December 25, 2023

Regulatory Division
Eastern Evaluation Branch

Project Manager:
Damon Morse
(504) 862-2041
Damon.Morse@usace.army.mil

Application #: MVN-2022-00623-EDM

PUBLIC NOTICE

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [ X ] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [ X ] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344), and/or [ X ] Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408).

Blue Ammonia Production Facility in Saint Charles Parish

NAME OF APPLICANT: St. Charles Clean Fuels, LLC, attn.: Kris Knudsen, 11111 Katy Freeway, Houston, Texas 77079.

LOCATION OF WORK: Located to the north of the existing International-Matex Tank Terminals (IMTT) and connects to the Mississippi River around Mile Point 119 at 11842 River Road, Saint Rose, Saint Charles Parish, Louisiana, (lat. 29.959211, long. -90.332609), as shown within the attached drawings. (Hydrologic Unit Code 08090203; Lower Mississippi – Lake Pontchartrain).

CHARACTER OF WORK: To construct and maintain a Blue Ammonia Facility that proposes to produce, store, and ship ammonia for commercial use. The proposed ammonia facility would include the construction of access roads, two processing areas, two detention ponds, four storage tanks, a drainage servitude, and various common facilities needed for operations. A temporary barge mooring area and an access road would be constructed that is proposed to extend from the shoreline of the Mississippi River to the proposed facility. Construction of the road would require filling the batture with material for the temporary grade/slope, a temporary bridge, permanent bridge, and excavation and filling of wetlands near the proposed facility for construction access. Transportation of ammonia would require expansion and modification of the existing pipe rack that would extend from the proposed new ammonia facility, over the levee,
and to existing docks on the Mississippi River. Modifications to the existing docks would include a pipe bridge, pipe rack, equipment platform, water intake platform, dock extensions, walkways, dock supports, and dolphins. The entire project is expected to permanently impact approximately 220 acres of jurisdictional wetlands and waters of the United States.

**MITIGATION:** If a DA permit is issued for the proposed work, the applicant has agreed to purchase mitigation credits through an approved mitigation bank to offset the direct adverse impacts to jurisdictional wetlands.

The comment period on the requested Department of the Army Permit will close 30 days from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer’s project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGE, Damon Morse.** The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at [https://go.usa.gov/xennJ](https://go.usa.gov/xennJ).

**Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 benefit 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 the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic 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 and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

This request will also be reviewed pursuant to Section 408 and USACE Engineering Circular (EC) 1165-2-220, which provides policy and procedural guidance for processing requests to alter USACE civil works projects.
The decision whether to grant permission for the requested alteration will be based on several factors. The benefits that reasonably may be expected to accrue from the proposal will be balanced against its reasonably foreseeable detriments. Review of the requests for modification will be reviewed by a USACE technical review team considering the following factors:

1) Potential to Impair the Usefulness of the Project. Proposed alterations will be reviewed to determine whether the alteration would limit the ability of the USACE project to function as authorized, or would compromise or change any authorized project conditions, purposes or outputs. If USACE determines that the usefulness of the authorized project would be impaired, the request will be denied.

2) Potential to be Injurious to the Public Interest. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. This evaluation will consider information received from the interested parties, including tribes, agencies, and the public. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest.

The U.S. Army Corps of Engineers is soliciting comments from area residents, 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 U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on communities with Environmental Justice concerns, endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Further, all factors that may be relevant to the proposal will be considered, including the potential cumulative effects associated with the proposed project. The Section 408 review will consider the potential impact to the usefulness of the Federal project and whether the proposed alteration would be injurious to the public interest. Policy and legal compliance will also be considered.
The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

The New Orleans District has determined that the work is located in waters known to be utilized by the Pallid Sturgeon (**Scaphirhynchus albus**) and concluded the activity is not likely to adversely affect this species based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of N/A acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the LA Department of Environmental Quality before a Department of the Army permit is issued.

Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program (Louisiana Coastal Zone Application P20230672). The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.
You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Brad P. LaBorde  
Chief, Eastern Evaluation Branch  
Regulatory Division

Enclosures
1. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL ENSURE ALL APPLICABLE PERMITS ARE SECURED & THE LOUISIANA ONE CALL SYSTEM HAS BEEN CONTACTED.

2. ALL ELEVATIONS REFER TO NAVD 88 UNLESS NOTED OTHERWISE.

3. THE USACE FEATURES REPRESENTED ARE BASED ON THE APPROVED JURISDICTIONAL DETERMINATION ISSUED WITH THE USACE, DATED MONTH DAY YEAR.

4. MULTIPLE DESIGNERS ARE RESPONSIBLE FOR THIS WORK, AS FOLLOWS:
   - PROPOSED IMPROVEMENTS FOR SHIP DOCK DESIGNED.
     SEE PLANS PREPARED BY LANIER & ASSOCIATES FOR DETAILS.
   - PROPOSED IMPROVEMENTS FOR THE TEMPORARY HEAVY HALL DOCK DESIGNED.
     SEE PLANS PREPARED BY MAMMOET FOR DETAILS.

ST. CHARLES PARISH
LATITUDE: 29° 57' 26" N
LONGITUDE: 90° 20' 01" W

VICINITY MAP, AREA MAP & GENERAL NOTES
SCALE IN FEET

Preliminary
for permit purposes only
MIDSTREAM COMPANY HAS SELECTED ROUTES FOR THE PIPELINES AND THESE ACTIVITIES HAVE BEEN COMPLETED THE MIDSTREAM COMPANIES, TRANSPORT CO2 FROM SCCF TO THE SEQUESTRATION FACILITY. THE

TEMPORARY HEAVY HAUL
BRIDGE. SEE SHEET 15 FOR DETAILS. PREPARED
BY MAMMOT.

MISSISSIPPI
RIVER LEVEL

TEMPORARY HEAVY HAUL
AT GRADE RAIL CROSSING. SEE SHEETS 16 FOR DETAILS

PERMANENT PLANT
ACCESS BRIDGE
RAIL CROSSING; SEE SHEETS 16 FOR DETAILS.

PROPOSED STORAGE
TANKS. SEE SHEETS 20 FOR DETAILS. PREPARED
BY LANNER & ASSOCIATES.

EXISTING SHIP DOCK
MODIFICATIONS. SEE SHEETS 21-42 FOR DETAILS. PREPARED BY LANNER & ASSOCIATES.

PROPOSED PIPELINE
P.O.E.
LAT = N29° 56' 11.29"
LONG = W90° 19' 46.69"

1,500' OFFSET OF
LEVEE CENTERLINE

MISSISSIPPI
RIVER LEVEL

REISSUE FOR PERMIT
(ORD. No. 07-7-3, & II, 7-23-07)

SEE SHEETS 37 FOR DETAILS

100' WIDE HEAVY
HAUL ROAD

100' LANDOWNER
ACCESS SERVITUDE

2,000' RESIDENTIAL
OFFSET LINE
(ORD. No. 07-7-3, & II, 7-23-07)

PROPOSED 12" VEGETABLE OIL
PIPELINE REROUTE AND 12" DIESEL
PIPELINE REROUTE TO BE PERMITTED
UNDER P20190311) PROPOSED CO2
PIPELINE BY OTHERS.

P.O.E.
LAT = N29° 57' 51.26"
LONG = W90° 20' 22.39"

EXISTING UNDERGROUND
PIPELINE (P20190311)
TO BE RELOCATED
BY OTHERS

OVERALL PLAN
SCALE IN FEET

1,500' 750' 0 1,500'

P.O.E.
LAT = N29° 57' 13.26"
LONG = W90° 20' 2.82"

PROPOSED PIPELINE.
P.O.E.

FORMATION
DETENTION
POND

EXISTING
UTILITY ROW

DETENTION
POND

2,000' RESIDENTIAL
OFFSET LINE

100' WIDE HEAVY
HAUL ROAD

100' LANDOWNER
ACCESS SERVITUDE

100' WIDE HEAVY
HAUL ROAD

100' LANDOWNER
ACCESS SERVITUDE

PERMIT DRAWING

ST. CHARLES CLEAN FUEL
ST. ROSE, LOUISIANA
ST. CHARLES PARISH

PRELIMINARY
FOR PERMIT PURPOSES ONLY

Scott M. Tabary
LA PE #40541
Duplantis Design Group, P.C.

REVIEWER
SMT
ISSUE DATE
08-14-2025

PREPARER
KMB

SCCF WILL USE A THIRD PARTY MIDSTREAM SERVICE PROVIDERS TO TRANSPORT CO2 FROM SCCF TO THE SEQUESTRATION FACILITY. THE MIDSTREAM COMPANY HAS SELECTED ROUTES FOR THE PIPELINES AND AREA IN THE PROCESS OF EXECUTING PRE-APPLICATION ACTIVITIES SUCH AS ENVIRONMENTAL SURVEYS AND RIGHT OF WAYS ACQUISITION. ONCE THESE ACTIVITIES HAVE BEEN COMPLETED THE MIDSTREAM COMPANIES, THEY WILL SUBMIT A JOINT PERMIT APPLICATION TO THE LDNR AND USACE.
LEGEND - WETLANDS

- Cypress Forested Wetlands (Impacted) 164.74 Acres
- Freshwater Forested / Shrub Wetlands (Impacted) 4.33 Acres
- Wetlands PEM (Impacted) 19.67 Acres
- Palustrine Forested Wetlands (Impacted) 4.74 Acres
- IMTT Restoration Area (Impacted) 1.25 Acres
- Other Waters 2.15 Acres

WETLAND IMPACT PLAN

SCALE IN FEET

PRELIMINARY FOR PERMIT PURPOSES ONLY

ST. CHARLES CLEAN FUEL
ST. ROSE, LOUISIANA
ST. CHARLES PARISH

SCCCF
DDG

PREPARER: KMB
REVIEWER: SMT
ISSUE DATE: 08-14-2023

PROPOSED STORAGE TANKS, SEE SHEETS 20 FOR DETAILS, PREPARED BY LANIER & ASSOCIATES.

2,000' RESIDENTIAL OFFSET LINE
(ORD. No. 07-7-3, & II, 7-23-07)

PROPOSED 12" VEGETABLE OIL PIPELINE REROUTE AND 12" DIESEL PIPELINE REROUTE TO BE PERMITTED UNDER P20190311, PROPOSED CO2 PIPELINE BY OTHERS.

EXISTING UNDERGROUND PIPELINE TO BE RELOCATED BY OTHERS. REFERENCE P20190311.

IMTT EXISTING FACILITY

PROPOSED PIPE RACK EXPANSION. SEE SHEETS 37 FOR DETAILS. PREPARED BY LANIER & ASSOCIATES.

2,000' RESIDENTIAL OFFSET LINE
(ORD. No. 07-7-3, & II, 7-23-07)

IMTT RESTORATION AREA (IMPACTED) 1.25 ACRES

EXISTING UNDERGROUND PIPELINE TO BE RELOCATED BY OTHERS. REFERENCE P20190311.

PROPOSED PIPE RACK EXPANSION. SEE SHEETS 37 FOR DETAILS. PREPARED BY LANIER & ASSOCIATES.

PROPOSED STORAGE TANKS, SEE SHEETS 20 FOR DETAILS, PREPARED BY LANIER & ASSOCIATES.

2,000' RESIDENTIAL OFFSET LINE
(ORD. No. 07-7-3, & II, 7-23-07)

PROPOSED 12" VEGETABLE OIL PIPELINE REROUTE AND 12" DIESEL PIPELINE REROUTE TO BE PERMITTED UNDER P20190311, PROPOSED CO2 PIPELINE BY OTHERS.

EXISTING UNDERGROUND PIPELINE TO BE RELOCATED BY OTHERS. REFERENCE P20190311.

IMTT EXISTING FACILITY

PROPOSED PIPE RACK EXPANSION. SEE SHEETS 37 FOR DETAILS. PREPARED BY LANIER & ASSOCIATES.

2,000' RESIDENTIAL OFFSET LINE
(ORD. No. 07-7-3, & II, 7-23-07)

PROPOSED 12" VEGETABLE OIL PIPELINE REROUTE AND 12" DIESEL PIPELINE REROUTE TO BE PERMITTED UNDER P20190311, PROPOSED CO2 PIPELINE BY OTHERS.

EXISTING UNDERGROUND PIPELINE TO BE RELOCATED BY OTHERS. REFERENCE P20190311.

IMTT EXISTING FACILITY

PROPOSED PIPE RACK EXPANSION. SEE SHEETS 37 FOR DETAILS. PREPARED BY LANIER & ASSOCIATES.

2,000' RESIDENTIAL OFFSET LINE
(ORD. No. 07-7-3, & II, 7-23-07)
PROPOSED 12" VEGETABLE OIL PIPELINE ROUTE AND 12" DIESEL PIPELINE REROUTE TO BE PERMITTED UNDER P20190311. PROPOSED CO2 PIPELINE BY OTHERS.

EXISTING UNDERGROUND PIPELINE TO BE RELOCATED BY OTHERS. REFERENCE P20190311.

LEGEND - WETLANDS

- Cypress Forested Wetlands (Impacted) - 164.74 Acres
- Freshwater Forested / Shrub Wetlands (Impacted) - 4.33 Acres
- Wetlands PEM (Impacted) - 19.67 Acres
- Palustrine Forested Wetlands (Impacted) - 4.74 Acres
- IMTT Restoration Area (Impacted) - 1.25 Acres
- Other Waters - 2.15 Acres

MATCHLINE "A" 2,000' RESIDENTIAL OFFSET LINE

LEGEND - WETLANDS IMPACT PLAN

SCALE IN FEET

PRELIMINARY FOR PERMIT PURPOSES ONLY

SCCF

DDG

ST. CHARLES CLEAN FUEL
ST. ROSE, LOUISIANA
ST. CHARLES PARISH

Scott M. Tabary
LA PE #40541
Duplanitis Design Group, P.C.

PREPARED: KMB
REVIEW: SMT
ISSUE DATE: 08-14-2023

REVISED FOR PERMIT
INSTRUCTIONS PERMIT P20190311.

SHEET NUMBER: A-8 OF A-42
FACILITY SITE
PERMIT DRAWING
EXISTING GROUND

CROSS SECTION "A - A"

HEAVY HAUL ROAD

CENTERLINE ELEV. = 6.50

ELEV. = 6.00

3:1 SIDE SLOPE

EXISTING GROUND

LEGEND

AREA TO BE FILL WITH
APPROVED MATERIAL

AREA TO BE EXCAVATED AND
MATERIAL TO BE HAULED OFF

SCALE IN FEET

HORIZONTAL

100'

50'

0

100'

10'

5'

0

10'

VERTICAL

SCALE IN FEET

PRELIMINARY
FOR PERMIT PURPOSES ONLY

Scott M. Tabary
LA PE #040541
Duplantis Design Group, P.C.
EXISTING GROUND

BOTTOM OF POND ELEV. = -2.00

PROPOSED GROUND

CROSS SECTION "B1 - B1"

DRAINAGE DITCH. ELEV. = -0.25

CL ROAD ELEV. = 6.50

PROPOSED GROUND

ROAD SIDE DITCH

1,105' x 535' PROCESS FACILITIES AREA

ELEV. = 7.50

EXISTING GROUND

CROSS SECTION "B2 - B2"

LEGEND

AREA TO BE FILL WITH APPROVED MATERIAL

AREA TO BE EXCAVATED AND MATERIAL TO BE HAULED OFF

SCALE IN FEET

HORIZONTAL

100' 50' 0 100'

VERTICAL

10' 5' 0 10'

ST. CHARLES CLEAN FUEL
ST. ROSE, LOUISIANA
ST. CHARLES PARISH

PRELIMINARY FOR PERMIT PURPOSES ONLY

Scott M. Tabary
LA PE #40541
Duplantis Design Group, P.C.

PREPARER: KMB
REVIEWER: SMT
ISSUE DATE: 08-14-2023

SHEET NUMBER: A-10 OF A-42
FACILITY SITE PERMIT DRAWING

zoom image
CROSS SECTION "B3 - B3"

1,105' x 535' PROCESS FACILITIES AREA

EXISTING GROUND
ROAD SIDE DITCH
ROAD SIDE DITCH

PROPOSED GROUND
ELEV. = 7.50

EXISTING GROUND
BOTTOM OF POND ELEV. = -2.00

CL ROAD ELEV. = 6.50

CROSS SECTION "B4 - B4"

ELEV. = 5.00

EXISTING GROUND
BOTTOM OF POND ELEV. = -2.00

LEGEND

AREA TO BE FILL WITH
APPROVED MATERIAL

AREA TO BE EXCAVATED AND
MATERIAL TO BE HAULED OFF

PRELIMINARY
FOR PERMIT PURPOSES ONLY

ST. CHARLES CLEAN FUEL
ST. ROSE, LOUISIANA
ST. CHARLES PARISH

FACILITY SITE
PERMIT DRAWING

Scott M. Tabary
LA PE #40541
Duplanitis Design Group, P.C.
EXISTING GROUND

CROSS SECTION "C3 - C3"

1,105' x 535' PROCESS FACILITIES AREA
ELEV. = 7.50
CL ROAD ELEV. = 6.50

PROPOSED DRAINAGE DITCH. ELEV. = 0.25

ROAD SIDE DITCH

CROSS SECTION "C4 - C4"

1,105' x 535' PROCESS FACILITIES AREA

FACILITY CROSS SECTION "C - C"
SHEET REMOVED FROM SET
HEAVY HAUL ROAD RAIL CROSSING

LEGEND

AREA TO BE FILL WITH APPROVED MATERIAL

AREA TO BE EXCAVATED AND MATERIAL TO BE HAULED OFF

ST. CHARLES CLEAN FUEL
ST. ROSE, LOUISIANA
ST. CHARLES PARISH

PRELIMINARY FOR PERMIT PURPOSES ONLY

Scott M. Tabary
LA PE #40541
Duplantis Design Group, P.C.
IMTT CROSS SECTION SECTION D (2 OF 2)

SCALE: 1"=80'
NEW DOCK EXTENSION PLATFORM - PLAN

SCALE: 1" = 20'

EXIST. DOCK
EXIST. CURB TO BE MODIFIED
EXIST. WALKWAY TO BE REMOVED

PROPOSED NEW PLATFORM

T.O.C. EL (+) 21.0'

USAGE PROJECT
FLOODLINE EL (+) 21.8'

LRMP EL (+) 0.8'

TP EL (-) 180.0'

PROPOSED NEW 30° STEEL PILE (TP)

EXISTING GRADE

SECTION
SCALE: 1" = 20'

IMTT
ST. ROSE, LOUISIANA
NEW LANDSIDE PIPE RACK BENT

SCALE: 3/16" = 1'-0"

EXIST. GRADE EL. VARIES (+3') TO (+12.4')

T.O.S. EL. (+) 24.0'

TIP EL. (-) 60.0'

PROPOSED NEW CABLE TRAY

PROPOSED NEW 24" STEEL PILE (TYP.)

PROPOSED NEW PIPING (TYP.)
SHIP BREASTING DOLPHIN – PLAN

SCALE: 1/16"=1'-0"

20'-0"

20'-0"

QUICK RELEASE HOOK

FENDER PANEL & ASSEMBLY

HANDRAIL

T.O.S. EL. (+)31.0'

USAGE PROJECT
FLOWLINE EL. (+)27.5'

FENDERLINE

LWRP EL. (+)0.8'

APPROX MIDLINE VARIES EL. (-)30.0' TO EL. (-)50.0'.

SHIP BREASTING DOLPHIN – ELEVATION

SCALE: 1/16"=1'-0"

38" STEEL BATTER PILE

38" STEEL BATTER PILE

N

MISSISSIPPI RIVER

LANIER & ASSOCIATES
CONSULTING ENGINEERS
INCORPORATED
LA: EF-1120
TX: F-2981
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON