



# **Administrative Package Cover Page**

**This file contains the following documents:**

1. Summary of application (in plain language)
2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
3. Application Materials



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

### **SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS**

Arkansas Electric Cooperative Company (CN606375517) proposes to operate Naples Power Plant (RN112194527), an electric peaking facility. The facility will be located at State Highway 77, approximately a third of a mile southeast of the intersection of State Highway 77 and County Road 4314, in Naples, Morris County, Texas 75571. This application is for a new permit to discharge intermittent and variable volume of evaporative cooler blowdown, plant and equipment washdown, multimedia filter backwash, and stormwater via Outfall 001.

Discharges from the facility are expected to contain suspended solids and oil and grease. Plant and equipment washdown and stormwater from areas with the potential to contact oil will be treated by an oil water separator before commingling with the evaporative cooler blowdown, multimedia filter backwash, and stormwater which is then routed the onsite pond for settling of solids prior to discharge via Outfall 001.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT

**PROPOSED PERMIT NO. WQ0005489000**

**APPLICATION.** Arkansas Electric Cooperative Corporation, P.O. Box 194208, Little Rock, Arkansas 72219, which will own an electric generation facility, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0005489000 (EPA I.D. No. TX0147885) to authorize the discharge of treated wastewater and stormwater at an intermittent and flow-variable volume. The facility will be located approximately 0.33 miles southeast of the intersection of State Highway 77 and County Road 4314, near the city of Naples, in Morris County, Texas 75571. The discharge route will be from the plant site to Mary Lees Branch, thence to White Oak Creek, thence to Sulphur/South Sulphur River. TCEQ received this application on May 14, 2025. The permit application will be available for viewing and copying at Naples City Hall, 205 East Main Street, Naples, in Morris County, Texas, prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.701666,33.2225&level=18>

**ADDITIONAL NOTICE.** TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

**PUBLIC COMMENT / PUBLIC MEETING.** You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

**OPPORTUNITY FOR A CONTESTED CASE HEARING.** After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a

response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application.** If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

**TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST:** your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

**MAILING LIST.** If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

**INFORMATION AVAILABLE ONLINE.** For details about the status of the application, visit the Commissioners' Integrated Database at [www.tceq.texas.gov/goto/cid](http://www.tceq.texas.gov/goto/cid). Search the database using the permit number for this application, which is provided at the top of this notice.

**AGENCY CONTACTS AND INFORMATION.** All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will



become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at [www.tceq.texas.gov/goto/pep](http://www.tceq.texas.gov/goto/pep). Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Arkansas Electric Cooperative Corporation at the address stated above or by calling Mr. Stephen Cain, Director - Compliance & Support, at 501-570-2420.

Issuance Date: May 22, 2025

## Leah Whallon

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**From:** Denney, Kara Lee F <kfdenney@burnsmcd.com>  
**Sent:** Wednesday, May 21, 2025 3:38 PM  
**To:** Leah Whallon; Taylor, Madison  
**Cc:** Stephen Cain; Howell, Chris  
**Subject:** RE: Application for Proposed Permit No. WQ0005489000; Arkansas Electric Cooperative Corporation; Naples Power Plant  
**Attachments:** Admin NOD Response 05.21.25.pdf; Attachment F - Mailing Labels.docx  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Afternoon,

Please see the attached response to the NOD which includes our response to the comments and the updated application documents as requested.

**Kara Denney \ Burns & McDonnell**  
Senior Compliance Specialist \ Environmental Services Group  
Pronouns: she, her, hers  
M 512-632-9915  
[kfdenney@burnsmcd.com](mailto:kfdenney@burnsmcd.com) \ [burnsmcd.com](http://burnsmcd.com)  
Suite 2300 \ 444 Flower St \ Los Angeles, California 90071

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**From:** Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>  
**Sent:** Tuesday, May 20, 2025 8:22 AM  
**To:** Denney, Kara Lee F <kfdenney@burnsmcd.com>; Taylor, Madison <mtaylor3@burnsmcd.com>  
**Subject:** Application for Proposed Permit No. WQ0005489000; Arkansas Electric Cooperative Corporation; Naples Power Plant

Good Morning,

Please see the attached Notice of Deficiency letter dated May 20, 2025 requesting additional information needed to declare the application administratively complete. Please send the complete response by June 3, 2025.

Please let me know if you have any questions.

Thank you,



**Leah Whallon**  
Texas Commission on Environmental Quality  
Water Quality Division  
512-239-0084  
[leah.whallon@tceq.texas.gov](mailto:leah.whallon@tceq.texas.gov)

May 21, 2025

Leah Whallon  
Applications Review  
Water Quality Division, TCEQ  
12015 Park 35 Cir  
Austin, TX 78753

RE: Response to Notice of Deficiency for the proposed Arkansas Electric Cooperative Corporation, Naples Power Plant WQ0005489000

Dear Ms. Leah Whallon,

This letter is in response to the Notice of Deficiency letter dated May 20, 2025 that requested additional information necessary to declare the application administratively complete for the proposed Arkansas Electric Cooperative Corporation, Naples Power Plant WQ0005489000. Please see the response to the TCEQ's requests, the application forms and figures that were requested to be modified are attached and our responses are show below in italicizes.

**1. Core Data Form, Section III, Item 26**

The nearest zip code listed is 75568 but could not be confirmed. The nearest zip code to the proposed facility location appears to be 75571, which is also listed in the plain language summary. Please confirm the nearest zip code and provide an updated page 2 of the core data.

*The zip code has been confirmed to be 75571, please see the updated Core Data Form.*

**2. Administrative Report 1.1**

The affected landowner map and cross-reference list appear to have several inconsistencies in the parcel numbering and owner information. Please provide an updated affected landowner map that clearly shows and labels the applicant's property boundary and clearly numbers all adjacent and downstream properties. Please also provide an updated cross-reference list, numbered to be consistent with the map, and the updated list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

*The Affected Landowner Map and associated Landowner List have been updated using the recently updated Morris County Appraisal District data that reflects the AECC purchase of the property that the Naples Power Plant will be located. Additionally, mailing labels in Avery 5160 format have been included.*

**3. NORI Language Review**

*Please see our minor language suggestions to the below NORI language in red. Otherwise, the NORI language is accurate and reflective of the application contents and proposed facility activities.*

APPLICATION. Arkansas Electric Cooperative Corporation, P.O. Box 194208, Little Rock, Arkansas 72219, which will own an electric generation facility, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0005489000 (EPA I.D. No. TX0147885) to authorize the discharge of treated wastewater and stormwater on an intermittent and flow-variable volume. The facility will be located approximately 0.33 miles southeast of the intersection of State Highway 77 and County Road 4314, near the city of Naples, in Morris County, Texas 75571. The discharge route will be from the plant site to an unnamed tributary, thence to Mary Lees Branch, thence to White Oak Creek, thence to Sulphur/South Sulphur River (pending RWA). TCEQ received this application on May 14, 2025. The permit application will be available for viewing and copying at Naples City Hall, 205 East Main Street, Naples, in Morris County, Texas, prior to the date

this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

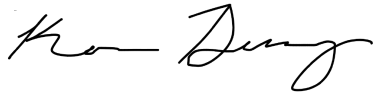
<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.701666,33.2225&level=18>

Further information may also be obtained from Arkansas Electric Cooperative Corporation at the address stated above or by calling Mr. Stephen Cain, Director - Compliance & Support, at 501-570-2420.

If you have any questions, please contact me at (512) 632-9915, [kfdenney@burnsmcd.com](mailto:kfdenney@burnsmcd.com)

Sincerely,

Kara Denney

A handwritten signature in black ink, appearing to read 'Kara Denney'.

Kara Denney  
Senior Compliance Specialist

<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number (if applicable)</b>
( 501 ) 570-2302		(   ) -

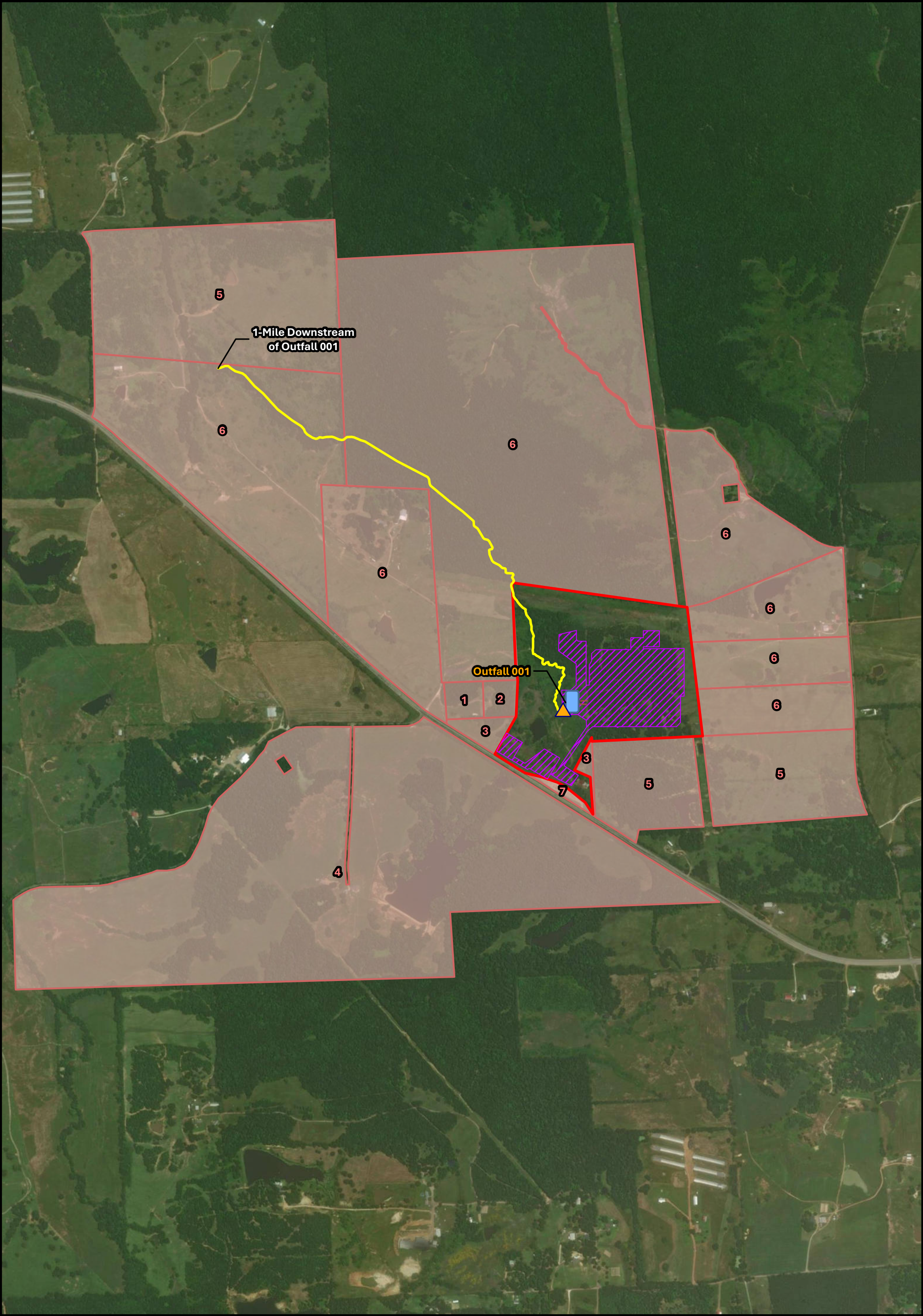
## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>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).</i>								
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)								
Naples Power Plant								
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)								
	City		State		ZIP		ZIP + 4	
<b>24. County</b>								

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

<b>25. Description to Physical Location:</b>	Located off State Highway 77, approximately a third of a mile southeast of the intersection of State Highway 77 and County Road 4314							
<b>26. Nearest City</b>	<b>State</b>				<b>Nearest ZIP Code</b>			
Naples	TX				75571			
<i>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).</i>								
<b>27. Latitude (N) In Decimal:</b>			<b>28. Longitude (W) In Decimal:</b>					
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
33	13	21.63	94	42	6.22			
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)			
4911			221112					
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Power Generation								
<b>34. Mailing Address:</b>	PO Box 194208							
	City	Little Rock	State	AR	ZIP	72219	ZIP + 4	
<b>35. E-Mail Address:</b>	Stephen.Cain@aecc.com							
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>		<b>38. Fax Number (if applicable)</b>					
( 501 ) 570-2420			(   ) -					





<div><div><div></div><div>Property Boundary</div></div><div><div></div><div>Facility Boundary</div></div><div><div></div><div>Detention Pond</div></div></div> <div><div><div></div><div>Outfall</div></div><div><div></div><div>Discharge Route</div></div><div><div></div><div>Adjacent Landowner</div></div></div>	<div><div><div><div></div><div>NORTH</div></div><div><div>1,100</div><div>550</div><div>0</div><div>1,100</div></div><div><div></div><div>Scale in Feet</div></div></div></div>	<div><div><div></div><div>BURNS</div><div>MCDONNELL™</div></div></div>	<div><div>Attachment F</div><div>Adjacent Landowner Map</div><div>Naples Power Plant</div><div>Arkansas Electric</div><div>Cooperative Corporation</div><div>Morris County, Texas</div></div>
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## Attachment F Adjacent Landowners

Map Number	Owner Name	Mailing Address	Mailing Address City	Mailing Address State	Mailing Address ZIP Code	Parcel Address
1	HOOD CHARLIE	401 MARTIN LUTHER KING BLVD	NAPLES	TX	75568	COUNTY ROAD 4314
2	HOOD WILLIE MRS N JOHN EST	509 WL DOC DODSON W	NAPLES	TX	75568	52 COUNTY ROAD 4314
3	INDUSTRIAL PALLET	100 COUNTY ROAD 4314	OMAHA	TX	75571	HWY 77
3	INDUSTRIAL PALLET	100 COUNTY ROAD 4314	OMAHA	TX	75571	HWY 77
4	SIX PINES LLC	1072 CREEK CROSSING	COPPELL	TX	75019	1898 COUNTY ROAD 3330
4	SIX PINES LLC	1072 CREEK CROSSING	COPPELL	TX	75019	1898 COUNTY ROAD 3330
5	VISSERING JAMES N ETAL	100 COUNTY ROAD 4314	OMAHA	TX	75571	COUNTY ROAD 3334 NORTH VILLAGE RD
5	VISSERING JAMES N ETAL	100 COUNTY ROAD 4314	OMAHA	TX	75571	COUNTY ROAD 4315 WHEATVILLE RD
5	VISSERING JAMES N ETAL	100 COUNTY ROAD 4314	OMAHA	TX	75571	COUNTY ROAD 4315 WHEATVILLE RD
6	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314	OMAHA	TX	75571	100 COUNTY ROAD 4314
6	VISSERING MARTIN	92 COUNTY ROAD 4314	OMAHA	TX	75571	100 COUNTY ROAD 4314
6	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314	OMAHA	TX	75571	1139 COUNTY ROAD 4315 WHEATVILLE RD
6	VISSERING MARTIN & LORA	100 COUNTY ROAD 4314	OMAHA	TX	75571	COUNTY ROAD 4315 WHEATVILLE RD
6	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314	OMAHA	TX	75571	1139 COUNTY ROAD 4315 WHEATVILLE RD
6	VISSERING MARTIN	92 COUNTY ROAD 4314	OMAHA	TX	75571	COUNTY ROAD 4315 WHEATVILLE RD
6	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314	OMAHA	TX	75571	100 COUNTY ROAD 4314
6	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314	OMAHA	TX	75571	1139 COUNTY ROAD 4315 WHEATVILLE RD
6	VISSERING MARTIN	92 COUNTY ROAD 4314	OMAHA	TX	75571	COUNTY ROAD 4315 WHEATVILLE RD



ARKANSAS ELECTRIC COOPERATIVE  
CORPORATION

# APPLICATION FOR A NEW TPDES PERMIT

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NAPLES POWER PLANT





May 14, 2025

Executive Director  
Application Review and Processing Team, MC-148  
Texas Commission on Environmental Quality

12100 Park 35 Circle  
Austin, Texas 78753

P.O. Box 13088  
Austin, Texas 78711-3088

**Re: Application For New TPDES Permit for Arkansas Electric Cooperative Corporation,  
Naples Generating Station**

To whom it may concern:

On behalf of Arkansas Electric Cooperative Corporation (AECC), Burns & McDonnell Engineering, Inc. (Burns & McDonnell) submits herein to the Texas Commission on Environmental Quality (TCEQ) one original copy of the enclosed application for a new Texas Pollutant Discharge Elimination System Permit.

The application fee has been submitted via TCEQ ePay system and a copy of the vouchers have been included with the enclosed application.

An electronic version has been submitted as required.

If you have any questions or need any additional information, please do not hesitate to reach out to me via email at [kfdenney@burnsmcd.com](mailto:kfdenney@burnsmcd.com) or via phone at (512) 632-9915.

Sincerely,

A handwritten signature in black ink, appearing to read "Kara Denney". The signature is fluid and cursive, with the first and last names being clearly legible.

Kara Denney  
Senior Compliance Specialist

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# Industrial Administrative Report 1.0

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## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

**Complete and submit this checklist with the industrial wastewater permit application.**

APPLICANT NAME: Arkansas Electric Cooperative Corporation

PERMIT NUMBER (If new, leave blank): WQ00 N/A

**Indicate if each of the following items is included in your application.**

	Y	N		Y	N
Administrative Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 8.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Administrative Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 9.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPIF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Core Data Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 11.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public Involvement Plan Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 11.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plain Language Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 11.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Technical Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Worksheet 11.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original USGS Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Affected Landowners Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Landowner Disk or Labels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Flow Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Site Drawing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 4.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Design Calculations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 4.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solids Management Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Balance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 7.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

For TCEQ Use Only

Segment Number \_\_\_\_\_ County \_\_\_\_\_

Expiration Date \_\_\_\_\_ Region \_\_\_\_\_

Permit Number \_\_\_\_\_



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## INDUSTRIAL WASTEWATER PERMIT APPLICATION

### ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use the Oil and Gas Exploration and Production Administrative Report ([TCEQ Form-20893 and 20893-inst<sup>1</sup>](#)).

#### Item 1. Application Information and Fees (Instructions, Page 26)

- a. Complete each field with the requested information, if applicable.

Applicant Name: Arkansas Electric Cooperative Corporation

Permit No.: WQ000 [Click to enter text.](#)

EPA ID No.: TX0 [Click to enter text.](#)

Expiration Date: [Click to enter text.](#)

- b. Check the box next to the appropriate authorization type.

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

- c. Check the box next to the appropriate facility status.

☐ Active

☒ Inactive

- d. Check the box next to the appropriate permit type.

☒ TPDES Permit

☐ TLAP

☐ TPDES with TLAP component

- e. Check the box next to the appropriate application type.

☒ New

☐ Renewal with changes

☐ Renewal without changes

☐ Major amendment with renewal

☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

- f. If applying for an amendment or modification, describe the request: NA

#### For TCEQ Use Only

Segment Number \_\_\_\_\_ County \_\_\_\_\_

Expiration Date \_\_\_\_\_ Region \_\_\_\_\_

Permit Number \_\_\_\_\_

<sup>1</sup> [https://www.tceq.texas.gov/publications/search\\_forms.html](https://www.tceq.texas.gov/publications/search_forms.html)

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	<input checked="" type="checkbox"/> \$350	<input type="checkbox"/> \$350	<input type="checkbox"/> \$315	<input type="checkbox"/> \$150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	<input type="checkbox"/> \$1,250	<input type="checkbox"/> \$1,250	<input type="checkbox"/> \$1,215	<input type="checkbox"/> \$150
Major facility	N/A <sup>2</sup>	<input type="checkbox"/> \$2,050	<input type="checkbox"/> \$2,015	<input type="checkbox"/> \$450

h. Payment Information

***Mailed***

Check or money order No.: NA

Check or money order amt.: NA

Named printed on check or money order: NA

***Epay***

Voucher number: TBD - fill out when payment made

Copy of voucher attachment: Attachment A

**Item 2. Applicant Information (Instructions, Pages 26)**

a. Customer Number, if applicant is an existing customer: CN606375517

**Note:** Locate the customer number using the [TCEQ's Central Registry Customer Search](#)<sup>3</sup>.

b. Legal name of the entity (applicant) applying for this permit: Arkansas Electric Cooperative Corporation

**Note:** The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): Kollin Derynck

Title: VP - Power Production

Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

<sup>2</sup> All facilities are designated as minors until formally classified as a major by EPA.

<sup>3</sup> <https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>



☒ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

### Item 3. Co-applicant Information (Instructions, Page 27)

☒ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: NA

**Note:** The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): CNNA

**Note:** Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: NA Full Name (Last/First Name): NA

Title: NA Credential: NA

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

### Item 4. Core Data Form (Instructions, Pages 27)

a. Complete one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)) and include as an attachment. If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: Attachment B

### Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contact for additional information about this application. Indicate if the individual can be contact about administrative or technical information, or both.

a. ☒ Administrative Contact ☒ Technical Contact

Prefix: Ms. Full Name (Last/First Name): Kara Denney

Title: Senior Compliance Specialist Credential: NA

Organization Name: Burns & McDonnell

Mailing Address: Suite 2300, 444 Flower St City/State/Zip: Los Angeles, CA 90071

Phone No: 512-632-9915 Email: kfdenny@burnsmcd.com

b. ☒ Administrative Contact ☒ Technical Contact

Prefix: Ms. Full Name (Last/First Name): Madison Taylor

Title: Compliance Specialist Credential: NA

Organization Name: Burns & McDonnell

Mailing Address: Bridgepoint Building 4, 6200 Bridge Point Pkwy #400 City/State/Zip:  
Austin, TX 78730

Phone No: 737-263-3378

Email: mtaylor3@burnsmcd.com

Attachment: N/A

## **Item 6. Permit Contact Information (Instructions, Page 28)**

Provide two names of individuals that can be contacted throughout the permit term.

a. Prefix: Mr. Full Name (Last/First Name): Stephen Cain

Title: Director - Compliance & Support Credential: Click to enter text.

Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2420

Email: Stephen.Cain@aecc.com

b. Prefix: Mr. Full Name (Last/First Name): Kollin Derynck

Title: VP- Power Production Credential: Click to enter text.

Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2302

Email: Kollin.Derynck@aecc.com

Attachment: N/A

## **Item 7. Billing Contact Information (Instructions, Page 28)**

The permittee is responsible for paying the annual fee. The annual fee will be assessed for permits **in effect on September 1 of each year**. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Stephen Cain

Title: Director - Compliance & Support Credential: Click to enter text.

Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2420

Email: Stephen.Cain@aecc.com

## **Item 8. DMR/MER Contact Information (Instructions, Page 28)**

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Mr. Full Name (Last/First Name): Stephen Cain

Title: Director - Compliance & Support Credential: Click to enter text.

Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2420

Email: Stephen.Cain@aecc.com

## Item 9. Notice Information (Instructions, Pages 28)

### a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Stephen Cain

Title: Director – Compliance & Support Credential: Click to enter text.

Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2420

Email: Stephen.Cain@aecc.com

### b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: kfdenny@burnsmcd.com, mtaylor3@burnsmcd.com, & Stephen.Cain@aecc.com

☐ Fax: NA

☐ Regular Mail (USPS)

Mailing Address: NA

City/State/Zip Code: NA

### c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Stephen Cain

Title: Director – Compliance & Support Credential: Click to enter text.

Organization Name: Arkansas Electric Cooperative Corporation

Phone No: (501) 570-2420

Email: Stephen.Cain@aecc.com

### d. Public Viewing Location Information

**Note:** If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: Naples City Hall

Location within the building: Front Desk

Physical Address of Building: 205 E Main St.

City: Naples

County: Morris

### e. Bilingual Notice Requirements

This information is required for new, major amendment, minor amendment or minor modification, and renewal applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

☐ Yes ☒ No

If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

☐ Yes ☒ No

3. Do the students at these schools attend a bilingual education program at another location?

☐ Yes ☒ No

4. Would the school be required to provide a bilingual education program, but the school has waived out of this requirement under 19 TAC §89.1205(g)?

☐ Yes ☐ No ☒ N/A

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? N/A

- f. Plain Language Summary Template – Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment. Attachment: Attachment C

- g. Complete one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment and include as an attachment. Attachment: Attachment D

## Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

- a. TCEQ issued Regulated Entity Number (RN), if available: RN112194527

**Note:** If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

- b. Name of project or site (the name known by the community where located): Naples Power Plant

- c. Is the location address of the facility in the existing permit the same?

☐ Yes ☐ No ☒ N/A (new permit)

**Note:** If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

- d. Owner of treatment facility:

Prefix: NA Full Name (Last/First Name): NA

or Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2200 Email: communication@aecc.com

e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: Arkansas Electric Cooperative Corporation

Prefix: NA Full Name (Last/First Name): NA

or Organization Name: Arkansas Electric Cooperative Corporation

Mailing Address: PO Box 194208

City/State/Zip: Little Rock, AR 72219

Phone No: (501) 570-2200

Email: communication@aecc.com

**Note:** If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: NA

g. Owner of effluent TLAP disposal site (if applicable): NA

Prefix: NA Full Name (Last/First Name): NA

or Organization Name: NA

Mailing Address: NA

City/State/Zip: NA

Phone No: NA

Email: NA

**Note:** If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: NA

h. Owner of sewage sludge disposal site (if applicable):

Prefix: NA

Full Name (Last/First Name): NA

or Organization Name: NA

Mailing Address: NA

City/State/Zip: NA

Phone No: NA

Email: NA

**Note:** If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: NA

## Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius

☒ Three-miles downstream information

☒ Applicant's property boundaries

☒ Treatment facility boundaries

☒ Labeled point(s) of discharge

☒ Highlighted discharge route(s)

☐ Effluent disposal site boundaries

☒ All wastewater ponds

☐ Sewage sludge disposal site

☐ New and future construction

Attachment: Attachment E

- c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☒ No or New Permit

If no, or a new application, provide an accurate location description: NA

- d. Are the point(s) of discharge in the existing permit correct?

☐ Yes ☒ No or New Permit

If no, or a new application, provide an accurate location description: discharge from the wastewater pond through Outfall 001

- e. Are the discharge route(s) in the existing permit correct?

☐ Yes ☒ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: via Outfall 001 to an unnamed tributary of Mary Lees Branch, thence to Mary Lees Branch, thence to Segment 0303B White Oak Creek, thence to Segment 0303 Sulphur/South Sulphur River

- f. City nearest the outfall(s): City of Naples

- g. County in which the outfalls(s) is/are located: Morris County

- h. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No

If yes, indicate by a check mark if: ☐ Authorization granted ☐ Authorization pending

For new and amendment applications, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: NA

For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: NA

- i. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☐ Yes ☐ No or New Permit ☒ NA

If no, or a new application, provide an accurate location description: NA

- j. City nearest the disposal site: NA

- k. County in which the disposal site is located: NA

- l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: NA

- m. For TLAPs, identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: NA

## Item 12. Miscellaneous Information (Instructions, Page 33)

- a. Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

☒ Yes ☐ No

If yes, list each person: Kara Denney & Madison Taylor

- b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: NA

Total amount due: NA

- c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: NA

Amount due: NA



### Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ000- New Permit

Applicant Name: Arkansas Electric Cooperative Corporation

Certification: I, Kollin Derynck, 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.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Kollin Derynck

Signatory title: VP - Power Production

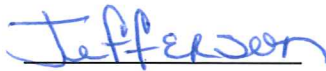
Signature:   
(Use blue ink)

Date: 5/12/25

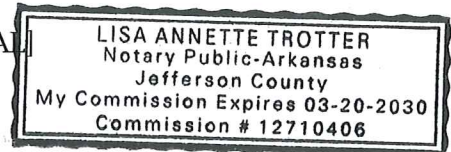
Subscribed and Sworn to before me by the said Kollin Derynck  
on this 12<sup>th</sup> day of May, 2025.

My commission expires on the 20<sup>th</sup> day of March, 2030.

  
Notary Public

  
County, Texas

[SEAL]



**Note:** If co-applicants are necessary, each entity must submit an original, separate signature page.

# INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of industrial wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305 by checking the box next to the item. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until all items below are addressed.

- ☒ Core Data Form (TCEQ Form No. 10400)  
*(Required for all applications types. Must be completed in its entirety and signed.  
Note: Form may be signed by applicant representative.)*
- ☒ Correct and Current Industrial Wastewater Permit Application Forms  
*(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)*
- ☐ Water Quality Permit Payment Submittal Form (Page 14)  
*(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)*
- ☒ 7.5 Minute USGS Quadrangle Topographic Map Attached  
*(Full-size map if seeking "New" permit.  
8 ½ x 11 acceptable for Renewals and Amendments.)*
- ☒ N/A ☐ Current/Non-Expired, Executed Lease Agreement or Easement Attached
- ☐ N/A ☒ Landowners Map  
*(See instructions for landowner requirements.)*

## Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

- ☐ N/A ☒ Landowners Cross Reference List  
*(See instructions for landowner requirements.)*
- ☐ N/A ☒ Landowners Labels or CD-RW attached  
*(See instructions for landowner requirements.)*
- ☒ Original signature per 30 TAC § 305.44 – Blue Ink Preferred  
*(If signature page is not signed by an elected official or principle executive officer,  
a copy of signature authority/delegation letter must be attached.)*
- ☒ Plain Language Summary

# Industrial Administrative Report 1.1

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# INDUSTRIAL WASTEWATER PERMIT APPLICATION

## ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

### Item 1. Affected Landowner Information (Instructions, Page 35)

- a. Attach a landowner map or drawing, with scale, as applicable. Check the box next to each item to confirm it has been provided.
- ☒ The applicant's property boundaries.
  - ☒ The facility site boundaries within the applicant's property boundaries.
  - ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone.
  - ☒ The property boundaries of all landowners surrounding the applicant's property. (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
  - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream.
  - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge.
  - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides.
  - ☐ The boundaries of the effluent disposal site (e.g., irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property.
  - ☐ The property boundaries of all landowners surrounding the applicant's property boundaries where the effluent disposal site is located.
  - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners within one-quarter mile of the applicant's property boundaries where the sewage sludge land application site is located.
  - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (e.g., sludge surface disposal site or sludge monofil) is located.

Attachment: Attachment F

- b. Check the box next to the format of the landowners list:

☐ Readable/Writeable CD      ☒ Four sets of labels

Attachment: Attachment F

- d. Provide the source of the landowners' names and mailing addresses: Morris County Appraisal District - March 2025

- e. As required by Texas Water Code § 5.115, is any permanent school fund land affected by this application?

☐ Yes ☒ No

If yes, provide the location and foreseeable impacts and effects this application has on the land(s): NA

## Item 2. Original Photographs (Instructions, Page 37)

Provide original ground level photographs. Check the box next to each of the following items to indicate it is included.

- ☒ At least one original photograph of the new or expanded treatment unit location.
- ☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☐ At least one photograph of the existing/proposed effluent disposal site.
- ☒ A plot plan or map showing the location and direction of each photograph.

Attachment: Attachment G

# **INDUSTRIAL WASTEWATER PERMIT APPLICATION**

## **SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)**

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

**Attachment:** Attachment H

# Industrial Technical Report 1.0

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# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For **additional information** or clarification on the requested information, please refer to the [Instructions for Completing the Industrial Wastewater Permit Application](https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html)<sup>1</sup> available on the TCEQ website. Please contact the Industrial Permits Team at 512-239-4671 with any questions about this form.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

**NOTE:** This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

### Item 1. Facility/Site Information (Instructions, Page 39)

- a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include all applicable SIC codes (up to 4).

A simple cycle power generation facility comprised of two dual-fuel simple cycle combustion turbines with ancillary buildings and equipment. The turbines will primarily be fired by natural gas; fuel oil will be stored on-site as a backup fuel source for the turbines. SIC code 4911.

- b. Describe all wastewater-generating processes at the facility.

See Attachment I for a description of the facility's wastewater generating processes.

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<sup>1</sup>  
[https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES\\_industrial\\_wastewater\\_steps.html](https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html)

- c. Provide a list of raw materials, major intermediates, and final products handled at the facility.

**Materials List**

Raw Materials	Intermediate Products	Final Products
Natural Gas		
Nitrogen Gas		
Aqueous Ammonia		
Fuel Oil		

**Attachment:** N/A

- d. Attach a facility map (drawn to scale) with the following information:

- Production areas, maintenance areas, materials-handling areas, waste-disposal areas, and water intake structures.
- The location of each unit of the WWTP including the location of wastewater collection sumps, impoundments, outfalls, and sampling points, if significantly different from outfall locations.

**Attachment:** Attachment J

- e. Is this a new permit application for an existing facility?

☐ Yes ☒ No

If **yes**, provide background discussion: NA

- f. Is/will the treatment facility/disposal site be located above the 100-year frequency flood level.

☒ Yes ☐ No

List source(s) used to determine 100-year frequency flood plain: FIRM 4809430002B

If **no**, provide the elevation of the 100-year frequency flood plain and describe what protective measures are used/proposed to prevent flooding (including tail water and rainfall run-on controls) of the treatment facility and disposal area: NA

**Attachment:** NA

- g. For **new** or **major amendment** permit applications, will any construction operations result in a discharge of fill material into a water in the state?

☒ Yes ☐ No ☐ N/A (renewal only)

- h. If **yes** to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?

☒ Yes      ☐ No

If **yes**, provide the permit number: SWF-2024-00393

If **no**, provide an approximate date of application submittal to the USACE: N/A

## Item 2. Treatment System (Instructions, Page 40)

- a. List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.

See Attachment I for a description of the facility treatment system.

- b. Attach a flow schematic **with a water balance** showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.

**Attachment:** Attachment K

## Item 3. Impoundments (Instructions, Page 40)

Does the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)

☒ Yes      ☐ No

If **no**, proceed to Item 4. If **yes**, complete **Item 3.a** for **existing** impoundments and **Items 3.a - 3.e** for **new or proposed** impoundments. **NOTE:** See instructions, Pages 40-42, for additional information on the attachments required by Items 3.a - 3.e.

- a. Complete the table with the following information for each existing, new, or proposed impoundment. Attach additional copies of the Impoundment Information table, if needed.

**Use Designation:** Indicate the use designation for each impoundment as Treatment (T), Disposal (D), Containment (C), or Evaporation (E).

**Associated Outfall Number:** Provide an outfall number if a discharge occurs or will occur.

**Liner Type:** Indicate the liner type as Compacted clay liner (C), In-situ clay liner (I), Synthetic/plastic/rubber liner (S), or Alternate liner (A). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

**Leak Detection System:** If any leak detection systems are in place/planned, enter Y for yes. Otherwise, enter N for no.

**Groundwater Monitoring Wells and Data:** If groundwater monitoring wells are in place/planned, enter Y for yes. Otherwise, enter N for no. Attach any existing groundwater monitoring data.

**Dimensions:** Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

**Compliance with 40 CFR Part 257, Subpart D:** If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter Y for yes. Otherwise, enter N for no.

**Date of Construction:** Enter the date construction of the impoundment commenced (mm/dd/yy).

#### Impoundment Information

Parameter	Pond # 1, Wastewater	Pond #	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)	T			
Associated Outfall Number	001			
Liner Type (C) (I) (S) or (A)	S			
Alt. Liner Attachment Reference	NA			
Leak Detection System, Y/N	N			
Groundwater Monitoring Wells, Y/N	N			
Groundwater Monitoring Data Attachment	N			
Pond Bottom Located Above The Seasonal High-Water Table, Y/N	Y			
Length (ft)	270			
Width (ft)	160			
Max Depth From Water Surface (ft), Not Including Freeboard	7.7			
Freeboard (ft)	2.0			
Surface Area (acres)	1.1			
Storage Capacity (gallons)	2,600,000			
40 CFR Part 257, Subpart D, Y/N	N			
Date of Construction	TBD			

**Attachment:** NA

The following information (**Items 3.b – 3.e**) is required only for **new or proposed** impoundments.

- b. For new or proposed impoundments, attach any available information on the following items. If attached, check **yes** in the appropriate box. Otherwise, check **no** or **not yet designed**.

1. Liner data

☐ Yes      ☐ No      ☒ Not yet designed

2. Leak detection system or groundwater monitoring data

☐ Yes      ☒ No      ☐ Not yet designed

3. Groundwater impacts

☐ Yes      ☐ No      ☒ Not yet designed

**NOTE:** Item b.3 is required if the bottom of the pond is not above the seasonal high-water table in the shallowest water-bearing zone.

**Attachment:** TBD – will be submitted once complete

**For TLAP applications:** Items 3.c – 3.e are **not required**, continue to Item 4.

- c. Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.

**Attachment:** There are no known supply wells within ½ mile of the pond

- d. Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depths to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.

**Attachment:** There are no known supply wells within ½ mile of the pond

- e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

**Attachment:** TBD – will be submitted once complete

## Item 4. Outfall/Disposal Method Information (Instructions, Page 42)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/or numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

**For TLAP applications:** Indicate the disposal method and each individual irrigation area **I**, evaporation pond **E**, or subsurface drainage system **S** by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for **Outfall** number (e.g. **E1** for evaporation pond 1, **I2** for irrigation area No. 2, etc.).

**Outfall Longitude and Latitude**

Outfall No.	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
001	33.221783° N	-94.704308° W

**Outfall Location Description**

Outfall No.	Location Description
001	Along the southwest side of the pond

**Description of Sampling Point(s) (if different from Outfall location)**

Outfall No.	Description of sampling point
001	At the pond before discharge into the receiving water body

**Outfall Flow Information - Permitted and Proposed**

Outfall No.	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
001	NA	NA	Intermittent/ Variable	Intermittent/ Variable	After the permit issuance date

**Outfall Discharge - Method and Measurement**

Outfall No.	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	Yes	N	Estimate

**Outfall Discharge - Flow Characteristics**

Outfall No.	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
001	Y	N	Y	24	31	12

## Outfall Wastestream Contributions

Outfall No. **001**

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Evaporative cooler blowdown	0.0379	84%
Plant and equipment washdown	0.0072	16%
Multimedia filter backwash	Intermittent/ Variable	Intermittent/ Variable
Industrial area stormwater	Intermittent/ Variable	Intermittent/ Variable
Treated secondary containment stormwater	Variable	Infrequent/Variable

Attachment: N/A

### Item 5. Blowdown and Once-Through Cooling Water Discharges (Instructions, Page 43)

a. Indicate if the facility currently or proposes to:

☐ Yes ☒ No Use cooling towers that discharge blowdown or other wastestreams

☐ Yes ☒ No Use boilers that discharge blowdown or other wastestreams

☐ Yes ☒ No Discharge once-through cooling water

**NOTE:** If the facility uses or plans to use cooling towers or once-through cooling water, Item 12 **is required**.

b. If **yes** to any of the above, attach an SDS with the following information for each chemical additive.

- Manufacturers Product Identification Number
- Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
- Chemical composition including CASRN for each ingredient
- Classify product as non-persistent, persistent, or bioaccumulative
- Product or active ingredient half-life
- Frequency of product use (e.g., 2 hours/day once every two weeks)
- Product toxicity data specific to fish and aquatic invertebrate organisms
- Concentration of whole product or active ingredient, as appropriate, in wastestream.

In addition to each SDS, attach a summary of the above information for each specific wastestream and the associated chemical additives. Specify which outfalls are affected.

**Attachment:** NA

c. Cooling Towers and Boilers

If the facility currently or proposes to use cooling towers or boilers that discharge blowdown or other wastestreams to the outfall(s), complete the following table.

**Cooling Towers and Boilers**

Type of Unit	Number of Units	Daily Avg Blowdown (gallons/day)	Daily Max Blowdown (gallons/day)
Cooling Towers	NA	NA	NA
Boilers	NA	NA	NA

## Item 6. Stormwater Management (Instructions, Page 44)

Will any existing/proposed outfalls discharge stormwater associated with industrial activities, as defined at *40 CFR § 122.26(b)(14)*, commingled with any other wastestream?

☒ Yes ☐ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in a manner which may result in exposure of the activities or materials to stormwater: See Attachment I for details on stormwater from industrial areas

## Item 7. Domestic Sewage, Sewage Sludge, and Septage Management and Disposal (Instructions, Page 44)

**Domestic Sewage** - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

- a. Check the box next to the appropriate method of domestic sewage and domestic sewage sludge treatment or disposal. Complete Worksheet 5.0 or Item 7.b if directed to do so.

- ☐ Domestic sewage is routed (i.e., connected to or transported to) to a WWTP permitted to receive domestic sewage for treatment, disposal, or both. Complete Item 7.b.
- ☒ Domestic sewage disposed of by an on-site septic tank and drainfield system. Complete Item 7.b.
- ☐ Domestic and industrial treatment sludge ARE commingled prior to use or disposal.
- ☐ Industrial wastewater and domestic sewage are treated separately, and the respective sludge IS NOT commingled prior to sludge use or disposal. Complete Worksheet 5.0.
- ☐ Facility is a POTW. Complete Worksheet 5.0.
- ☐ Domestic sewage is not generated on-site.
- ☐ Other (e.g., portable toilets), specify and Complete Item 7.b: Click to enter text.

- b. Provide the name and TCEQ, NPDES, or TPDES Permit No. of the waste-disposal facility which receives the domestic sewage/septage. If hauled by motorized vehicle, provide the name and TCEQ Registration No. of the hauler.



**Domestic Sewage Plant/Hauler Name**

Plant/Hauler Name	Permit/Registration No.
All in Septic	24792

**Item 8. Improvements or Compliance/Enforcement Requirements (Instructions, Page 45)**

a. Is the permittee currently required to meet any implementation schedule for compliance or enforcement?

☐ Yes ☒ No

b. Has the permittee completed or planned for any improvements or construction projects?

☐ Yes ☒ No

c. If **yes** to either 8.a or 8.b, provide a brief summary of the requirements and a status update: NA

**Item 9. Toxicity Testing (Instructions, Page 45)**

Have any biological tests for acute or chronic toxicity been made on any of the discharges or on a receiving water in relation to the discharge within the last three years?

☐ Yes ☒ No

If **yes**, identify the tests and describe their purposes: NA

Additionally, attach a copy of all tests performed which **have not** been submitted to the TCEQ or EPA. **Attachment:** NA

**Item 10. Off-Site/Third Party Wastes (Instructions, Page 45)**

a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?

☐ Yes ☒ No

If **yes**, provide responses to Items 10.b through 10.d below.

If **no**, proceed to Item 11.

b. Attach the following information to the application:

- List of wastes received (including volumes, characterization, and capability with on-site wastes).
- Identify the sources of wastes received (including the legal name and addresses of the generators).
- Description of the relationship of waste source(s) with the facility's activities.

**Attachment:** NA

- c. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?

☐ Yes ☒ No

If **yes**, provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.

**Attachment:** NA

- d. Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?

☐ Yes ☒ No

If **yes**, **Worksheet 6.0** of this application is required.

## Item 11. Radioactive Materials (Instructions, Page 46)

- a. Are/will radioactive materials be mined, used, stored, or processed at this facility?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L.

### Radioactive Materials Mined, Used, Stored, or Processed

Radioactive Material Name	Concentration (pCi/L)
NA	NA

- b. Does the applicant or anyone at the facility have any knowledge or reason to believe that radioactive materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L. Do not include information provided in response to Item 11.a.

### Radioactive Materials Present in the Discharge

Radioactive Material Name	Concentration (pCi/L)
NA	NA

## Item 12. Cooling Water (Instructions, Page 46)

- a. Does the facility use or propose to use water for cooling purposes?

☒ Yes ☐ No

If **no**, stop here. If **yes**, complete Items 12.b thru 12.f.

- b. Cooling water is/will be obtained from a groundwater source (e.g., on-site well).

☒ Yes ☐ No

If **yes**, stop here. If **no**, continue.

- c. Cooling Water Supplier

1. Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supply water for cooling purposes to the facility.

### Cooling Water Intake Structure(s) Owner(s) and Operator(s)

CWIS ID	NA			
Owner	NA			
Operator	NA			

2. Cooling water is/will be obtained from a Public Water Supplier (PWS)

☐ Yes ☐ No

If **no**, continue. If **yes**, provide the PWS Registration No. and stop here: PWS No. [Click to enter text.](#)

3. Cooling water is/will be obtained from a reclaimed water source?

☐ Yes ☐ No

If **no**, continue. If **yes**, provide the Reuse Authorization No. and stop here: [Click to enter text.](#)

4. Cooling water is/will be obtained from an Independent Supplier

☐ Yes ☐ No

If **no**, proceed to Item 12.d. If **yes**, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes and proceed: [Click to enter text.](#)

- d. 316(b) General Criteria

1. The CWIS(s) used to provide water for cooling purposes to the facility has or will have a cumulative design intake flow of 2 MGD or greater.

☐ Yes ☐ No

2. At least 25% of the total water withdrawn by the CWIS is/will be used at the facility exclusively for cooling purposes on an annual average basis.

☐ Yes ☐ No

3. The CWIS(s) withdraw(s)/propose(s) to withdraw water for cooling purposes from surface waters that meet the definition of Waters of the United States in *40 CFR § 122.2*.

☐ Yes ☐ No

If **no**, provide an explanation of how the waterbody does not meet the definition of Waters of the United States in *40 CFR § 122.2*: [Click to enter text.](#)

If **yes** to all three questions in Item 12.d, the facility **meets** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA. Proceed to **Item 12.f**.

If **no** to any of the questions in Item 12.d, the facility **does not meet** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA; however, a determination is required based upon BPJ. Proceed to **Item 12.e**.

- e. The facility does not meet the minimum requirements to be subject to the fill requirements of Section 316(b) **and uses/proposes to use cooling towers**.

☐ Yes ☐ No

If **yes**, stop here. If **no**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ.

f. Oil and Gas Exploration and Production

1. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

☐ Yes ☐ No

If **yes**, continue. If **no**, skip to Item 12.g.

2. The facility is an existing facility as defined at 40 CFR § 125.92(k) or a new unit at an existing facility as defined at 40 CFR § 125.92(u).

☐ Yes ☐ No

If **yes**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ. If **no**, skip to Item 12.g.3.

g. Compliance Phase and Track Selection

1. Phase I – New facility subject to 40 CFR Part 125, Subpart I

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – AIF greater than 2 MGD, but less than 10 MGD

- Attach information required by *40 CFR §§ 125.86(b)(2)-(4)*.

☐ Track I – AIF greater than 10 MGD

- Attach information required by *40 CFR § 125.86(b)*.

☐ Track II

- Attach information required by *40 CFR § 125.86(c)*.

**Attachment:** [Click to enter text.](#)

2. Phase II – Existing facility subject to 40 CFR Part 125, Subpart J

☐ Yes ☐ No

If **yes**, complete Worksheets 11.0 through 11.3, as applicable.

3. Phase III – New facility subject to 40 CFR Part 125, Subpart N

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection and provide the requested information.

☐ Track I – Fixed facility

- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – Not a fixed facility

- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except CWIS latitude/longitude under Item 2.a).

☐ Track II – Fixed facility

- Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.

**Attachment:** [Click to enter text.](#)

## Item 13. Permit Change Requests (Instructions, Page 48)

This item is only applicable to existing permitted facilities.

a. Is the facility requesting a **major amendment** of an existing permit?

☐ Yes ☒ No

If **yes**, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request.

NA

b. Is the facility requesting any **minor amendments** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

N/A

c. Is the facility requesting any **minor modifications** to the permit?

☐ Yes      ☒ No

If **yes**, list and describe each change individually.

N/A

## Item 14. Laboratory Accreditation (Instructions, Page 49)

All laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
  - periodically inspected by the TCEQ; or
  - located in another state and is accredited or inspected by that state; or
  - performing work for another company with a unit located in the same site; or
  - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review *30 TAC Chapter 25* for specific requirements.

The following certification statement shall be signed and submitted with every application. See the *Signature Page* section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of  
*30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.*

Printed Name: Kollin Derynck

Title: VP – Power Production

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Worksheet 1.0 EPA Effluent Guidelines

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# INDUSTRIAL WASTEWATER PERMIT APPLICATION

## WORKSHEET 1.0: EPA CATEGORICAL EFFLUENT GUIDELINES

This worksheet **is required** for all applications for TPDES permits for discharges of wastewaters subject to EPA categorical effluent limitation guidelines (ELGs).

### Item 1. Categorical Industries (Instructions, Page 53)

Is this facility subject to any 40 CFR categorical ELGs outlined on page 53 of the instructions?

☐ Yes ☒ No

If **no**, this worksheet is not required. If **yes**, provide the appropriate information below.

#### 40 CFR Effluent Guideline

Industry	40 CFR Part
This will be a simple cycle power plant that does not use	
Steam to generate power. The 40 CFR 423 ELGs do not apply.	

### Item 2. Production/Process Data (Instructions, Page 54)

**NOTE:** For all TPDES permit applications requesting individual permit coverage for discharges of oil and gas exploration and production wastewater (discharges into or adjacent to water in the state, falling under the Oil and Gas Extraction Effluent Guidelines – 40 CFR Part 435), see Worksheet 12.0, Item 2 instead.

#### a. Production Data

Provide appropriate data for effluent guidelines with production-based effluent limitations.

#### Production Data

Subcategory	Actual Quantity/Day	Design Quantity/Day	Units

**b. Organic Chemicals, Plastics, and Synthetic Fibers Manufacturing Data (40 CFR Part 414)**

Provide each applicable subpart and the percent of total production. Provide data for metal-bearing and cyanide-bearing wastestreams, as required by *40 CFR Part 414, Appendices A and B*.

**Percentage of Total Production**

Subcategory	Percent of Total Production	Appendix A and B - Metals	Appendix A - Cyanide

**c. Refineries (40 CFR Part 419)**

Provide the applicable subcategory and a brief justification.

Click to enter text.

**Item 3. Process/Non-Process Wastewater Flows (Instructions, Page 54)**

Provide a breakdown of wastewater flow(s) generated by the facility, including both process and non-process wastewater flow(s). Specify which wastewater flows are to be authorized for discharge under this permit and the disposal practices for wastewater flows, excluding domestic, which are not to be authorized for discharge under this permit.

Click to enter text.

## Item 4. New Source Determination (Instructions, Page 54)

Provide a list of all wastewater-generating processes subject to EPA categorical ELGs, identify the appropriate guideline Part and Subpart, and provide the date the process/construction commenced.

### Wastewater Generating Processes Subject to Effluent Guidelines

Process	EPA Guideline Part	EPA Guideline Subpart	Date Process/ Construction Commenced

## Worksheet 2.0 Pollutant Analysis Requirements

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## Worksheet 4.0 Receiving Waters

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# INDUSTRIAL WASTEWATER PERMIT APPLICATION

## WORKSHEET 4.0: RECEIVING WATERS

This worksheet is **required** for all TPDES permit applications.

### Item 1. Domestic Drinking Water Supply (Instructions, Page 80)

- a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.

☐ Yes      ☒ No

If **no**, stop here and proceed to Item 2. If **yes**, provide the following information:

1. The legal name of the owner of the drinking water supply intake: NA
2. The distance and direction from the outfall to the drinking water supply intake: NA

- b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.

☐ Check this box to confirm the above requested information is provided.

### Item 2. Discharge Into Tidally Influenced Waters (Instructions, Page 80)

If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.

- a. Width of the receiving water at the outfall: NA feet

- b. Are there oyster reefs in the vicinity of the discharge?

☐ Yes      ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the oyster reefs: NA

- c. Are there sea grasses within the vicinity of the point of discharge?

☐ Yes      ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the grasses: NA

### Item 3. Classified Segment (Instructions, Page 80)

The discharge is/will be directly into (or within 300 feet of) a classified segment.

☐ Yes      ☒ No

If **yes**, stop here and do not complete Items 4 and 5 of this worksheet or Worksheet 4.1.

If **no**, complete Items 4 and 5 and Worksheet 4.1 may be required.

## Item 4. Description of Immediate Receiving Waters (Instructions, Page 80)

a. Name of the immediate receiving waters: unnamed tributary of Mary Lees Branch

b. Check the appropriate description of the immediate receiving waters:

☐ Lake or Pond

- Surface area (acres): Click to enter text.

- Average depth of the entire water body (feet): Click to enter text.

- Average depth of water body within a 500-foot radius of the discharge point (feet):  
Click to enter text.

☐ Man-Made Channel or Ditch

☒ Stream or Creek

☐ Freshwater Swamp or Marsh

☐ Tidal Stream, Bayou, or Marsh

☐ Open Bay

☐ Other, specify:

If **Man-Made Channel or Ditch** or **Stream or Creek** were selected above, provide responses to Items 4.c – 4.g below:

c. For **existing discharges**, check the description below that best characterizes the area **upstream** of the discharge.

For **new discharges**, check the description below that best characterizes the area **downstream** of the discharge.

☒ Intermittent (dry for at least one week during most years)

☐ Intermittent with Perennial Pools (enduring pools containing habitat to maintain aquatic life uses)

☐ Perennial (normally flowing)

Check the source(s) of the information used to characterize the area upstream (existing discharge) or downstream (new discharge):

☐ USGS flow records

☒ personal observation

☐ historical observation by adjacent landowner(s)

☒ other, specify: Google earth

d. List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: Mary Lees Branch

e. The receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.).

☒ Yes      ☐ No

If **yes**, describe how: Mary Lees Branch becomes perennial

- f. General observations of the water body during normal dry weather conditions: Dry during normal dry weather

Date and time of observation: Click to enter text.

- g. The water body was influenced by stormwater runoff during observations.

☐ Yes ☒ No

If **yes**, describe how: NA

## Item 5. General Characteristics of Water Body (Instructions, Page 81)

- a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply):

<input type="checkbox"/> oil field activities	<input type="checkbox"/> urban runoff
<input checked="" type="checkbox"/> agricultural runoff	<input type="checkbox"/> septic tanks
<input type="checkbox"/> upstream discharges	<input checked="" type="checkbox"/> other, specify: <u>stormwater runoff from State Highway 77</u>

- b. Uses of water body observed or evidence of such uses (check all that apply):

<input type="checkbox"/> livestock watering	<input type="checkbox"/> industrial water supply
<input type="checkbox"/> non-contact recreation	<input type="checkbox"/> irrigation withdrawal
<input type="checkbox"/> domestic water supply	<input type="checkbox"/> navigation
<input type="checkbox"/> contact recreation	<input type="checkbox"/> picnic/park activities
<input type="checkbox"/> fishing	<input checked="" type="checkbox"/> other, specify: <u>None</u>

- c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one):

☐ **Wilderness:** outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional

☒ **Natural Area:** trees or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ **Common Setting:** not offensive, developed but uncluttered; water may be colored or turbid

☐ **Offensive:** stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored



## APPENDIX A - APPLICATION FEE

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Your transaction is complete. Thank you for using TCEQ ePay.

**Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.**

Transaction Information

Trace Number: 582EA000667631

Date: 05/12/2025 11:43 AM

Payment Method: CC - Authorization 0000631710

ePay Actor: IRA EUGENE JAMISON

Actor Email: eugene.jamison@aecc.com

IP: 174.219.226.137

TCEQ Amount: \$350.00

Texas.gov Price: \$358.13\*

\* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name: IRA EUGENE JAMISON

Company: ARKANSAS ELECTRIC COOPERATIVE CORP

Address: PO BOX 194208, LITTLE ROCK, AR 72219 2250

Phone: 501-326-1625

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
<a href="#">766192</a>	WW PERMIT - MINOR FACILITY NOT SUBJECT TO 40 CFR 400-471 - NEW		\$300.00
<a href="#">766193</a>	30 TAC 305.53B WQ NOTIFICATION FEE		\$50.00
TCEQ Amount:			\$350.00

ePay AgainExit ePay

**Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.**

## APPENDIX B – CORE DATA FORM

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# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 606375517		RN 112194527

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)			
<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)					
<i>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).</i>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Arkansas Electric Cooperative Corporation				NA	
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
805982453		32099590294		710332419	043559699
<b>11. Type of Customer:</b>		<input checked="" 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 type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>14. Customer Role</b> (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 type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>	PO Box 194208				
	<b>City</b>	Little Rock	<b>State</b>	AR	<b>ZIP</b> 72219 <b>ZIP + 4</b>
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
NA				Kollin.Derynck@aecc.com	

<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number (if applicable)</b>
( 501 ) 570-2302		(   )   -

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>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).</i>								
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)								
Naples Power Plant								
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)								
	City		State		ZIP		ZIP + 4	
<b>24. County</b>								

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

<b>25. Description to Physical Location:</b>	Located off State Highway 77, approximately a third of a mile southeast of the intersection of State Highway 77 and County Road 4314							
<b>26. Nearest City</b>					<b>State</b>	<b>Nearest ZIP Code</b>		
Naples					TX	75568		
<i>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).</i>								
<b>27. Latitude (N) In Decimal:</b>						<b>28. Longitude (W) In Decimal:</b>		
Degrees	Minutes		Seconds		Degrees	Minutes		Seconds
33	13		21.63		94	42		6.22
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)			<b>32. Secondary NAICS Code</b> (5 or 6 digits)		
4911			221112					
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Power Generation								
<b>34. Mailing Address:</b>	PO Box 194208							
	City	Little Rock	State	AR	ZIP	72219	ZIP + 4	
<b>35. E-Mail Address:</b>	Stephen.Cain@aecc.com							
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>				<b>38. Fax Number (if applicable)</b>			
( 501 ) 570-2420					(   )   -			

**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.

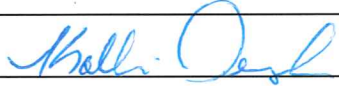
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<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**

<b>40. Name:</b>	Kara Denney			<b>41. Title:</b>	Senior Compliance Specialist
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
( 512 ) 632-9915		( ) -	kfdenny@burnsmcd.com		

### **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.

<b>Company:</b>	Arkansas Electric Cooperative Corp.		<b>Job Title:</b>	VP - Power Production	
<b>Name (In Print):</b>	Kollin Derynck			<b>Phone:</b>	( 501 ) 570- 2302
<b>Signature:</b>				<b>Date:</b>	5/12/25

## APPENDIX C – PLAIN LANGUAGE SUMMARY

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## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

### **SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS**

Arkansas Electric Cooperative Company (CN606375517) proposes to operate Naples Power Plant (RN112194527), an electric peaking facility. The facility will be located at State Highway 77, approximately a third of a mile southeast of the intersection of State Highway 77 and County Road 4314, in Naples, Morris County, Texas 75571. This application is for a new permit to discharge intermittent and variable volume of evaporative cooler blowdown, plant and equipment washdown, multimedia filter backwash, and stormwater via Outfall 001.

Discharges from the facility are expected to contain suspended solids and oil and grease. Plant and equipment washdown and stormwater from areas with the potential to contact oil will be treated by an oil water separator before commingling with the evaporative cooler blowdown, multimedia filter backwash, and stormwater which is then routed the onsite pond for settling of solids prior to discharge via Outfall 001.



## APPENDIX D – PUBLIC INVOLVEMENT PLAN

---



Texas Commission on Environmental Quality

## Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

### Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

**If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.**

### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.  
Stop after Section 2 and submit the form.**

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

### Section 3. Application Information

N/A

#### Type of Application (check all that apply):

Air      Initial      Federal      Amendment      Standard Permit      Title V  
Waste      Municipal Solid Waste      Industrial and Hazardous Waste      Scrap Tire  
Radioactive Material Licensing      Underground Injection Control

#### Water Quality

Texas Pollutant Discharge Elimination System (TPDES)  
Texas Land Application Permit (TLAP)  
State Only Concentrated Animal Feeding Operation (CAFO)  
Water Treatment Plant Residuals Disposal Permit  
Class B Biosolids Land Application Permit  
Domestic Septage Land Application Registration

#### Water Rights New Permit

New Appropriation of Water  
New or existing reservoir

#### Amendment to an Existing Water Right

Add a New Appropriation of Water  
Add a New or Existing Reservoir  
Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

Provide a brief description of planned activities.

## Section 5. Community and Demographic Information

N/A

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

**Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.**

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

(b) Per capita income for population near the specified location

(c) Percent of minority population and percent of population by race within the specified location

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

**Section 6. Planned Public Outreach Activities****N/A**

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes      No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes      No

If Yes, please describe.

**If you answered “yes” that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.**

(c) Will you provide notice of this application in alternative languages?

Yes      No

**Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.**

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner’s Integrated Database Website

Mailed by TCEQ’s Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes      No

(e) If a public meeting is held, will a translator be provided if requested?

Yes      No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

**Section 7. Voluntary Submittal****N/A**

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes      No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner’s Integrated Database Website

Mailed by TCEQ’s Office of the Chief Clerk

Other (specify)

## APPENDIX E - USGS MAP

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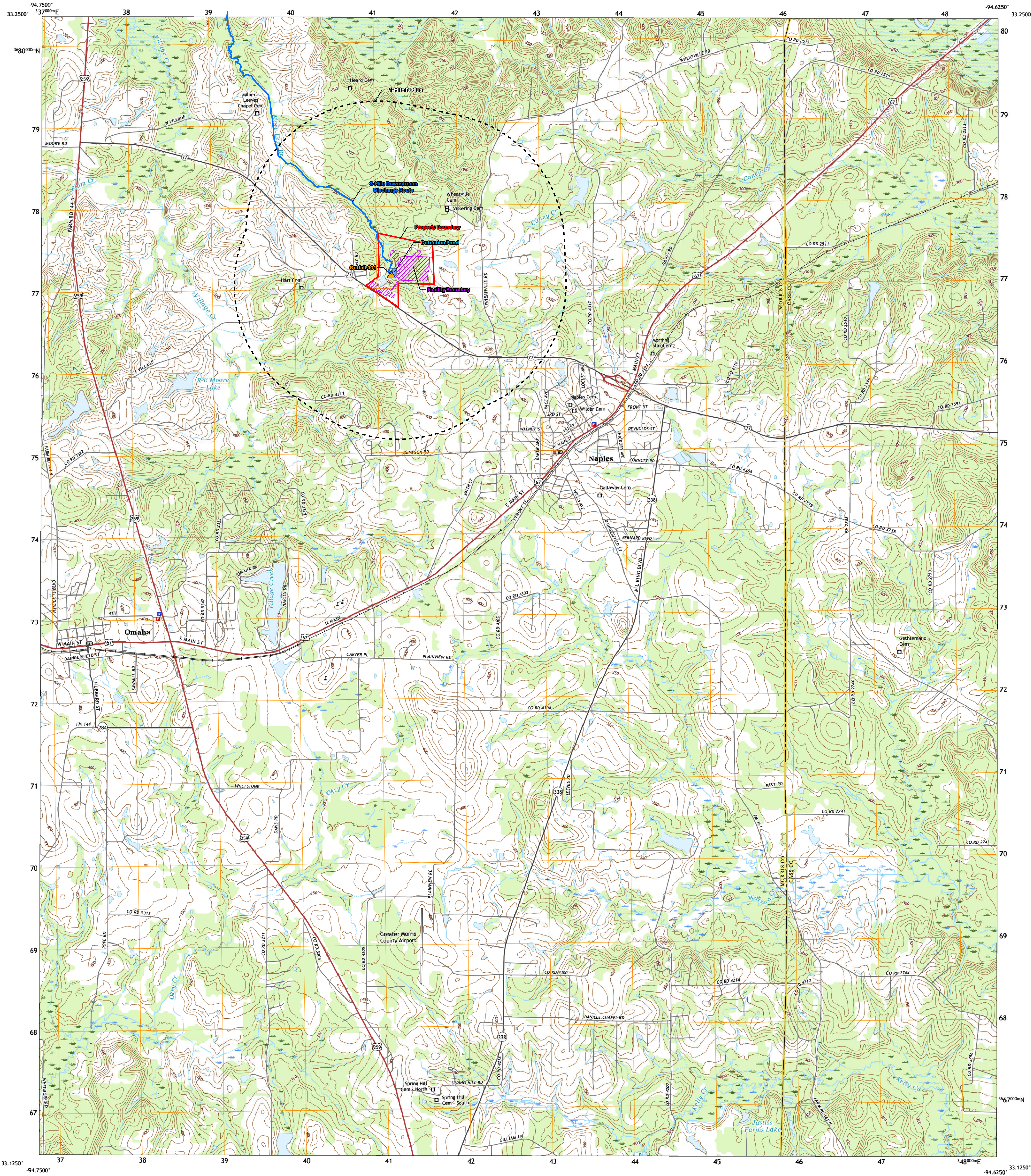




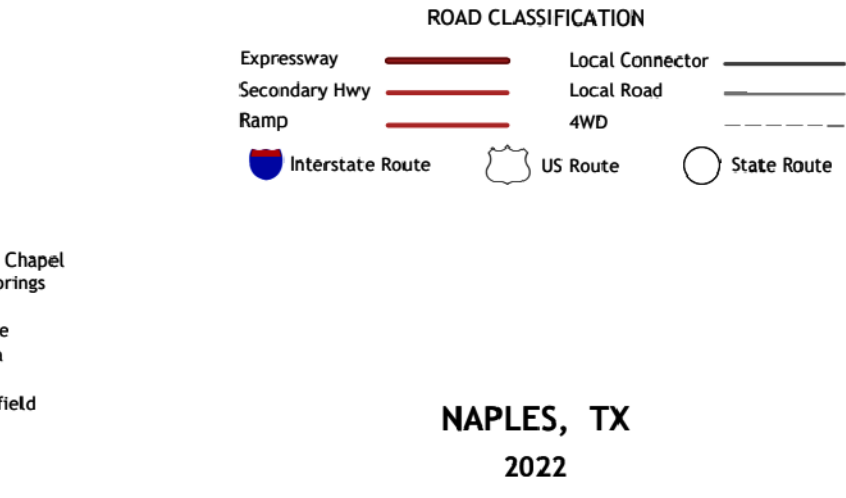
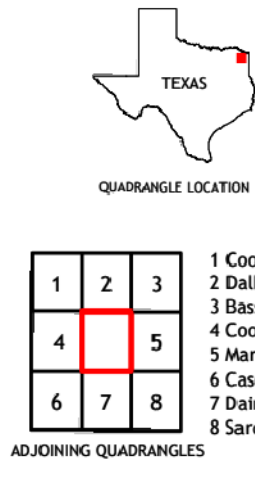
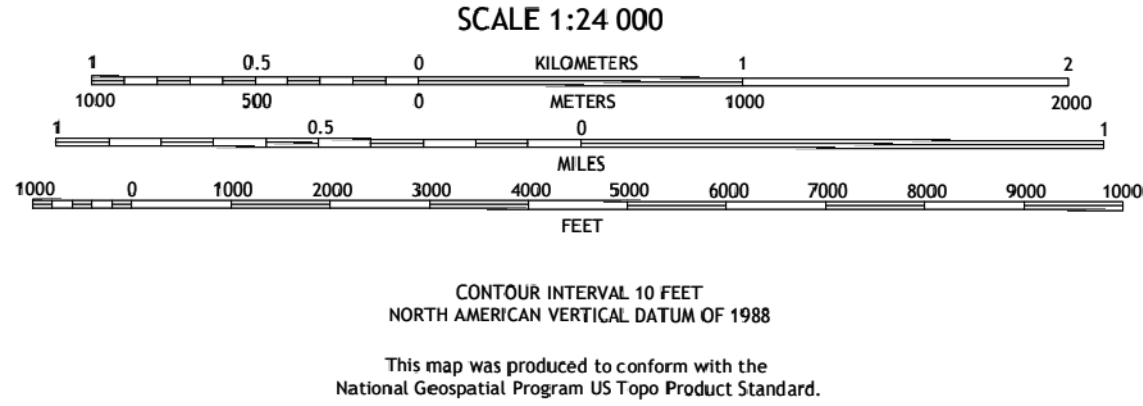
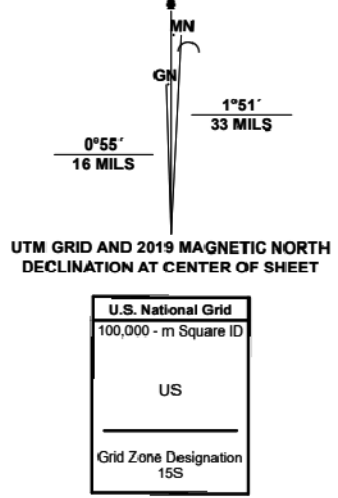
U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



NAPLES QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83) U.S. Census Bureau, 2015  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 15S  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.  
Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015  
Names.....GNIS, 2008 - 2021  
Hydrography.....National Hydrography Dataset, 2003 - 2019  
Contours.....National Elevation Dataset, 2019  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



NAPLES, TX  
2022



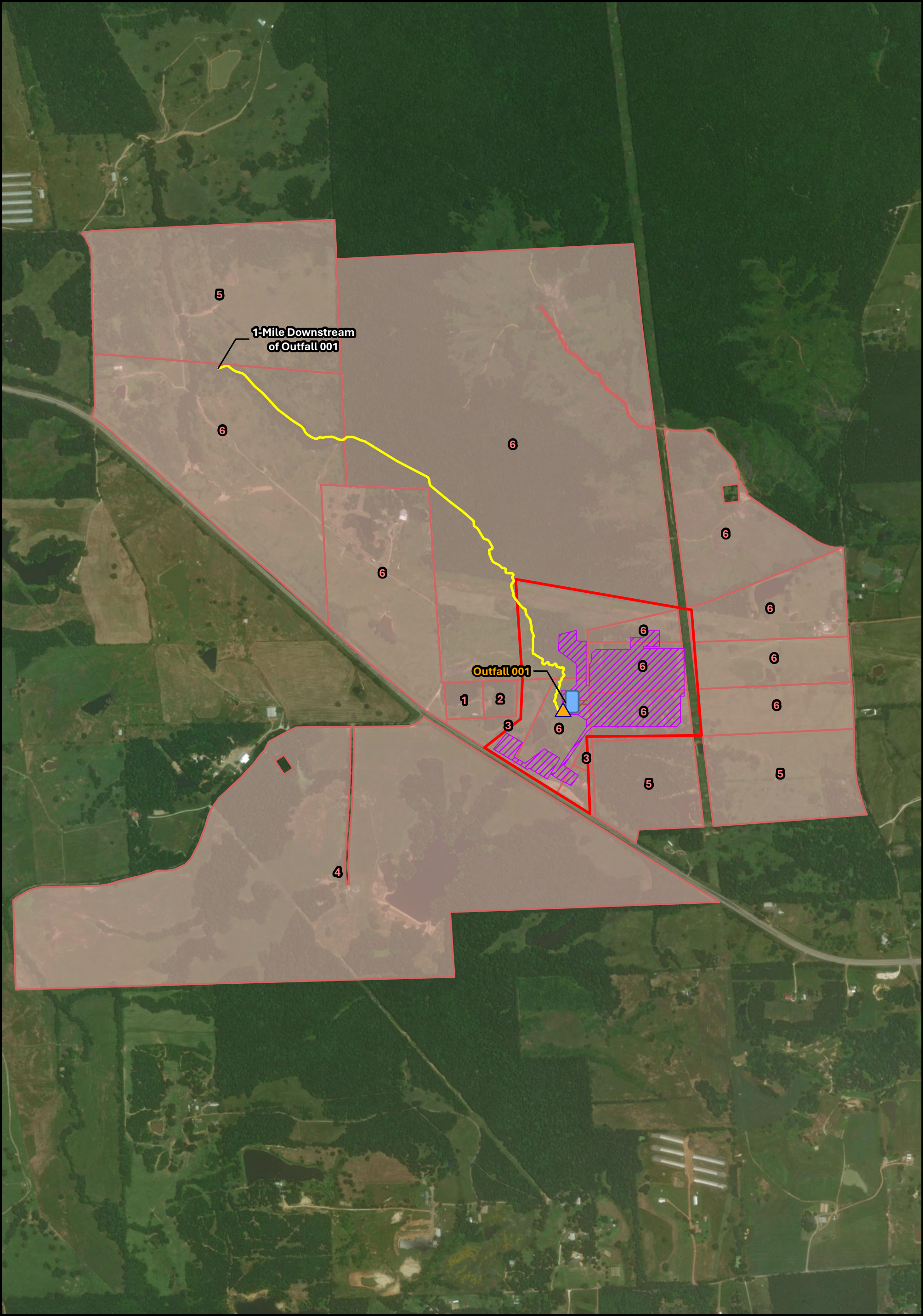




## APPENDIX F - AFFECTED LANDOWNERS

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<div><div><div></div></div><div>Property Boundary</div></div> <div><div><div></div></div><div>Facility Boundary</div></div> <div><div><div></div></div><div>Detention Pond</div></div>	<div><div><div></div></div><div>Outfall</div></div> <div><div><div></div></div><div>Discharge Route</div></div> <div><div><div></div></div><div>Adjacent Landowner</div></div>	<div><div><div></div></div><div>NORTH</div></div> <div><div><div></div></div><div>1,100 550 0 1,100</div></div> <div><div><div></div></div><div>Scale in Feet</div></div>	<div><div><div></div></div><div>BURNS MCDONNELL™</div></div>	<div><div><div></div></div><div>Attachment F Adjacent Landowner Map Naples Power Plant Arkansas Electric Cooperative Corporation Morris County, Texas</div></div>
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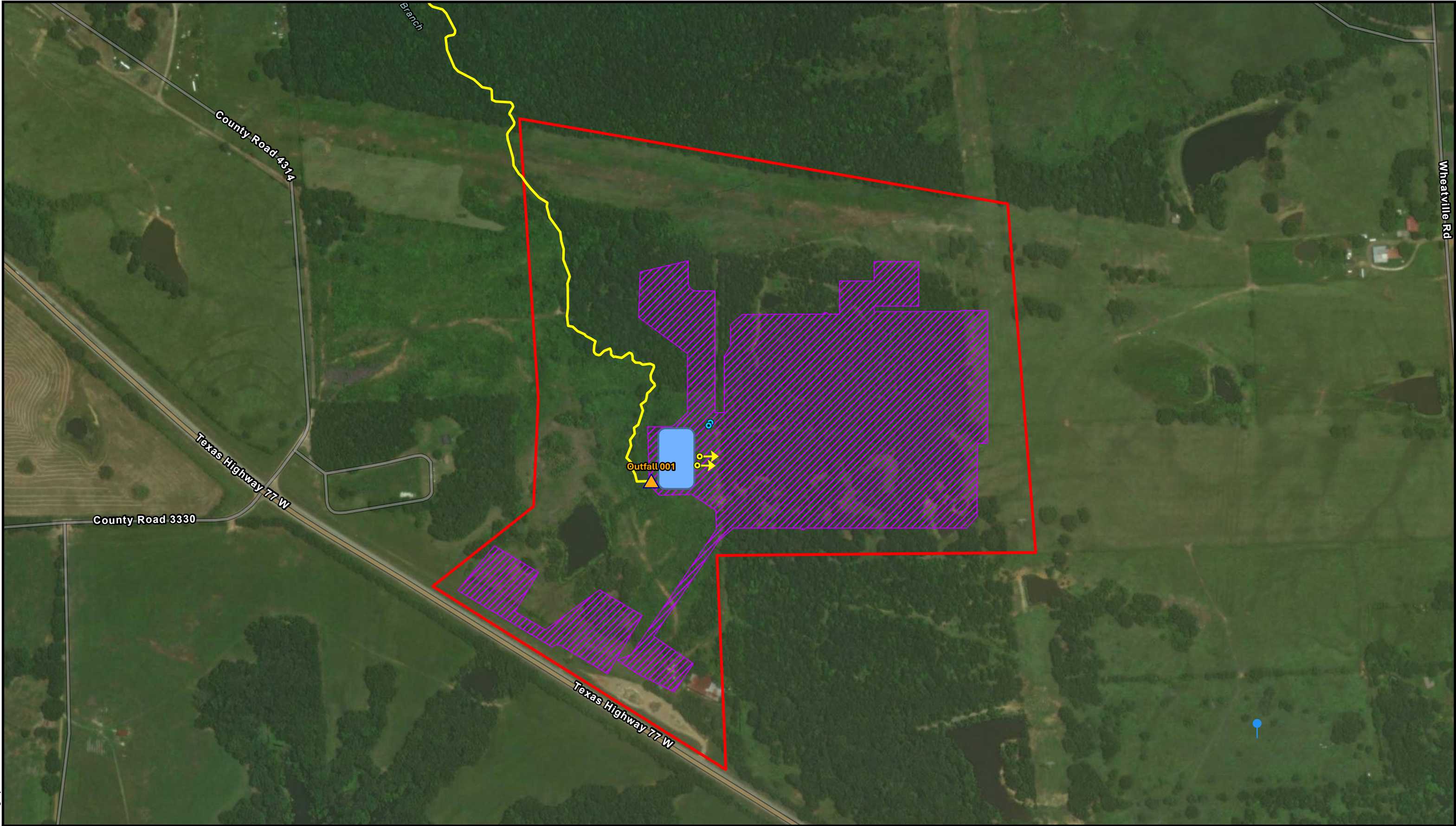
OBJECTID	Parcel_ID	Owner	MailAddress	Label	GlobalID	Shape__Area	Shape__Length
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2	6613	VISSERING JAMES N ETAL	100 COUNTY ROAD 4314, OMAHA, TX 75571	5	{328B7BBE-D1	2058351.601	6030.329913
3	6626	HOOD CHARLIE	401 MARTIN LUTHER KING BLVD , NAPLES TX 75568	1	{163A4FE8-84	219531.632	1876.762638
4	6630	VISSERING MARTIN	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{B5B86830-74	2270872.595	8009.844733
5	6613	VISSERING JAMES N ETAL	100 COUNTY ROAD 4314, OMAHA, TX 75571	5	{FD23B5B2-00	1469514.243	4917.294116
7	6617	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{52EEFD0A-40	1492087.184	5591.232789
8	14858	SIX PINES LLC	1072 CREEK CROSSING, COPPELL, TX 75019	4	{BF999C9B-40	15962339.21	25839.00598
9	6618	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{B4702DED-A	1119345.572	5040.534375
10	6639	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{61C1E9AD-A	3226251.207	7988.973132
11	6633	VISSERING MARTIN	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{832C375C-B0	5935912.663	11305.09013
14	6627	HOOD WILLIE MRS	509 WL DOC DODSON W, NAPLES, TX 75568	2	{CEC7BD51-A	190874.432	1750.796326
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17	6643	VISSERING JAMES N ETAL	100 COUNTY ROAD 4314, OMAHA, TX 75571	5	{D06BED52-C	5298670.06	9710.721807
18	6625	INDUSTRIAL PALLET	100 COUNTY ROAD 4314, OMAHA, TX 75571	3	{88342CB7-B5	528406.4322	4013.674024
19	6624	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{C5E6F1F7-07	850735.972	3831.644338
20	6658	VISSERING MARTIN & LORA	100 COUNTY ROAD 4314, OMAHA, TX 75571	6	{564E77E7-B3	740397.1569	3674.605642
21	6625	INDUSTRIAL PALLET	100 COUNTY ROAD 4314, OMAHA, TX 75571	3	{A7F8187E-7E	65874.19133	1278.984182
22	6622	VISSERING MARTIN	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{F4DD9FB0-71	179634.4455	1778.83812
23	6617	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{1BF7FBAF-4F	327240.7121	2895.531219
24	6618	VISSERING MARTIN & LORA	92 COUNTY ROAD 4314, OMAHA, TX 75571	6	{6178E77A-C2	722800.0847	3601.552321

## APPENDIX G – ORIGINAL PHOTOS MAP

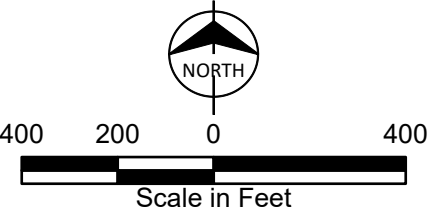
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Path: C:\Users\cmwestmoreland\Burns & McDonnell\Texas ENS - Texas GIS\Fort Worth\AEC\164180 - Morris County Generating Station - Vissering\ArcGIS Project\Vissering.aprx cmwestmoreland 3/18/2025  
Service Layer Credits: World Imagery: Maxar



- |                   |   |
|-------------------|---|
| Property Boundary | Discharge Route                             |
| Facility Boundary | Anticipated Location of Oil Water Separator |
| Detention Pond    | East Facing Photo from Discharge Route      |
| Outfall           | Photo Direction                             |



	Attachment G
	Photo Location Map
	Naples Power Plant
	Arkansas Electric
	Cooperative Corporation
	Morris County, Texas



## APPENDIX H – SUPPLEMENTAL PERMIT INFORMATION FORM

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# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

### FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

**TCEQ USE ONLY:**

Application type: \_\_\_\_Renewal \_\_\_\_Major Amendment \_\_\_\_Minor Amendment \_\_\_\_New

County: \_\_\_\_\_ Segment Number: \_\_\_\_\_

Admin Complete Date: \_\_\_\_\_

Agency Receiving SPIF:

\_\_\_\_ Texas Historical Commission

\_\_\_\_ U.S. Fish and Wildlife

\_\_\_\_ Texas Parks and Wildlife Department

\_\_\_\_ U.S. Army Corps of Engineers

**This form applies to TPDES permit applications only.** (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

**Do not refer to your response to any item in the permit application form.** Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at [WQ-ARPTeam@tceq.texas.gov](mailto:WQ-ARPTeam@tceq.texas.gov) or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: Arkansas Electric Cooperative Corporation

Permit No. WQ00 NAEPA ID No. TX NA

Address of the project (or a location description that includes street/highway, city/vicinity, and county):

Located off State Highway 77, approximately a third of a mile southeast of the intersection of State Highway 77 and County Road 4314

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Kollin Derynck

Credential (P.E, P.G., Ph.D., etc.): NA

Title: VP - Power Production

Mailing Address: PO Box 194208

City, State, Zip Code: Little Rock, AR 72219

Phone No.: (501) 570-2302 Ext.: NA Fax No.: NA

E-mail Address: Kollin.Derynck@aecc.com

2. List the county in which the facility is located: Morris County
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

NA

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

via Outfall 001, to an unnamed tributary of Mary Lees Branch, thence to Mary Lees Branch, thence to Segment 0303B White Oak Creek, thence to Segment 0303 Sulphur/South Sulphur River

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☒ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features



☒ Disturbance of vegetation or wetlands

1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

The project site will encompass 40 acres of undisturbed land. Clearing of vegetation and leveling for construction. No known caves or karst features are located on site.

2. Describe existing disturbances, vegetation, and land use:

The land is currently undisturbed. A field assessment was conducted and found herbaceous upland, scrub-shrub upland, forested upland, wetlands, ephemeral streams and ponds.

THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

3. List construction dates of all buildings and structures on the property:

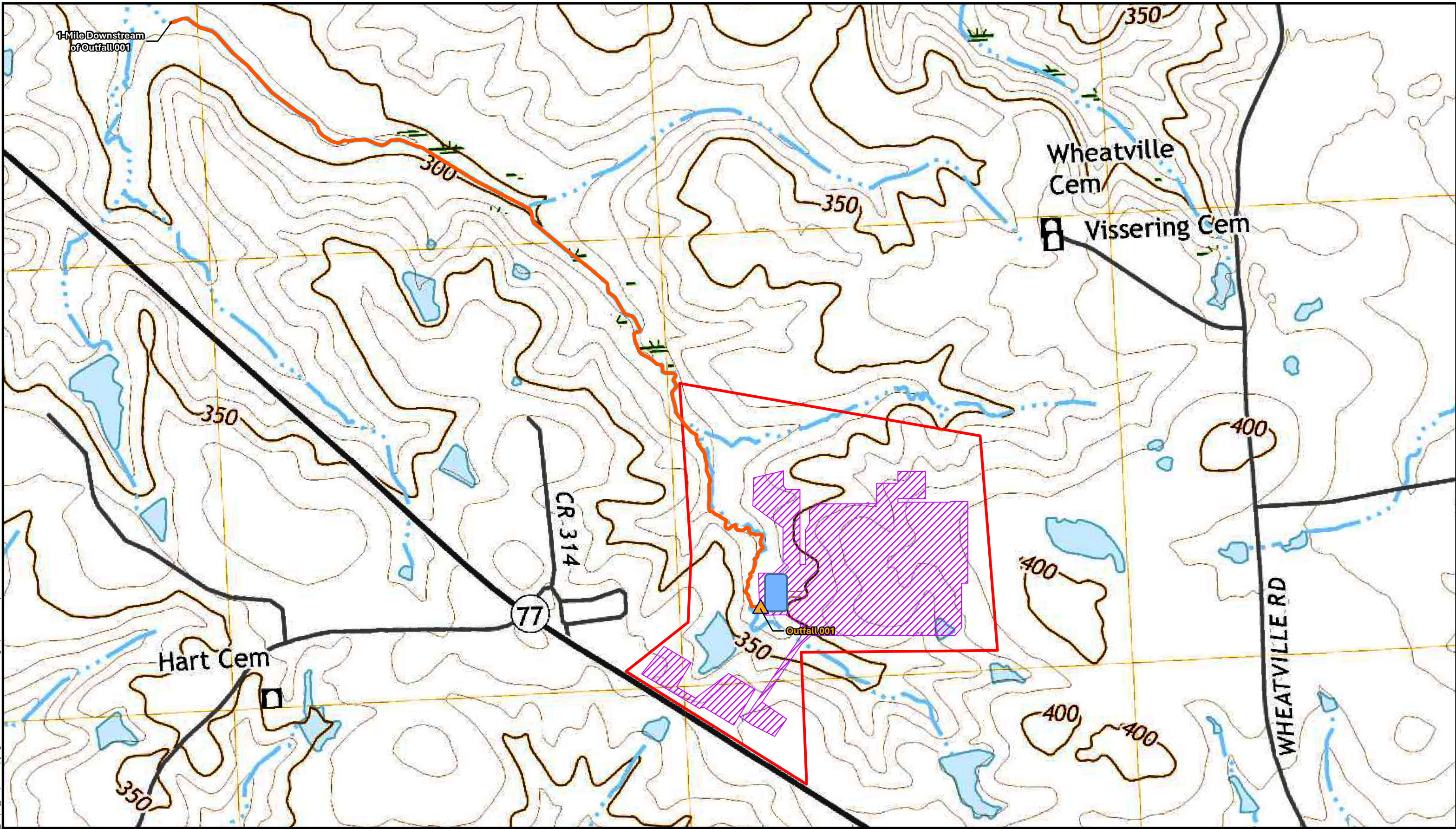
There are no existing buildings on the property.

4. Provide a brief history of the property, and name of the architect/builder, if known.

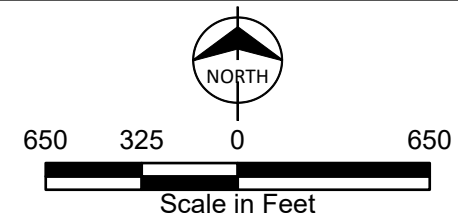
There has been no known building or development of the property.




Path: C:\Users\cmwestmoreland\Burns & McDonnell\Texas ENS - Texas GIS\Fort Worth\AEC164180 - Morris County Generating Station - Vissering\ArcGIS Project\Vissering.aprx cmwestmoreland 3/18/2025  
Service Layer Credits: USA\_Topo\_Maps: Copyright © 2013 National Geographic Society, Inc.



- Property Boundary
- Facility Boundary
- Detention Pond
- Outfall
- Discharge Route
- Photo Direction





Attachment H  
SPIF Map  
Naples Power Plant  
Arkansas Electric  
Cooperative Corporation  
Morris County, Texas



## APPENDIX I – FACILITY NARRATIVE

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## Attachment I: Facility Narrative

The Naples Power Plant will be developed from a greenfield site as a simple cycle power generation facility comprised of two dual-fuel simple cycle combustion turbines with ancillary buildings and equipment. The turbines will primarily be fired by natural gas; fuel oil will be stored on-site as a backup fuel source for the turbines.

Raw water will be sourced from on-site wells and treated by multimedia filters. The treated source water will be routed to the potable water system for sanitary use and the service/fire water storage tank for electric generating operations. The multimedia filters will intermittently generate a backwash wastestream. The filter backwash will be routed to the stormwater/wastewater collection sumps.

Sanitary waste generated from the potable water system will be disposed of by an on-site septic tank and drain field system, serviced by a licensed waste-disposal facility as needed.

Treated water from the service/fire water storage tank will be routed to 1) the mobile demineralized (demin) trailers for further treatment, 2) the evaporative coolers, and 3) service water uses.

1. Mobile Demineralized Trailers—Water demineralization is a water treatment process that removes minerals through an ion exchange.

The demineralized water will be sent to the demineralized water storage tank, where it can either be routed for use in the wet compression system or injected with nitrogen before use in the gas turbines. The demineralized water used in the gas turbines will be lost through evaporation.

The waste from the treatment process will be collected and sent off-site for disposal.

2. Evaporative Coolers—The evaporative coolers cool compressor intake air through humidification by spraying a mist or fog of water into the air stream entering a gas turbine. The air intake will have a higher relative humidity and a lower temperature. Inlet air cooling will increase the air mass flow rate and pressure ratio, yielding higher turbine output power and efficiency.

The evaporative coolers produce blowdown, which will be routed to the stormwater/wastewater collection sumps.

3. Service Water Use - Warehouse floor and equipment washdown waters will be collected by floor drains and routed to an oil water separator for treatment.

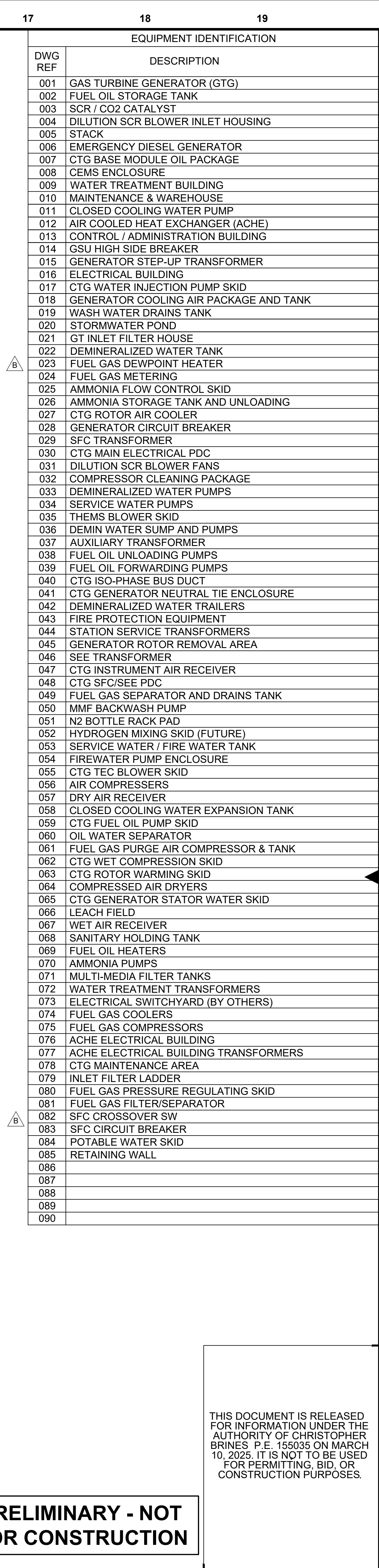
Potentially oil-contaminated stormwater from the fuel oil tanks' secondary containment and other areas of the site where industrial activities will be conducted will be routed to the same oil water separator as the floor drains for treatment before being routed to the stormwater/wastewater collection sumps.

The stormwater/wastewater collection sumps will be routed to the on-site pond before being discharged to Outfall 001.

## APPENDIX J – FACILITY MAP

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## APPENDIX K – WATER BALANCE

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