

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

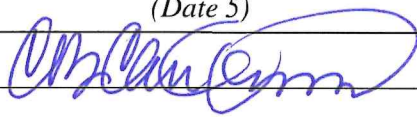
AIR PERMITS DIVISION
JUL 13 2026
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All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information	
RN: RN103919817	
CN: CN600303614	
Account No.:	
Permit No.: O2114	
Project No.: 39739	
Area Name: Olefin Units	
Company Name: Chevron Phillips Chemical Company, LP	
II. Certification Type <i>(Please mark appropriate box)</i>	
☒ Responsible Official Representative	☐ Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>	
☐ SOP/TOP Initial Permit Application	☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☒ Update to Permit Application
☐ Other: _____	

Form OP-CRO1
Certification by Responsible Official
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Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Bryan Canfield</u> certify that I am the <u>RO</u>			
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:			
<i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From _____ to _____			
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: <u>04/15/2026</u> <u>07/09/2026</u> _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	<i>(Date 3)</i>
<i>(Date 4)</i>		<i>(Date 5)</i>	
<i>(Date 6)</i>		<i>(Date 7)</i>	
Signature: 		Signature Date: <u>7/9/2026</u>	
Title: <u>EVP of Manufacturing and Projects</u>			

From: Carolyn Maus
Sent: Thursday, July 9, 2026 11:57 AM
To: 'Cromer, Colton'
Cc: CED DL Air Engineering; Kelley Oswalt; Escalante, Christine M
Subject: RE: Working Draft Permit Review -- FOP O2114/Project 39739 -- Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex
[**EXTERNAL**]

Hi Colton,

Thanks for your quick review! The OP-CRO1 looks good and I will keep an eye out for the original to come in the mail. I will get this project submitted to my QA/QC reviewer tomorrow or Saturday and then on to my team leader for approval. I do not anticipate any issues but will let you know right away if anything comes up.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

From: Cromer, Colton <cromec@cpchem.com>
Sent: Thursday, July 9, 2026 11:46 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Cc: CED DL Air Engineering <CBAirGroup@cpchem.com>; Kelley Oswalt <kelley.oswalt@trinityconsultants.com>; Escalante, Christine M <escalcm@cpchem.com>
Subject: RE: Working Draft Permit Review -- FOP O2114/Project 39739 -- Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex [**EXTERNAL**]

Carolyn – we have reviewed and approve the provided WDP for FOP O2114/Project 39739. An updated Page 88-89 of the OP-REQ1 reflecting the new issuance date is attached.

We have also attached a ‘soft copy’ of the signed OP-CRO1 regarding the required certification. The original signature hard copy of the OP-CRO1 has been sent via certified mail to the address copied below:

From: Cromer, Colton <cromec@cpchem.com>
Sent: Thursday, July 9, 2026 11:46 AM
To: Carolyn Maus
Cc: CED DL Air Engineering; Kelley Oswalt; Escalante, Christine M
Subject: RE: Working Draft Permit Review -- FOP O2114/Project 39739 -- Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex
[**EXTERNAL**]
Attachments: O2114 OP-REQ1 2026.07.09.pdf; O2114 OP-CRO1 2026.07.09 Signed.pdf

Carolyn – we have reviewed and approve the provided WDP for FOP O2114/Project 39739. An updated Page 88-89 of the OP-REQ1 reflecting the new issuance date is attached.

We have also attached a ‘soft copy’ of the signed OP-CRO1 regarding the required certification. The original signature hard copy of the OP-CRO1 has been sent via certified mail to the address copied below:

Attn: Carolyn Maus
Texas Commission on Environmental Quality
Operating Permits Section (OPS), MC 163
P.O. Box 13087, Austin, Texas 78711-3087

Thanks for the quick turn-around. If there is anything you need to expedite any of the next steps on our end, please let us know.

Colton Cromer

Environmental – Air Team Supervisor

Direct: 281.421.6741
Cell: 832.784.5916

Chevron Phillips Chemical
Cedar Bayou Plant
9500 I-10 East, Exit 796
Baytown, TX 77521-9570

This message is subject to [disclaimers](#).

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, July 8, 2026 10:40 PM
To: CED DL Air Engineering <CBAirGroup@cpchem.com>; Kelley Oswalt <kelley.oswalt@trinityconsultants.com>
Subject: Working Draft Permit Review -- FOP O2114/Project 39739 -- Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex [**EXTERNAL**]

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
07/09/2026	O2114	RN103919817

For SOP applications, answer ALL questions unless otherwise directed.

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

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX748M2	06/30/2026				
GHGPSDTX9	06/30/2026				

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.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N148M3	06/30/2026				
N178M2	09/30/2024				
N224	09/28/2023				

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.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
07/09/2026	O2114	RN103919817

For SOP applications, answer ALL questions unless otherwise directed.

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

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **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.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
1504A	06/30/2026	135086	09/28/2023		
37063	09/30/2024	163274	12/09/2020		
83791	09/28/2023	169895	05/02/2023		
120563	06/20/2023	171826	03/15/2023		

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

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.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
60	04/04/1975	106.473	03/14/1997		
106.261	11/01/2003	106.473	09/04/2000		
106.262	11/01/2003	106.476	09/04/2000		
106.263	11/01/2001	106.478	09/04/2000		
106.355	11/01/2001	106.511	09/04/2000		
106.371	09/04/2000				
106.454	11/01/2001				
106.472	09/04/2000				

- ◆ **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

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Texas Commission on Environmental Quality

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I. Identifying Information
RN: RN103919817
CN: CN600303614
Account No.:
Permit No.: O2114
Project No.: 39739
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Company Name: Chevron Phillips Chemical Company, LP
II. Certification Type <i>(Please mark appropriate box)</i>
☒ Responsible Official Representative ☐ Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
☐ SOP/TOP Initial Permit Application ☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application ☒ Update to Permit Application
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IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, Bryan Canfield certify that I am the RO
(Certifier Name printed or typed) (RO or DAR)

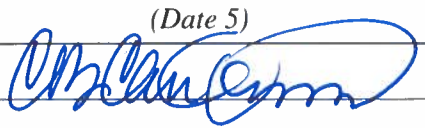
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From _____ to _____
(Start Date) (End Date)

Specific Dates: 04/15/2026 07/09/2026
(Date 1) (Date 2) (Date 3) (Date 4)

(Date 5) (Date 6)

Signature:  Signature Date: 7/9/2026

Title: EVP of Manufacturing and Projects

From: Carolyn Maus
Sent: Wednesday, July 8, 2026 10:40 PM
To: CBAirGroup@cpchem.com; Kelley Oswalt
Subject: Working Draft Permit Review -- FOP O2114/Project 39739 -- Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Good evening, Colton and Kelley,

I have conducted a technical review of the significant revision application for Chevron Phillips Chemical Company, LP, Cedar Bayou Chemical Complex, Olefin Units. I have created an electronic copy of the Working Draft Permit (WDP). This permit is too large to attach to email so it is available on our TCEQ Send webpage (replaced our FTP server) – access information is provided below. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Here are the changes that have been made:

1. Updated PSDTX748M1 to PSDTX748M2 in areawide list and for all affected emission units.
2. Updated N148M2 to N148M3 in areawide list and for all affected emission units.
3. Updated issuance dates for GHGPSDTX9, PSDTX748M2, N148M3 and 1504A to 06/30/2026.
4. Updated Major NSR Summary Table for 1504A/PSDTX748M2/N148M3 to reflect new issuance date, footnote changes, and emission rate changes.
5. Updated Major NSR Summary Table for GHGPSDTX9 to reflect new issuance date, footnote changes, and emission rate changes.

The WDP is available via the TCEQ Send webpage. These [instructions](#) explain how to use this system. I have shared the WDP with Colton Cromer (via cromec@cpchem.com address) and Kelley Oswalt there, so you both should receive an email notification from the system. The notification email includes a link from which you will authenticate and then may access the file. The file will remain there for 7 days (available until 07/15/2026) so please save the file to another location for your work. You are welcome to pass the file along to anyone who needs it. If you need to submit comments or other mark-ups on the document itself, you may send it back to me via the TCEQ Send page, or you can submit a smaller portion of the document via email.

Please review the WDP and submit to me any comments you have on the working draft permit by **Friday, July 17, 2026**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. **Also, please provide updated pages 88-89 of Form OP-REQ1 to list the 06/30/2026 issuance date for GHGPSDTX9, PSDTX748M2, N148M3 and 1504A.** If you would like to certify that response as well as your April 15, 2026 submittal, you can upload both items in STEERS, or you can upload an OP-CRO1 covering the submittal dates. On the other hand, if you have additional comments and want to wait until they are resolved, you can certify later.

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_factsheet.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,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

From: Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Sent: Tuesday, July 7, 2026 5:04 PM
To: Carolyn Maus
Subject: Automatic reply: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex
[**EXTERNAL**]

I am currently traveling for work and have limited access to email. I will return to the office on Thursday 7/9/2026.

~Kelley Oswalt

From: Carolyn Maus
Sent: Tuesday, July 7, 2026 5:04 PM
To: 'Kelley Oswalt'; Cromer, Colton
Cc: CED DL Air Engineering
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex [**EXTERNAL**]

Hi Kelley,

Apologies for the delay in my response – I had to take a short trip earlier in the month unexpectedly and then we have had a lot of expedited projects all moving at once. Elizabeth mentioned you had spoken with her about the project status. I will be sending you the WDP for this project this week. I'll send you and Colton the WDP email, and then the actual WDP will go out to you both over the FTP server due to the file size. I will have all the supporting documents ready to go so once you all approve the draft, I can send the public notice package through QA/QC and team leader review right away.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

From: Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Sent: Monday, June 29, 2026 1:55 PM
To: Cromer, Colton <cromec@cpchem.com>; Carolyn Maus <carolyn.maus@tceq.texas.gov>
Cc: CED DL Air Engineering <CBAirGroup@cpchem.com>
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex [**EXTERNAL**]

Hi Carolyn,

I wanted to let you know that Chevron Phillips is expecting the NSR project 385401 to be issued this week and would like to go to public notice for the Title V as quickly as possible after the NSR issuance. When do you expect to provide a draft permit for our review?

Thanks!

Kelley Oswalt
Senior Consultant
Trinity Consultants
512-693-4191 (office)

From: Cromer, Colton <cromec@cpchem.com>
Sent: Wednesday, June 24, 2026 3:26 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>; Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Cc: CED DL Air Engineering <CBAirGroup@cpchem.com>
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex [**EXTERNAL**]

Carolyn – with the issuance received on Project 38969 today, CPChem has also been under the impression that the NSR Project 385401 may be nearing issuance.

Have you made any progress on the WDP for the significant revision or need anything else from CPChem to assist? 😊

Colton Cromer
Environmental - Air Team Supervisor

Direct: 281.421.6741
Mobile: 832.784.5916
Personal: 713.822.7985
Email: cromec@cpchem.com

Cedar Bayou Plant
Chevron Phillips Chemical Company LP
9500 I-10 East, Exit 796
Baytown, TX 77521-9570

Performance by design. Caring by choice.™
This message is subject to [disclaimers](#).

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Thursday, May 28, 2026 3:50 PM
To: Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Cc: Cromer, Colton <cromec@cpchem.com>; CED DL Air Engineering <CBAirGroup@cpchem.com>
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex [**EXTERNAL**]

Hi Kelley,

From: Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Sent: Thursday, May 28, 2026 3:54 PM
To: Carolyn Maus
Cc: Cromer, Colton; cbaigroup@cpchem.com
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Sounds like a good plan! Thanks Carolyn!

Kelley Oswalt
Senior Consultant
Trinity Consultants
512-693-4191 (office)

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Thursday, May 28, 2026 3:50 PM
To: Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Cc: Cromer, Colton <cromec@cpchem.com>; cbairgroup@cpchem.com
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Hi Kelley,

Thanks for the update – I also just saw that earlier this week. The FOP minor revision project ends public announcement today and should end EPA review on June 12. I'll try to get you all the WDP for the significant revision in that window so you can start your review – it will just have a "TBD" in the NSR issuance date spaces. That way we can keep moving the significant revision and at least get everything tentatively approved while waiting NSR completion.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

From: Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>
Sent: Thursday, May 28, 2026 2:50 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Cc: Cromer, Colton <cromec@cpchem.com>; cbairgroup@cpchem.com
Subject: RE: Technical Review -- FOP 02114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Hi Carolyn,

We just wanted to let you know that the RTC for the NSR project 385401 has gone to legal for review last week. I think that means the NSR permit is getting closer to issuance.

We believe the comments won't cause any changes to the NSR permit, therefore, the MNSR table info we sent earlier should be good to use. If there is anything else you might need for the significant revision project, let us know.

Thanks!

Kelley Oswalt
Senior Consultant
Trinity Consultants
512-693-4191 (office)

From: Kelley Oswalt <kelley.oswalt@trinityconsultants.com>
Sent: Friday, April 17, 2026 9:44 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>; cbairgroup@cpchem.com
Cc: Cromer, Colton <cromec@cpchem.com>
Subject: RE: Technical Review -- FOP 02114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Hi Carolyn,

Understood. Thanks for the update.

Kelley Oswalt
Senior Consultant
Trinity Consultants
512-693-4191 (office)

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Thursday, April 16, 2026 2:36 PM
To: Kelley Oswalt <kelley.oswalt@trinityconsultants.com>; cbairgroup@cpchem.com
Cc: Cromer, Colton <cromec@cpchem.com>
Subject: RE: Technical Review -- FOP 02114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Hi again,

I was notified that public comments were received this week on the NSR project (385401) and therefore I have to move forward with the Title V minor revision first. I will be sending that through our management review so we can get public announcement & EPA review started. That will tentatively be on April 28, putting projected issuance of the minor revision on June 24, 2026.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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From: Carolyn Maus
Sent: Wednesday, April 15, 2026 11:29 AM
To: 'Kelley Oswalt' <kelley.oswalt@trinityconsultants.com>; cbairgroup@cpchem.com
Cc: Cromer, Colton <cromec@cpchem.com>
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Hi Kelley,

Thanks for putting this together early. I will start looking over the table. As I mentioned in our phone call last week, I agree it makes sense with the way the timing has progressed to combine the two revisions, as long as the NSR project does not receive public comments. I am just waiting on my management to approve that approach at their meeting tomorrow before sending you that confirmation.

Sincerely,

Carolyn Maus, P.E.

Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
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From: Kelley Oswalt <kelly.oswalt@trinityconsultants.com>
Sent: Wednesday, April 15, 2026 10:09 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>; cbaingroup@cpchem.com
Cc: Cromer, Colton <cromec@cpchem.com>
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Hi Carolyn,

Since the TV project 38969 hasn't gone to public announcement yet, we would like to combine it with this significant revision project. The NSR permit 1504A (project 385401) is currently in 2nd public notice with a potential issuance of middle of May.

From: Kelley Oswalt <kelley.oswalt@trinityconsultants.com>
Sent: Wednesday, April 15, 2026 10:09 AM
To: Carolyn Maus; cbairgroup@cpchem.com
Cc: Cromer, Colton
Subject: RE: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex
Attachments: MNSR 1504A 2026-05xx.pdf

Hi Carolyn,

Since the TV project 38969 hasn't gone to public announcement yet, we would like to combine it with this significant revision project. The NSR permit 1504A (project 385401) is currently in 2nd public notice with a potential issuance of middle of May.

We went ahead and put together the updated Major NSR Summary table based on the draft MAERT and Conditions for your review. There were changes to the conditions 7, 8, 10, and 14 as part of this NSR project, but the changes didn't impact the MNSR table. Please see attached.

Let us know if you have any questions or need anything else from us at this time.

Thanks!

Kelley Oswalt
Senior Consultant
Trinity Consultants
512-693-4191 (office)

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Saturday, February 28, 2026 8:23 PM
To: cbairgroup@cpchem.com
Cc: Kelley Oswalt <kelley.oswalt@trinityconsultants.com>
Subject: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Good evening,

I have been assigned to the Federal Operating Permit (FOP) significant revision application of Permit No. O2114 for Chevron Phillips Chemical Company, LP, Cedar Bayou Chemical Complex, Olefin Units. This application has been assigned Project No. 39739. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the Permit and Project reference numbers above to facilitate tracking. I have begun technical review and will inform you if I have further questions or need any updated forms.

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-01A	Cracking Furnace BA-101	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-01B	Cracking Furnace BA-102	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-02A	Cracking Furnace BA-103	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-02B	Cracking Furnace BA-104	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NO _x	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-03A	Cracking Furnace BA-105	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NO _x	24.88	20.50			
		PM	1.85	6.11			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-03B	Cracking Furnace BA-106	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NO _x	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-04A	Cracking Furnace BA-107	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-04B	Cracking Furnace BA-108	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-05A	Cracking Furnace BA-109	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NO _x	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-05B	Cracking Furnace BA-110	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NO _x	24.88	20.50			
		PM	1.85	6.11			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-06A	Cracking Furnace BA-111	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NO _x	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-06B	Cracking Furnace BA-112	CO	20.49	33.76	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	24.88	20.50			
		PM	1.85	6.11			
		PM ₁₀	1.85	6.11			
		PM _{2.5}	1.85	6.11			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.15	0.48			
		VOC	1.34	4.42			
		NH ₃	1.08	3.57			
1592-07	Cracking Furnace BA-113	CO	18.76	32.19	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	36.52			
		NOx	22.78	19.55			
		PM	1.70	5.83			
		PM ₁₀	1.70	5.83			
		PM _{2.5}	1.70	5.83			
		PM (5)	3.50	1.75			
		PM ₁₀ (5)	3.50	1.75			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM _{2.5} (5)	3.50	1.75			
		SO ₂	0.13	0.46			
		VOC	1.23	4.22			
		NH ₃	0.99	3.40			
1592-38	Cracking Furnace BA-117	CO	18.43	36.03	5, 10, 11, 13, 18, 19, 31	5, 10, 11, 13, 18, 19, 31	5, 11, 18, 19
		CO (5)	73.03	54.77			
		NO _x	13.43	52.51			
		PM	1.67	6.52			
		PM ₁₀	1.67	6.52			
		PM _{2.5}	1.67	6.52			
		PM (5)	3.50	2.63			
		PM ₁₀ (5)	3.50	2.63			
		PM _{2.5} (5)	3.50	2.63			
		SO ₂	0.13	0.51			
		VOC	1.21	4.72			
1592-10	Boilers BF-801A and BF-801B	CO	115.73	264.87	5, 10, 12, 18, 21, 37, 38	5, 10, 12, 18, 21, 37, 38	5, 18, 21, 37
		NO _x	118.04	280.63			
		PM	53.41	154.86			
		PM ₁₀	53.41	154.86			
		PM _{2.5}	53.41	154.86			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
	Boilers BF-801A and BF-801B MSS	SO ₂	336.52	975.78			
		VOC	7.58	17.34			
		NO _x	240.00	---			
		CO	259.23	---			
1592-11	Boiler BF-801C	CO	57.86	132.44	5, 10, 12, 18, 21, 37, 38	5, 10, 12, 18, 21, 37, 38	5, 18, 21, 37
		NO _x	59.02	140.31			
		PM	26.71	77.43			
		PM ₁₀	26.71	77.43			
		PM _{2.5}	26.71	77.43			
		SO ₂	168.29	488.02			
		VOC	3.79	8.67			
	Boiler BF-801C MSS	NO _x	120.00	---			
		CO	129.61	---			
1592-12	Furnace BA-651	CO	4.18	18.31	5	5	5
		NO _x	3.05	8.00			
		PM	0.38	1.66			
		PM ₁₀	0.38	1.66			
		PM _{2.5}	0.38	1.66			
		SO ₂	0.03	0.13			
		VOC	0.27	1.20			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-13	Furnace BA-401	CO	2.68	1.54	5	5	5
		NOx	3.25	2.25			
		PM	0.24	0.14			
		PM ₁₀	0.24	0.14			
		PM _{2.5}	0.24	0.14			
		SO ₂	0.02	0.01			
		VOC	0.18	0.10			
1592-16	Flare CB-701 – Routine Emissions	CO	2098.94	---	3, 4, 5, 11, 14, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 57	3, 4, 5, 9, 11, 14, 42, 44, 45, 47, 48, 52, 58	3, 4, 5, 9, 11, 14, 52
		NOx	407.44	---			
		VOC	3145.35	---			
		SO ₂	2.22	---			
		H ₂ S	0.02	---			
	MSS Emissions Maintenance	CO	2151.16	---			
		NOx	436.68	---			
		VOC	3099.79	---			
		SO ₂	66.33	---			
		H ₂ S	0.70	---			
	Routine and MSS Annual Emissions Cap	CO	---	107.68			
		NOx	---	24.83			
		VOC	---	70.38			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		SO ₂	---	0.22			
		H ₂ S	---	0.01			
1592-18	Vent FG-401 Maintenance	CO	35.00	2.10	5, 39	5, 39	5
		NO _x	0.08	0.01			
		PM	0.01	0.01			
		PM ₁₀	0.01	0.01			
		PM _{2.5}	0.01	0.01			
		VOC	11.70	0.70			
		SO ₂	0.34	0.02			
1592-18A	Vent FG-652 Maintenance	CO	160.00	15.36	5, 39	5, 39	5
		NO _x	0.08	0.01			
		PM	0.01	0.01			
		PM ₁₀	0.01	0.01			
		PM _{2.5}	0.01	0.01			
		VOC	11.70	1.12			
		SO ₂	0.34	0.03			
1592-19	HAD Tank FB-701	VOC	0.20	0.08	28, 29	28, 29	
1592-20	Wastewater Tank FB-702	VOC	2.17	0.59	28, 29	28, 29	
1592-21	Methanol Tank FB-402	VOC	26.77	0.18	28, 29	28, 29	
1592-22	HPG Tank FB-704A	VOC	0.33	0.66	28, 29	28, 29	

Major NSR Summary Table

Permit Numbers: 1504A, <u>PSDTX748M1</u> <u>PSDTX748M2</u> , and <u>N148M2</u> <u>N148M3</u>					Issuance Date: <u>August 29, 2025</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (<u>87</u>)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-22A	HPG/RPG Tank FB-704B	VOC	1.04	2.75	28, 29, 30	28, 29, 30	
1592-24	HPFO Tank FB-705	VOC	11.47	5.73	28, 29	28, 29	
1592-25	LPFO Tank FB-712	VOC	4.54	2.01	28, 29	28, 29	
1592-26	Spent Caustic Tank FB-706	VOC	0.13	0.29	28, 29	28, 29	
1592-27	Heavy Slop Oil Tank FB-707	VOC	3.88	0.23	28, 29	28, 29	
1592-28	HAD/Wash Oil Tank FB-710	VOC	3.77	0.26	28, 29, 30	28, 29, 30	
1592-31	Process Area Fugitives (4)	VOC	14.12	61.52	5, 22, 23, 29	5, 22, 23, 29	5, 22, 23
1592-32	Wastewater Tank FB-862	VOC	0.65	0.72	3, 4, 5, 28, 29	3, 4, 5, 28, 29	3, 4, 5
1592-33A	WW/Slop Oil Emulsion Tank FB-892A	VOC	19.78	0.11	28, 29	28, 29	
L1592-33A	Loading Slop Oil Tank FB-	VOC	4.65	0.15	28, 29	28, 29	
1592-33B	Slop Oil Tank FB-892B	VOC	0.52	0.41	3, 4, 5, 28, 29	3, 4, 5, 28, 29	3, 4, 5
1592-33C	Slop Oil Tank FB-892C	VOC	0.52	0.41	3, 4, 5, 28, 29	3, 4, 5, 28, 29	3, 4, 5
1592-36A	Tank Compressor Lube Oil	VOC	0.13	0.55	28, 29	28, 29	
1592-36B	Tank Compressor Lube Oil	VOC	0.43	1.88	28, 29	28, 29	
1592-40	Flare CB-710 – Routine Emissions	VOC	31.56	---	3, 4, 5, 11, 14, 41, 42, 43, 44, 45, 46, 47, 48, 49, 52, 53, 54, 55, 56, 57	3, 4, 5, 9, 11, 14, 42, 44, 45, 47, 48, 52, 58	3, 4, 5, 9, 11, 14
		NOx	6.83	---			
		CO	35.13	---			
		SO ₂	0.05	---			
		VOC	133.82	---			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
	MSS Emissions	NOx	19.29	---			
		CO	99.36	---			
	Routine and MSS Annual Emissions Cap	VOC	---	2.59			
		NOx	---	2.91			
		CO	---	14.9			
		SO ₂	---	0.16			
1592-41	Cooling Tower EF-751	VOC	6.17	16.83	25, 26	25, 26	25, 26
		PM	3.68	8.05			
		PM ₁₀	3.68	8.05			
		PM _{2.5}	1.08	3.30			
L-103	Loading Trucks/Rail-103	VOC	2.01	0.95	27	27	27
L-1592-24	Loading Trucks FB-705	VOC	7.46	4.66			
L-1592-25	Loading Trucks FB-712	VOC	3.18	3.70			
F-160	Utilities Area Fugitives (4)	VOC	0.31	1.34	22, 23	22, 23	22, 23
90	Tank (HAD)-103	VOC	0.08	0.08	28, 29	28, 29	
149	Tank (RPG) FB-703	VOC	1.81	3.83	28, 29	28, 29	
1592-48	Wastewater Tank FB-918	VOC	1.85	0.53	3, 4, 5, 28, 29	3, 4, 5, 28, 29	3, 4, 5
1592-49	Wastewater Tank FB-930	VOC	0.69	0.51	3, 4, 5, 28, 29	3, 4, 5, 28, 29	3, 4, 5
1592-50	Wastewater Tank FB-204	VOC	8.08	0.18	28, 29	28, 29	
1592-WWTP	WWTP Equipment	VOC	3.63	4.50	4	4	4

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-56	Firewater Pump P-111B	VOC	0.26	0.12	3, 5	3, 5	3, 5
		NOx	3.60	1.58			
		CO	1.50	0.66			
		SO ₂	2.00	0.87			
		PM	0.14	0.06			
		PM ₁₀	0.14	0.06			
		PM _{2.5}	0.14	0.06			
1592-57	Firewater Pump GA-809	VOC	0.63	0.28	3, 5	3, 5	3, 5
		NOx	7.91	3.46			
		CO	1.70	0.75			
		SO ₂	0.52	0.23			
		PM	0.56	0.25			
		PM ₁₀	0.56	0.25			
		PM _{2.5}	0.56	0.25			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
1592-58	Electric Generator GE-800	VOC	1.06	0.47	3, 5	3, 5	3, 5
		NOx	13.33	5.84			
		CO	2.87	1.26			
		SO ₂	0.88	0.39			
		PM	0.95	0.41			
		PM ₁₀	0.95	0.41			
		PM _{2.5}	0.95	0.41			
1592-59	Firewater Pump PU-752	VOC	0.48	0.21	3, 5	3, 5	3, 5
		NOx	18.00	7.88			
		CO	4.13	1.81			
		SO ₂	0.30	0.13			
		PM	0.53	0.23			
		PM ₁₀	0.53	0.23			
		PM _{2.5}	0.53	0.23			
1592-60	Stormwater Pump GA-920A	VOC	0.57	0.25	3, 5	3, 5	3, 5
		NOx	7.13	3.12			
		CO	1.54	0.67			
		SO ₂	0.47	0.21			
		PM	0.51	0.22			
		PM ₁₀	0.51	0.22			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM _{2.5}	0.51	0.22			
1592-61	Stormwater Pump GA-920B	VOC	0.57	0.25	3, 5	3, 5	3, 5
		NO _x	7.13	3.12			
		CO	1.54	0.67			
		SO ₂	0.47	0.21			
		PM	0.51	0.22			
		PM ₁₀	0.51	0.22			
		PM _{2.5}	0.51	0.22			
1592-62	Stormwater Pump GA-912A	VOC	0.57	0.25	3, 5	3, 5	3, 5
		NO _x	7.13	3.12			
		CO	1.54	0.67			
		SO ₂	0.47	0.21			
		PM	0.51	0.22			
		PM ₁₀	0.51	0.22			
		PM _{2.5}	0.51	0.22			
1592-63	Stormwater Pump GA-912B	VOC	0.57	0.25	3, 5	3, 5	3, 5
		NO _x	7.13	3.12			
		CO	1.54	0.67			
		SO ₂	0.47	0.21			
		PM	0.51	0.22			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	0.51	0.22			
		PM _{2.5}	0.51	0.22			
1592-64	Lube Oil Tank	VOC	0.06	0.01	28, 29	28, 29	
1592-65	GA912 DTK Diesel Tank	VOC	0.05	0.01	28, 29	28, 29	
1592-66	FB-920 Diesel Tank	VOC	0.05	0.01	28, 29	28, 29	
1592-67	GE800DTK Diesel Tank	VOC	0.05	0.01	28, 29	28, 29	
1592-68	GE809DTK Diesel Tank	VOC	0.01	0.01	28, 29	28, 29	
1592-69	VE-752 Diesel Tank	VOC	0.04	0.01	28, 29	28, 29	
1592-70	Tank No. FB-450	VOC	1.94	0.01	28, 29	28, 29	
1592-71	Spent Caustic Sump	VOC	1.48	0.17			
1592-72	Butadiene Feedstock Pump	VOC	0.02	0.02	15, 16	15, 16	15
1592ANAL	Analyzer Vents	VOC	0.06	0.25			
F-MSSEU	MSS Fugitive Emissions	VOC	5.00	0.75	32, 33, 34, 35, 36	32, 33, 34, 35, 36	32, 33, 34
		PM	0.02	0.01			
		PM ₁₀	0.02	0.01			
		PM _{2.5}	0.02	0.01			
H-101	Cracking Furnace H-101	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NOx	12.50	---			
		NOx (6)	24.38	---			
		PM	3.73	---			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			
		NH ₃	2.34	---			
H-102	Cracking Furnace H-102	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NO _x	12.50	---			
		NO _x (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			
		NH ₃	2.34	---			
H-103	Cracking Furnace H-103	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NO _x	12.50	---			
		NO _x (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			

Major NSR Summary Table

Permit Numbers: 1504A, <u>PSDTX748M1</u> <u>PSDTX748M2</u> , and <u>N148M2</u> <u>N148M3</u>					Issuance Date: August 29, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		SO ₂	2.80	---			
		VOC	2.70	---			
		NH ₃	2.34	---			
H-104	Cracking Furnace H-104	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NO _x	12.50	---			
		NO _x (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			
H-105	Cracking Furnace H-105	NH ₃	2.34	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		CO	146.22	---			
		NO _x	12.50	---			
		NO _x (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		NH ₃	2.34	---			
H-106	Cracking Furnace H-106	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NO _x	12.50	---			
		NO _x (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			
		NH ₃	2.34	---			
H-107	Cracking Furnace H-107	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NO _x	12.50	---			
		NO _x (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			
		NH ₃	2.34	---			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
H-108	Cracking Furnace H-108	CO	146.22	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		NOx	12.50	---			
		NOx (6)	24.38	---			
		PM	3.73	---			
		PM ₁₀	3.73	---			
		PM _{2.5}	3.73	---			
		SO ₂	2.80	---			
		VOC	2.70	---			
		NH ₃	2.34	---			
H-109	Cracking Furnace H-109	CO	27.42	---	5, 10, 11, 13, 18, 19, 20, 31	5, 8, 10, 11, 13, 18, 19, 20, 31	5, 8, 11, 18, 19, 20
		CO (~~76~~)	219.34	---			
		NOx	11.25	---			
		NOx (~~76~~)	33.75	---			
		PM	5.59	---			
		PM ₁₀	5.59	---			
		PM _{2.5}	5.59	---			
		SO ₂	4.20	---			
		VOC	4.04	---			
		NH ₃	4.76	---			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PK-830	VHP Boiler PK-830	CO	153.54	---	3, 5, 10, 11, 13, 18, 19, 20, 31	3, 5, 8, 10, 11, 13, 18, 19, 20, 31	3, 5, 8, 11, 18, 19, 20
		NOx	13.13	---			
		NOx (6)	34.13	---			
		PM	3.91	---			
		PM ₁₀	3.91	---			
		PM _{2.5}	3.91	---			
		SO ₂	2.94	---			
		VOC	3.18	---			
		NH ₃	2.45	---			
Total emissions for the following EPNs:							
H-101 H-102 H-103 H-104 H-105 H-106 H-107 H-108 H-109 PK-830	Cracking Furnaces and HP Boiler Annual Emission Cap	CO	---	664.76	3, 5, 10, 11, 13, 18, 19, 20, 31	3, 5, 8, 10, 11, 13, 18, 19, 20, 31	3, 5, 8, 11, 18, 19, 20
		NOx	---	~~192.39~~ <u>209.04</u>			
		SO ₂	---	29.60			
		PM	---	89.49			
		PM ₁₀	---	89.49			
		PM _{2.5}	---	89.49			
		VOC	---	64.99			
		NH ₃	---	102.56			
PK-840	Cooling Tower EU 1594	VOC	7.77	8.35	25, 26	7, 25, 26	7, 25, 26
		PM	2.31	5.07			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	2.31	5.07			
		PM _{2.5}	0.69	2.08			
PK-905	EU 1594 Flare PK-905 Routine and Maintenance	VOC	1505.84	---	3, 4, 5, 11, 14	3, 4, 5, 7, 9, 11, 14	3, 4, 5, 7, 9, 11, 14
		NO _x	405.69	---			
		CO	1616.00	---			
		SO ₂	12.83	---			
		H ₂ S	0.14	---			
PK-905	EU 1594 Flare PK-905 Startup/Shutdown	VOC	6,428.09	---	3, 4, 5, 11, 14	3, 4, 5, 7, 9, 11, 14	3, 4, 5, 7, 9, 11, 14
		NO _x	2,497.52	---			
		CO	9,946.64	---			
		SO ₂	12.83	---			
		H ₂ S	0.14	---			
PK-905	EU 1594 Flare PK-905 Annual Emissions Cap	VOC	---	~~115.00~~ <u>157.42</u>	3, 4, 5, 11, 14	3, 4, 5, 7, 9, 11, 14	3, 4, 5, 7, 9, 11, 14
		NO _x	---	~~58.72~~ <u>83.69</u>			
		CO	---	~~254.27~~ <u>354.67</u>			
		SO ₂	---	~~7.87~~ <u>17.23</u>			
		H ₂ S	---	~~0.09~~ <u>0.19</u>			
PK-906	EU 1594 VDU	VOC	7.14	0.88	5	5	5
		NO _x	4.32	3.13			
		CO	8.64	6.25			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		SO ₂	0.08	0.06			
		PM	0.21	0.16			
		PM ₁₀	0.21	0.16			
		PM _{2.5}	0.21	0.16			
F-1594	EU 1594 Process Area Fugitives (4)	VOC	6.11	26.76	3, 4, 5, 24	3, 4, 5, 24	3, 4, 5, 24
		NH ₃	0.12	0.53			
F-1595	PU 1595 Process Area Fugitives (4)	VOC	0.41	1.79	3, 4, 5, 24	3, 4, 5, 24	3, 4, 5, 24
WWT-1594	Wastewater Treatment	VOC	3.86	1.11	4, 5	4, 5	4, 5
TK-937	EU 1594 Stormwater Tank	VOC	4.19	2.68	28, 29	28, 29	
FMSSEU1594	EU 1594 Equipment Opening	VOC	125.50	1.50	32, 33, 34, 35, 36	32, 33, 34, 35, 36	32, 33, 34
		PM	0.02	0.01			
		PM ₁₀	0.02	0.01			
		PM _{2.5}	0.02	0.01			
FMSSPU1595	PU 1595 Equipment	VOC	124.50	1.00	32, 33, 34, 35, 36	32, 33, 34, 35, 36	32, 33, 34
CAT-1595	PU 1595 Catalyst Handling	PM	0.09	0.01			
		PM ₁₀	0.04	0.01			
		PM _{2.5}	0.04	0.01			
	EU 1594 Emergency Generators	VOC	4.68	0.12	3, 5	3, 5	3, 5
		NO _x	55.13	1.43			

Major NSR Summary Table

Permit Numbers: 1504A, ~~PSDTX748M1~~ <u>PSDTX748M2</u> , and ~~N148M2~~ <u>N148M3</u>					Issuance Date: ~~August 29, 2025~~		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (~~87~~)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PK-871 PK-872 PK-873		CO	33.41	0.87			
		SO ₂	0.03	0.01			
		PM	1.91	0.05			
		PM ₁₀	1.91	0.05			
		PM _{2.5}	1.91	0.05			
EMGEN-1	Emergency Engine	VOC	4.41	0.11	3, 5, 17	3, 5, 17	3, 5
		NO _x	4.41	0.11			
		CO	3.86	0.10			
		SO ₂	0.01	0.01			
		PM	0.22	0.01			
		PM ₁₀	0.22	0.01			
		PM _{2.5}	0.22	0.01			
TK-871 TK-872 TK-873	Diesel Tanks	VOC	0.59	0.01	28, 29	28, 29	

(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)
- CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - 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

~~COH₂S~~ - ~~carbon monoxide~~hydrogen sulfide

(4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(5) Decoking emissions (maintenance) for furnaces BA-101 through BA-113 and BA-117.

~~(6) Decoking, hot standby, startup, and shutdown (i.e. non-routine operation) for furnaces H-101 through H-108 and Boiler PK-830.~~

~~(7)(6) Decoking, hot standby, furnace startup, and furnace shutdown (i.e. non-routine operation) emissions for furnace H-109.~~Planned startup and shutdown, and non-routine operation as defined in Special Condition No. 10.D for Furnaces H-101 through H-109 and Boiler PK-830.

~~(8)(7)~~ Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

From: Carolyn Maus
Sent: Saturday, February 28, 2026 8:23 PM
To: cbairgroup@cpchem.com
Cc: Kelley Oswalt
Subject: Technical Review -- FOP O2114/Project 39739, Chevron Phillips Chemical Company, LP/Cedar Bayou Chemical Complex

Good evening,

I have been assigned to the Federal Operating Permit (FOP) significant revision application of Permit No. O2114 for Chevron Phillips Chemical Company, LP, Cedar Bayou Chemical Complex, Olefin Units. This application has been assigned Project No. 39739. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the Permit and Project reference numbers above to facilitate tracking. I have begun technical review and will inform you if I have further questions or need any updated forms.

Since this significant revision involves the pending amendment (NSR project 385401) for NSR permit 1504A, we will have to wait until that action is complete to proceed. (We will need the finalized NSR Special Conditions and MAERT in order to update the Major NSR Summary Table. We also cannot go to Title V public notice until that NSR action is issued, and the NSR action also has to go through another notice period itself.) Therefore, my management has determined it will be most efficient to move the open Title V minor revision (project 38969) forward first. I have sent the WDP for that project in a separate email. I will be in communication with the NSR reviewer regarding the NSR status so that we are able to work on the significant revision as soon as possible. We can begin that work even if the minor revision is still in public announcement/EPA review at that time.

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. This form will be requested at a later date.

If you choose to submit your application updates through STEERS, please notify me when these updates have been submitted.

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.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,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

Steven Piper

From: eNotice TCEQ
Sent: Thursday, January 29, 2026 12:41 PM
To: Brandon.Creighton@senate.texas.gov; Briscoe.cain@house.texas.gov
Subject: TCEQ Notice - Permit Number O2114
Attachments: TCEQ Notice - O2114_39739.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Rhyan Stone with the Air Permits Division at (512) 239-1293.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 29, 2026

THE HONORABLE BRANDON CREIGHTON
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 39739
Permit Number: O2114
Chevron Phillips Chemical Company, LP
Olefin Units
Baytown, Harris County
Regulated Entity Number: RN103919817
Customer Reference Number: CN600303614

Dear Senator Creighton:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.938611,29.813055&level=13>.

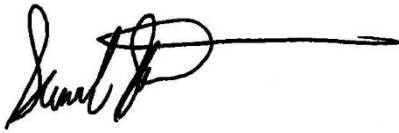
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Brandon Creighton
Page 2
January 29, 2026

Re: Accepted Federal Operating Permit Significant Revision Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 29, 2026

THE HONORABLE BRISCOE CAIN
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 39739
Permit Number: O2114
Chevron Phillips Chemical Company, LP
Olefin Units
Baytown, Harris County
Regulated Entity Number: RN103919817
Customer Reference Number: CN600303614

Dear Representative Cain:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.938611,29.813055&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Texas Commission on Environmental Quality

Title V Existing

2114

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	OLEFIN UNITS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	9500 INTERSTATE 10 E
City	BAYTOWN
State	TX
ZIP	77521
County	HARRIS
Latitude (N) (##.#####)	29.813055
Longitude (W) (-###.#####)	94.938611
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	32511
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103919817
What is the name of the Regulated Entity (RE)?	CHEVRON PHILLIPS CHEMICAL CEDAR BAYOU PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	9500 INTERSTATE 10 E
City	BAYTOWN
State	TX
ZIP	77521
County	HARRIS
Latitude (N) (##.#####)	29.8175
Longitude (W) (-###.#####)	-94.933888
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600303614
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Chevron Phillips Chemical Company LP
Texas SOS Filing Number	13487011
Federal Tax ID	731587712
State Franchise Tax ID	17315877120

State Sales Tax ID	
Local Tax ID	
DUNS Number	152975665
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	CHEVRON PHILLIPS CHEMICAL COMPANY LP
Prefix	MR
First	BRYAN
Middle	
Last	CANFIELD
Suffix	
Credentials	
Title	EVP OF MANUFACTURING AND PRODUCTS
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	9500 LAKESIDE BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	THE WOODLANDS
State	TX
ZIP	77381
Phone (###-###-####)	8328134445
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	bryan.canfield@cpchem.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	DIRK PERRIN(CHEVRON PHILLIP...)
Prefix	CHEVRON PHILLIPS CHEMICAL COMPANY LP
First	MR
Middle	DIRK
Last	PERRIN
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list	
Mailing Address	

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	9500 INTERSTATE 10 E
Routing (such as Mail Code, Dept., or Attn:)	
City	BAYTOWN
State	TX
Zip	77521
Phone (###-###-####)	2814216578
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2814216169
E-mail	perrid@cpchem.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

COLTON CROMER(CHEVRON PHILLIP...)

Prefix

CHEVRON PHILLIPS CHEMICAL COMPANY LP

First

MR

Middle

COLTON

Last

CROMER

Suffix

Credentials

Title

ENVIRONMENTAL AIR TEAM SUPERVISOR

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

9500 EAST FWY

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

City

BAYTOWN

State

TX

ZIP

77521

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

2814216741

Extension

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

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

E-mail

cbaingroup@cpchem.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 48 Min 47 Sec

3) Permit Longitude Coordinate:

94 Deg 56 Min 19 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?

Significant 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

CPChem Cedar SOP O2114 Sig Rev App 2026-0123.pdf

Hash

06A63B10E8D766E9604447F8F8BF7B3FC42B1854800761B59C49549DA90036E9

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

Yes

the processing of this application?

1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state?

Yes

1.2. Select the applicable expedited surcharge.

\$10,000

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 Dirk Perrin, the owner of the STEERS account ER075610.
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 2114.
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: Dirk Perrin OWNER OPERATOR

Account Number:	ER075610
Signature IP Address:	69.94.2.15
Signature Date:	2026-01-27
Signature Hash:	2C540391995D727FA5F51DF20743244E70075C7DD1EC66C9230431593ACFBD5D
Form Hash Code at time of Signature:	68BBF9BD1EB7A5D64992A2433E7DDF44B485012985E6566FFFFF659883B5BAFF

Fee Payment

Transaction by:	The expedited fee payment transaction was made by ER039662/Colton D Cromer
Paid by:	The expedited fee was paid by COLTON CROMER
Fee Amount:	\$10000.00
Paid Date:	The expedited fee was paid on 2026-01-27
Transaction/Voucher number:	The transaction number is 582EA000710168 and the voucher number is 808169

Submission

Reference Number:	The application reference number is 882808
Submitted by:	The application was submitted by ER075610/Dirk Perrin
Submitted Timestamp:	The application was submitted on 2026-01-27 at 12:30:43 CST
Submitted From:	The application was submitted from IP address 69.94.2.15

Confirmation Number:

The confirmation number is 736482

Steers Version:

The STEERS version is 6.94

Permit Number:

The permit number is 2114

Additional Information

Application Creator: This account was created by Kelley Oswalt

SIGNIFICANT REVISION APPLICATION

Site Operating Permit 02114



**Chevron Phillips Chemical Company, LP
Cedar Bayou Chemical Complex
Olefin Units
Harris County, Texas
CN600303614
RN103919817**

Prepared By:

Kelley Oswalt – Senior Consultant

TRINITY CONSULTANTS

1800 West Loop South
Suite 1000
Houston, TX 77027
713-552-1371

January 2026

Project 254402.0374



TABLE OF CONTENTS

1. PROJECT INFORMATION	1-1
2. ADMINISTRATIVE FORMS	2-1
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1. PROJECT INFORMATION

Chevron Phillips Chemical Company, LP (CPChem) owns and operates a petrochemical processing facility located in Baytown, Harris County, Texas known as the Cedar Bayou Facility. The various operating units at the facility are authorized under multiple Title V permits. The Normal Alpha Olefins Units, Polyalpha Olefin Units, 1-Hexene Unit, Ethylene Units and Utilities are authorized to operate under Site Operating Permit (SOP) O2114. The purpose of this application is to revise the SOP.

The following revisions are being requested:

- ▶ Incorporate the pending amendment (TCEQ Project No. 385401) of NSR permit 1504A, PSDTX748M1, N148M2 and GHGPSDTX9 into the Title V permit. This NSR amendment application updates the low-profile flare (PK-905) and cracking furnaces (H-101 through H-108) emission rates.

The Major NSR Summary Table will also need to be updated as part of this Title V revision application. Once the pending NSR amendment MAERT and Conditions are finalized, the Major NSR Summary Table will be provided to Title V permit reviewer.

2. ADMINISTRATIVE FORMS

This section contains the following forms and information:

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

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

Date:	1/23/2026													
Permit No.:	02114													
Regulated Entity No.:	RN103919817													
Company Name:	Chevron Phillips Chemical Company, LP													
For Submissions to EPA														
Has an electronic copy of this application been submitted (or is being submitted) to EPA?										X	YES		NO	
I. Application Type														
The type of application:														
	Renewal													
	Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)													
X	Significant Revision													
	Revision Requesting Prior Approval													
	Administrative Revision													
	Response to Reopening													
II. Qualification Statement														
For SOP Revisions Only										X	YES		NO	
For GOP Revisions Only											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:														
<i>(Check the appropriate box[es].)</i>														
X	VOC	X	NO _x	X	SO ₂	X	PM ₁₀	X	CO		Pb	X	HAPs	
Other:														
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 to 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.														

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

Date:	1/23/2026
Permit No.:	02114
Regulated Entity No.:	RN103919817
Company Name:	Chevron Phillips Chemical Company, LP

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	SIG-D	NO	Multiple	OP-REQ1	1504A, PSDTX748M1, N148M2, GHGPSDTX9	Incorporate the pending NSR amendment (TCEQ Project No. 385401) into the TV permit.

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality

Date:	1/23/2026			
Permit No.:	02114			
Regulated Entity No.:	RN103919817			
Company Name:	Chevron Phillips Chemical Company, LP			
I. Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)				
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	X	YES		NO
B. Indicate the alternate language(s) in which public notice is required:	Spanish			
C. Will there be a change in air pollutant emissions as a result of the significant revision?	X	YES		NO

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of Change in Pollutant Emissions
volatile organic compounds	increase
nitrogen oxides	increase
carbon monoxide	increase
sulfur dioxide	increase
hydrogen sulfide	increase

3. APPLICABLE REQUIREMENTS SUMMARY FORMS

This section contains the following forms and information:

- ▶ Form OP-REQ1 – Applicable Requirements Summary

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/23/2026	O2114	RN103919817

For SOP applications, answer ALL questions unless otherwise directed.

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

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX748M1	pending				
GHGPSDTX9	pending				

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.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N148M2	pending				
N178M2	09/30/2024				
N224	09/28/2023				

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.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/23/2026	O2114	RN103919817

For SOP applications, answer ALL questions unless otherwise directed.

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

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **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.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
1504A	pending	135086	09/28/2023		
37063	09/30/2024	163274	12/09/2020		
83791	09/28/2023	169895	05/02/2023		
120563	06/20/2023	171826	03/15/2023		

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

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.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
60	04/04/1975	106.473	03/14/1997		
106.261	11/01/2003	106.473	09/04/2000		
106.262	11/01/2003	106.476	09/04/2000		
106.263	11/01/2001	106.478	09/04/2000		
106.355	11/01/2001	106.511	09/04/2000		
106.371	09/04/2000				
106.454	11/01/2001				
106.472	09/04/2000				

- ◆ **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