



Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

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APR 25 2025

WASTE PERMITS DIVISION
TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

Date: 4/17/20025

Facility Name: LNVA-North Regional Treatment Plant

Permit or Registration No.: 50349

Nature of Correspondence:

☐ Initial/New

☒ Response/Revision to TCEQ Tracking No.:
30424539 (from subject line of TCEQ letter
regarding initial submission)

Affix this cover sheet to the front of your submission to the Waste Permits Division. Check appropriate box for type of correspondence. Contact WPD at (512) 239-2335 if you have questions regarding this form.

Table 1 - Municipal Solid Waste Correspondence

Applications	Reports and Notifications
<input type="checkbox"/> New Notice of Intent	<input type="checkbox"/> Alternative Daily Cover Report
<input type="checkbox"/> Notice of Intent Revision	<input type="checkbox"/> Closure Report
<input type="checkbox"/> New Permit (including Subchapter T)	<input type="checkbox"/> Compost Report
<input type="checkbox"/> New Registration (including Subchapter T)	<input type="checkbox"/> Groundwater Alternate Source Demonstration
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Groundwater Corrective Action
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> Limited Scope Major Amendment	<input type="checkbox"/> Groundwater Background Evaluation
<input type="checkbox"/> Notice Modification	<input type="checkbox"/> Landfill Gas Corrective Action
<input type="checkbox"/> Non-Notice Modification	<input type="checkbox"/> Landfill Gas Monitoring
<input type="checkbox"/> Transfer/Name Change Modification	<input type="checkbox"/> Liner Evaluation Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Soil Boring Plan
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Special Waste Request
<input type="checkbox"/> Subchapter T Disturbance Non-Enclosed Structure	<input type="checkbox"/> Other:
<input type="checkbox"/> Other:	

Table 2 - Industrial & Hazardous Waste Correspondence

Applications	Reports and Responses
<input type="checkbox"/> New	<input type="checkbox"/> Annual/Biennial Site Activity Report
<input type="checkbox"/> Renewal	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> Post-Closure Order	<input type="checkbox"/> Closure Certification/Report
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Construction Certification/Report
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> CCR Registration	<input type="checkbox"/> Extension Request
<input type="checkbox"/> CCR Registration Major Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> CCR Registration Minor Amendment	<input type="checkbox"/> Interim Status Change
<input type="checkbox"/> Class 3 Modification	<input type="checkbox"/> Interim Status Closure Plan
<input type="checkbox"/> Class 2 Modification	<input type="checkbox"/> Soil Core Monitoring Report
<input type="checkbox"/> Class 1 ED Modification	<input type="checkbox"/> Treatability Study
<input type="checkbox"/> Class 1 Modification	<input type="checkbox"/> Trial Burn Plan/Result
<input type="checkbox"/> Endorsement	<input type="checkbox"/> Unsaturated Zone Monitoring Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Waste Minimization Report
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Other:
<input type="checkbox"/> 335.6 Notification	
<input checked="" type="checkbox"/> Other: Technical NOD Complete	

Action Id _____

Comm TR # 315 352 11

PM Jos Archuleta



April 15, 2025

Texas Commission on Environmental Quality
Attention: Industrial and Hazardous Waste Permits Section, MC 130
P.O. Box 13087
Austin, Texas 78711-3087
Tracking No. 30424539

SUBJECT: Response to Technical Review Complete
Tracking No. 30424539
Lower Neches Valley Authority – LNVA North Regional Treatment Plant
TCEQ Hazardous Waste Permit Number: 50349
Industrial Solid Waste Number: 35045
RN101622876/CN600126502
LNVA Letter No. 2609

Dear Ms. Archuleta:

I am writing this letter on behalf of the Neches River Treatment Corporation – Lower Neches Valley Authority (LNVA) in Beaumont, Texas. We received the Technical Review Complete email on April 1, 2025 for the LNVA-NTRP's RCRA Permit Renewal Application. The table included as Attachment 1 lists the deficiencies identified and provides responses previously submitted to each of the Notice of Deficiencies (NODs).

In addition, please find enclosed an original and electronic copy of the application revisions for the Industrial Hazardous Waste (IHW) NOD responses with the original signature page for Part B of the application (Attachment 2).

If you have questions or concerns regarding the information presented herein, please contact me at (409) 833-6446 or by email at [REDACTED]

Sincerely,

A handwritten signature in blue ink, appearing to read "Jesse Eastep", is written over the printed name.

Jesse Eastep
Utilities Manager
Lower Neches Valley Authority

Attachment (2)

cc: David King, TCEQ Waste Section Manager, Region 10
Scott Hall, LNVA General Manager

ATTACHMENT 1

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
A1	A	I	General Information, F. Registration and Permit Information	Provide a complete list of the authorizations applicable to this application. LNVA should refer to TCEQ Central Registry which for example shows authorizations from Pollution Prevention Planning and Tier II.	We have reviewed the information and note that The Air New Source Permits and Pollution Prevention Plan permits were not listed in Part A, Table I, Section F. These permits have been added to the table. Tier II authorization was not included in the Central Registry as it is not public information because of 9/11 and concerns over potential terrorist use of Tier II information. Updated and replacement pages for the application are provided herein.
A2	A, B		Signature page, notary seal	Omitted	LNVA acknowledges that the notary seal on the Operator signature pages in Part A and B were not visible in an electronic version because the notary used an embossed seal which is evident in the original paper application. An updated Part B signature page was submitted with the Admin NOD package on November 25, 2024 which includes the notary seal. Final signature pages for Parts A and B once the Technical NOD has been approved.
A3	A, B	I	I.H Core Data Forms	<ul style="list-style-type: none"> Section II: Customer Information indicates that there are no selections made for "11. Type of Customer." In Part A, Section I. General Information, C. Operator, it is necessary to specify the entity responsible for facility operations, which is designated as an "Agency of the State of Texas." Furthermore, in Part B, Section I. General Information, Appendix I, Table I. General Information, A. Applicant: Facility Operator, it is reiterated that the facility is an Agency of the State of Texas. Regulated Entity Information has a hyphen in the Regulated Entity Name, LNVA – North Regional Treatment Plant. 	<ul style="list-style-type: none"> We have reviewed the Core Data Form for the Operator and note that <i>Section 11. Type of Customer</i> included additional information that was not necessary. We have removed information from the "Other" box and left "Government: Other" checked. We have reviewed Part A, Section I. General Information, C. Operator and note that the responsible party for facility operations is listed as the Lower Neches Valley Authority which is correct. The LNVA does not have a charter number as they are an Agency of the State of Texas. In Part B, Section I. General Information, Appendix I, Table I. General Information, A. Applicant: Facility Operator is correctly listed as the Lower Neches Valley Authority. However, The Previous For Former Names of the Facility

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
					<p>was listed as "Agency of the State of Texas," which is incorrect. The form has been corrected.</p> <ul style="list-style-type: none"> We have reviewed the Operator Core Data Form, Section 22. Regulated Entity Name and note that there was a hyphen added to the Regulated Entity Name. We have removed the hyphen in the form. <p>Updated and replacement pages for the application are provided herein.</p>
A4	B	I	General Information, Appendix I, Table I. General Information, D. Application Type and Facility Status.	<ul style="list-style-type: none"> Provide the of amendment; categorize it as a minor amendment if the changes are administrative or as a major amendment if there are significant modifications to the application. Section A. Applicant: Facility Operator, the applicant information refers to the Core Data Form. Applicant needs to fill out the information. Section G. Information Required to Provide Notice indicates no information has changed on the Core Data Form since the last submittal. 	<ul style="list-style-type: none"> We have reviewed the information in <i>Part B, Section I. General Information, D. Application Type</i> and noted that the Modification and Class were not checked. An updated and replacement page for the application is provided herein. LNVA acknowledges that <i>Part B, Table 1: General Information, Section A. Facility Operator</i> referenced the Core Data form in the original application submittal. However, an updated form was submitted with the Admin NOD package on November 25, 2024. An updated and replacement page for the application is provided herein. We have reviewed <i>Part B, Section I. General Information, G. Information Required to Provide Notice</i> and note that there were minor changes to the Operators Core Data Form. Updated and replacement pages for the application are provided herein.
A5	B	III	Appendix C	Provide the waiver approval letter which was approved on June 9, 2015, concerning certain security requirements for the Equalization Basin.	A waiver for security requirements was requested in <i>Part B, Section III, Appendix III.C. Security</i> in the RCRA Permit Renewal Application submitted to the TCEQ in May 2014 and approved by the TCEQ on

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
					June 9, 2015. The TCEQ approval letter for the June 9, 2015 renewal permit could not be located; however, a portion of the approved RCRA Permit Renewal application from the TCEQ is provided herein. The LNVA provided information related to the waiver in <i>Part B, section III. Facility Management, Appendix III.C. Security</i> , pages 221 and 222 of the current renewal application submitted in November 2024. The specific pages are included herein for reference.
T1	B	II	II Flooding: FEMA flood map	Omitted	We have reviewed the information and a Flood Plain Map was provided in <i>Section II. Facility Siting Criteria, Appendix II.F. Flooding</i> , page 157 of the current, electronic renewal application. The data source for the map is FEMA. The Flood Plan Map is included herein for reference.
T2	B	III	Table III.D	<ul style="list-style-type: none"> Revise the inspection schedule to include the requirement that a Texas Registered Surveyor perform the benchmark inspection at five-year intervals. Include that the cap system will be inspected after any major storm event of greater than 1 inch of rainfall in 24 hours. 	We have reviewed the information and agree to the TCEQ's additions. An updated and replacement page for the application is provided herein.
T3	B	II		Provide precipitation data from the National Oceanic and Atmospheric Administration Atlas 14 study for Texas, released in September 2018.	We acknowledge that the precipitation data was not included with the renewal application in <i>Part B, Section II. Flooding</i> . The precipitation data and map are included herein.
T4	B	VI	Table VI.A.1	A Class 1 modification issued June 24, 2019, updated the survey information to report "Mean Sea Level (MSL)" rather than Mean Low Gulf Level (MLGL). However, the renewal application references MLGL on Table VI.A.1 and Table VI.A.2. Revise to be consistent with the aforementioned modification.	<p>We have reviewed the information and agree that Table VI.A.1 does have a footnote reference to MLGL which was inadvertently left during application preparation. The footnote has been removed. Depths provided in Table VI.A.1. are in mean sea level. A replacement page is provided herein.</p> <p>Table VI.A.2 has been removed from the application package as it is not a requirement of the RCRA Permit Renewal Application.</p>

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
T5	B	VI	Table VI.A.2 Description of the Uppermost Aquifer	Explain where Table VI.A.2 is found in the application. The recent submittal references this table; however, the table is not included in the application.	We have reviewed the application and acknowledge that Table VI.A.2. is not included with the template. This table was included in the application in error and is used for Part B, Section XI Compliance which is not part of this renewal application. Table VI.A.2. has been removed from the application package.
T6	B	VI	Appendix VI.B	The P.G. that prepared the submitted Addendum to the Groundwater Monitoring Summary must sign and seal the document.	The <i>Addendum to the Groundwater Monitoring Summary</i> does not include an interpretation or analysis of geoscience data in accordance with the Texas Board of Professional Geoscientists <i>Guidance Document No. 1 Use and Application of a P.G. Seal</i> , dated May 2015. Therefore, the document does not require the seal of a P.G. <i>The Groundwater Monitoring Summary (September 25, 1991 and May 2014 Modification)</i> included as Appendix A is sealed by a P.G. Since the <i>Addendum to the Groundwater Monitoring Summary</i> only includes administrative changes, it does not require a P.G. seal.
T7	B	VI	Appendix VI.B, Page 1 of 3	Provide the referenced correspondence between LNVA and the TCEQ regarding the discontinuation of groundwater gauging.	We have reviewed historical information and there was no formal TCEQ approval to discontinue groundwater gauging for the nineteen (19) wells. In 2017, the LNVA reviewed their current permit and noted that the nineteen (19) wells gauged for potentiometric purposes were not included in Table VI.B.3.b. The nineteen (19) wells are associated with the adjacent ExxonMobil Beaumont Refinery and were gauged separately from the LNVA's Detection Monitoring Program wells. The change in developing the potentiometric map in 2018 was not formally made in a permit modification to change The Groundwater Monitoring Summary (September 25, 1991 and May 2014 Modification). The <i>Addendum to the Groundwater Monitoring Summary</i> has been revised to reflect the modification to <i>The Groundwater Monitoring Summary (September 25, 1991 and May 2014 Modification)</i> . Revised and replacement pages of the <i>Addendum to the Groundwater Monitoring Summary for Section VI. Geology, Appendix VI.B.</i>

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
					<i>Facility Groundwater</i> are included herein.
T8	B	VI	Appendix VI.B	Table VI.B.3.c should incorporate the indicator parameters specified in Provision VI.D.2.D(2).	We have reviewed Provision VI.D.2.d(2) of the Permit and note that pH, temperature, specific conductivity, and turbidity are field parameters used to determine when to collect groundwater samples during low flow purging activities in accordance with the Sampling and Analysis Plan. They are not indicator parameters for determining if a release has occurred from the permitted unit. In addition, the other field parameters in VI.D.2.d(2) such as water level, clarity, odor, color are also not included in Table VI.B.3.c because these parameters are not used for release determinations as discussed in Provision VI.D.3. Therefore, they were not included in Table VI.B.3.c in the current Permit nor this application.
T9	B	VI	Appendix VI.B	The permit issued on June 09, 2015, Continuation Sheet 23 of 24, Provision VI.2.D(2) requires the measurement of pH for each well during sampling events. However, Appendix VI.B, Facility Groundwater, Section 6.0 indicates that the sampling and analysis plan has been updated to exclude pH as an indicator parameter for detection monitoring. It is necessary to clarify the rationale behind the removal of pH. Additionally, all modifications in the application must be documented in Table 1-1.	The removal of pH as an indicator parameter was requested in the RCRA Permit Renewal Application submitted to the TCEQ in May 2014 and approved by the TCEQ on June 9, 2015 with the issuance of the renewed RCRA Permit. We are not requesting any modifications of the previously approved permit for the monitoring of pH as an indicator parameter. Provision VI.D.2.d(2) of the Permit notes that pH, temperature, specific conductivity, and turbidity along with water level, clarity, odor, color are field parameters used to determine when to collect groundwater samples during low flow purging activities in accordance with the Sampling and Analysis Plan. These field parameters, collected while using low-flow techniques to purge groundwater from wells and recorded in field notes, are not used for release determinations.
T7 (2)	B	VI	Appendix VI.B, Page 1 of 3	<p>Please provide additional information on the 19 wells used to create the potentiometric map for the facility including:</p> <ul style="list-style-type: none"> When was the last time the 19 wells were gauged to obtain potentiometric data? 	Prior to 2018, the 19 groundwater wells associated with the ExxonMobil Beaumont Refinery were gauged on a quarterly basis. The data from the 19 wells, along with gauging data from the LNVA-NRTP's Unit Detection Monitoring System-related groundwater wells, was used to develop a potentiometric map to

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
				<ul style="list-style-type: none"> What potentiometric data was used from the 1991 Groundwater Monitoring Summary to develop the current potentiometric map? Explain how removing the 19 wells used for potentiometric data will not impact the detection monitoring or hinder the facility's ability to determine potentiometric data in the future. <p>This additional information is based on your response to T7; you state LNVA noted in 2017 that nineteen (19) wells gauged for potentiometric purposes and associated with the adjacent ExxonMobil Beaumont Refinery were not in Table VI.B.3.b. – Unit Groundwater Detection Monitoring Systems. The 19 wells were not used to develop a potentiometric map in 2018, and a formal permit modification to change The Groundwater Monitoring Summary was not submitted. The revised Addendum to the Groundwater Monitoring Summary (September 25, 1991, and May 2014 Modification), received February 21, 2025, indicates that the 1991 Groundwater Monitoring Summary included provisions for obtaining potentiometric data. It appears that the 19 wells were once used to develop historical potentiometric maps but were not included in the wells used for detection monitoring.</p>	<p>reflect potentiometric data in the vicinity of the LNVA-NRTP. Since 2018, the 19 groundwater wells are gauged on a semi-annual basis in January and July in accordance with the ExxonMobil Beaumont Refinery RCRA permit No. 50139. A potentiometric map for the entire ExxonMobil Refinery complex including the LNVA-NRTP is included in the ExxonMobil Beaumont Refinery Corrective Action Report that is submitted to the TCEQ in January of each year.</p> <p>In a <i>Response to Comments – Annual Detection Monitoring Report (Year 2016)</i>, dated February 1, 2017 letter to the TCEQ, the LNVA responded to comments regarding the water level gauging data used to develop potentiometric maps for the facility. In 2016, 19 groundwater wells associated with the ExxonMobil Beaumont Refinery and wells associated with the LNVA-NRTP were gauged in June 2016; the data was used “to develop a more comprehensive basis for constructing a representative potentiometric map for the LNVA-NRTP facility and the surrounding area.” While the data used did develop a comprehensive potentiometric map, it was not always reflective of groundwater flow related to the LNVA-NRTP.</p> <p>Since 2018, the potentiometric map for the LNVA-NRTP has been generated using groundwater elevation data from ten (10) groundwater monitoring wells located within the LNVA-NRTP property boundary; eight (8) of the groundwater monitoring wells comprise the LNVA-NRTP's Unit Groundwater Detection Monitoring System. The data gathered reflects accurate groundwater potentiometric data as it shows the direction of groundwater flow is radially inward toward the Main Aeration Basin (MAB) located due south of the closed Equalization Basin. This radially inward flow results from the water table</p>

ID	App. Part	App. Section	Location	Deficiency Description/Resolution	Response to NOD
					<p>drawdown effect caused by the continuous aeration process being conducted within the MAB.</p> <p>It should be noted that a January 9, 2017 telephone conversation was held between the LNVA-NRTP's consultant at that time and the TCEQ. During this conversation, the TCEQ's comments were discussed and resolved; however, a complete account of the conversation was not documented. An excerpt of the February 1, 2017 response is provided herein as documentation.</p>
T8	B	VI	Appendix VI.B.	<p>The field parameters specified in Provision D.2.d.(2) must be incorporated into Table VI.B.3.b - Unit Groundwater Detection Monitoring System to guarantee their collection during the groundwater sampling event. An asterisk may be included for additional clarification.</p>	<p>We have reviewed the information and updated Table VI.B.3.c. - Groundwater Detection Monitoring Parameters to include field parameters specified in Provision D.2.d.(2) of the permit. An asterisk has been added to the field parameters to note that they are not used for release determination. An updated and replacement table for the application is provided herein.</p> <p>Table I.1. Description of Proposed Application Changes has been updated to include the changes to Table VI.B.3.c. The updated table is provided herein.</p>

ATTACHMENT 2

Texas Commission on Environmental Quality
Permit Application for a Hazardous Waste Storage/Processing/Disposal Facility
Part A - Facility Background Information

I. General Information

A. Facility Name: LNVA North Regional Treatment Plant

(Individual, Corporation, or Other Legal Entity Name)

TCEQ Solid Waste Registration No: 35045 EPA I.D. No.: TXD074204991

Street Address (If Available): 2655 Gulf States Road

City: Beaumont, State: TX Zip Code: 777.01

County: Jefferson

Telephone Number: (409) 833-6446 Charter Number: 0003501906

If the application is submitted on behalf of a corporation, please identify the Charter Number as recorded with the Office of the Secretary of State for Texas.

B. Facility Contact

1. List those persons or firms who will act as primary contact for the applicant during the processing of the permit application. Also indicate the capacity in which each person may represent the applicant (engineering, legal, etc.). The person listed first will be the primary recipient of correspondence regarding this application. Include the complete mailing addresses and phone numbers.

(Technical & Engineering)

Jesse Eastep, Utilities Manager - Lower Neches Valley Authority

P.O. Box 6045

Beaumont, Texas 77725-6045

(409) 833-6446

(Administrative)

Scott Hall, P.E., General Manager - Lower Neches Valley Authority

P.O. Box 5117

Beaumont, Texas 77726-5117

(409) 892-4011

(Legal)

David M. Gorsich, Vice President - Neches River Treatment Corporation

P.O. Box 3311

Beaumont, Texas 77704

(409) 269-9756

2. If the application is submitted by a corporation or by a person residing out of state, the applicant must register an Agent in Service or Agent of Service with the Texas Secretary of State's office and provide a complete mailing address for the agent. The agent must be a Texas resident.

C. Operator¹: Identify the entity who will conduct facility operations.

Operator Name: Lower Neches Valley Authority

Address: P.O. Box 5117

City: Beaumont, State: Texas Zip Code: 77726-5117

Telephone Number: (409) 892-4011 Charter Number: _____

D. Owner

1. Indicate the ownership status of the facility:

a. Private X

- (1) X Corporation
- (2) _____ Partnership
- (3) _____ Proprietorship
- (4) _____ Non-profit organization

b. Public _____

- (1) _____ Federal
- (2) _____ Military
- (3) _____ State
- (4) _____ Regional
- (5) _____ County
- (6) _____ Municipal
- (7) _____ Other (specify)

2. Does the operator own the facility units and facility property?

☐ Yes ☒ No

If you checked "no",

- a. Submit as "Attachment A" a copy of the lease for use of or the option to buy said facility units and/or facility property, as appropriate; and

See Attachment A

- b. Identify the facility units' owner(s) and/or facility property owner(s). Please note that the owner(s) is/are required to sign the application on page 5.

Owner Name: Neches River Treatment Corporation

Address: P.O. Box 3311

¹ The operator has the duty to submit an application if the facility is owned by one person and operated by another [30 TAC 305.43(b)]. The permit will specify the operator and the owner who is listed on this application [Section 361.087 Texas Health and Safety Code].

City: Beaumont, State: Texas Zip Code: 77704

Telephone Number: (409) 269-9756

Owner Name: _____

Address: _____

City: _____, State: _____ Zip Code: _____

Telephone Number: _____

E. Type of Application Submittal:

Initial _____ or Revision X (Renewal)

F. Registration and Permit Information

Indicate (by listing the permit number(s) in the right-hand column below) all existing or pending State and/or Federal permits or construction approvals which pertain to pollution control or industrial solid waste management activities conducted by your plant or at your location. Complete each blank by entering the *permit number*, or the *date of application*, or "none".

Relevant Program and/or Law	Permit No.	Agency*
1. Texas Solid Waste Disposal Act	<u>35045</u>	<u>TCEQ</u>
2. Wastewater disposal under the Texas Water Code	<u>WQ0001727000</u>	<u>TCEQ</u>
3. Underground injection under the Texas Water Code	<u>None</u>	_____
4. Texas Clean Air Act	<u>4824500174</u> Air New Source Permits	<u>TCEQ</u>
5. Texas Uranium Surface Mining & Reclamation Act	<u>None</u>	_____
6. Texas Surface Coal Mining & Reclamation Act	<u>None</u>	_____
7. Hazardous Waste Management program under the Resource Conservation and Recovery Act	<u>50349</u> <u>TXD074204991</u>	<u>TCEQ</u> <u>EPA</u>
8. UIC program under the Safe Drinking Water Act	<u>None</u>	_____
9. TPDES program under the Clean Water Act	<u>TX0062677</u>	<u>EPA</u>

10. PSD program under the Clean Air Act	<u>None</u>	<u> </u>
11. Nonattainment program under the Clean Air Act	<u>None</u>	<u> </u>
12. National Emission Standards for Hazardous Pollutants (NESHAP) Pre-construction approval under the Clean Air Act	<u>None</u>	<u> </u>
13. Ocean dumping permits under the Marine Protection Research and Sanctuaries Act	<u>None</u>	<u> </u>
14. Dredge or fill permits under section 404 of the Clean Water Act	<u>None</u>	<u> </u>
15. Other relevant environmental permits: Pollution Prevention Plan	<u>P00465</u>	<u>TCEQ</u>

*Use the following acronyms for each agency as shown below:

TCEQ = Texas Commission on Environmental Quality
TRC = Texas Railroad Commission
TDH = Texas Department of Health
TDA = Texas Department of Agriculture
EPA = U.S. Environmental Protection Agency
CORPS = U.S. Army Corps of Engineers

G. Give a brief description of the nature of your business.

The North Regional Treatment Plant (NRTP) has been in continuous operation since 1976 and currently processes wastewater (including process wastewater, utility wastewater, treated sanitary wastewater, and potentially contaminated storm water) received by pipeline from four (4) adjacent industrial facilities. The influent flow from each of these facilities is equalized and adjusted as necessary with caustic soda to control pH. Phosphoric acid is added to supply the macronutrient phosphorus. The combined wastewater flow is treated in an aggressive biological process using conventional activated sludge treatment. The mixed liquor solids are separated in secondary gravity clarifiers and the settled sludge is returned to the aeration basin. The clarifier effluent is filtered, if necessary, to assure compliance with all TPDES permit discharge limitations. Waste-activated sludge is transferred to an offsite facility for dewatering and disposal in a permitted landfill as Class 2 non-hazardous bio-sludge.

H. TCEQ Core Data Form

The TCEQ requires that a Core Data Form (Form 10400) be submitted on all incoming applications. For more information regarding the Core Data Form, call (512) 239-1575 or go to the TCEQ website at

http://www.tceq.texas.gov/permitting/central_registry/guidance.html.

TCEQ Core Data Forms for both the owner and operator are provided in Attachment I.H.

Completed Part A signature pages for both the facility owner and operator are provided herein.

Signature Page – Owner

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Operator Signature: N/A Date: _____

Name and Official Title (type or print): N/A

Operator Signature: N/A Date: _____

Name and Official Title (type or print): N/A

Operator Signature: N/A Date: _____

Name and Official Title (type or print): N/A

Owner Signature: [Signature] Date: 4-17-25

Name and Official Title (type or print): David M. Gorsich, Vice President – Neches River Treatment Corporation

To be completed by the operator if the application is signed by an authorized representative for the operator

I, N/A hereby designate N/A
(operator) (authorized representative)

as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

N/A

Printed or Typed Name of Operator or Principal Executive Officer

N/A

Signature

(Note: Application Must Bear Signature & Seal of Notary Public)

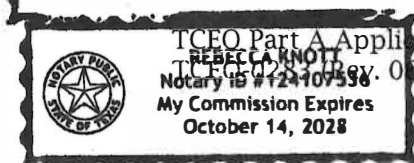
Subscribed and sworn to before me by the said David Gorsich on this

17 day of April, 2025.

My commission expires of the 14 day of October, 2028



Rebecca Knott
Notary Public in and for Jefferson County, Texas



TCEO Part A Application
Notary ID #124107536
My Commission Expires
October 14, 2028

Signature Page - Operator

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Operator Signature: Scott Hall Date: 4-9-25

Name and Official Title (type or print): Scott Hall, P.E. General Manager – Lower Neches River Authority

Operator Signature: _____ Date: _____

Name and Official Title (type or print): _____

Operator Signature: _____ Date: _____

Name and Official Title (type or print): _____

Owner Signature: _____ Date: _____

Name and Official Title (type or print): _____

To be completed by the operator if the application is signed by an authorized representative for the operator

I, _____ hereby designate _____
(operator) (authorized representative)

as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

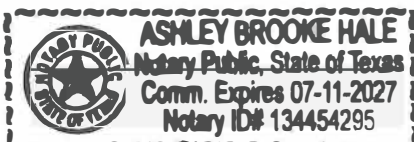
Printed or Typed Name of Operator or Principal Executive Officer

Signature

(Note: Application Must Bear Signature & Seal of Notary Public)

Subscribed and sworn to before me by the said Scott Hall on this
NINTH day of APRIL, 2025.

My commission expires of the ELEVENTH day of JULY, 2027



Ashley Brooke Hale
Notary Public in and for JEFFERSON County, Texas



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600126502		RN 101622876

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)					
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership							
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)							
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).							
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>				
Lower Neches Valley Authority							
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits) 74-6000299	10. DUNS Number (if applicable)				
11. Type of Customer:		<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited			
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:				
12. Number of Employees			13. Independently Owned and Operated?				
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following							
<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:							
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant							
15. Mailing Address:	P.O. Box 5117						
	City	Beaumont	State	TX	ZIP	77726	ZIP + 4
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)				
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)			

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If 'New Regulated Entity' is selected, a new permit application is also required.)

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

LNVA North Regional Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

2655 Gulf States Road

City

Beaumont

State

TX

ZIP

77701

ZIP + 4

24. County

Jefferson

If no Street Address is provided, fields 25-28 are required.

25. Description to**Physical Location:****26. Nearest City****State****Nearest ZIP Code**

Beaumont

TX

77701

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

30.06250

28. Longitude (W) In Decimal:

-94.061111

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30

03

45

94

03

40

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

4952

221320

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Biological treatment of ind. wastewater

34. Mailing**Address:**

P.O. Box 6045

City

Beaumont

State

TX

ZIP

77725

ZIP + 4

6045

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number (if applicable)**

(409) 833-6446

(409) 833-5462

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

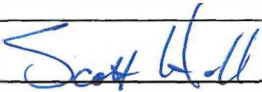
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Emissions Inventory Air	<input checked="" type="checkbox"/> Industrial Hazardous Waste
			JE0320T	35045, 50349
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
	4824500174			
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ0001727000			

SECTION IV: Preparer Information

40. Name:	Jesse Eastep			41. Title:	LNVA Utilities Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(409) 833-6446		(409) 833-5462	[REDACTED]		

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Lower Neches Valley Authority	Job Title:	General Manager	
Name (In Print):	Scott Hall, P.E.	Phone:	(409) 892- 4011	
Signature:		Date:	4-9-25	



TCEQ Use Only

TCEQ Core Data Form

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SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 601669559		RN 101622876

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		6/9/2025	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below:					
Neches River Treatment Corporation					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
0003501906		11327612922		13-2761292	
10. DUNS Number (if applicable)		18-731-1691			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:					
P.O. Box 3311					
City: Beaumont State: TX ZIP: 77704 ZIP + 4: 3311					
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If "New Regulated Entity" is selected, a new permit application is also required.)
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

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LNVA North Regional Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

2655 Gulf States Road

City

Beaumont

State

TX

ZIP

77701

ZIP + 4

24. County

Jefferson

If no Street Address is provided, fields 25-28 are required.

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Beaumont

TX

77701

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

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Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

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03

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40

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

4952

221320

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Industrial Wastewater Treatment

34. Mailing**Address:**

P.O. Box 6045

City

Beaumont

State

TX

ZIP

77725

ZIP + 4

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number** (if applicable)

(409) 833-6446

() -

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input checked="" type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Jesse L. Eastep	41. Title:	LNVA utilities Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(409) 833-6446		() -	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.


Company:	Neches River Treatment Corporation	Job Title:	Vice President
Name (In Print):	David M. Gorsich	Phone:	(409) 269- 9756
Signature:		Date:	4-16-25

Table I: General Information**A. Applicant: Facility Operator**

Name ¹	Lower Neches Valley Authority
Address ²	P.O. Box 5117
City, State ²	Beaumont, Texas
Zip Code ²	77726-5117
Telephone Number	(409) 892-4011
Alternate Telephone Number	
TCEQ Solid Waste Registration No.	35045
EPA I.D. No.	TXD074204991
Permit No.	50349
County	Jefferson
Regulated Entity Name	LNVA North Regional Treatment Plant
Regulated Entity Reference Number (TN)	RN101622876
Customer Name ²	Lower Neches Valley Authority
Customer Reference Number:	CN600126502
Charter Number ³	0003501906
Previous for Former Names of the Facility (if applicable)	

B. Facility Owner: Identify the Facility Owner if different than the Facility Operator⁴
☐ Same as Facility Operator?

Name	Neches River Treatment Corporation
Address	P.O. Box 3311
City, State	Beaumont, Texas
Zip Code	77704-3311
Telephone Number	(409) 269-9756
Alternate Telephone Number	

C. Facility Contact**1. Persons or firms who will act as primary contact:**

Name, Title:	Jesse Eastep, Utilities Manager
Address	P.O. Box 6045
City, State:	Beaumont, TX
Zip Code	77725-6045
Telephone Number	(409) 833-6446
Alternate Telephone Number	
E-mail	

Persons or firms who will act as primary contact (if more than one):

Name, Title:	
Address	
City, State:	
Zip Code	
Telephone Number	
Alternate Telephone Number	
E-mail	

2. Agent in Service or Agent of Service (if you are an out-of-state company)⁵:

Name, Title:	
Address	
City, State:	
Zip Code	

3. Individual responsible for causing notice to be published:

Name:	Jesse Eastep, Utilities Manager
Address	P.O. Box 6045
City, State:	Beaumont, TX
Zip Code	77725-6045
Telephone Number	(409) 833-6446
Alternate Telephone Number	
E-mail	

4. Public place in county where application will be made available⁶:

Name	Beaumont Public Library - 409.838.6606
Address	801 Pearl Street
City, State	Beaumont, TX
Zip Code	77701

D. Application Type and Facility Status**1. Application Type**

- | | | |
|---------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Permit | <input checked="" type="checkbox"/> Amendment | <input checked="" type="checkbox"/> Modification |
| <input type="checkbox"/> New | <input type="checkbox"/> Major | <input type="checkbox"/> Class 3 |
| <input checked="" type="checkbox"/> Renewal | <input checked="" type="checkbox"/> Minor | <input checked="" type="checkbox"/> Class 2 |
| <input type="checkbox"/> Interim Status | | <input type="checkbox"/> Class 1 ¹ |
| <input type="checkbox"/> Compliance Plan | | <input type="checkbox"/> Class 1 |
| <input type="checkbox"/> RD&D | | |

2. Part of a Consolidated Permit Processing request? [30 TAC Chapter 33]

No

3. Does the application contain confidential material?⁷

No

4. Facility Status. Check all that apply

- | | |
|----------------------------------------------|------------------------------------------------------|
| <input type="checkbox"/> Proposed | <input checked="" type="checkbox"/> On-Site |
| <input checked="" type="checkbox"/> Existing | <input type="checkbox"/> Off-site |
| | <input type="checkbox"/> Commercial |
| | <input type="checkbox"/> Recycle |
| | <input checked="" type="checkbox"/> Land Disposal |
| | <input type="checkbox"/> Areal or capacity expansion |
| | <input type="checkbox"/> Compliance plan |

5. Is the facility within the Coastal Management Program boundary?

Yes

6. Description of Application Changes

Complete Table I.1 - Description of Proposed Application Changes

Note: List all changes requested in Table. Unlisted requests risk remaining unaddressed or possibly denied if brought to the permit application reviewer's attention at a later time.

7. Total acreage of the facility being permitted:

20

8. Identify the name of the drainage basin and segment where the facility is located⁸

River Segment

Neches River Tidal

River Basin

Neches River Basin

E. Facility Siting Summary:

Is the facility located or proposed to be located:

1. Within a 100-year floodplain?
2. in wetlands?
3. In the critical habitat of an endangered species of plant or animal?
4. On the recharge zone of a sole-source aquifer?
5. In an area overlying a regional aquifer?
6. Within 0.5 mile (2,640 feet) of an established residence, church, school, day care center, surface water body used for public drinking water supply, or dedicated public park?⁹ [30 TAC 335.202]
If Yes: the TCEQ shall not issue a permit for this facility.
7. In an area in which the governing body of the country or municipality has prohibited the processing or disposal of municipal hazardous waste or industrial solid waste?
If yes: provide a copy of the ordinance or order.

Yes

No

No

No

Yes

No

No

F. Wastewater and Stormwater Disposition

1. Is the disposal of any waste to be accomplished by a waste disposal well at this facility?

No

If Yes: List WDW Permit No(s):

2. Will any point source discharge of effluent or rainfall runoff occur as a result of the proposed activities?

Yes

3. If Yes, is this discharge regulated by a TPDES or TCEQ permit?

☒ Yes

TCEQ Permit No.

17270000

TPDES Permit No.

62677

☐ No

Date TCEQ discharge permit application filed:

Date TPDES discharge application filed:

G. Information Required to Provide Notice

State Officials List [30 TAC 39]

State Senator

Name:

Senator Robert Nichols, District 3

Address:

(903) 589-3003

City, State:

329 Neches Street

Zip Code:

Jacksonville, TX

75766

State Representative

Name:

Representative Christian Manuel

Address:

(409) 344-4022

City, State:

2300 FM 365, Suite #360

Zip Code:

Nederland, TX

77627

Local Officials List [30 TAC 39]

Mayor

Name:

Roy West, City of Beaumont Mayor

Address:

(409) 880-3770

City, State:

P.O. Box 3827

Zip Code:

Beaumont, TX

77704

Local Health Authority

Name:

Kenneth Coleman, Sr. Director of Public Health
City of Beaumont - Public Health Services

Address:

(409) 654-3603

City, State:

3040 College Street

Zip Code:

Beaumont, TX

77701

County Judge

Name:

Jeff Branick, County Judge Jefferson County

Address:

(409) 835-8466

City, State:

1149 Pearl Street

Zip Code:

Beaumont, TX

77701

County Health Authority

Name:

Dr. Eze D. Ede, Public Health Authority - Unit #1

Address:

(409) 835-8530

City, State:

1295 Pearl Street

Zip Code:

Beaumont, TX

77701

Based on the questions in the Bilingual Notice Instructions for this form, are you required to make alternate (Bilingual) notice for this application?

Yes

Bilingual Language(s):

Spanish

TCEQ Core Data Form Submitted?(Required)

Yes

Has any information changed on the TCEQ Core Data Form since the last submittal?

Yes

Signature on Application Submitted?
(see Section I Instructions, Item c)

Yes

1. Individual, Corporation, or Other Legal Entity Name on the Permit - must match the Secretary of State's database records for the Facility).
2. The legal name and address must match the Core Data Form.
3. If the application is submitted on behalf of a corporation, please identify the Charter Number as recorded with the Office of the Secretary of State for Texas.
4. The operator has the duty to submit an application if the facility is owned by one person and operated by another [30 TAC 305.43(b)]. The permit will specify the operator and the owner who is listed on Part A of this application [Section 361.087, Texas Health and Safety Code].
5. If the application is submitted by a corporation or by a person residing out of state, the applicant register an Agent in Service or Agent of Service with the Texas Secretary of State's office and provide a complete mailing address for the agent. The agent must be a Texas resident.
6. For applications for new permits, renewals, major amendments and Class 3 modifications a copy of the administratively complete application must be made available at a public place in the county where the facility is, or will be, located for review and copying by the public. Identify the public place in the county (e.g., public library, county court house, city hall), including the address, where the application will be made available for review and copying by the public.
7. For confidential information cross-reference the confidential material throughout the application to Section XIII: Confidential Material, and submit as a separate Section XIII document or binder conspicuously marked "CONFIDENTIAL".
8. Use the segments line map created by [TCEQ GIS Team](#) to find the Segment Name and Basin Name.
9. Use only for a new commercial hazardous waste management facility or areal expansion of an existing hazardous waste management facility or unit of that facility as defined in 30 TAC 335.202.

Table I.1-Description of Proposed Application Changes

Permit/Compliance Plan Application Appendix/Section	Brief Description of Proposed Change	Modification or Amendment Type	Supporting Regulatory Citation
Part B, Section III, Appendix III.B.	Removal of personnel training requirements	Class 2	30 TAC 305.69(k)(B)(5)(a)
Part B, Section VI., Appendix VI.B and Table VI.B.3.b	Updated survey information for detection monitoring wells	Class 1	30 TAC 305.69(k)(A)(1)
Part B Section VI. Geology Report VI.B.3. - Description of Monitoring Program	Updated to remove the groundwater gauging requirements of nineteen monitoring wells located at the ExxonMobil Beaumont Refinery.	Class 2	30 TAC 305.69(k)(C)(1)(a)
Part B, Section VI., Appendix VI.C and Table VI.B.3.c	Updated to include field parameters specified in Provision D.2.d.(2) of the permit	Class 1	30 TAC 305.69(k)(A)(1)



TCEQ Use Only

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SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600126502		RN 101622876

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership				
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)				
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).				
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>	
Lower Neches Valley Authority				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits) 74-6000299	10. DUNS Number (if applicable)	
11. Type of Customer:		<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees			13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following				
<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:				
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant				
15. Mailing Address:	P.O. Box 5117			
	City	Beaumont	State	TX
	ZIP	77726	ZIP + 4	5117
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If 'New Regulated Entity' is selected, a new permit application is also required.)
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

LNVA North Regional Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

2655 Gulf States Road

City

Beaumont

State

TX

ZIP

77701

ZIP + 4

24. County

Jefferson

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:**26. Nearest City****State****Nearest ZIP Code**

Beaumont

TX

77701

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

30.06250

28. Longitude (W) In Decimal:

-94.061111

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30

03

45

94

03

40

29. Primary SIC Code

(4 digits)

30. Secondary SIC Code

(4 digits)

31. Primary NAICS Code

(5 or 6 digits)

32. Secondary NAICS Code

(5 or 6 digits)

4952

221320

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Biological treatment of ind. wastewater

34. Mailing Address:

P.O. Box 6045

City

Beaumont

State

TX

ZIP

77725

ZIP + 4

6045

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number** (if applicable)

(409) 833-6446

(409) 833-5462

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Emissions Inventory Air	<input checked="" type="checkbox"/> Industrial Hazardous Waste
			JE0320T	35045, 50349
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
	4824500174			
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ0001727000			

SECTION IV: Preparer Information

40. Name:	Jesse Eastep	41. Title:	LNVA Utilities Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(409) 833-6446		(409) 833-5462	[REDACTED]

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Lower Neches Valley Authority	Job Title:	General Manager
Name (In Print):	Scott Hall, P.E.	Phone:	(409) 892- 4011
Signature:		Date:	4-9-25



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 601669559		RN 101622876

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		6/9/2025	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below:					
Neches River Treatment Corporation					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
0003501906		11327612922		13-2761292	
10. DUNS Number (if applicable)		18-731-1691			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
12. Number of Employees			13. Independently Owned and Operated?		
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:		P.O. Box 3311			
City		Beaumont		State TX	
ZIP		77704		ZIP + 4 3311	
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)		
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If 'New Regulated Entity' is selected, a new permit application is also required.)
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

LNVA North Regional Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

2655 Gulf States Road

City

Beaumont

State

TX

ZIP

77701

ZIP + 4

24. County

Jefferson

If no Street Address is provided, fields 25-28 are required.

25. Description to**Physical Location:****26. Nearest City****State****Nearest ZIP Code**

Beaumont

TX

77701

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

30.06250

28. Longitude (W) In Decimal:

-94.061111

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30

03

45

94

03

40

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

4952

221320

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Industrial Wastewater Treatment

34. Mailing

P.O. Box 6045

Address:

City

Beaumont

State

TX

ZIP

77725

ZIP + 4

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number** (if applicable)

(409) 833-6446

() -

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input checked="" type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Jesse L. Eastep	41. Title:	LNVA utilities Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(409) 833-6446		()	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Neches River Treatment Corporation	Job Title:	Vice President
Name (In Print):	David M. Gorsich	Phone:	(409) 269- 9756
Signature:		Date:	4-16-25

Signature Page

I, Scott Hall, PE, General Manager - Lower Neches Valley Authority,
(Operator) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Scott Hall Date: 4-9-25

To be completed by the Operator if the application is signed by an Authorized Representative for the Operator

I, _____, hereby designate _____
[Print or Type Name] [Print or Type Name]

as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Printed or Typed Name of Operator or Principal Executive Officer

Signature

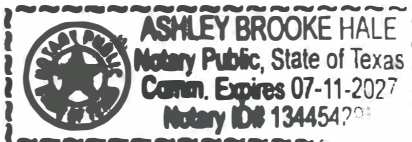
SUBSCRIBED AND SWORN to before me by the said Scott Hall

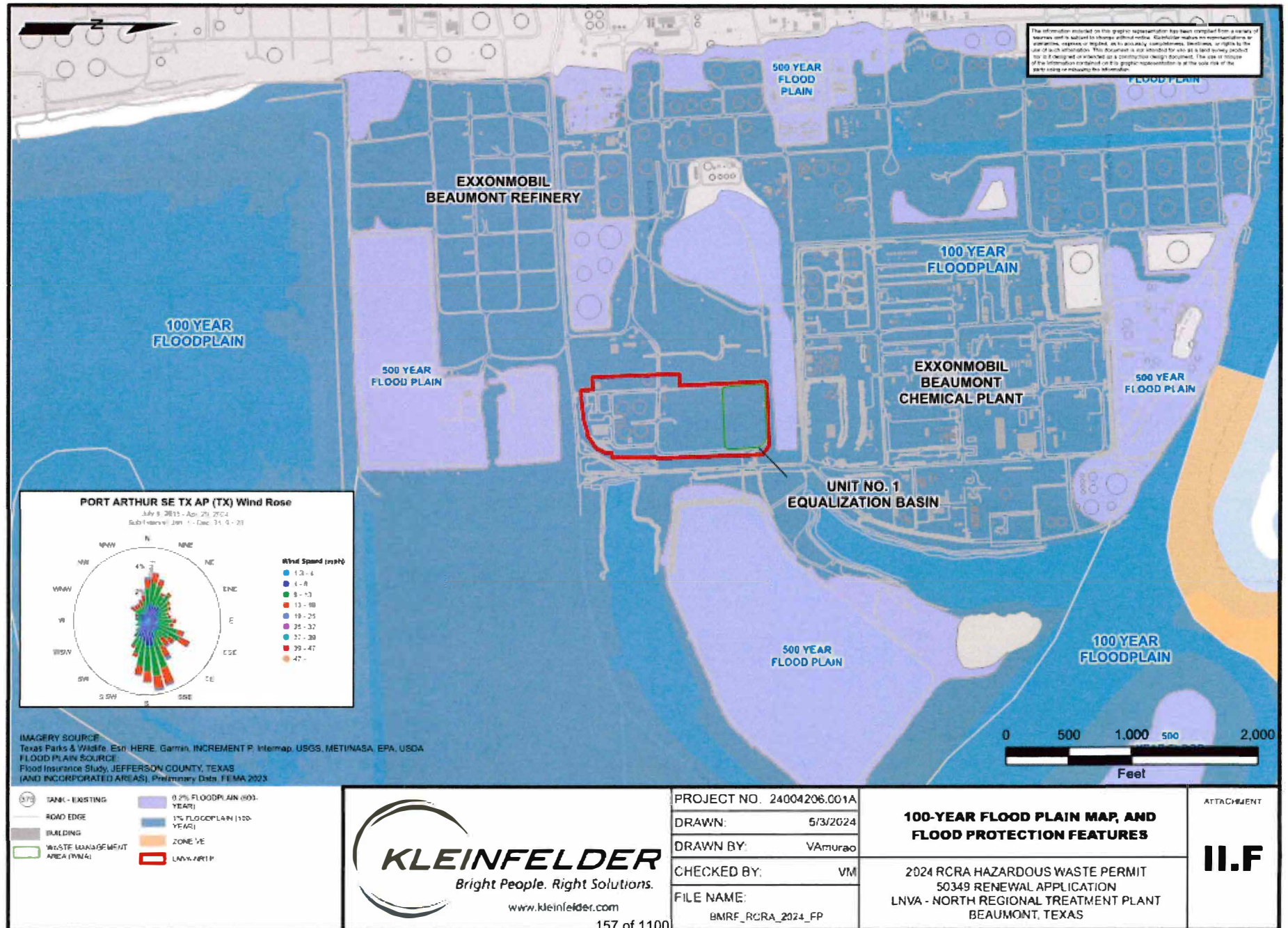
On this NINTH day of APRIL, 2025

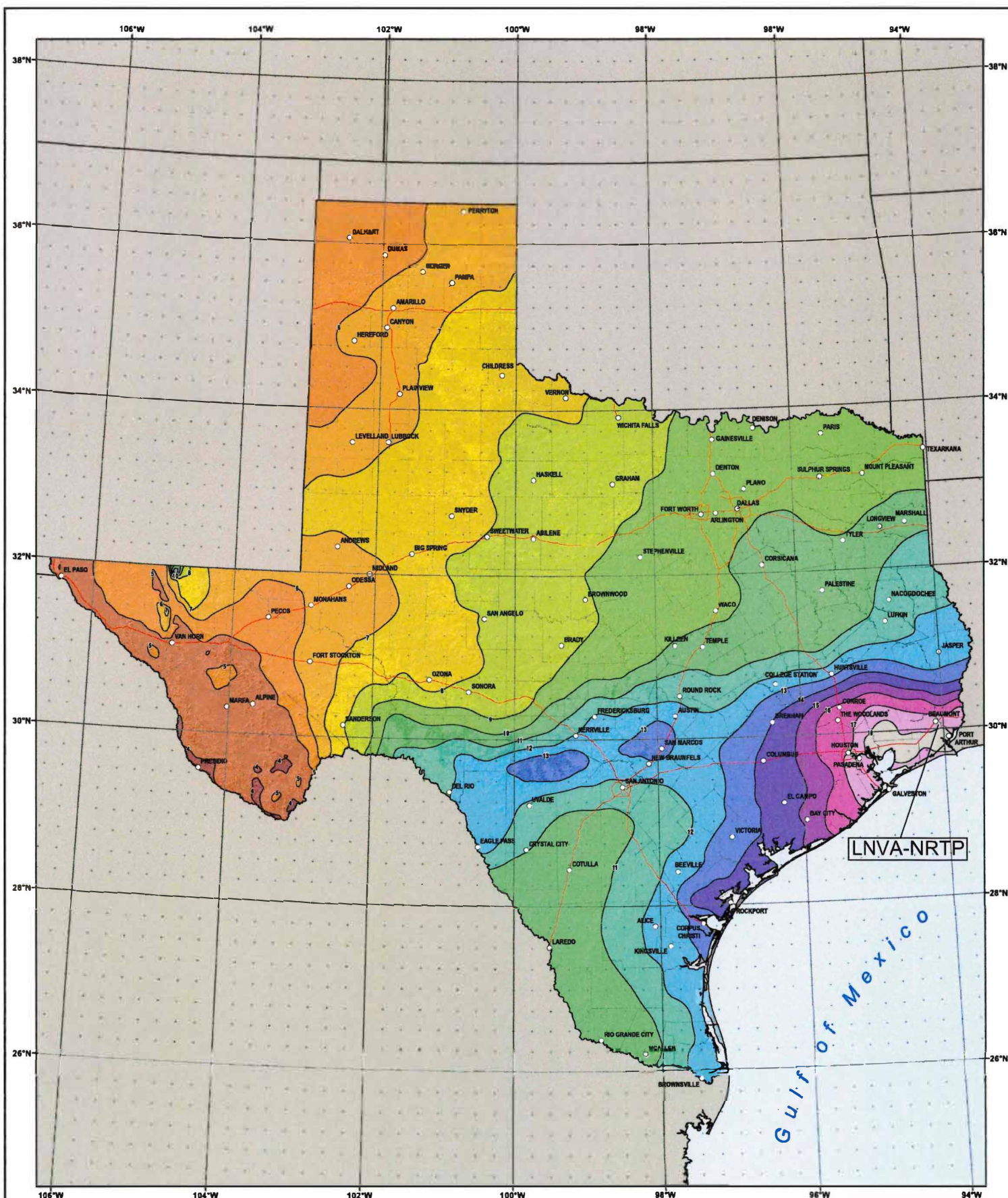
My commission expires on the ELEVENTH day of JULY, 2027

Notary Public in and for JEFFERSON County, Texas
[Note: Application Must Bear Signature & Seal of Notary Public]

Ashley Brooke Hale







NOAA Atlas 14, Volume 11, Version 2
Texas

TEXAS

Isopluvials of 100-year 24-hour precipitation in inches

157b of 1100
SCALE 1:3,250,000



Prepared by U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
OFFICE OF WATER PREDICTION
HYDROMETEOROLOGICAL DESIGN STUDIES CENTER
September 2018



Projection: Lambert Conformal Conic, Datum: NAD83, Standard Parallels: 36°N and 41°N, Central Meridian: 96°W.





NOAA Atlas 14, Volume 11, Version 2
Location name: Beaumont, Texas, USA*
Latitude: 30.0689°, Longitude: -94.2928°
Elevation: 34 ft**
* source: ESRI Maps
** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sandra Pavlovic, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Orlan Wilhite

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aerals](#)

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches) ¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.518 (0.392-0.684)	0.605 (0.463-0.792)	0.748 (0.570-0.983)	0.865 (0.649-1.15)	1.03 (0.742-1.40)	1.14 (0.807-1.61)	1.27 (0.876-1.84)	1.42 (0.955-2.12)	1.64 (1.07-2.53)	1.82 (1.16-2.88)
10-min	0.819 (0.620-1.08)	0.959 (0.733-1.26)	1.19 (0.906-1.56)	1.38 (1.03-1.84)	1.64 (1.19-2.24)	1.83 (1.30-2.58)	2.03 (1.40-2.94)	2.24 (1.51-3.34)	2.53 (1.64-3.90)	2.75 (1.74-4.35)
15-min	1.05 (0.792-1.38)	1.22 (0.931-1.60)	1.50 (1.14-1.97)	1.73 (1.30-2.31)	2.05 (1.48-2.80)	2.28 (1.61-3.21)	2.52 (1.74-3.66)	2.79 (1.88-4.16)	3.17 (2.06-4.89)	3.48 (2.20-5.50)
30-min	1.50 (1.14-1.99)	1.74 (1.33-2.28)	2.13 (1.62-2.80)	2.45 (1.84-3.26)	2.88 (2.08-3.94)	3.20 (2.26-4.50)	3.54 (2.44-5.13)	3.94 (2.65-5.87)	4.54 (2.95-7.01)	5.04 (3.19-7.96)
60-min	1.98 (1.50-2.62)	2.31 (1.77-3.03)	2.86 (2.18-3.76)	3.31 (2.48-4.41)	3.93 (2.83-5.35)	4.37 (3.08-6.14)	4.86 (3.35-7.05)	5.47 (3.68-8.16)	6.41 (4.17-9.91)	7.23 (4.57-11.4)
2-hr	2.39 (1.82-3.15)	2.91 (2.22-3.76)	3.72 (2.85-4.86)	4.42 (3.33-5.87)	5.40 (3.92-7.35)	6.15 (4.35-8.62)	6.97 (4.82-10.1)	7.95 (5.37-11.8)	9.44 (6.16-14.5)	10.7 (6.80-16.9)
3-hr	2.61 (1.99-3.43)	3.26 (2.49-4.18)	4.28 (3.28-5.57)	5.17 (3.90-6.84)	6.44 (4.70-8.76)	7.44 (5.29-10.4)	8.54 (5.93-12.3)	9.83 (6.65-14.6)	11.8 (7.68-18.0)	13.4 (8.52-21.0)
6-hr	3.01 (2.30-3.94)	3.91 (2.96-4.92)	5.25 (4.03-6.79)	6.47 (4.91-8.54)	8.27 (6.08-11.3)	9.75 (6.97-13.6)	11.4 (7.94-16.4)	13.3 (9.02-19.6)	16.1 (10.6-24.6)	18.5 (11.8-28.9)
12-hr	3.47 (2.66-4.51)	4.60 (3.46-5.69)	6.22 (4.78-7.99)	7.76 (5.91-10.2)	10.1 (7.45-13.7)	12.1 (8.69-16.9)	14.4 (10.0-20.6)	17.1 (11.6-25.0)	21.2 (13.9-32.3)	24.7 (15.8-38.5)
24-hr	3.96 (3.05-5.13)	5.33 (3.98-6.49)	7.24 (5.58-9.24)	9.11 (6.97-11.9)	12.0 (8.93-16.3)	14.6 (10.5-20.3)	17.6 (12.3-25.0)	21.1 (14.4-30.9)	26.6 (17.6-40.4)	31.4 (20.2-48.8)
2-day	4.45 (3.44-5.74)	6.09 (4.53-7.30)	8.30 (6.42-10.5)	10.6 (8.10-13.8)	14.1 (10.5-19.1)	17.3 (12.6-24.1)	21.0 (14.8-29.8)	25.4 (17.4-36.9)	32.1 (21.2-48.4)	37.8 (24.4-58.5)
3-day	4.81 (3.74-6.20)	6.60 (4.91-7.88)	9.01 (6.98-11.4)	11.5 (8.82-14.9)	15.3 (11.5-20.7)	18.8 (13.8-26.2)	23.0 (16.2-32.6)	27.7 (19.0-40.2)	34.8 (23.1-52.5)	40.9 (26.5-63.1)
4-day	5.13 (3.99-6.60)	7.02 (5.23-8.36)	9.54 (7.40-12.1)	12.1 (9.34-15.7)	16.2 (12.2-21.9)	19.9 (14.6-27.7)	24.3 (17.2-34.3)	29.2 (20.0-42.2)	36.5 (24.2-54.8)	42.6 (27.6-65.7)
7-day	5.92 (4.62-7.59)	7.96 (5.96-9.49)	10.7 (8.32-13.5)	13.5 (10.4-17.4)	17.9 (13.5-24.1)	21.9 (16.1-30.4)	26.6 (18.8-37.4)	31.7 (21.8-45.7)	39.2 (26.1-58.8)	45.5 (29.6-69.9)
10-day	6.60 (5.16-8.45)	8.74 (6.59-10.5)	11.6 (9.08-14.7)	14.6 (11.3-18.8)	19.1 (14.5-25.8)	23.3 (17.2-32.2)	28.1 (20.0-39.5)	33.3 (23.0-47.9)	40.8 (27.2-61.0)	47.0 (30.6-72.1)
20-day	8.78 (6.90-11.2)	11.1 (8.52-13.5)	14.3 (11.2-18.0)	17.4 (13.6-22.4)	22.2 (16.8-29.6)	26.3 (19.4-36.2)	31.0 (22.1-43.5)	36.1 (25.0-51.8)	43.3 (29.0-64.5)	49.2 (32.2-75.3)
30-day	10.7 (8.41-13.6)	13.1 (10.2-16.1)	16.6 (13.1-20.9)	19.8 (15.5-25.5)	24.7 (18.7-32.8)	28.8 (21.2-39.3)	33.3 (23.8-46.5)	38.1 (26.5-54.7)	45.1 (30.3-67.0)	50.7 (33.2-77.4)
45-day	13.6 (10.8-17.3)	16.2 (12.8-20.2)	20.2 (16.0-25.4)	23.7 (18.5-30.3)	28.7 (21.7-37.9)	32.7 (24.1-44.4)	37.0 (26.5-51.6)	41.5 (29.0-59.4)	47.9 (32.3-71.0)	52.9 (34.8-80.6)
60-day	16.4 (13.0-20.7)	19.1 (15.2-23.9)	23.5 (18.7-29.6)	27.2 (21.3-34.8)	32.4 (24.5-42.6)	36.3 (26.8-49.2)	40.4 (29.0-56.2)	44.6 (31.2-63.8)	50.4 (34.0-74.6)	54.8 (36.1-83.4)

¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

**LOWER NECHES VALLEY AUTHORITY
NORTH REGIONAL TREATMENT PLANT**

**Appendix III.C.
Security**

Hazardous Waste Permit No. 50349

The security measures maintained by the Lower Neches Valley Authority - North Regional Treatment Plant (LNVA-NRTP) meet the requirements of 40 Code of Federal Regulations (CFR) §264.14. A description of these security procedures is presented herein.

Security Procedures and Equipment

Security for the LNVA-NRTP facility is provided by surveillance, fencing, gates, and natural barriers. Lighting and warning signs are provided throughout the site.

Surveillance System

A 24-hour surveillance system is in place with the around-the-clock staffing of the LNVA-NRTP for operational purposes. The on-site facility personnel monitor and control entry onto any portion of the facility. Operational personnel physically check the facility grounds at least every four hours to ensure that the facility is secure.

Natural and Artificial Barriers

The LNVA-NRTP is completely surrounded by natural and/or artificial barriers. An eight-foot high chain-link fence topped with barbed wire surrounds the west and south boundaries of the facility and is supplemented by the adjacent ExxonMobil Oil Refinery's security fence that extends along the north and east side of the LNVA-NRTP facility. This fencing, along with the ExxonMobil closed Primary Impoundment Basin (PIB) to the north of the LNVA-NRTP, forms a continuous artificial barrier around the LNVA-NRTP facility.

Means of Entry Control

Personnel and vehicle entry is controlled by locked and/or controlled-access drive-through gates. Access to the LNVA-NRTP facility requires approved authorization by plant personnel. Facility personnel are on duty 24 hours a day to monitor persons and vehicles entering or exiting the site. Unauthorized personnel will not be allowed entry, and personnel/visitors with restricted entry will be monitored to ensure they do not encroach upon areas they are not authorized to enter. All visitors to the LNVA-NRTP must register at the main office building upon entering and leaving the facility. Operations personnel inspect the fence line and locked gates during each shift for evidence of unauthorized entry or damage.

Warning Signs

Warning signs bearing the legend "Danger-Unauthorized Personnel Keep Out" have been placed at strategic locations throughout the LNVA-NRTP. These signs are constructed so that they are legible from a distance of 25 feet.

Waiver

A waiver from the specific security provisions of 40 CFR §264.14(b) for the Equalization Basin (EQB) was approved by the TCEQ with the issuance of the Hazardous Waste Permit No. 50349 on June 9, 2015. The waiver was granted based on the following justification:

- The EQB is located on site within the boundaries of the LNVA-NRTP facility. As previously indicated, the plant provides a comprehensive security system comprised of fencing, controlled-access gates, artificial barriers, and security patrol by plant operations personnel;
- The EQB is located in an isolated area of the LNVA-NRTP that is dedicated to waste management activities (*i.e.*, inspections, maintenance, and groundwater monitoring); and
- Access to the LNVA-NRTP facility (and the EQB) is limited and intrusion by unauthorized or unknowing individuals is extremely unlikely. There is little or no risk that an intruder could make physical contact with hazardous waste with or cause a release from the EQB (or damage equipment associated with the EQB).

Table III.D- Inspection Schedule

Facility Unit(s) and Basic Elements	Possible Error, Malfunction, or Deterioration	Frequency of Inspection
Perimeter Fence, Gates, Locks, and Warning	Damaged fence, defective gate, locking device in bad condition, warning signs not in place or illegible	Annual
TCEQ Permit Unit No. 1 (Equalization Basin)		
Cap System	Erosion/washout, depression/sink holes/ponding, desiccant cracks, bare spots in grass, deep-rooted weed growth, grass needs mowing, slope/grading configuration collapse or failure	Semiannual and after any major storm event of greater than 1 inch of rainfall in 24 hours
Run-off Control System	Perimeter drainage system needs repair, cleaning, or re-grading	Semiannual
Groundwater Monitoring System	Well damage, casing failure, well caps/locks/I.D. labels not in place	Semiannual
Monuments and Benchmarks	Settlement/subsidence of cap, monument elevation changes, damage to monuments	Annual Benchmark inspection at 5-year intervals by a Texas registered surveyor

Table VI.A.1. - Major Geologic Formations

Names Of Major Geologic Formation(s) Beneath The Facility	Lithology Of The Major Geologic Formation	Formation Thickness (Feet)	Depth To Top Of Formation	
			Feet/MSL ⁽¹⁾	Feet/BGS ⁽²⁾
Holocene Alluvium	Fluvial and marine deposits of interbedded sand, silt, and clay	50	10	0
Pleistocene Units: · Beaumont Clay Formation · Lissie Formation (including Montgomery and Bentley Formations) · Willis Sand	Thick beds of sand containing lentils of gravel and layers of sand, silt, and clay	800	-40	50
Pliocene Goliad Sand	Sand and calcareous sandstone interbedded with gravel and variegated clay and silt	2,000	-840	850
Miocene Fleming Formation	Terrigenous clastic sediments consisting of thick clay beds interspersed with thinner lenses of sand	400	-2,840	2,850

(1) MSL: Mean Sea Level

(2) BGS: Below Grade Surface



**ADDENDUM TO THE GROUNDWATER MONITORING
SUMMARY
(SEPTEMBER 25, 1991, AND MAY 2014 MODIFICATION)
LOWER NECHES VALLEY AUTHORITY
BEAUMONT, TEXAS
HAZARDOUS WASTE PERMIT NO. 50349
INDUSTRIAL SOLID WASTE REGISTRATION NO. 35045
KLEINFELDER PROJECT #24004206.001A**

APRIL 9, 2025

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**ONLY THE CLIENT OR ITS DESIGNATED REPRESENTATIVES MAY USE THIS DOCUMENT AND ONLY FOR THE SPECIFIC PROJECT FOR WHICH THIS
REPORT WAS PREPARED.**



A Report Prepared for:

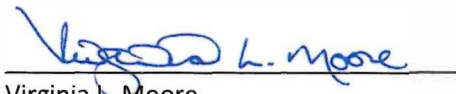
Lower Neches Valley Authority
North Regional Treatment Plant
Beaumont, Texas

**ADDENDUM TO THE GROUNDWATER MONITORING SUMMARY
(SEPTEMBER 25, 1991, AND MAY 2014 MODIFICATION)
LOWER NECHES VALLEY AUTHORITY
BEAUMONT, TEXAS
HAZARDOUS WASTE PERMIT NO. 50349
INDUSTRIAL SOLID WASTE REGISTRATION NO. 35045**

Prepared by:


Wendall Honeycutt, PG
Principal Professional

Reviewed by:


Virginia L. Moore
Program Manager

KLEINFELDER

Texas Registered Engineering Firm F-16438
12000 Aerospace Avenue, Suite 450
Houston, Texas 77034
Phone: 281.922.4766
Fax: 281.922.4767

April 9, 2025
Kleinfelder Project No: 24004206.001A

**ADDENDUM TO THE GROUNDWATER MONITORING SUMMARY
(SEPTEMBER 25, 1991 AND MAY 2014 MODIFICATION)
LOWER NECHES VALLEY AUTHORITY
BEAUMONT, TEXAS
HAZARDOUS WASTE PERMIT NO. 50349
INDUSTRIAL SOLID WASTE REGISTRATION NO. 35045**

1 INTRODUCTION AND BACKGROUND

The 1991 Groundwater Monitoring Summary included provisions for obtaining potentiometric data by gauging the depths to groundwater at twenty-one (21) monitoring wells located at the Lower Neches Valley Authority (LNVA) and at the adjoining ExxonMobil Beaumont Refinery facilities. However, these wells were not included as piezometers that required groundwater gauging in the detection monitoring requirements (Table VI.B.3.b) of the hazardous waste permit for the LNVA facility.

Section 3.2.2 – Potentiometric Data of the Groundwater Monitoring Summary includes the gauging of groundwater at nineteen (19) monitoring wells located at the Beaumont Refinery and two (2) monitoring wells (MR-941 and MR-942) located at the LNVA facility. In addition to the two LNVA monitoring wells, eight point of compliance (POC) monitoring wells at the LNVA facility are also gauged as described in Section 3.2.1 – Detection Monitoring System of the 1991 Groundwater Monitoring Summary. In addition to gauging, groundwater samples are collected from the eight POC wells and the samples are submitted to a laboratory for analysis as described in the Groundwater Monitoring Summary and the Sampling and Analysis Plan (SAP).

As stated above, nineteen (19) monitoring wells used to develop historical potentiometric maps and located at the LNVA and the adjoining ExxonMobil Beaumont Refinery facilities were not included as part of the Detection Monitoring Program (Table VI.B.3.b) in the June 9, 2015 Resource Conservation and Recovery Act (RCRA) Permit Renewal approved by the Texas Commission on Environmental Quality. Therefore, this addendum to the Groundwater Monitoring Summary was prepared to remove the groundwater gauging requirements for the nineteen monitoring wells located at the Beaumont Refinery. This will limit groundwater gauging for detection monitoring purposes to ten (10) monitoring wells (eight POC wells and two additional monitoring wells) located on the LNVA facility.

Prior to 2018, the 19 groundwater wells associated with the ExxonMobil Beaumont Refinery were gauged on a quarterly basis. The data from the 19 wells, along with gauging data from the LNVA-NRTP's Unit Detection Monitoring System-related groundwater wells, was used to develop a potentiometric

map to reflect potentiometric data in the vicinity of the LNVA-NRTP. Since 2018, the 19 groundwater wells are gauged on a semi-annual basis in January and July in accordance with the ExxonMobil Beaumont Refinery RCRA permit No. 50139. A potentiometric map for the entire ExxonMobil Refinery complex including the LNVA-NRTP is included in the ExxonMobil Beaumont Refinery Corrective Action Report that is submitted to the TCEQ in January of each year.

In a Response to Comments – Annual Detection Monitoring Report (Year 2016), dated February 1, 2017 letter to the TCEQ, the LNVA responded to comments regarding the water level gauging data used to develop potentiometric maps for the facility. In 2016, 19 groundwater wells associated with the ExxonMobil Beaumont Refinery and wells associated with the LNVA-NRTP were gauged in June 2016; the data was used “to develop a more comprehensive basis for constructing a representative potentiometric map for the LNVA-NRTP facility and the surrounding area.” While the data used did develop a comprehensive potentiometric map, it was not always reflective of groundwater flow related to the LNVA-NRTP.

Since 2018, the potentiometric map for the LNVA-NRTP has been generated using groundwater elevation data from ten (10) groundwater monitoring wells located within the LNVA-NRTP property boundary; eight (8) of the groundwater monitoring wells comprise the LNVA-NRTP’s Unit Groundwater Detection Monitoring System. The data gathered reflects accurate groundwater potentiometric data as it shows the direction of groundwater flow is radially inward toward the Main Aeration Basin (MAB) located due south of the closed Equalization Basin. This radially inward flow results from the water table drawdown effect caused by the continuous aeration process being conducted within the MAB.

It should be noted that a January 9, 2017 telephone conversation was held between the LNVA-NRTP’s consultant at that time and the TCEQ. During this conversation, the TCEQ’s comments were discussed and resolved; however, a complete account of the conversation was not documented. An excerpt of the February 1, 2017 response is provided herein as documentation.

In accordance with Section VI.B requirements, recent groundwater gauging data for the period from 2018 to 2023 is also included in this Addendum to the Groundwater Monitoring Summary.

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Table VI.B.3.c. - Groundwater Detection Monitoring Parameters

Unit/Waste Management Area Equalization Basin

Well No(s): MR-878, MR-914, MR-915, MR-916, MR-917, MR-945, MR-946, MR-947

Parameter	Sampling Frequency	Analytical Method	Method Detection Limit (MDL) or Method Quantification Limit (MQL) Value, (units), MDL or MQL ²	Concentration Limit ¹
Barium	Annual	EPA Method 200.7; EPA Method 200.8; SW-846 Method 6010; SW-846 Method 6020	0.02 mg/L	Control chart parameter exceedance (*Z>SCL or S>h)
Zinc	Annual	EPA Method 200.7; EPA Method 200.8; SW-846 Method 6010; SW-846 Method 6020	0.005 mg/L	Control chart parameter exceedance (*Z>SCL or S>h)
Chromium	Annual	EPA Method 200.7; EPA Method 200.8; SW-846 Method 6010; SW-846 Method 6020	0.005 mg/L	0.005 mg/L
Lead	Annual	EPA Method 200.7; EPA Method 200.8; SW-846 Method 6010; SW-846 Method 6020	0.005 mg/L	0.005 mg/L
Benzene	Annual	SW-846 Method 8260	0.005 mg/L	0.010 mg/L
Trichloroethylene	Annual	SW-846 Method 8260	0.005 mg/L	0.010 mg/L

Parameter	Sampling Frequency	Analytical Method	Method Detection Limit (MDL) or Method Quantification Limit (MQL) Value, (units), MDL or MQL ²	Concentration Limit ¹
Toluene	Annual	SW-846 Method 8260	0.005 mg/L	0.010 mg/L
pH*	Annual	SN 4500 H+B	0.01 pH units	Not Applicable
Temperature*	Annual	Not Applicable	Not Applicable	Not Applicable
Specific Conductivity*	Annual	SW846 9050A	10 mhoc/cm	Not Applicable
Turbidity*	Annual	180.1	1 NTU	Not Applicable

1. The concentration limit is the basis for determining whether a release has occurred from the waste management unit/area.
2. a. Enter the laboratory expected *Method Detection Limit* if determination of *Statistically Significant Increase* (SSI) occurrence is based on detection of the presence of the constituent of concern in the sample.
3. b. Enter the laboratory expected Method Quantification Limit if determination of SSI is based on statistical analysis of detection monitoring data or direct comparison to a limit value.

This should be based on the laboratory's minimum expected level of performance. Please designate which type of limit has been entered for each constituent, with its value and units.

- * Field parameter used to determine when to collect groundwater samples during low flow purging activities in accordance with the Sampling and Analysis Plan. These field parameters, collected while using low-flow techniques to purge groundwater from wells, are not used for release determinations. Statistical analysis is not required for these parameters.