
New York State Department of Environmental Conservation Notice of Complete Application

Date: 10/30/2024

Applicant: EXXONMOBIL OIL CORPORATION
3225 GALLOWS RD
FAIRFAX, VA 22037

Facility: EXXONMOBIL GREENPOINT REMEDIATION PROJECT
400, 410 KINGSLAND AVE
BROOKLYN, NY 11222

Application ID: 2-6101-00107/00026

Permits(s) Applied for: 1 - Article 15 Title 15 Long Island Well
1 - Article 17 Titles 7 & 8 Industrial SPDES - Surface Discharge

Project is located: in KINGS COUNTY

Project Description:

The Department has prepared a draft SPDES permit and has made a tentative determination, subject to public comment or other information, to approve a renewal and modification to the State Pollutant Discharge Elimination System (SPDES) permit (NY0267724) and Long Island Well permit for the ExxonMobil Greenpoint Remediation Project (EMGRP).

As part of the ongoing EMGRP, ExxonMobil currently operates two product recovery and groundwater treatment systems: (1) the On-Site Recovery and Containment System treatment facility located at 400 Kingsland Avenue (also known as: the Former Brooklyn Terminal Free-Product Recovery and Containment System (RCS) facility) and (2) the Off-Site Free-Product Recovery System (ORS) treatment facility located at 5 Bridgewater Street. The facility is currently permitted to discharge treated groundwater extracted from recovery wells and stormwater to Newtown Creek (Class SD) via existing outfalls (Outfall 001 (via Outfall 01A) or Outfall 002).

The applicant proposes to consolidate the two existing product recovery and groundwater treatment systems into one, new groundwater treatment system at 38 Varick Street that will replace the RCS and ORS facilities and treat the combined flow from all recovery wells prior to discharging to Newtown Creek via a single outfall (existing Outfall 002 only). In addition, the applicant proposes to modify the Long Island Well permit to reflect the current operational status of the existing EMGP recovery well network and planned changes to relocate specific recovery wells (i.e., RW16 and RW 29).

The new treatment system will continue to provide remedial treatment and will include: oil/water separation; aeration; influent flow equalization and primary settling; sand filtration; backwash treatment to settle and remove solids from the filtration step; scale/deposit control via chemical injection; air stripping; effluent flow equalization; process air treatment by catalytic oxidation via the existing Flame-Ox unit and/or vapor phase activated carbon; and auxiliary tanks to store and process site remediation water. The draft SPDES permit reflects the removal of Outfall 01A and Outfall 001 and associated monitoring requirements following construction.

In addition to renewing and modifying the SPDES permit, a full technical review has been undertaken. Among other requirements detailed within the draft SPDES permit and fact sheet, the following is a summary of the proposed changes in the draft permit as compared to the currently effective permit: updated the Permits Limits, Levels and Monitoring tables for Outfalls 001, 01A, and 002 to reflect effluent limits during construction; added a new Permits Limits, Levels and Monitoring table for Outfall 002 with effluent limits effective post construction; added Stormwater Pollution Prevention Requirements; updated Best Management Practices (BMPs) for Industrial Facilities section; added Mercury Minimization Plant (MMP) Type IV requirements; updated Discharge Notification Requirements section; added Schedule of Compliance; updated Monitoring Locations diagram and process flow diagram; added schedule of additional submittals that includes requirement for emerging contaminant monitoring. Proposed post-construction changes to parameters for Outfall 002 include: updated daily maximum limits for flow (0.62 MGD to 1.3 MGD), copper, MTBE, benzene, toluene, and trichloroethylene; removed effluent and ambient turbidity monitoring; removed limits for total xylenes; updated monthly average limit for tetrachloroethylene (from monitor only to 5 µg/L); added of monthly average limit of monitor only and daily maximum limit for ortho-xylene (5 µg/L) and meta- & para-xylenes (10 µg/L); reduced WET action level from 1.8 TUa to 1.5 TUa for acute and added WET action level of 5.0 TUc for chronic.

As a result of the EBPS full technical review, a new five-year term is proposed. The draft SPDES permit with fact sheet is available online at <https://dec.ny.gov/fs/projects/draftpermits>. The draft permit files are contained within regional folders and named by the SPDES number contained in this notice.

Requests for a legislative (public statement) hearing must be sent in writing to the DEC contact person below by the comment deadline. The Department assesses such requests pursuant to 6 NYCRR Section 621.8. Refer to this application by the application number listed above and SPDES Number NY0267724.

Availability of Application Documents:

Filed application documents, and Department draft permits where applicable, are available for inspection during normal business hours at the address of the contact person. To ensure timely service at the time of inspection, it is recommended that an appointment be made with the contact person.

State Environmental Quality Review (SEQR) Determination

Project is not subject to SEQR because it is a Type II action.

SEQR Lead Agency

None Designated

State Historic Preservation Act (SHPA) Determination

The proposed activity is not subject to review in accordance with SHPA. The application type is exempt and/or the project involves the continuation of an existing operational activity.

Coastal Management

This project is located in a Coastal Management area and is subject to the Waterfront Revitalization and Coastal Resources Act.

DEC Commissioner Policy 29, Environmental Justice and Permitting (CP-29)

The proposed action is subject to CP-29.

Availability For Public Comment

Comments on this project must be submitted in writing to the Contact Person no later than 12/06/2024 or 30 days after the publication date of this notice, whichever is later.

Contact Person

CAITLYN P NICHOLS
NYSDEC
47-40 21st St
Long Island City, NY 11101-5401
(718) 482-4997
comment.r2dep@dec.ny.gov
