

AI:1104

MAJOR MODIFICATION FORM FOR HYDROSTATIC TEST GENERAL PERMIT MSG13



INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality of plans to include additional outfall(s) or to change the location of existing outfall(s), to utilize new or different water treatment additives, or to expand the acreage or "footprint" of an existing project. This form must be submitted when any of the following activities is/are being proposed (check all that apply).

- Applicant requests additional discharge outfall(s) and/or relocation of existing outfall(s). Amend and submit Outfall Information Form included in with the previous HTNOI or last Major Modification Form, using the next available outfall number.
- Applicant requests to utilize new or different water treatment chemicals from what was proposed in the original HTNOI.
- Applicant requests to utilize as source water a different water of the State than what was originally proposed and approved by the Office of Land and Water (attach new approval).
- Applicant requests "footprint" identified in the original HTNOI to be enlarged (if modification impacts wetlands, attach Corps of Engineers' Section 404 documentation).

A modified SWPPP and updated USGS topographic map must be attached if an enlargement of the original footprint or rerouting of the original project is proposed. Additions or relocations of existing outfalls must also be located on the topographic map. This form must be signed by the current coverage recipient under Mississippi's Hydrostatic Test General Permit. A different operator must have general permit coverage transferred prior to coverage being modified. Coverage recipients are authorized to implement the proposed modifications, under the conditions of the General Permit, only upon receipt of written notification of approval by the MDEQ.

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

PROJECT INFORMATION

HYDROSTATIC TEST GENERAL PERMIT COVERAGE NUMBER: MSG13 0 5 7 9

PROJECT NAME: R.D. Morrow Repower Project

CITY: Purvis COUNTY: Lamar

ADDITIONAL ACREAGE TO BE DISTURBED: 0 TOTAL DISTURBED ACREAGE: 0

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT PERSON: Jeff Pitts

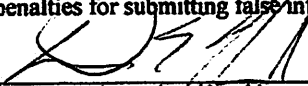
COMPANY NAME: Cooperative Energy

STREET OR P.O. BOX: P.O. Box 15849

CITY: Hattiesburg STATE: MS ZIP: 39404-5849

PHONE # (INCLUDE AREA CODE): 601-319-8659

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Signature (must be signed by coverage recipient)
 Don Hinton
 Printed Name

11/29/21
 Date
 Vice President/General Counsel
 Title

Please submit this form to: Chief, Environmental Permits Division
 MS Department of Environmental Quality, Office of Pollution Control
 P.O. Box 2261
 Jackson, Mississippi 39225

Revised: 03/15/17

m

OUTFALL INFORMATION
(To be submitted with HTNOI and Major Modification Forms)

INSTRUCTIONS:

1. For each outfall, complete the information in the table below (NOTE: Complete the last column of this form, only if it is being submitted with a Major Modification Form).
2. All outfalls must be spotted and labeled on a USGS quadrangle map.

OUTFALL NO.	LATITUDE ¹ (deg/min/sec)	LONGITUDE ¹ (deg/min/sec)	SOURCE OF FILL WATER	NEAREST RECEIVING STREAM ²				EST. TOTAL DISCHARGE (MIL GAL)	STATUS OF TANK, PIPELINE, FLOWLINE ETC.		EXPECTED TEST DATE(S) (mm/dd/yr)	INDICATE WHETHER OUTFALL IS NEW OF EXISTING	
				NAME	ON MDEQ 303(D) LIST? ³		HAS TMDL? ³		New	Used			
					Yes	No	Yes						No
001													
002	31/13/01.45N	89/23/39.30W	Demin Water ₂	Black Creek	✓			✓	0.2	Y		New	
003													
004													
005													
006													
007													
008													
009													
010													
011													
012													

Revised: 03/15/17

NOTE: To Comply with EPA's NPDES e-Reporting rule, MDEQ has implemented the use of U.S.EPA's NetDMR for the submittal of DMRs. Permittees required to submit DMRs must submit DMRs electronically using NetDMR. A training video and additional info can be found at <http://bit.ly/2gao6sW>. For additional information about NetDMR, please send an email to netdmrhelp@mdeq.ms.gov or contact Annette Brocks at 601-961-5252

¹ List the latitude and longitude of its location to the nearest 15 seconds.

² Name of the nearest named receiving stream as listed on a USGS Quad Map.

³ MDEQ's 303(d) List of Impaired Water Bodies and approved TMDLs can be found at: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section



November 29, 2021

Mississippi Department of Environmental Quality (MDEQ)
Attn: Tracy Tomkins
Water I Permitting Branch
Office of Pollution Control – Environmental Permits Division

Re: R.D. Morrow, Sr. Generating Station Combined Cycle / Repower Project Hydrostatic Test Permit Modification MSG130579

The Morrow Repower project consists of repowering the existing steam turbine at the R.D. Morrow, Sr. Generating Plant in a one-on-one combined cycle mode fired off of natural gas. The project includes the installation of a new Nooter Eriksen Heat Recovery Steam Generator (HRSG) along with its associated piping and equipment. Upon completion of the HRSG a hydrostatic test will be conducted wherein the HRSG and its associated piping and equipment will be tested for strength and leaks. This hydrostatic test will require 200,000 gallons of water.

Planned water source for filling the HRSG system is from the plant demineralized water system which will feed the permanent boiler feedwater system. The demineralized water equipment is fed from the plant well water system.

The discharge of the 200,000 gallons of hydrotest water will be run through a 100 micron filter skid. The discharge of the filter skid will be drained into the plant surface drain line where it will run into Pond 4A (NPDES Outfall 005) then enter the Cooling Tower Blowdown Pond (NPDES 002) before being discharged to the Black Creek. An upstream segment (418412) of Black Creek is on the MDEQ 303(D) list for biological impairment. A sample point will be included on the discharge side of the filter skid allowing for Cooperative Energy to take a sample of the water quality to verify it is within the allowable limits set forth in Table 1 of the MDEQ – Hydrostatic Test General Permit Form before being discharged to plant drains.

BATON ROUGE
Corporate Office
9901 Pecue Lane
Baton Rouge, LA 70810

(225) 751-4156
Fax: (225) 751-8409

www.performance-br.com

The Hydrostatic Test Notice of Intent has been prepared by Performance Contractors Inc.
for Cooperative Energy

Attachments included as part of this submittal:

- Major Modification Form For Hydrostatic Test General Permit MSG13
- Proof of Cooperative Energy Registration with the State of Mississippi
- Morrow Well Water Withdraw Permits for Wells planned for fill source
- Site Plan markups detailing the location of the outfall locations
- Attachment 5 - Explanation of Demineralizer Chemicals and Process

If you have any questions or concerns, please feel free to contact me

Regards,



Digitally signed by
Derek Peterson
Date: 2021.11.29
11:09:03 -06'00'

Derek Peterson
Project Manager
Performance Contractors, Inc.

CC:
Jeff Pittman, Cooperative Energy
Trey Cannon, Cooperative Energy
Jeff Pitts, Cooperative Energy
Craig Demmel, BMcD
Ryan Schmidt, BMcD
Jeff Winfree, BMcD
Michael Wallace, BMcD
Casey Hicks, Performance Contractors
Wallace Lambert, Performance Contractors

BATON ROUGE
Corporate Office
9901 Pecue Lane
Baton Rouge, LA 70810

(225) 751-4156
Fax: (225) 751-8409

www.performance-br.com