29703E-06	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0 0.305377 2.22934 13.1247 1.31326E-09	0	0.574195 0.516112 ft/3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.00365653 3.38939E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323 2.47969 52.6554	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.00018105 0.000117942 0.000159006 0.000301705 3.55170E-09 0.00023377 1.26215E-07 0.000562079 0.00133696 0.450070	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63	0.300606 0.0942140 ft*3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247	0	0.574195 0.516112 ft'3/h 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.00365653 3.38395-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane n-Butane n-Pentane Hexane n-Pentane Hexane o-Xylene Ethylbenzene Toluene Water TEG	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323 2.47969 552.6554 0.0370167	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00133696 0.450070 3.29703E-06	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0 0.305377 2.22934 13.1247 1.31326E-09	0	0.574195 0.516112 ft/3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.00365653 3.38939E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Pentane n-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0 1736.00 125.544	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000118105 0.000159006 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00133696 0.450070 3.29703E-06 2.53504E-07	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640	0	0.574195 0.516112 ft'37h 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.00365653 3.38395-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05 0.000882352	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane	71.3113* 87.5473* 31.5955* <b>ft<sup>43</sup>/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 0.19273E-08 0.0367E-08 0 0.268806E-06 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.00018105 0.00017942 0.00017942 0.0001790 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00133696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284	0	0.574195 0.516112 ft^3yh 0.0535539 0.0181947 0.0128250 0.00162230 0.0036394 0.0036394 0.00365653 3.38395-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05 0.000879661 0.000882352 8.66805E-05	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C08s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane n-Butane h-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane	71.3113* 87.5473* 31.5955* <b>ft<sup>43</sup>/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 0 1736.00 125.544 10.0142 157.069	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.00133696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734	0.874788 0.610319 ft^3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284 3.87185	0	0.574195 0.516112 <b>ft'3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.0036583 3.38939E-08 0.003320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05 0.000879661 0.00082352 8.66805E-05 0.00057144	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C08s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Pentane n-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylbutane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 1873.47 136.400 11.1524 176.381 13.7289	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 0 2.68806E-06 0 0.2.68806E-06 0 0.9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33833E-10 8.81764E-11 2.38403E-08	0.574195 0.516112 9pm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.00018105 0.000117942 0.000159006 0.000301705 3.55170E-09 0.00027377 1.26215E-07 0.000562079 0.0013696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05	0.874788 0.610319 ft^3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 0 2.59745 0 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.01284 3.87185 0.405235	0	0.574195 0.516112 <b>ft'3/h</b> 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.0036394 0.0036653 3.38939E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.85165 2.70066E-05 0.000873661 0.000882352 8.66805E-05 8.66805E-05 0.000873144 0.00537144 0.00537144	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylbutane Isohexane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 8.18519E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33843E-10 8.81764E-11 2.34403E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000117942 0.00015906 0.000301705 3.55170E-09 0.000562079 0.00138696 0.450070 3.29703E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 0.34830 1.11640 0.387185 0.34832 1.27869	0	0.574195 0.516112 <b>ft'37h</b> 0.0181947 0.0181947 0.0128250 0.00162230 0.0036394 0.0036394 0.0036394 0.00365653 3.38393E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.36165 2.70066E-05 0.000879661 0.000887965 0.000887965 0.000887965 0.000887965 0.000887965 0.000837144 0.000647813 0.00215251	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylbutane Isohexane 3-Methylpentane	71.3113* 87.5473* 31.5955* <b>ft<sup>43</sup>/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 8.18519E-09 8.18519E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-08 4.07348E-08 4.07548E-08 4.075558E-08 4.075558E-08 4.07558E-08 4	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.0013869 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.00154181	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4.699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.83439 1.83432	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167	0	0.574195 0.516112 1t/3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.00306394 0.00306394 0.00306394 0.00306563 3.38939E-08 0.00320241 0.00365653 3.38939E-08 0.00320241 0.00484433 0.0124403 3.66165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.000879651 0.000872551 0.00047813 0.00215251 0.00152574	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1           C08s Others_x1           C09s Others_x1           Volumetric Flow           Methane           Ethane           Propane           i-Butane           i-Pentane           n-Pentane           n-Pentane           Hexane           n-Heptane           Benzene           o-Xylene           Ethylbenzene           Toluene           Water           TEG           N2           CO2           2,2-Dimethylpropane           Neohexane           2,3-Dimethylputane           Isohexane           3-Methylpentane           Methylociopentane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.3383E-10 8.81764E-11 2.38403E-08 4.07348E-09 1.15684E-08 1.26011E-08 1.255174E-07	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00133696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000158497 0.000158497 0.000124181 0.000224009	0.874788 0.610319 ft^3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.33832 2.18198	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162	0	0.574195 0.516112 <b>ft'3/h</b> 0.0535539 0.0181947 0.0128250 0.00162230 0.00264079 0.00306394 0.0036394 0.0036563 3.38939E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 0.000882352 8.66805E-05 0.000882552 8.66805E-05 0.000882352 8.66805E-05 0.000882351 0.000882352 8.66805E-05 0.00087144 0.000647813 0.00215251 0.00215261	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpuropane Neohexane 2,3-Dimethylputane Isohexane 3-Methylpentane Methylcyclopentane Cyclohexane 3-Methylcyclopentane Cyclohexane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33833E-10 8.81764E-11 2.34403E-08 4.07348E-09 1.15684E-08 1.26011E-08 1.26011E-08 1.26011E-07 2.10888E-07	0.574195 0.516112 9pm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.000108105 0.000117942 0.000159006 0.000301705 3.55170E-09 0.00023377 1.26215E-07 0.000562079 0.0013896 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000124181 0.000224009 0.0002260569	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.38322 2.18198 2.01678	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692	0	0.574195 0.516112 <b>ft'37h</b> 0.0181947 0.0181947 0.0128250 0.000624079 0.0036394 0.0036394 0.00365653 3.38393E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05 0.000879661 0.0008879651 0.0008879651 0.0008874813 0.00215251 0.00182674 0.00215251 0.00182674 0.00215251 0.00182674 0.00215251 0.00182674	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylbutane Isohexane 3-Methylpentane Methylocyclopentane Cyclohexane 2-Methylhexane	71.3113* 87.5473* 31.5955* <b>ft<sup>43</sup>/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 2.07953 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-08 1.26011E-08 1.26011E-08 1.25174E-07 2.10888E-07 1.46758E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.00018105 0.00017942 0.00017900 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.0013696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000124181 0.0002250569 0.000157095	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 1.32488 0.125720 5.28413 0.574790 1.83439 1.33832 2.18198 2.01678 0.778368	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461	0	0.574195 0.516112 1t/3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.0036563 3.38939E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.365165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000275601 0.0027661 0.0027651 0.0027661 0.0027661 0.0027651 0.0027551 0.0027555 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.0055755 0.0055755 0.0055755 0.0055755 0.0055755 0.0055755 0.00557	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1           C08s Others_x1           C09s Others_x1           Volumetric Flow           Methane           Ethane           Propane           i-Butane           i-Pentane           n-Pentane           hethane           Ethylbenzene           Tolluene           Water           TEG           N2           CO2           2,2-Dimethylpropane           Neohexane           2,3-Dimethylpentane           Shethylpentane           Softekane           2,3-Dimethylpentane           Softekane           2,4-Dimethylpentane           Softekane           3-Methylpentane           Methylickane           3-Methylhexane           3-Methylhexane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42332	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.3383E-10 8.81764E-11 2.38403E-08 4.07348E-09 1.15684E-08 1.26011E-08 1.55174E-07 2.10888E-07 1.46758E-08 2.26926E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.00138096 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000158497 0.000124181 0.000224009 0.000157095 0.00011339	0.874788 0.610319 ft^3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.33832 2.18198 2.01678 0.778368 0.897325	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.473294	0	0.574195 0.516112 <b>ft'3/h</b> 0.0535539 0.0181947 0.0128250 0.000162230 0.000624079 0.00306394 0.0036583 3.38939E-08 0.00330241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05 0.000879661 0.000882352 8.66805E-05 0.000537144 0.000882352 8.66805E-05 0.00537144 0.000842361 0.00215251 0.00152674 0.0024369 0.00158173 0.00189593	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1           C08s Others_x1           C09s Others_x1           Volumetric Flow           Methane           Ethane           Propane           i-Butane           i-Pentane           n-Pentane           hethane           Ethylbenzene           Tolluene           Water           TEG           N2           CO2           2,2-Dimethylpropane           Neohexane           2,3-Dimethylpentane           Shethylpentane           Softekane           2,3-Dimethylpentane           Softekane           2,4-Dimethylpentane           Softekane           3-Methylpentane           Methylickane           3-Methylhexane           3-Methylhexane	71.3113* 87.5473* 31.5955* <b>ft<sup>43</sup>/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 2.07953 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-08 1.26011E-08 1.26011E-08 1.25174E-07 2.10888E-07 1.46758E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.00018105 0.00017942 0.00017900 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.0013696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000158497 0.000158497 0.000124181 0.000224009 0.000250569 0.000157095	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 1.32488 0.125720 5.28413 0.574790 1.83439 1.33832 2.18198 2.01678 0.778368	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461	0	0.574195 0.516112 1t/3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.0036563 3.38939E-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.365165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000879651 0.000275601 0.0027661 0.0027651 0.0027661 0.0027661 0.0027651 0.0027551 0.0027555 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.005575 0.0055755 0.0055755 0.0055755 0.0055755 0.0055755 0.0055755 0.00557	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 2.19715E-06 1.45598E-05 0.0382598 3.48773 0 0 0 0 0 0 1.25523E-07
C07s Others_x1 C08s Others_x1 C08s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Pentane n-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene TEG Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylbutane Isohexane 2,3-Dimethylbutane Isohexane 3-Methylpentane Methylcyclopentane Ocyclohexane 2-Methylnexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane Methylcyclohexane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42332 14.7406	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-09 1.15684E-08 1.26011E-08 1.2611E-07 1.46758E-08 2.26926E-08 5.45042E-07	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.00138096 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000158497 0.000124181 0.000224009 0.000157095 0.00011339	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 0.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.33832 2.18198 2.01678 0.778368 0.897325 3.21220	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 1.31247 1.31326E-09 0.334830 1.11640 0.0101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.473294 1.47593	0	0.574195 0.516112 ft*37h 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.00365653 3.38395-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70068E-05 0.000879661 0.000887661 0.000887661 0.000887551 0.00087144 0.0006865E-05 0.00087144 0.00068751 0.00087144 0.00182521 0.00162674 0.00284369 0.00158173 0.00188173 0.00188173 0.00188173 0.00189593 0.0075123	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylputane Isohexane 3-Methylpentane Methylcyclopentane Cyclohexane 2-Methylhexane 3-Methylpexane 2-Methylhexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 2-Methylpexane 3-Meth	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 3.85252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921 13.0396 3.65840	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42332 14.7406 4.23221	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 0 2.68806E-06 0 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33843E-10 8.81764E-11 2.38403E-08 4.07348E-09 1.156174E-07 2.10888E-07 1.46758E-08 2.26926E-08 5.45042E-07 6.38761E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.84166E-05 0.00018105 0.00018105 0.00017942 0.00015906 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.0013696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000157095 0.000191339 0.000737044 0.000341647	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.3832 2.18198 2.01678 0.897325 3.21220 0.743265	0.300606 0.0942140 ft^3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.473294 1.47593 0.818141	0	0.574195 0.516112 1ft/3t/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.00365653 3.38393E-08 0.00330241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70066E-05 0.000879661 0.0008879651 0.000879651 0.00087144 0.000647813 0.00216251 0.00162674 0.00276601 0.00284369 0.00215251 0.00128773 0.00284369 0.00218173 0.00218173 0.00189593 0.0026542	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C08s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylputane Isohexane 2,3-Dimethylputane Isohexane 2,3-Dimethylpentane Methylcyclopentane Methylcyclohexane 3-Methylhexane Methylcyclohexane 3-Methylhexane Methylcyclohexane n-Octane m-Xylene	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 0.385252 2.39423 0 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921 13.0396 3.65840 1.27068	70.9524 86.6725 30.9852 ft^3/h 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 111.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42332 14.7406 4.23221 1.28011	0.000164276 0.000371768 gpm 1.36613E-10 9.77532E-10 3.15517E-09 8.18519E-09 8.18519E-09 8.18519E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-08 4.07348E-09 1.15684E-08 1.26011E-08 1.55174E-07 2.10888E-07 1.46758E-08 2.26926E-08 5.45042E-07 6.38764E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.000159006 0.00031705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.0013809 0.0450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000157095 0.000157095 0.000157095 0.000157095 0.000157095 0.000191339 0.000377044 0.000341647 0.000194787	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.33832 2.18198 2.01678 0.778368 0.897325 3.21220 0.743265 5.07043	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0 0.305377 2.22934 1.31247 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.473294 1.47593 0.1814111 0.962232	0	0.574195 0.516112 1t'3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.00306394 0.00306394 0.00306394 0.00306394 0.00306395 0.00302041 0.0036563 3.38939E-08 0.00320241 0.0036563 3.363165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.000879661 0.000872651 0.000276601 0.00276601 0.00276601 0.00276601 0.00276601 0.00276513 0.0018173 0.00276513 0.0026542 0.00167371	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 2.19715E-06 1.45598E-05 0.0382598 3.48773 0 0 0 0 0 1.25523E-07 1.72035E-07 1.72035E-07 1.72035E-07 0.0 0 4.46867E-07 5.18174E-08 2.97857E-05
C07s Others_x1 C08s Others_x1 C08s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Pentane n-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylputane Isohexane 2,3-Dimethylputane Isohexane 2,3-Dimethylputane Sohexane 2,3-Dimethylputane Sohexane 2,3-Dimethylputane Sohexane 2,3-Dimethylputane Sohexane 2-Methylpentane Methylcyclopentane Cyclohexane 2-Methylhexane 3-Methylhexane 3-Methylputane Sohexane 2-Methylputane Sohexane 2-Methylputane Sohexane 3-Methylputane Sohexane 2-Methylputane Sohexane 2-Methylputane Sohexane 3-Methylputane Sohexane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921 13.0396 3.65840 1.27068 1.07111	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42332 14.7406 4.23221 1.28011 1.28011	0.000164276 0.000371768 <b>gpm</b> 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 1.19273E-08 2.30867E-08 0 2.68806E-06 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33833E-10 8.81764E-11 2.8403E-08 1.26011E-08 1.2614E-07 2.10888E-07 1.46758E-08 3.59562E-05 1.02310E-07	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 6.33018E-05 2.06608E-05 0.00018105 0.00018105 0.0001705 3.55170E-09 0.00023377 1.26215E-07 0.000562079 0.0013696 0.450070 3.29703E-06 2.14843E-06 0.000337734 4.58885E-05 0.00015497 0.000157095 0.000157095 0.000157095 0.000191339 0.000737044 0.000341647 0.000341647 0.000341647 0.00034764	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.3832 2.18198 2.01678 0.778368 0.87325 3.21220 0.743265 5.07043 0.434908	0.300606 0.0942140 ft^3/h 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.304830 1.11640 0.0101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.473294 1.47593 0.181411 0.962232 0.0457537	0	0.574195 0.516112 ft*37h 0.0535539 0.0181947 0.0128250 0.00624079 0.0036394 0.0036394 0.00365653 3.38395-08 0.00320241 1.07861E-06 0.00484433 0.0124403 3.65165 2.70068E-05 0.000879661 0.000887361 0.00284369 0.0025251 0.002682469 0.00284369 0.00158173 0.00284369 0.00158173 0.00284369 0.00158173 0.0028542 0.00058173 0.0028542 0.0005123 0.0028542 0.0075123 0.0028542 0.0028542 0.0075123 0.0075123 0.0028542 0.0075123 0.0075	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylputane Isohexane 3-Methylpentane Methylcyclopentane Cyclohexane 2-Methylhexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 1-Decane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921 13.0396 3.65840 1.27068 1.07111 0.301234	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42322 14.7406 4.23221 1.28011 1.26037 0.363565	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 8.18519E-08 0 2.68806E-06 0 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.338432E-10 8.81764E-11 2.38403E-08 1.26011E-08 1.26014E-07 1.46758E-08 2.6992E-08 2.45042E-07 6.38761E-08 3.59562E-05 1.02310E-07 1.71673E-07	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.00017942 0.00015906 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00138696 0.450070 3.29703E-06 2.14843E-06 0.000337734 4.5885E-05 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000157095 0.000157095 0.0001737044 0.000341647 0.00194787 0.000272566	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.38332 2.18198 2.01678 0.778368 0.897325 3.21220 0.743265 5.07043 0.434908 0.234788	0.300606 0.0942140 ft^3/h ft3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.475294 1.47593 0.1814111 0.962232 0.0457537 0.00977877	0	0.574195 0.516112 <b>ft'3/h</b> 0.0181947 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.0036394 0.0036394 0.00365653 3.38393E-08 0.00348161 0.00365653 3.38393E-08 0.00344433 0.0124403 3.365165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.00082352 8.66805E-05 0.000537144 0.00062674 0.000265251 0.00182674 0.002642551 0.00182674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264329 0.001637173 0.00296542 0.0167371 0.00230241 0.00230241	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C08s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane n-Butane i-Butane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylputane Isohexane 2,3-Dimethylputane Isohexane 2,3-Dimethylputane Isohexane 3-Methylpentane Methylcyclopentane Methylcyclohexane 3-Methylhexane 3-Methylhexane Methylcyclohexane n-Octane m-Xylene n-Decane C07S Others_x1	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0 0.385252 2.39423 0 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921 13.0396 3.65840 1.27068 1.27068 1.07111 0.301234 11.8444	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0 2.22145 0 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42332 14.7406 4.23221 1.28011 1.26037 0.363665 13.4808	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 8.18519E-09 1.9273E-08 2.30867E-08 0 0.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.33883E-10 8.81764E-11 2.38403E-08 4.07348E-09 1.15684E-08 1.26011E-08 1.26012E-07 6.38761E-08 3.59562E-05 1.02310E-07 1.71673E-07 7.32150E-08	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.00018105 0.00017942 0.000159006 0.00031705 3.55170E-09 0.00027377 1.26215E-07 0.000562079 0.0013696 0.450070 3.29703E-06 2.53504E-07 2.70755E-06 2.14843E-06 0.000337734 4.58885E-05 0.000158497 0.000154481 0.000224009 0.000250569 0.000157095 0.000157095 0.000157095 0.000157095 0.000157095 0.000191339 0.000175705 0.00014787 0.000272506 0.000175479 0.00031735	0.874788 0.610319 ft*3/h 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4.699.63 0.00598077 0.392122 1.32488 0.125720 5.28413 0.574790 1.83439 1.33832 2.18198 2.01678 0.778368 0.897325 3.21220 0.743265 5.07043 0.434908 0.234788 1.72851	0.300606 0.0942140 ft^3/h ft 45.0527 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.473294 1.47593 0.872921	0	0.574195 0.516112 1t/3/h 0.0535539 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.00306394 0.0036563 3.38939E-08 0.00320241 0.00365653 3.38939E-08 0.00320241 0.00484433 0.0124403 3.365165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.000879661 0.000879661 0.000879661 0.0008796542 0.0015251 0.0012674 0.00276601 0.00284369 0.00185533 0.00276513 0.0028542 0.0167371 0.00230241 0.0028542 0.0167371 0.00230241 0.00230241	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 2.19715E-06 1.45598E-05 0.0382598 3.48773 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
C07s Others_x1 C08s Others_x1 C09s Others_x1 Volumetric Flow Methane Ethane Propane i-Butane i-Butane i-Pentane n-Pentane Hexane n-Heptane Benzene o-Xylene Ethylbenzene Toluene Water TEG N2 CO2 2,2-Dimethylpropane Neohexane 2,3-Dimethylputane Isohexane 3-Methylpentane Methylcyclopentane Cyclohexane 2-Methylhexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 3-Methylpexane 1-Decane	71.3113* 87.5473* 31.5955* <b>ft^3/h</b> 56070.0 8060.04 3016.03 290.479 721.853 160.671 149.174 48.5206 0 2.07953 0 0.385252 2.39423 0 0 0.385252 2.39423 0 0 1736.00 125.544 10.0142 157.069 12.2067 40.3228 22.6185 11.7116 10.9572 8.74728 8.27921 13.0396 3.65840 1.27068 1.07111 0.301234	70.9524 86.6725 30.9852 <b>ft^3/h</b> 60753.4 8802.03 3316.72 321.674 800.476 179.998 167.000 54.8391 0 0.2.22145 0 0.388323 2.47969 52.6554 0.0370167 1873.47 136.400 11.1524 176.381 13.7289 45.4159 25.4708 13.0996 12.2947 9.96116 9.42322 14.7406 4.23221 1.28011 1.26037 0.363565	0.000164276 0.000371768 gpm 1.35613E-10 9.77532E-10 3.15517E-09 7.49983E-10 5.43485E-09 8.18519E-09 8.18519E-09 8.18519E-08 0 2.68806E-06 0 0 9.57912E-06 1.76659E-05 0.0351940 4.17143 7.00270E-14 1.338432E-10 8.81764E-11 2.38403E-08 1.26011E-08 1.26014E-07 1.46758E-08 2.6992E-08 2.45042E-07 6.38761E-08 3.59562E-05 1.02310E-07 1.71673E-07	0.574195 0.516112 gpm 2.58108E-05 2.84166E-05 2.84166E-05 2.06608E-05 0.00018105 0.00017942 0.00015906 0.000301705 3.55170E-09 0.000273377 1.26215E-07 0.000562079 0.00138696 0.450070 3.29703E-06 2.14843E-06 0.000337734 4.5885E-05 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000158497 0.000157095 0.000157095 0.0001737044 0.000341647 0.00194787 0.000272566	0.874788 0.610319 ft*3/h 52.9877 28.3928 21.4128 2.58260 9.68377 4.00690 4.27250 2.72782 0 2.59745 0 1.50001 5.80522 4699.63 0.00598077 0.392122 0.392122 1.32488 0.125720 5.28413 0.574790 1.84349 1.38332 2.18198 2.01678 0.778368 0.897325 3.21220 0.743265 5.07043 0.434908 0.234788	0.300606 0.0942140 ft^3/h ft3/h 23.9348 17.8560 2.12018 7.87240 3.12509 3.26876 1.77991 0 1.52182 0 0.305377 2.22934 13.1247 1.31326E-09 0.334830 1.11640 0.101284 3.87185 0.405235 1.27869 0.911167 1.40162 1.19692 0.425461 0.475294 1.47593 0.1814111 0.962232 0.0457537 0.00977877	0	0.574195 0.516112 <b>ft'3/h</b> 0.0181947 0.0181947 0.0128250 0.00162230 0.00624079 0.00306394 0.0036394 0.0036394 0.00365653 3.38393E-08 0.00348161 0.00365653 3.38393E-08 0.00344433 0.0124403 3.365165 2.70066E-05 0.000879661 0.000879661 0.000879661 0.00082352 8.66805E-05 0.000537144 0.00062674 0.000265251 0.00182674 0.002642551 0.00182674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264339 0.00162674 0.00264329 0.001637173 0.00296542 0.0167371 0.00230241 0.00230241	0.000164156 0.000371499 gpm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

	User Value S	ets Report	
		•	
Client Name: Location:	Danville Dehydration Tank Eval	Job:	N:\West Virginia\Cabot\P
Flowsheet:	Dehydration		
	Sum Componer	nt Flow/Frac	
	User Value [C	compSum]	
Parameter	40.2682* ton/yr	Upper Bour	ton/yr
Lower Bound	ton/yr	Enforce Boi	FALSE
Notes:			
	et was programmatically generated. GUID	={64738DB4-761B-442F-93	19-29D235371EC0}
			· · · · · · · · · · · · · · · · · · ·
	Tank		
	User Value [Bl		
Parameter	1*	Upper Bour	
Lower Bound		Enforce Boi	FALSE
	User Value [St	elll ength	
Parameter	10* ft	Upper Bour	ft
Lower Bound	0* ft	Enforce Bo	FALSE
Lower Bound	0 11	Emoloo Box	THEOL
	User Value [S	hellDiam]	
Parameter	8.5* ft	Upper Bour	ft
Lower Bound	0* ft	Enforce Boi	FALSE
	User Value [B		
Parameter	0.0300000* psig	Upper Bour Enforce Bo	psig FALSE
Lower Bound	psig	Eniorce Boi	FALSE
	User Value [Bre	eatherVacP1	
Parameter	-0.030000* psig	Upper Bour	psig
Lower Bound	psig	Enforce Boi	FALSE
	User Value [Do	meRadius]	
Parameter	4.75* ft	Upper Bour	ft
Lower Bound	ft	Enforce Boi	FALSE
	User Value [	OnBrossl	
Parameter	0* psig	Upper Bour	psig
Lower Bound	o psig psig	Enforce Bo	FALSE
	r 3		
	User Value [Avg	PercentLiq]	
Parameter	50* %	Upper Bour	%
Lower Bound	%	Enforce Boi	FALSE
		Persont in	
	User Value [Max	14	
Parameter	90* % %	Upper Bour Enforce Bo	
Lower Bound	70		FALSE
	User Value [A	nnNetTP1	
Parameter	15.8777* bbl/day	Upper Bour	bbl/day
Lower Bound	0* bbl/day	Enforce Boi	FALSE
	User Value		
Parameter	0* %	Upper Bour	%
Lower Bound	%	Enforce Boi	FALSE

	User Value [M	MaxAvgT]	
Parameter	65.75* °F	Upper Bour	°F
ower Bound	°F	Enforce Boi	FALSE
	User Value [I	MinAvaT1	
arameter	44.2167* °F	Upper Bour	°F
ower Bound	°F	Enforce Boi	FALSE
Parameter	User Value [8 58.0633* °F	Upper Bour	°F
ower Bound	°F	Enforce Boi	FALSE
			-
	User Value		
Parameter	14.2535* psia	Upper Bour Enforce Bou	psia
ower Bound	psia	Enforce Bol	FALSE
	User Value	[Therml]	
Parameter	1250.57* Btu/ft^2/day	Upper Bour	Btu/ft^2/day
ower Bound	Btu/ft^2/day	Enforce Bo	FALSE
	User Value [Avg	WindSpeed1	
Parameter	6.05* mi/h	Upper Bour	mi/h
ower Bound	mi/h	Enforce Boi	FALSE
	User Value [MaxHou	<u> </u>	
Parameter Lower Bound	0.661572* bbl/hr 0* bbl/hr	Upper Bour Enforce Bou	bbl/hr FALSE
ower bound	0 00/11	Enlorce Bor	TALGE
	User Value [Entra		
Parameter	1* %	Upper Bour	%
ower Bound	%	Enforce Boi	FALSE
	User Value [Tu	rnoverRatel	
Parameter	31.8532*	Upper Bour	
ower Bound		Enforce Bo	FALSE
	User Value [LLo	ccSatEactor]	
Parameter	0.5*	Upper Bour	
ower Bound	0.0	Enforce Bou	FALSE
	User Value [Ati		
Parameter Lower Bound	14.2535* psia psia	Upper Bour Enforce Bo	psia FALSE
	User Value		
Parameter	0.324556* psia	Upper Bour	psia
ower Bound	psia	Enforce Bo	FALSE
	User Value	[MaxVP]	
Parameter	0.443843* psia	Upper Bour	psia
ower Bound	psia	Enforce Boi	FALSE
Paramatar	User Value		pain a
Parameter Lower Bound	0.235899* psia psia	Upper Bour Enforce Bou	psia FALSE
	poid		
	User Value [Avg	LiqSurfaceT]	
Parameter	63.4262* °F	Upper Bour Enforce Bo	°F FALSE
ower Bound	°F		

		axLiqSurfaceT]	
Parameter	73.2549* °F	Upper Bour	°F
Lower Bound	°F	Enforce Boi	FALSE
		TotalLosses]	
Parameter	0.00243269* ton/yr	Upper Bour	top/ur
-ower Bound	ton/yr	Enforce Bou	ton/yr FALSE
	ton yi	Enloree Bor	TALOL
	User Value [W	orkingLosses]	
Parameter	0.000743056* ton/yr	Upper Bour	ton/yr
Lower Bound	ton/yr	Enforce Bo	FALSE
	User Value [St		
Parameter	0.000473288* ton/yr	Upper Bour Enforce Boi	ton/yr FALSE
Lower Bound	ton/yr	Enlorce Bol	FALSE
	User Value [Ri	imSealLosses]	
Parameter	0* ton/yr	Upper Bour	ton/yr
Lower Bound	ton/yr	Enforce Bo	FALSE
		ithdrawalLoss]	
Parameter	0* ton/yr	Upper Bour	ton/yr
Lower Bound	ton/yr	Enforce Bo	FALSE
		padingLosses]	
Parameter	0.000743374* ton/yr	Upper Bour	ton/yr
Lower Bound	ton/yr	Enforce Box	FALSE
	User Value [MaxHe	ourlyLoadingLoss]	
Parameter	0.000169720* lb/hr	Upper Bour	lb/hr
Lower Bound	lb/hr	Enforce Boi	FALSE
De me av e ( e m	User val	ue [PStar]	
Parameter Lower Bound		Upper Bour Enforce Bou	FALSE
			TALOL
	User Value [Al	[CTotalLosses]	
Parameter	0.0302140* ton/yr	Upper Bour	ton/yr
Lower Bound	ton/yr	Enforce Bo	FALSE
		LoadingLosses]	
Parameter	0.00923270* ton/yr	Upper Bour	ton/yr
Parameter Lower Bound			ton/yr FALSE
	0.00923270* ton/yr ton/yr	Upper Bour Enforce Boi	-
Lower Bound	0.00923270* ton/yr ton/yr User Value [AllCM	Upper Bour Enforce Boi	FALSE
Lower Bound	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr	Upper Bour Enforce Bou IaxHLoadingLoss] Upper Bour	FALSE Ib/hr
Lower Bound	0.00923270* ton/yr ton/yr User Value [AllCM	Upper Bour Enforce Boi	FALSE
Lower Bound	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi	FALSE Ib/hr
Lower Bound Parameter Lower Bound Parameter	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi FlashingLosses] Upper Bour	FALSE lb/hr FALSE ton/yr
Lower Bound	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi FlashingLosses]	FALSE lb/hr FALSE
Lower Bound Parameter Lower Bound Parameter	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi FlashingLosses] Upper Bour Enforce Boi	FALSE lb/hr FALSE ton/yr
Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr User Value [Dec	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi FlashingLosses] Upper Bour Enforce Boi SkFittingLosses]	FALSE lb/hr FALSE ton/yr FALSE
Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Parameter Parameter	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr User Value [Dec 0* ton/yr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi Upper Bour Enforce Boi SkFittingLosses] Upper Bour	FALSE lb/hr FALSE ton/yr FALSE
Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr User Value [Dec	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi FlashingLosses] Upper Bour Enforce Boi SkFittingLosses]	FALSE lb/hr FALSE ton/yr FALSE
Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Parameter Parameter	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr User Value [Dec 0* ton/yr ton/yr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi Upper Bour Enforce Boi SkFittingLosses] Upper Bour Enforce Boi Enforce Boi	FALSE b/hr FALSE ton/yr FALSE
Lower Bound	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr User Value [Dec 0* ton/yr ton/yr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi FlashingLosses] Upper Bour Enforce Boi SkFittingLosses] Upper Bour Enforce Boi	FALSE b/hr FALSE ton/yr FALSE ton/yr FALSE
Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Parameter Parameter	0.00923270* ton/yr ton/yr User Value [AIICM 0.00210792* lb/hr lb/hr User Value [AIIC 0.00950884* ton/yr ton/yr User Value [Dec 0* ton/yr ton/yr	Upper Bour Enforce Boi IaxHLoadingLoss] Upper Bour Enforce Boi Upper Bour Enforce Boi SkFittingLosses] Upper Bour Enforce Boi Enforce Boi	FALSE b/hr FALSE ton/yr FALSE

arameter ower Bound	0.00452468 <sup>*</sup> ton/yr ton/yr	Upper Bour Enforce Boi	ton/yr FALSE
	User Value [T	otalResidual1	
arameter	1008.57* ton/yr	Upper Bour	ton/yr
ower Bound	ton/yr	Enforce Bo	FALSE
	User Value [Ga	sMoleWeight]	
Parameter	0.0196260* kg/mol	Upper Bour	kg/mol
Lower Bound	kg/mol	Enforce Bou	FALSE
Parameter	User Value [Vapl 8.05153* %	Upper Bour	%
Lower Bound	8.03133 %	Enforce Bo	FALSE
			-
	User Value [LiqF		
Parameter	1.92839* %	Upper Bour	%
Lower Bound	%	Enforce Boi	FALSE
	User Value [Flash	ReportableFrac]	
Parameter	47.5839* %	Upper Bour	%
Lower Bound	47.5839* % % was programmatically generated. GUI	Enforce Boi	FALSE
Lower Bound	% was programmatically generated. GUI	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady]	FALSE
Lower Bound Notes: This User Value Set v Parameter	% was programmatically generated. GUI	Enforce Boi D={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour	FALSE -BA3D-FC4DE9908BE6}
_ower Bound Notes: This User Value Set v	% was programmatically generated. GUI RVS User Value [I	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady]	FALSE
Lower Bound Notes: This User Value Set v Parameter	% was programmatically generated. GUI RVS User Value [I	Enforce Boi D={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi	FALSE -BA3D-FC4DE9908BE6}
Lower Bound Notes: This User Value Set v Parameter Lower Bound	% was programmatically generated. GUI RVS- User Value [f 1* User Valu °F	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi e [TDew] Upper Bour	FALSE -BA3D-FC4DE9908BE6} FALSE FALSE
Lower Bound Notes: This User Value Set v Parameter Lower Bound	% was programmatically generated. GUI RVS- User Value [f 1* User Valu	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi Id=[TDew]	FALSE -BA3D-FC4DE9908BE6} -FALSE
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter	% was programmatically generated. GUI RVS- User Value [f 1* User Valu °F	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi Upper Bour Enforce Boi Upper Bour Enforce Boi	FALSE -BA3D-FC4DE9908BE6} FALSE FALSE
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter	% was programmatically generated. GUI RVS User Value [I 1* User Value °F °F °F User Value [Va mol/s	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi e [TDew] Upper Bour Enforce Boi porMolarFlow] Upper Bour	FALSE BA3D-FC4DE9908BE6} FALSE FALSE °F FALSE mol/s
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter Lower Bound	% was programmatically generated. GUI RVS User Value [f 1* User Value °F °F Vser Value [Va	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi e [TDew] Upper Bour Enforce Boi porMolarFlow]	FALSE FALSE FALSE FALSE
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter	% was programmatically generated. GUI RVS- User Value [f 1* User Value °F °F °F Vser Value [Va mol/s mol/s	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi Upper Bour Enforce Boi porMolarFlow] Upper Bour Enforce Boi	FALSE BA3D-FC4DE9908BE6} FALSE FALSE °F FALSE mol/s
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound	% was programmatically generated. GUI RVS User Value [I 1* User Value °F °F °F User Value [Va mol/s	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi Upper Bour Enforce Boi porMolarFlow] Upper Bour Enforce Boi	FALSE BA3D-FC4DE9908BE6} FALSE FALSE °F FALSE mol/s
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound	% was programmatically generated. GUI RVS- User Value [I 1* User Value F °F °F °F User Value [Va mol/s mol/s User Value [In	Enforce Boi ID={2AA1C2EB-1629-4D68- -100 BlockReady] Upper Bour Enforce Boi Upper Bour Enforce Boi porMolarFlow] Upper Bour Enforce Boi Upper Bour Enforce Boi	FALSE BA3D-FC4DE9908BE6} FALSE FALSE FALSE mol/s FALSE
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Parameter Parameter Parameter Parameter	% was programmatically generated. GUI RVS- User Value [I 1* User Value °F °F °F User Value [Va mol/s m	Enforce Boi ID={2AA1C2EB-1629-4D68- ID={2AA1C2EB-1629-4D68- ID={2AA1C2EB-1629-4D68- IDper Bour Enforce Boi IDper Bour Enforce Boi IDper Bour Enforce Boi Interfere Boi	FALSE BA3D-FC4DE9908BE6} FALSE FALSE FALSE Mol/s FALSE Mol/s
Lower Bound Notes: This User Value Set v Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound Parameter Lower Bound	% was programmatically generated. GUI RVS- User Value [f 1* User Value F °F °F Vser Value [Va mol/s User Value [In mol/s	Enforce Boi ID={2AA1C2EB-1629-4D68- ID={2AA1C2EB-1629-4D68- ID={2AA1C2EB-1629-4D68- IDper Bour Enforce Boi IDper Bour Enforce Boi IDper Bour Enforce Boi Interfere Boi	FALSE BA3D-FC4DE9908BE6} FALSE FALSE FALSE Mol/s FALSE Mol/s

### ATTACHMENT O

## MONITORING/RECORDKEEPING/REPORTING/ TESTING PLANS

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### MONITORING, RECORD KEEPING, REPORTING, TESTING PLANS

### Monitoring

Cranberry Pipeline Corporation (Cranberry) will monitor the throughput of the two 100 bbl pipeline fluids storage tanks (TKO-1 and TKO-2) and the amount of pipeline fluids transferred via Truck Loading (TL-01) on a monthly basis to determine compliance with the limit. Compliance shall be demonstrated using a twelve month rolling total.

### Recordkeeping

The company will maintain records of the aggregate throughputs for the storage tanks (TKO-1 & TKO-2) and material loaded (TL-01) on a monthly and rolling twelve month total. Records shall be kept for a period of five (5) years, two (2) years on site and certified by a company official at such time that the DAQ may request said records.

### Reporting

Upon request by the Director, the company will report any equipment malfunctions or deviations from the permitted limits.

#### Testing

There are not testing requirements for the equipment associated with this permit application.

### ATTACHMENT P

## **PUBLIC NOTICE**

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### AIR QUALITY PERMIT NOTICE Notice of Application

Notice is given that Cranberry Pipeline Corporation has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a Modification Permit, for a natural gas compressor station located off Lick Creek Rd. near Danville, in Boone County, West Virginia. The latitude and longitude coordinates are 38.07266 and -81.88848.

The applicant estimates the decreased potential to discharge of the following Regulated Air Pollutants will be:

Pollutant	Tons/yr
VOCs	-1.03

Modification of operation is after the fact due to increased liquids throughputs. Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57<sup>th</sup> 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 XX day of April, 2017.

By: Cranberry Pipeline Corporation Brody Webster Manager, Safety & Environmental 900 Lee St. East, Suite 1500 Charleston, WV 25301

### ATTACHMENT Q

# BUSINESS CONFIDENTIAL CLAIMS NOT APPLICABLE

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### ATTACHMENT R

## **AUTHORITY FORMS**

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

#### Attachment R AUTHORITY OF CORPORATION OR OTHER BUSINESS ENTITY (DOMESTIC OR FOREIGN)

TO: The West Virginia Department of Environmental Protection, Division of Air Quality

DATE: October 8 , 2015

ATTN.: Director

Corporation's / other business entity's Federal Employer I.D. Number \_\_\_\_\_042989934

The undersigned hereby files with the West Virginia Department of Environmental Protection, Division of Air Quality, a permit application and hereby certifies that the said name is a trade name which is used in the conduct of an incorporated business or other business entity.

Further, the corporation or the business entity certifies as follows:

(1) **BRODY WEBSTER** (is/are) the authorized representative(s) and in that capacity may represent the interest of the corporation or the business entity and may obligate and legally bind the corporation or the business entity.

(2) The corporation or the business entity is authorized to do business in the State of West Virginia.

(3) If the corporation or the business entity changes its authorized representative(s), the corporation or the business entity shall notify the Director of the West Virginia Department of Environmental Protection, Division of Air Quality, immediately upon such change.

President or Other Authorized Officer (Vice President, Secretary, Treasurer or other official in charge of a principal business function of the corporation or the business entity)

(If not the President, then the corporation or the business entity must submit certified minutes or bylaws stating legal authority of other authorized officer to bind the corporation or the business entity).

Secretary

### CABOT OIL & GAS CORPORATION CRANBERRY PIPELINE CORPORATION

Name of Corporation or business entity

### **ATTACHMENT S**

## **TITLE V PERMIT REVISION INFORMATION**

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia

### 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:		
SIP	☐ FIP	
Minor source NSR (45CSR13)	D PSD (45CSR14)	
NESHAP (45CSR15)	Nonattainment NSR (45CSR19)	
Section 111 NSPS (Subpart(s))	Section 112(d) MACT standards (Subpart(s))	
Section 112(g) Case-by-case MACT	112(r) RMP	
Section 112(i) Early reduction of HAP	Consumer/commercial prod. reqts., section 183(e)	
Section 129 Standards/Reqts.	Stratospheric ozone (Title VI)	
Tank vessel reqt., section 183(f)	Emissions cap 45CSR§30-2.6.1	
NAAQS, increments or visibility (temp. sources)	45CSR27 State enforceable only rule	
45CSR4 State enforceable only rule	Acid Rain (Title IV, 45CSR33)	
Emissions Trading and Banking (45CSR28)	Compliance Assurance Monitoring (40CFR64) <sup>(1)</sup>	
NO <sub>x</sub> Budget Trading Program Non-EGUs (45CSR1)	$\Box$ NO <sub>x</sub> Budget Trading Program EGUs (45CSR26)	
<sup>(1)</sup> If this box is checked, please include <b>Compliance Assu</b> Specific Emission Unit (PSEU) (See Attachment H to Title explain why <b>Compliance Assurance Monitoring</b> is not ap	V Application). If this box is not checked, please	

### 2. Non Applicability Determinations

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.

**Permit Shield Requested** (not applicable to Minor Modifications)

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?  $\Box$  Yes  $\boxtimes$  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
	MM/DD/YYYY	
R13-2585D	07/02/2014	
	/ /	

5. Inactive NSR Permits/Obsolete F	Permit or Consent Orders Co	onditions Associated With This Revision
Permit or Consent Order Number	Date of Issuance	Permit/Consent Order Condition Number
	MM/DD/YYYY	
	/ /	
	/ /	

6. Change in Potential Emissions		
Pollutant	Change in Potential Emissions (+ or -), TPY	
VOC	-1.03	

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

Page \_\_\_\_\_ of \_\_\_\_\_

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
iii.	recordkeeping requirements in the permit; 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 o
iv.	ambient air quality impacts, or a visibility increment analysis; Proposed changes do not seek to establish or change a permit term or condition for which there
17.	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
v.	Air Act; Proposed changes do not involve preconstruction review under Title I of the Clean Air Act or 45CSP14 and 45CSP10;
vi.	45CSR14 and 45CSR19; Proposed changes are not required under any rule of the Director to be processed as
procedur permits,	standing subparagraph 45CSR§30-6.5.a.1.A. (items i through vi above), minor permit modification es may be used for permit modifications involving the use of economic incentives, marketable emissions trading, and other similar approaches, to the extent that such minor permit modification es are explicitly provided for in rules of the Director which are approved by the U.S. EPA as a part of
procedur permits, procedur the State operating	es may be used for permit modifications involving the use of economic incentives, marketable emissions trading, and other similar approaches, to the extent that such minor permit modification es are explicitly provided for in rules of the Director which are approved by the U.S. EPA as a part o Implementation Plan under the Clean Air Act, or which may be otherwise provided for in the Title V g permit issued under 45CSR30. t to 45CSR\$30-6.5.a.2.C., the proposed modification contained herein meets the criteria for us
procedur permits, procedur the State operating <b>Pursuar</b> of Mino	es may be used for permit modifications involving the use of economic incentives, marketable emissions trading, and other similar approaches, to the extent that such minor permit modification es are explicitly provided for in rules of the Director which are approved by the U.S. EPA as a part o Implementation Plan under the Clean Air Act, or which may be otherwise provided for in the Title V g permit issued under 45CSR30. t to 45CSR\$30-6.5.a.2.C., the proposed modification contained herein meets the criteria for use
procedur permits, procedur the State operating <b>Pursuar</b> of Mino permit r	t to 45CSR\$30-6.5.a.2.C., the proposed modification contained herein meets the criteria for user permit modification contained herein meets the criteria for user permit modification procedures as set forth in Section 45CSR\$30-6.5.a.1.A. The use of Minor
procedur permits, procedur the State operating <b>Pursuar</b> of Mino	The set of the set
procedur permits, procedur the State operating <b>Pursuar</b> of Mino permit r	The set of the set
procedur permits, procedur the State operating <b>Pursuar</b> of Mino permit r Signed): Named (type	The set of the set
procedur permits, procedur the State operating <b>Pursuar</b> of Mino permit I Signed): Named (type Note: Please	es may be used for permit modifications involving the use of economic incentives, marketable emissions trading, and other similar approaches, to the extent that such minor permit modification es are explicitly provided for in rules of the Director which are approved by the U.S. EPA as a part o Implementation Plan under the Clean Air Act, or which may be otherwise provided for in the Title V g permit issued under 45CSR30. t to 45CSR§30-6.5.a.2.C., the proposed modification contained herein meets the criteria for use r permit modification procedures as set forth in Section 45CSR§30-6.5.a.1.A. The use of Minor modification procedures are hereby requested for processing of this application. (Please use blue ink) (Please use blue ink) (Please use blue ink)

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

## **APPLICATION FEE**

## **Rule 13 Permit Modification Application**

Danville Compressor Station, Danville, West Virginia

Cranberry Pipeline Corporation c/o Cabot Oil & Gas Corporation 900 Lee Street East, Suite 1500 Charleston, West Virginia