

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

LOG NUMBERS: 2023-68012

PERMIT NO.: 2023-EE-68012

BUREAU ID: W1198210021

FINAL PLANS, SPECIFICATIONS, APPLICATION
AND SUPPORTING DOCUMENTS

DATE ISSUED: April 4, 2023

PREPARED BY: AECOM

SUBJECT: SHELL OIL PRODUCTS US – Construction and Operation of Steam Enhanced Extraction Pretreatment System – Village of Roxana Wastewater Treatment Plant

PERMITTEE TO CONSTRUCT AND OPERATE

Shell Oil Products US
128 E. Center St.
Nazareth, PA 18064

Permit is hereby granted to the above designated permittee(s) to construct and/or operate water pollution control facilities described as follows:

The construction of a new pretreatment system located approximately at 143 East 8th Street in Roxana consisting of a 50 GPM oil/water separator, a 50 GPM air stripper, three pairs of bag filters with each side capable of pretreating 50 GPM, two 2,000 lb liquid phase activated carbon vessels, and all of the necessary pipes, pumps, and appurtenances to treat 57,600 GPD DAF and 72,000 GPD DMF of steam enhanced soil extraction wastewater with a discharge to the Village of Roxana Wastewater Treatment Plant via an existing onsite sewer.

The operational portion of this permit expires on February 28, 2028.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

SPECIAL CONDITION 1: The Permittee to Construct shall be responsible for obtaining an NPDES Storm Water Permit prior to initiating construction if the construction activities associated with this project will result in the disturbance of one (1) or more acres total land area.

An NPDES Storm Water Permit may be obtained by submitting a properly completed Notice of Intent (NOI) form by certified mail to the Agency's Division of Water Pollution Control - Permit Section."

SPECIAL CONDITION 2: Issuance of this permit does not release the Permittees from any liability for prior violations of the Act or Rules and Regulations promulgated thereunder.

SPECIAL CONDITION 3: All sludges generated on site shall be disposed of at a site and in a manner acceptable to the Agency.

SPECIAL CONDITION 4: The operation of the pretreatment facilities must be under the direct and active field supervision of a certified industrial treatment plant operator in accordance with the State of Illinois Rules and Regulations, Title 35, Subtitle C, Chapter 1, Part 312.

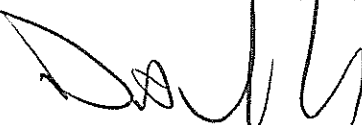
SPECIAL CONDITION 5: The issuance of this permit does not relieve the permittee of the responsibility of complying with

THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

DEL:MEL:2023-68035.docx

DIVISION OF WATER POLLUTION CONTROL

cc: EPA-Des Plaines FOS
AECOM
Records - Industrial
Binds


Darin E. LeCrone, P.E.
Manager, Permit Section

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any limitations and provisions imposed by Village of Roxana.

SPECIAL CONDITION 6: The issuance of this permit does not relieve the permittee of the responsibility of complying with 35 Ill. Adm. Code, Part 307 and/or the General Pretreatment Regulations (40 CFR 403) and any guidelines developed pursuant to Section 301, 306, or 307 of the Federal Clean Water Act of 1977.

SPECIAL CONDITION 7: The constituents in the treated groundwater shall be below the concentrations in the following table prior to being hauled offsite:

Constituent	Reporting Limit (mg/l)
Benzene	0.002

SPECIAL CONDITION 8: Monitoring Requirements:

(A) The permittee shall monitor treated wastewater prior to the discharge to the Roxana POTW on a monthly basis.

(B) A summary indicating the date of sampling and the constituent concentration shall be submitted to the following addresses on a monthly basis:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Illinois Environmental Protection Agency
Collinsville FOS
2009 Mall Street
Collinsville, Illinois 62234

All Correspondance shall reference the permit number.