

Texas Commission on Environmental Quality

Title V Existing

4123

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	INEOS OLIGOMERS CHOCOLATE BAYOU
County	BRAZORIA
Latitude (N) (##.#####)	29.231388
Longitude (W) (-###.#####)	95.199444
Primary SIC Code	0
Secondary SIC Code	
Primary NAICS Code	325110
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN108783614
What is the name of the Regulated Entity (RE)?	INEOS OLIGOMERS CHOCOLATE BAYOU
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	15916 FM RD 2004
City	ALVIN
State	TX
ZIP	77511
County	BRAZORIA
Latitude (N) (##.#####)	29.231403
Longitude (W) (-###.#####)	-95.199511
Facility NAICS Code	
What is the primary business of this entity?	CHEMICALS MANUFACTURE

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604935338
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	INEOS OLIGOMERS USA LLC
Texas SOS Filing Number	802234005
Federal Tax ID	320465850
State Franchise Tax ID	32057506126
State Sales Tax ID	
Local Tax ID	
DUNS Number	3983483
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	INEOS OLIGOMERS USA LLC
Prefix	MR
First	JOSEPH
Middle	
Last	WALTON
Suffix	
Credentials	
Title	CEO
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2600 S SHORE BLVD
Routing (such as Mail Code, Dept., or Attn:)	STE 400
City	LEAGUE CITY
State	TX
ZIP	77573
Phone (###-###-####)	2815354260
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2815354411
E-mail	joseph.walton@ineos.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JEFFREY WOLF(INEOS OLIGOMERS...)
Organization Name	INEOS OLIGOMERS USA LLC
Prefix	MR
First	JEFFREY
Middle	
Last	WOLF
Suffix	
Credentials	
Title	ASSET MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2450
Routing (such as Mail Code, Dept., or Attn:)	
City	ALVIN
State	TX
Zip	77512
Phone (###-###-####)	2815814333
Extension	
Alternate Phone (###-###-####)	

Fax (###-###-####)

E-mail

jeffrey.wolf@ineos.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

CAREY PUGH(INEOS OLIGOMERS...)

INEOS OLIGOMERS USA LLC

MR

CAREY

PUGH

PRINCIPAL ENVIRONMENTAL SPECIALIST

Domestic

PO BOX 2450

ALVIN

TX

77512

2815813347

carey.pugh@ineos.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 13 Min 53 Sec

3) Permit Longitude Coordinate:

95 Deg 11 Min 58 Sec

4) Is this submittal a new application or an update to an existing application?

Update

4.1. Select the permit/project number for which this update should be applied.

4123-36520

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	RE_ Working Draft Permit -- FOP O4123_ Project 36520 Ineos Oligomers USA LLC_Chocolate Bayou.pdf
Hash	E25B3966DE28967575F433AB918359ACDD3C2964D548A6388700FB517FD83B45
MIME-Type	application/pdf

[File Properties]

File Name	WDP Version 1 - O4123 Ineos Oligomers USA LLC (Minor 36520).docx
Hash	DAE4DB2AE9BE206C5CCE6AD582A0F13C9310BC010228A464D464AF6B9493E6B0
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

[File Properties]

File Name	WDP Version 2 - O4123 Ineos Oligomers USA LLC (Minor 36520).docx
Hash	97E3158D741CCD2D901FDA3658159D706287B34458B2452796B0E9B0D355A659
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Jeffrey R Wolf, the owner of the STEERS account ER053082.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 4123.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Jeffrey R Wolf OWNER OPERATOR

Account Number:	ER053082
Signature IP Address:	8.227.26.142
Signature Date:	2024-09-18
Signature Hash:	D8FC4AB47FA0A2D97E960C07F8396C2528705122350B84AD4D3AF7755F16424E
Form Hash Code at time of Signature:	42BE9D563904CEFF82EA9B6DB0DE5C4C4F77E97FA364B55F10FC6DD8477366E3

Submission

Reference Number:	The application reference number is 683248
Submitted by:	The application was submitted by ER053082/Jeffrey R Wolf
Submitted Timestamp:	The application was submitted on 2024-09-18 at 08:56:41 CDT
Submitted From:	The application was submitted from IP address 8.227.26.142
Confirmation Number:	The confirmation number is 564095
Steers Version:	The STEERS version is 6.82
Permit Number:	The permit number is 4123

Additional Information

Application Creator: This account was created by James F Wedemeier II

From: Emily Knodell
Sent: Tuesday, September 10, 2024 1:28 PM
To: James Wedemeier
Cc: carey.pugh@ineos.com
Subject: RE: Working Draft Permit -- FOP O4123/Project 36520, Ineos Oligomers USA LLC/Chocolate Bayou
Attachments: WDP Version 2 - O4123 Ineos Oligomers USA LLC (Minor, 36520).docx

Good afternoon Mr. Wedemeier,

Thank you for your review and comment on the WDP, I went ahead and updated the Issuance Date for the Major NSR Summary Table to March 22, 2024. Please see attached WDP "Version 2".

Please resolve the item below by **09/17/2024**.

- 1.) **Form OP-CRO1:** At this time, I would like to ask for the form OP-CRO1 certifying the changes made to the application. Please fill out the Time Period from 04/25/2024 to 09/10/2024. Please send me an electronic copy and the original, signed hardcopy. Alternatively in lieu of the OP-CRO1, you can submit this email thread and attachments as an update to the application through STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. STEERS does not accept the Outlook ".msg" file type, but it does take PDFs.

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: James Wedemeier <james.wedemeier@trinityconsultants.com>
Sent: Tuesday, September 3, 2024 10:14 AM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Cc: carey.pugh@ineos.com
Subject: RE: Working Draft Permit -- FOP O4123/Project 36520, Ineos Oligomers USA LLC/Chocolate Bayou

Hi Ms. Knodell,

We have one comment - the issuance date is incorrect on pages 97-105 (see attached draft with comments). It should be March 22, 2024, instead of April 1, 2024. Thanks.

James Wedemeier
Senior Consultant

1800 W. Loop South, Suite 1000
P 713.955.1223 M 832.518.8694 (preferred)
Email: james.wedemeier@trinityconsultants.com



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From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Wednesday, August 21, 2024 2:02 PM
To: carey.pugh@ineos.com; James Wedemeier <james.wedemeier@trinityconsultants.com>
Subject: Working Draft Permit -- FOP O4123/Project 36520, Ineos Oligomers USA LLC/Chocolate Bayou

Good afternoon,

I have conducted a technical review of *minor revision* application for *Ineos Oligomers USA LLC/Chocolate Bayou*. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have on the working draft permit by **09/04/2024**.

Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

Please review the second portion of the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed

OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Emily Knodell
Sent: Thursday, April 25, 2024 9:45 AM
To: carey.pugh@ineos.com
Subject: Technical Review -- FOP O4123/Project 36520, Ineos Oligomers USA LLC/Chocolate Bayou

Good morning Mr. Pugh,

My name is Emily Knodell and I have been assigned to the Federal Operating Permit (FOP) *minor revision* application of Permit No. **O4123** for *Ineos Oligomers USA LLC/Ineos Oligomers Chocolate Bayou*. This application has been assigned Project No. **36520**. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Emily L. Knodell

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

emily.knodell@tceq.texas.gov

Phone: (512) 239-3107

Fax: (512) 239-1400



How are we doing? Fill out our online customer satisfaction survey

at www.tceq.texas.gov/customersurvey

MINOR REVISION APPLICATION
Site Operating Permit 04123

INEOS Oligomers

INEOS Oligomers USA, LLC
Chocolate Bayou Plant
Brazoria County

TRINITY CONSULTANTS
1800 W Loop S, Ste 1000
Houston, TX 77027

April 2024

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1. PROJECT INFORMATION

INEOS OLIGOMERS USA LLC (INEOS) owns and operates the INEOS Oligomers Plant located in Alvin, Brazoria County, Texas. Facilities at the site are operated under Site Operating Permit (SOP) O4123. The purpose of this application is to revise the SOP.

The following revisions are being requested:

- ▶ Incorporate the amendment for NSR permit 136130/N250M2.

The Major NSR Summary Table for NSR Permit 136130/N250M2 is being revised in this permit action. Per the instructions in form TCEQ-20648, a revised version of the Major NSR Summary Table Word document will be provided electronically once requested by the TCEQ permit reviewer.

2. ADMINISTRATIVE FORMS

This section contains the following forms and information:

- ▶ OP-2 – Application for Permit Revision/Renewal

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1**

Date:	4/1/2024								
Permit No.:	04123								
Regulated Entity No.:	RN108783614								
Company Name:	INEOS OLIGOMERS USA LLC								
For Submissions to EPA (SOP renewal, minor revision, and significant revision application only)									
Has a copy of this application been submitted (or is being submitted) to EPA?						X	YES	NO	
I. Application Type									
Indicate the type of application:									
	Renewal	X	Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)						
	Significant Revision		Revision Requesting Prior Approval		Administrative Revision		Response to Reopening		
II. Qualification Statement									
For SOP Revisions Only		The referenced changes qualify for the marked revision type.				X	YES	NO	
For GOP Revisions Only		The permitted area continues to qualify for a GOP.					YES	NO	
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)									
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:									
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPs	Other	
Major at the site (YES/NO):	YES	YES	NO	NO	NO	NO	YES		
IV. Reference Only Requirements (For reference only)									
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?						X	YES	NO	N/A
V. Delinquent Fees and Penalties									
Notice: This form will not be processed until all delinquent fees and/or penalties owed the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.									

3. APPLICABLE REQUIREMENTS SUMMARY FORMS

This section contains the following forms and information:

- ▶ OP-REQ1 – NSR Authorizations Section: Application Area-Wide Applicability Determinations and General Information
- ▶ Major NSR Summary Table

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	4/1/2024
Permit No.:	O4123
RN No.:	RN108783614

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.: N250M2	Issuance Date: 3/22/2024	Pollutant(s): VOC, NOX	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 136130	Issuance Date: 3/22/2024	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	4/1/2024
Permit No.:	O4123
RN No.:	RN108783614

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
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PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

Major NSR Summary Table

Permit Numbers: 136130 and N250M2					Issuance Date: April 1, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
CT-1	Cooling Tower	VOC	6.76	2.96	13	13	
		Al(OH) ₃	0.17	0.07			
		PM	0.68	2.96			
		PM ₁₀	0.20	0.89			
		PM _{2.5}	<0.01	<0.01			
FUG	LAO Plant Equipment Leak Fugitives (5)	VOC	3.27	14.31	10, 11	10, 11	
		Al(OH) ₃	0.21	0.92			
		NH ₃	0.04	0.17			
		Cl ₂	<0.01	0.02			
FUG-2	PAO Plant Equipment Leak Fugitives (5)	VOC	0.32	1.40	10	10	
		NaOH	<0.01	<0.01			
T-7813A	C12 Storage Tank	VOC	0.07	—	12	12	
T-7813B	C12 Storage Tank	VOC	0.07	—	12	12	
T-7857	C12 Storage Tank	VOC	0.72	—	12	12	
T-7815A	C14 Storage Tank	VOC	<0.01	—	12	12	
T-7815B	C14 Storage Tank	VOC	<0.01	—	12	12	
T-7859	C14 Storage Tank	VOC	0.08	—	12	12	
T-7819A	C16–18 Storage Tank	VOC	<0.01	—	12	12	
T-7819B	C16–18 Storage Tank	VOC	<0.01	—	12	12	
T-7821A	C20–24 Storage Tank	VOC	<0.01	—	12	12	

Major NSR Summary Table

Permit Numbers: 136130 and N250M2					Issuance Date: April 1, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
T-7821B	C20–24 Storage Tank	VOC	<0.01	—	12	12	
T-7582A	2cST Product Rundown Tank	VOC	<0.01	—	12	12	
T-7582B	2cST Product Rundown Tank	VOC	<0.01	—	12	12	
T-7722A	2cST Product Tank	VOC	0.22	—	12	12	
T-7722B	2cST Product Tank	VOC	0.22	—	12	12	
T-7584A	4cST Product Rundown Tank	VOC	0.22	—	12	12	
T-7584B	4cST Product Rundown Tank	VOC	0.22	—	12	12	
T-7586A	6cST/8cST Product Rundown Tank	VOC	0.22	—	12	12	
T-7586B	6cST/8cST Product Rundown Tank	VOC	0.22	—	12	12	
T-7724A	4cST Product Tank	VOC	0.22	—	12	12	
T-7724B	4cST Product Tank	VOC	0.22	—	12	12	
T-7726A	6cST Product Tank	VOC	0.22	—	12	12	
T-7726B	6cST Product Tank	VOC	0.22	—	12	12	
T-7728A	8cST Product Tank	VOC	0.22	—	12	12	
T-7728B	8cST Product Tank	VOC	0.22	—	12	12	
TANK-CAP (6)	LAO and PAO Fixed Roof Tank CAP	VOC	—	0.40	12	12	
T-7729	Rework Tank	VOC	3.32	0.08	12	12	
T-7531	NaOH Storage Tank	NaOH	<0.01	<0.01	12	12	
GASTK	Gasoline Storage Tank	VOC	6.01	0.07	12	12	
DIESELTK	Diesel Storage Tank	VOC	0.13	< 0.01	12	12	
DIESELTK_2	Diesel Storage Tank No. 2	VOC	0.03	<0.01	12	12	

Major NSR Summary Table

Permit Numbers: 136130 and N250M2					Issuance Date: April 1, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
T-7823	Heavy Ends Storage	VOC	<0.01	<0.01	12	12	
T-7951	H ₂ SO ₄ Storage Tank	H ₂ SO ₄	0.05	0.02			
T-7906	CG Wash	VOC	0.08	<0.01	12	12	
T-7962	Heavy Alcohol Storage Tank	VOC	<0.01	<0.01	12	12	
MVCU	Marine Vapor Combustor — Barge Loading	VOC	2.61	0.42	6, 17, 18, 29	6, 17, 18, 29	17, 29
		NO _x	1.92	3.73			
		CO	1.66	5.06			
		PM	0.24	0.46			
		PM ₁₀	0.24	0.46			
		PM _{2.5}	0.24	0.46			
		SO ₂	0.01	0.04			
L-1	LAO Truck and Railcar Loading	VOC	6.45	—	14	14	
BARGELOAD	LAO & PAO Barge Loading	VOC	2.78	—	15	15	
L-2	PAO Truck & Rail Loading	VOC	1.46	—	14	14	
LOADCAP	LAO & PAO Annual Barge, Railcar and Truck Loading Cap (7)	VOC	—	0.47	14, 15	14, 15	
RER	Reactor Emergency Relief (Pilot gas only)	VOC	<0.01	0.02	6, 19	6, 19	
		NO _x	0.07	0.32			
		CO	0.03	0.14			
		SO ₂	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 136130 and N250M2					Issuance Date: April 1, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
THOx	PAO and LAO Thermal Oxidizer Emissions Normal Process Operation (8)	VOC	1.01	0.32	3, 6, 17, 18, 29	3, 6, 17, 18, 29	3, 17, 29
		NO _x	0.90	2.33			
		CO	0.01	3.02			
		PM	0.01	0.31			
		PM ₁₀	0.01	0.31			
		PM _{2.5}	0.01	0.31			
		SO ₂	<0.01	0.02			
THOx	PAO and LAO Thermal Oxidizer MSS Emissions	VOC	1.84	0.05	3, 6, 17, 18, 20, 22, 23, 24, 25, 29	3, 6, 17, 18, 20, 22, 23, 24, 25, 29	3, 17, 29
		NO _x	2.21	0.05			
		CO	0.01	<0.01			
		PM	0.01	<0.01			
		PM ₁₀	0.01	<0.01			
		PM _{2.5}	0.01	<0.01			
FLR-1	Elevated Flare (10)	VOC	5.90	10.69	3, 16, 17, 20, 22, 23	3, 16, 17, 20, 22, 23	3, 17
		VOC ^{MSS}	970.89				
		NO _x	3.10	9.97			
		NO _x ^{MSS}	61.37				
		CO	12.33	39.71			
		CO ^{MSS}	244.39				
		SO ₂	0.10	0.34			
		H ₂ S	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers: 136130 and N250M2					Issuance Date: April 1, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
HTR-1	Hot Oil Heater	VOC	0.49	2.15	3, 4, 6, 7, 29, 30, 31	3, 4, 6, 7, 29, 30, 31, 33	3, 4, 29, 30, 31
		NOx	3.65	7.40			
		NOx ^{MSS}	12.37				
		CO	9.53	41.72			
		PM	1.31	5.72			
		PM ₁₀	1.31	5.72			
		PM _{2.5}	1.31	5.72			
		SO ₂	0.15	0.67			
HTR-2	Heater No. 2 (10)	VOC	0.46	1.51	3, 4, 6, 7, 29, 32	3, 4, 6, 7, 29, 32, 33	3, 4, 29
		NOx	0.18	0.58			
		CO	0.73	2.38			
		PM	0.23	0.76			
		PM ₁₀	0.23	0.76			
		PM _{2.5}	0.23	0.76			
		SO ₂	0.01	0.03			

Major NSR Summary Table

Permit Numbers: 136130 and N250M2					Issuance Date: April 1, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
DIESEL-1	Diesel Generator	NOx	6.49	0.32	3, 4, 9	3, 4, 9	3, 4
		CO	0.67	0.03			
		VOC	0.13	0.01			
		SO ₂	<0.01	<0.01			
		PM	0.05	<0.01			
		PM ₁₀	0.05	<0.01			
		PM _{2.5}	0.05	<0.01			
OVEN-1	Filter Oven	VOC	0.03	0.01	6, 8	6, 8	
		NOx	0.17	0.27			
		CO	0.06	0.19			
		PM	0.04	0.03			
		PM ₁₀	0.04	0.03			
		PM _{2.5}	0.04	0.03			
		SO ₂	<0.01	<0.01			
WWT-1	Wastewater Pre-treatment	VOC	<0.01	<0.01			
MSS	MSS Emission CAP (9)	VOC	34.05	0.81	20, 22, 23, 24, 25, 26, 27, 28	20, 22, 23, 24, 25, 26, 27, 28	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1
 - IOC-U - inorganic compounds (unspeciated)
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
 - Al(OH)₃ - aluminum hydroxide
 - NH₃ - ammonia
 - HOCl - hypochlorous acid
 - Cl₂ - chlorine
 - NaOH - sodium hydroxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) LAO and PAO Fixed Roof Tank CAP, EPN Tank-CAP, Emission limit covers total emissions for the following sources: T-7813A, T-7813B, T-7857, T-7815A, T-7815B, T-7859, T-7819A, T-7819B, T-7821A, T-7821B, T-7582A, T-7582B, T-7722A, T-7722B, T-7584A, T-7584B, T-7586A, T-7586B, T-7724A, T-7724B, T-7726A, T-7726B, T-7728A, and T-7728B.
- (7) Emission limit for LAO & PAO Annual truck, rail and barge loading CAP, EPN LOADCAP, applies to total uncontrolled displacement and uncaptured (fugitive) emissions where displacement is directed to control from truck loading. Fugitive emissions are not permitted for controlled rail and barge loading displacement vapors.
- (8) PAO and LAO Thermal Oxidizer Emissions Normal Process Operation, EPN THOX, Emission limit covers total emissions for the following sources (including collateral emissions of products of combustion): T-7801, T-7802, T-7807A, T-7807B, T-7851, T-7809A, T-7809B, T-7853, T-7811A, T-7811B, T-7855, T-7712, T-7721, T-7532A and T-7533, and controlled truck and rail vessel loading at L-1 and L-2, and Process Vents from the PAO unit.
- (9) The MSS Emissions Cap, EPN MSS, includes Inherently Low Emitting Activities Identified in Special Condition 21A, which are represented at 25 lbs/hr and 0.20 tpy. These emissions shall be assumed to occur in each hour and each twelve-month period that compliance with the allowable emission rate is determined.
- (10) The Heater No. 2, EPN HTR-2, NO_x emissions are authorized at 0.55 lbs/hr until low NO_x burners are installed which shall occur not later than 6 months after the permit amendment project 335419 is issued. A 1.69 tpy NO_x limit shall apply to Heater No. 2 for a maximum of 12 months after the low NO_x burners are installed and the annual allowable for the Elevated Flare, EPN FLR-1, shall have an 11.04 tpy NO_x allowable on a rolling 12-month basis until Heater No. 2 is operating under the 0.58 tpy NO_x allowable in the Table above.

Texas Commission on Environmental Quality

Title V Existing

4123

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	INEOS OLIGOMERS CHOCOLATE BAYOU
County	BRAZORIA
Latitude (N) (##.#####)	29.231388
Longitude (W) (-###.#####)	95.199444
Primary SIC Code	0
Secondary SIC Code	
Primary NAICS Code	325110
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN108783614
What is the name of the Regulated Entity (RE)?	INEOS OLIGOMERS CHOCOLATE BAYOU
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	15916 FM RD 2004
City	ALVIN
State	TX
ZIP	77511
County	BRAZORIA
Latitude (N) (##.#####)	29.231403
Longitude (W) (-###.#####)	-95.199511
Facility NAICS Code	
What is the primary business of this entity?	CHEMICALS MANUFACTURE

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604935338
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	INEOS OLIGOMERS USA LLC
Texas SOS Filing Number	802234005
Federal Tax ID	320465850
State Franchise Tax ID	32057506126
State Sales Tax ID	
Local Tax ID	
DUNS Number	3983483
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	INEOS OLIGOMERS USA LLC
Prefix	MR
First	JOSEPH
Middle	
Last	WALTON
Suffix	
Credentials	
Title	CEO
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2600 S SHORE BLVD
Routing (such as Mail Code, Dept., or Attn:)	STE 400
City	LEAGUE CITY
State	TX
ZIP	77573
Phone (###-###-####)	2815354260
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2815354411
E-mail	joseph.walton@ineos.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JEFFREY WOLF(INEOS OLIGOMERS...)
Organization Name	INEOS OLIGOMERS USA LLC
Prefix	MR
First	JEFFREY
Middle	
Last	WOLF
Suffix	
Credentials	
Title	ASSET MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 2450
Routing (such as Mail Code, Dept., or Attn:)	
City	ALVIN
State	TX
Zip	77512
Phone (###-###-####)	2815814333
Extension	
Alternate Phone (###-###-####)	

Fax (###-###-####)

E-mail

jeffrey.wolf@ineos.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

CAREY PUGH(INEOS OLIGOMERS...)

INEOS OLIGOMERS USA LLC

MR

CAREY

PUGH

PRINCIPAL ENVIRONMENTAL SPECIALIST

Domestic

PO BOX 2450

ALVIN

TX

77512

2815813347

carey.pugh@ineos.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 13 Min 53 Sec

3) Permit Longitude Coordinate:

95 Deg 11 Min 58 Sec

4) Is this submittal a new application or an update to an existing application?

New Application

4.1. What type of permitting action are you applying for?

Streamlined Revision

4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?

No

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

INEOS SOP O4123 Minor Revision Application.pdf

Hash

B73C0F186C9C2659F757A233C91A2440F4D5EAFF8250249B25C138E52B3D919F

MIME-Type

application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Jeffrey R Wolf, the owner of the STEERS account ER053082.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that

this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 4123.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Jeffrey R Wolf OWNER OPERATOR

Account Number:	ER053082
Signature IP Address:	8.227.26.142
Signature Date:	2024-04-02
Signature Hash:	D8FC4AB47FA0A2D97E960C07F8396C2528705122350B84AD4D3AF7755F16424E
Form Hash Code at time of Signature:	98FF56F357720F924D7EF5F7F8ECD5FC3D65B25CFBB8C874E66D66B28DBAA16D

Submission

Reference Number:	The application reference number is 644429
Submitted by:	The application was submitted by ER053082/Jeffrey R Wolf
Submitted Timestamp:	The application was submitted on 2024-04-02 at 15:22:15 CDT
Submitted From:	The application was submitted from IP address 8.227.26.142
Confirmation Number:	The confirmation number is 532433
Steers Version:	The STEERS version is 6.73
Permit Number:	The permit number is 4123

Additional Information

Application Creator: This account was created by James F Wedemeier II