



**US Army Corps
of Engineers®**

PUBLIC NOTICE

Applicant: Robert Rigdon
Published: December 1, 2025
Beaver Lake Renewable Energy
Expires: December 10, 2025

Vicksburg District
Permit Application No. MVK-2025-00660

TO WHOM IT MAY CONCERN: The Vicksburg District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) **and/or** Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403). The purpose of this public notice is to solicit comments from the public regarding the work described below:

APPLICANT: Robert Rigdon
Beaver Lake Renewable Energy
840 West Sam Houston Parkway North
Houston, Texas 77024

AGENT: Ariane Lee
ERM
3838 North Causeway Boulevard
Metairie, Louisiana 70002

WATERWAY AND LOCATION: The project would affect waters of the United States (WOTUS) associated with the Red River. The project/review area is located in 32 Section, 4N Township, 1E Range; at Latitude 31.294022 N and Longitude -92.351325 W in Rapides Parish, Louisiana.

EXISTING CONDITIONS: The proposed project site consists of the Beaver Lake Industrial Park and a 26-acre, mostly wooded, parcel bordering the industrial park. The site was previously a Kraft Paper Mill operated by International Paper from approximately 1968 until it was closed in 2009. The Beaver Lake Industrial Park was created to promote redevelopment of the site and is currently overseen by Bayou Gas Odorants of Pineville, Louisiana.

The proposed project site is within the South-Central Plains (35) Level III Ecoregions. The South-Central Plains features rolling plains interspersed with flat terraces, bottomlands, sandy hills, and low cuestas, making its terrain more varied than neighboring flatter regions. Uplands consist of acidic soils from tertiary deposits, while bottomlands are covered with quaternary alluvium and loess.

Historically, vegetation included longleaf pine savannas in the south and shortleaf pine/hardwood forests in the north, with bald cypress and hardwoods in floodplains. The region, spanning parts of Louisiana, Arkansas, east Texas, and Oklahoma, is mostly forested, with extensive pine plantations. Key land uses include timber, livestock, oil and gas, and cropland, especially in the Red River bottomlands (Daigle et al, 2006).

PROJECT PURPOSE: Produce low-carbon intensity green methanol

Basic: Commercial Development

Overall: The overall purpose is to produce low-carbon intensity green methanol at 553,000 metric tons per year for use as marine fuel for the shipping industry.

PROPOSED WORK: The applicant is applying for a Department of the Army permit to conduct regulated activities within WOTUS for the purpose of developing a renewable biofuels production facility to produce low-carbon intensity green methanol via gasification of sustainably sourced wood biomass.

The proposed project would utilize gasification technology to convert 2.5 million tons of biomass per year in three parallel gasification trains. The biomass would be generated from sustainably managed wood from forest suppliers in the surrounding areas. The facility is projected to produce 553,000 metric tons of green methanol per year to be utilized as marine fuel for the shipping industry.

The facility would be partially constructed on previously developed property in addition to areas of the former paper mill site, which had not been previously developed with buildings, but were utilized as ancillary support areas for the mill.

The proposed project would be comprised of eight central process blocks: the gasification island, the acid gas removal unit, the sulfur removal unit, the methanol synthesis unit, the woodyard, wood drying, syngas compression, syngas conditioning, the CO₂ compression unit, the air separation unit, and associated facilities (see attached drawings).

The remainder of the project would be comprised of rail loading facilities, tankage for product storage, buildings/utilities and auxiliary systems such as, but not limited to, process and wastewater treatment, fired utility systems, power distribution, and plant and instrumentation air.

Approximately 16.87 acres of wetlands would be impacted by the proposed project. Approximately 323,778 cubic yards of fill material would be placed within these areas.

AVOIDANCE AND MINIMIZATION: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment. The applicant has attempted to minimize wetland impacts by designing the facility in areas of the property that are mostly occupied by uplands.

COMPENSATORY MITIGATION: To compensate for the unavoidable loss of wetlands as a result of the project activities, the applicant has proposed to purchase mitigation credits from an approved USACE mitigation bank.

CULTURAL RESOURCES: The Corps is evaluating the undertaking for effects to historic properties as required under Section 106 of the National Historic Preservation Act. This public notice serves to inform the public of the proposed undertaking and invites comments including those from local, state, and federal government agencies with respect to historic resources. Our final determination relative to historic resource impacts may be subject to additional coordination with the State Historic Preservation Officer, federally recognized tribes, and other interested parties.

The District Engineer's final eligibility and effect determination will be made with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

ENDANGERED SPECIES: The Corps has performed an initial review of the application utilizing the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) to determine if any threatened, endangered, proposed, or candidate species, as well as proposed and final designated critical habitat, may occur in the vicinity of the proposed project. Based on this initial review, the Corps has made a preliminary determination that the proposed project will not affect any listed species or critical habitat:

Red-cockaded Woodpecker – Threatened, No Effect

Tricolored Bat - Proposed Endangered, No Effect

Alligator Snapping Turtle - Proposed Threatened, No Jeopardy

Monarch Butterfly – Proposed Threatened, No Jeopardy

Pursuant to Section 7 of the Endangered Species Act (ESA), any required consultation with the Service(s) will be conducted in accordance with 50 CFR part 402.

The US Army Corps of Engineers is the lead federal agency for ESA consultation for the proposed action. Any required consultation will be completed by the US Army Corps of Engineers.

This notice serves as a request to the U.S. Fish and Wildlife Service for any additional information on whether any listed or proposed to be listed endangered or threatened

species or critical habitat may be present in the area which would be affected by the proposed activity.

ESSENTIAL FISH HABITAT: Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

The Corps has determined the proposal would have no effect on any Essential Fish Habitat (EFH) [no EFH identified at the location]. Therefore, no consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996 is required.

NAVIGATION: The proposed activity is not located in the vicinity of a federal navigation channel.

SECTION 408: The applicant will not require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) because the activity, in whole or in part, would not alter, occupy, or use a Corps Civil Works project.

WATER QUALITY CERTIFICATION: Water Quality Certification may be required from the Louisiana Department of Environmental Quality to certify that the described work will comply with the state's water quality standards and effluent limitations before a Corp's permit is issued.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either is, or is presumed to be, within the jurisdiction of the Corps has been verified by Corps personnel.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments.

All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

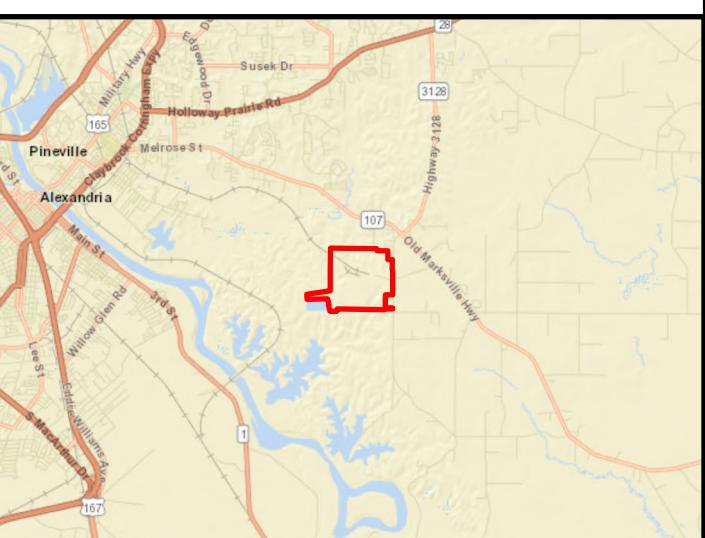
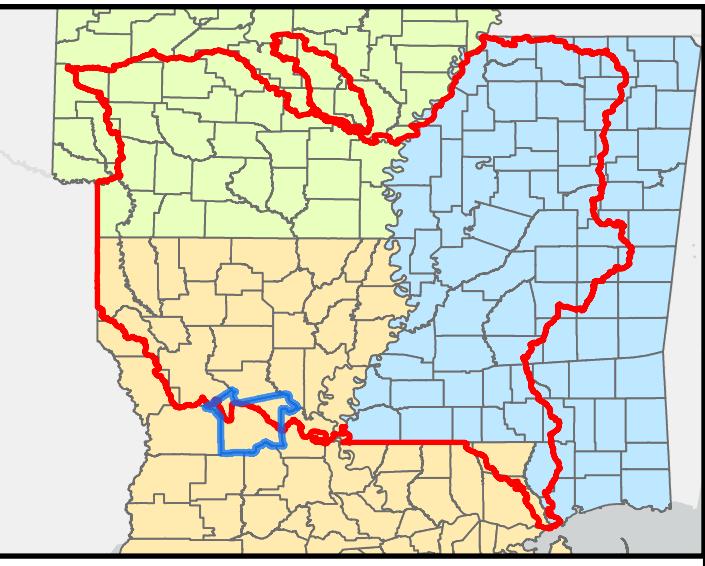
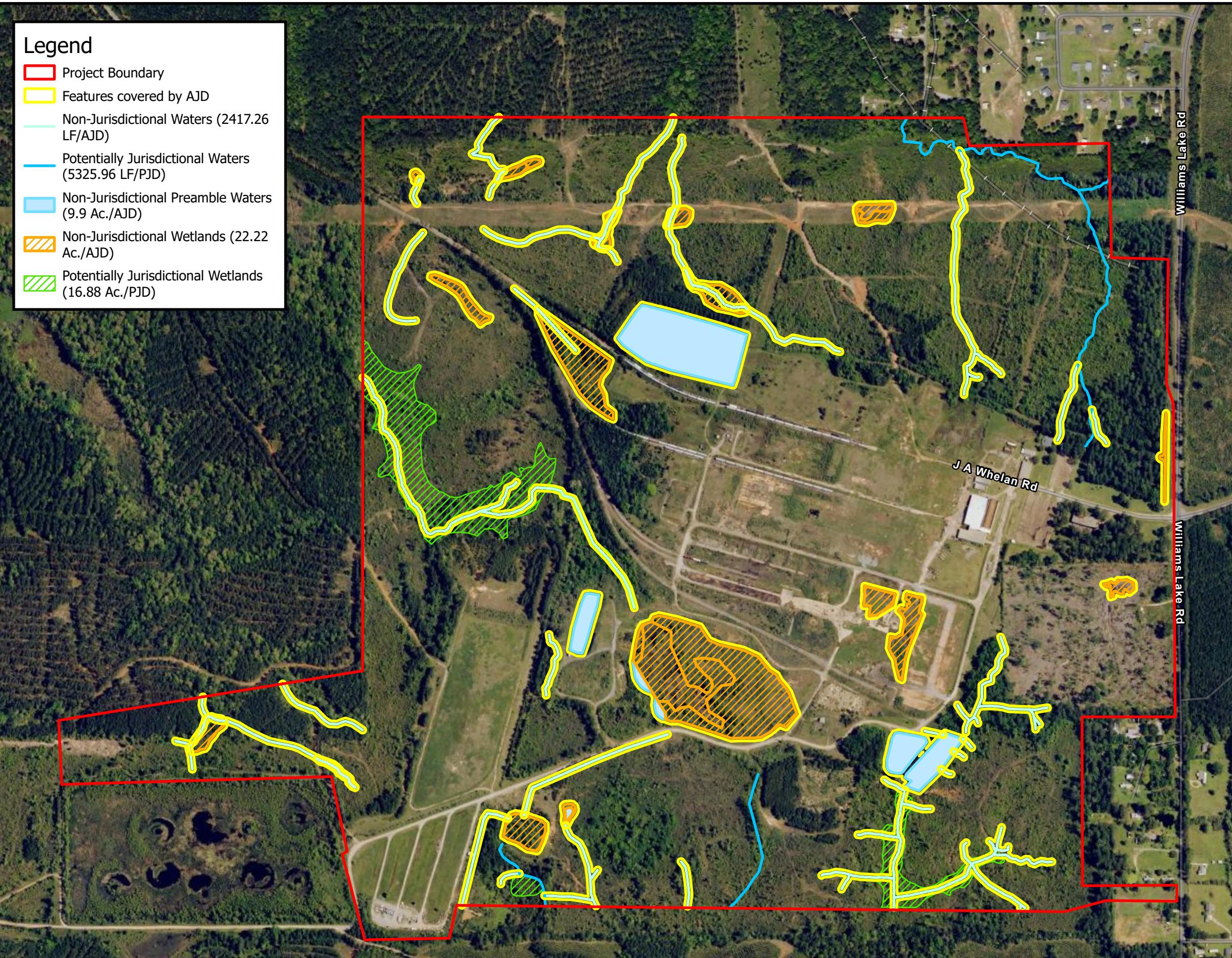
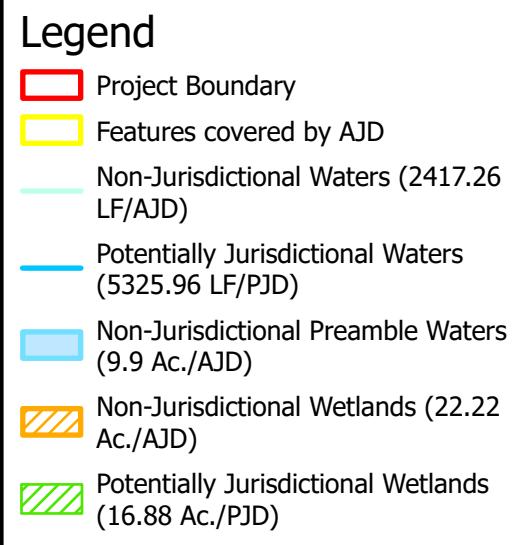
Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

COMMENTS: The Corps is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The Vicksburg District will receive written comments on the proposed work, as outlined above, until December 5, 2025. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs> or to Tarmiko Graham at Tarmiko.V.Graham@usace.army.mil. Please refer to the permit application number in your comments.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

Andy Sanderson
Chief, Arkansas/Louisiana Branch
Regulatory Division



MVK-2025-660

**Beaver Lake Renewable Energy,
LLC
Rapides Parish Project**

**Vicksburg District
Regulatory Division**

November 21, 2025

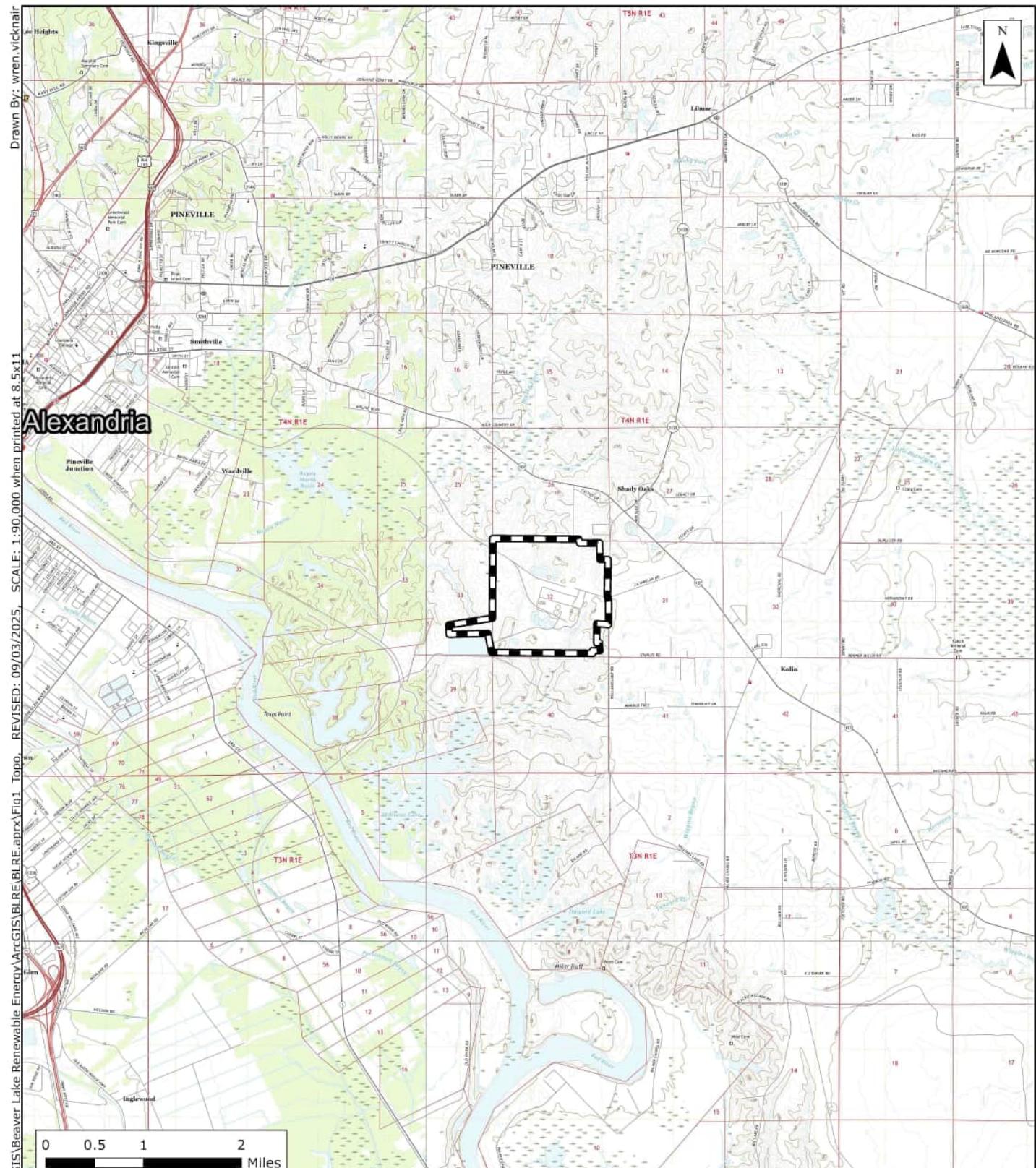
Bryton Hixson

0 0.17 0.35 Miles



Jurisdictional Determination



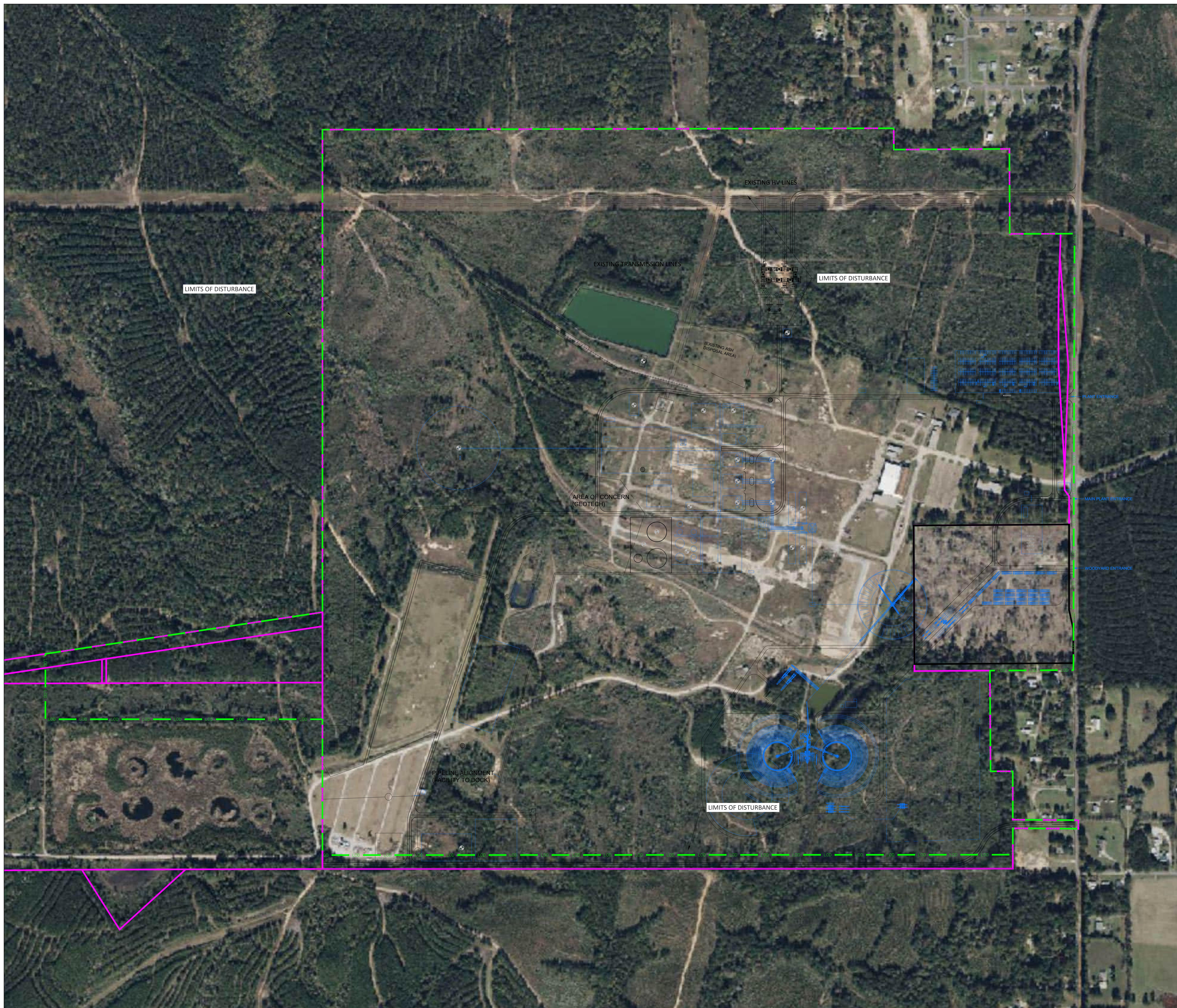


Legend
 Project Area

Notes: 2024 Topographic map via USGS
[\(https://ngmdb.usgs.gov/topoview.\)](https://ngmdb.usgs.gov/topoview/)

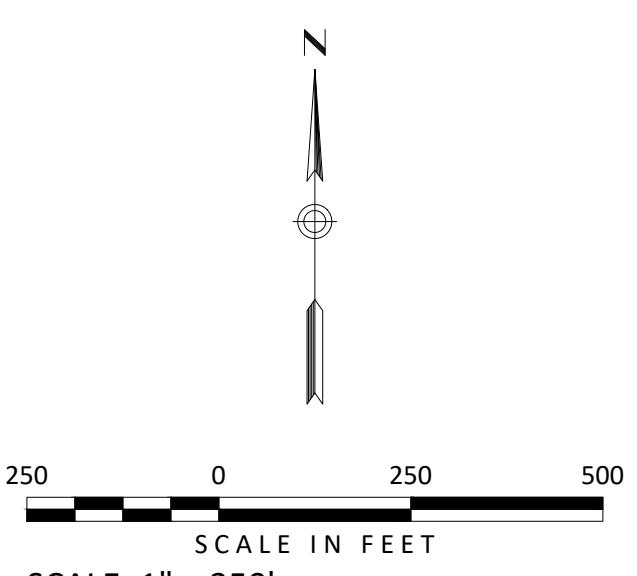
Figure 1
Topographic Map
 MVK-2025-00660
 Beaver Lake Renewable Energy Project
 Rapides Parish, Louisiana





LEGEND

- LOD — LIMITS OF DISTURBANCE
- PARCEL BOUNDARY —



- PRELIMINARY -
NOT FOR CONSTRUCTION

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ISSUED FOR INFORMATION	J. CLIFF	L. COLE	07-15-25
REV	DESIGN BY	CHECKED BY	DATE

BEAVER LAKE
RENEWABLE ENERGY

Kiewit

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REGISTERED ENGINEERING FIRM # 00000000

LIMITS OF DISTURBANCE EXHIBIT
PLANT ONLY

ENGINEER/DESIGN ORIGINATOR	J. CLIFF	DRAWING NUMBER
LEAD ENG	B. YANG	
ENG MGR	D. DUBOIS	
PRO MGR	L. HARRIS	

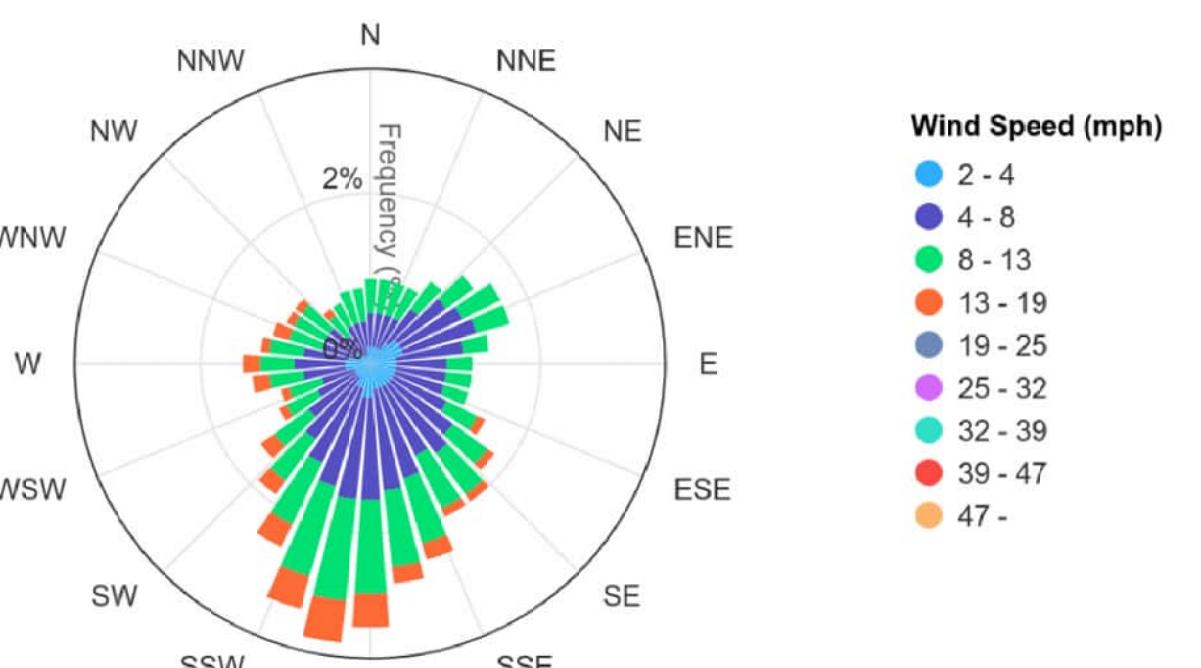
20043261-XX-XXXX

CAD FILE: 20043261-LOD EXHIBIT.DWG

EMISSIONS POINT NO.	EQUIPMENT DESCRIPTION	STATE PLANE COORDINATES (US SURVEY FEET)				PLANT COORDINATES	
		NORTHING	EASTING	LATITUDE	LONGITUDE	NORTHING	EASTING
EP-001	ESSENTIAL GENERATOR DIESEL ENGINE	289806.0794	3326272.5077	N31° 17' 47.74"	W92° 21' 16.29"	13849.7794	23339.6577
EP-002	FIRE WATER DIESEL ENGINE	289603.6790	3325235.5351	N31° 17' 45.75"	W92° 21' 28.25"	13647.3790	22302.6851
EP-003	COOLING TOWER	289288.0452	3325170.3179	N31° 17' 42.63"	W92° 21' 29.00"	13331.7452	22237.4679
EP-004	LO-CAT SULFUR SYSTEM	289247.7631	3325884.9842	N31° 17' 42.22"	W92° 21' 20.77"	13291.4631	22952.1342
EP-005	FLARE	288979.8430	3323911.2590	N31° 17' 39.60"	W92° 21' 43.52"	13023.5430	20978.4090
EP-006	CO2 COMPRESSION	289247.7631	3325669.7319	N31° 17' 42.23"	W92° 21' 23.25"	13291.4631	22736.8819
EP-007	AUX BOILER STACK	288561.5434	3325570.8663	N31° 17' 35.44"	W92° 21' 24.40"	12605.2434	22638.0163
EP-008	METHANOL TANK FARM SCRUBBER 1	288287.6832	3325240.5055	N31° 17' 32.73"	W92° 21' 28.21"	12331.3832	22307.6555
EP-009	METHANOL TANK FARM SCRUBBER 2	288237.5490	3325551.1556	N31° 17' 32.23"	W92° 21' 24.63"	12281.2490	22618.3056
EP-010	GASIFICATION TRAIN 1	288894.8030	3325912.6030	N31° 17' 38.73"	W92° 21' 20.45"	12938.5030	22979.7530
EP-011	GASIFICATION TRAIN 2	288741.4377	3325912.6030	N31° 17' 37.21"	W92° 21' 20.46"	12785.1377	22979.7530
EP-012	GASIFICATION TRAIN 3	288586.8030	3325912.6030	N31° 17' 35.68"	W92° 21' 20.46"	12630.5030	22979.7530
EP-013	DRY CHIP SILO 1	288895.4377	3326160.9468	N31° 17' 38.73"	W92° 21' 17.59"	12939.1377	23228.0968
EP-014	DRY CHIP SILO 2	288741.4427	3326160.9468	N31° 17' 37.21"	W92° 21' 17.59"	12785.1427	23228.0968
EP-015	DRY CHIP SILO 3	288587.4427	3326160.9468	N31° 17' 35.68"	W92° 21' 17.60"	12631.1427	23228.0968
EP-016	BIOMASS DRYER 1	288546.6124	3326305.2543	N31° 17' 35.28"	W92° 21' 15.93"	12590.3124	23372.4043
EP-017	BIOMASS DRYER 2	288546.6124	3326382.2543	N31° 17' 35.28"	W92° 21' 15.05"	12590.3124	23449.4043
EP-018	BIOMASS DRYER 3	288264.6124	3326305.2543	N31° 17' 32.49"	W92° 21' 15.94"	12308.3124	23372.4043
EP-019	BIOMASS DRYER 4	288264.6124	3326382.2543	N31° 17' 32.49"	W92° 21' 15.05"	12308.3124	23449.4043
EP-020	PLANT PROCESS WASTEWATER	286107.8447	3323933.1684	N31° 17' 11.17"	W92° 21' 43.31"	10151.5447	21000.3184

ALEXANDRIA ESLER FIELD (LA) Wind Rose

January 01, 1997 - December 31, 2023
Sub-Interval: January 1 - December 31, 0 - 24

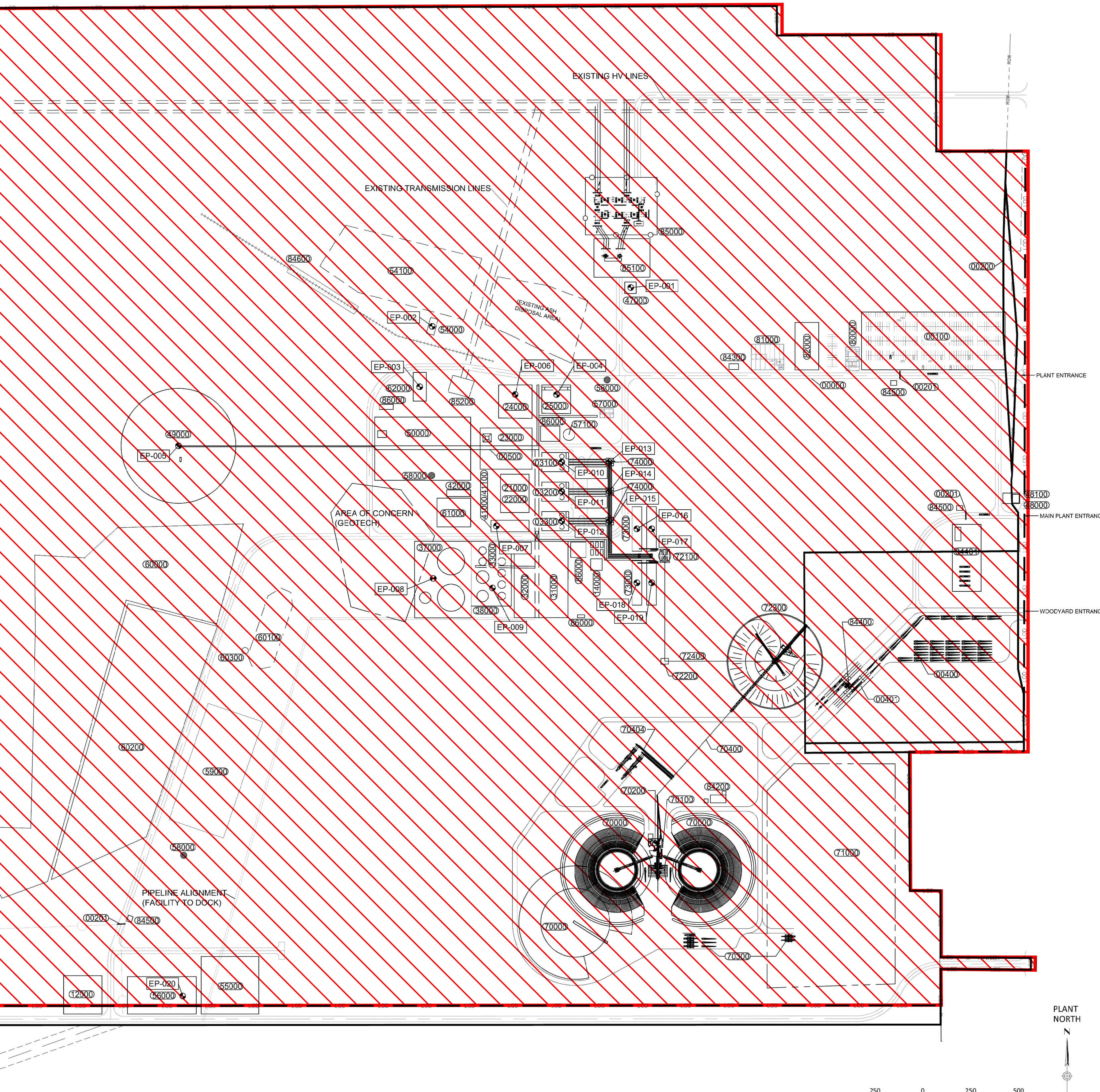


Site legend note:

Cross hatching extends to the property boundaries and the areas have been reviewed for wetlands, State historic preservation office criteria, threatened and endangered species, migratory birds and bats of concern, and other environmental reviews and considerations.

All areas with cross hatching within the identified areas and progressing to the property boundaries may be used by BLRE for clearing, grubbing, grading, tree removal, cut & fill, construction of perimeter noise barriers, temporary facilities, equipment laydown, construction laydown, temporary construction material storage areas, temporary concrete and asphalt batch plants, temporary sanitary facilities, log and chip storage, truck storage, training facilities and activities, installation of potential solar panels and battery energy systems, and other activities and facilities that may be required by the Project or needed during construction.

In addition, areas with cross hatching will include underground and above infrastructure for the Project including roads, electrical distribution and transmission, site lighting, storm drainage, stormwater holding structures, stormwater erosion control structures, sewers, water lines, groundwater well equipment locations, fire lines and hydrants, rail tracks and crossings, emergency exits, air and noise monitoring stations, wastewater pipelines and discharge monitoring stations, maintenance stations and access locations, maintenance crane staging and lifting locations, fire, ambulance, and fire crane access locations, utility switchyard and transmission line access roads and maintenance staging locations, telecommunication towers and alarms, safety showers, fencing, landscaping, signage, facilities supporting and required for plant major maintenance events, miscellaneous minor structures and facilities, and other similar industrial infrastructure required for the completed Project.



LEGEND

ANSWER - PRACTITIONER

00000 - ROADWAY
00100 - PARKING (EMPLOYEE / CONTRACTOR)
00200 - FENCE (NOT SHOWN - HOLD)
00201 - GATE
00400 - TRUCK STAGING AREA
00401 - WEIGH STATIONS
00500 - PIPERACK
03100 - GASIFICATION TRAIN 1 (GT1)
03200 - GASIFICATION TRAIN 2 (GT2)
03300 - GASIFICATION TRAIN 3 (GT3)
12000 - CO2 METERING STATION
14000 - HEAT RECOVERY SYSTEM
21000 - SYNGAS COMPRESSION
22000 - SOUR WATER-GAS SHIFT AND HCN HYDROLYSIS
23000 - ACID GAS REMOVAL AND REFRIGERATION SYSTEM
24000 - CO2 COMPRESSION
25000 - SULFUR REMOVAL AND COMPRESSION
31000 - METHANOL SYNTHESIS
32000 - METHANOL DISTILLATION
33000 - DISTILLATION TANK FARM
37000 - METHANOL PRODUCT STORAGE - RAILCAR
38000 - METHANOL PRODUCT LOADING SYSTEM - BARGE
41000 - STEAM SYSTEMS
41100 - AUXILIARY BOILER
42000 - INSTRUMENT AIR
47000 - EMERGENCY GENERATOR
48000 - NATURAL GAS
48100 - NG CUSTODY TRANSFER POINT
49000 - FLARE
50000 - AIR SEPARATION UNIT
54000 - FIREWATER
54100 - EXISTING FIRE POND
55000 - SANITARY WASTEWATER TREATMENT BUILDING
56000 - WASTEWATER TREATMENT BUILDING
57000 - DEMIN WATER PROCESS BUILDING
57100 - DEMIN WATER BUFFER TANK
58000 - EXISTING WATER WELLS
59000 - STORM WATER DETENTION POND
60000 - EXTENDED LANDFILL AREA
60100 - EXISTING LEACHATE POND
60200 - EXISTING LANDFILL
60300 - EXISTING LEACHATE SUMP
61000 - PLANT SUMPS
62000 - LP COOLING WATER
70000 - RADIAL LOG STACKER
70100 - CHIPPER
70200 - HOG
70300 - UNBINDING RACK
70400 - CONVEYOR
70404 - MATERIAL TRUCK UNLOADING
71000 - WET BIOMASS LONG TERM LOG STORAGE
72100 - CHIP TOWER AND RESIZER
72200 - TRANSFER TOWER
72300 - STACKER RECLAIMER
72400 - CONVEYOR
73000 - BIOMASS DRYER
74000 - DRY CHIP SILO
80000 - SITE SUPPORT BUILDING
81000 - SITE CONTROL BUILDING
82000 - MAINTENANCE AND WAREHOUSE BUILDING
84200 - WOODYARD BUILDING
84300 - CHEMICAL CANOPY
84400 - TRUCK SCALE HOUSE
84401 - TRUCK STOP CENTER
84500 - GUARD HOUSE
84600 - RAILWAY LOADING CANOPY
85000 - ELECTRICAL SUBSTATION (CLECO)
85100 - BLRE SUBSTATION
85200 - EXISTING ELECTRICAL
86000 - ELECTRICAL ENCLOSURE

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	ISSUED FOR OWNER REVIEW	

B	L. LITTLE	TBD
A	ISSUED FOR REVIEW	
	L. LITTLE	M. JARRETT
REV	DESIGN BY	CHECKED BY

 **BEAVER LAKE**
RENEWABLE ENERGY

 **Kiewit**

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REGISTERED ENGINEERING FIRM : EF.0003098

PLOT PLAN

ENGINEER/DESIGN ORIGINATOR <u>L. LITTLE</u>	DRAWING NUMBER
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