



Vermont Department of Environmental Conservation

EC7 Facilities Engineering Division

1 National Life Drive
Main Building, 2nd Floor
Montpelier, VT 05620-3510

Agency of Natural Resources

Megan Moir, Assistant Department of Public Works Director
Authorized Representative
City of Burlington
234 Penny Lane
Burlington, VT 05401

**Re: City of Burlington, Disinfection Upgrade Project
Vermont/ USEPA Clean Water Revolving Loan Number RF1-246**

Categorical Exclusion from Detailed Environmental Review

Dear Megan Moir:

The Department of Environmental Conservation has determined that the City's proposed Disinfection Upgrade Project may be excluded from detailed environmental review. The Department's (Clean Water) environmental review procedures require a 30-day public comment period following the issuance of a Notice of Determination of Eligibility for Categorical Exclusion. If neither the City nor the Department receives adverse comments, then the Categorical Exclusion becomes effective.

Copies of documents supporting a Categorical Exclusion are enclosed. Please keep copies of the enclosed documents available for public inspection during a public comment period of 30 days. A full listing of the documents that must be available for public inspection is attached. Please call 802-522-2192 if you have any questions or concerns.

If you have any questions, please do not hesitate to send an email to Robert.Pelosi@vermont.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric Blatt".

Eric Blatt, P.E.
Director
Facilities Engineering Division

Documents Enclosed for Categorical Exclusion Public Comment Period (30 days)

1. *"Notice of Determination of Eligibility for Categorical Exclusion"*
(Signed by Eric Blatt, PE, Director, Facilities Engineering Division.)
2. *"Evaluation of Eligibility for Categorical Exclusion"*
(Approved by Eric Blatt, PE, Director, Facilities Engineering Division.)

Additional Documents Needed for Categorical Exclusion Public Comment Period (30 days)

1. **"Environmental Review Procedures for Projects Funded Through the Vermont/EPA Revolving Loan Program"**, <https://anrweb.vt.gov/DEC/IronPIG/DownloadFile.aspx?DID=129684&DVID=0>
2. **Preliminary Engineering Report** (PER) titled, *"Preliminary Engineering Report, Burlington Vermont Wastewater Treatment Plants, Capital Improvement Plan 2018, SCADA/PLC & Disinfection Upgrade Projects,"* dated June 28, 2019, and prepared by Mike Schramm, PE of the City of Burlington, Vermont.
3. **Engineering Report** titled, *"Memorandum (224737), RE: Main, East, and North Plant Disinfection Inspection Summary,"* dated August 17, 2018, and prepared by Charles Goodling, PE from Dubois & King, Inc. of Randolph, Vermont.
4. **Environmental Information Document** (EID) titled, *"Environmental Report, Burlington Wastewater Treatment Plants (WWTPs), RF1-249-3.0, RF1-246-2.0,"* dated June 25, 2019, and prepared by Mike Schramm, PE, of the City of Burlington, Vermont.
5. **Project Review Sheet** dated June 3, 2019.

COPY LIST

Mike Schramm, PE, City of Burlington

Chip Gianfagna & David DiDomenico, Wastewater Management Program, Watershed Management Division

Tom Brown, CWSRF Program Lead, Financial Management Section, VT-DEC-FED

Scott Dillon, Survey Archaeologist, Vermont Division for Historic Preservation, VT-ACCD

Notice of Determination of Eligibility for Categorical Exclusion

City of Burlington

City of Burlington, Disinfection Upgrade Project

Vermont/ USEPA Clean Water Revolving Fund Loan Number RF1-246

In accordance with section VII of the Department's *"Environmental Review Procedures for Projects Funded Through the Vermont/EPA Revolving Loan Program,"* the City of Burlington has requested that its proposed Disinfection Upgrade Project receive Categorical Exclusion from detailed environmental review.

Consideration of the request for Categorical Exclusion has included review of the following documents:

- **Preliminary Engineering Report (PER)** titled, *"Preliminary Engineering Report, Burlington Vermont Wastewater Treatment Plants, Capital Improvement Plan 2018, SCADA/PLC & Disinfection Upgrade Projects,"* dated June 28, 2019, and prepared by Mike Schramm, PE of the City of Burlington, Vermont.
- **Engineering Report** titled, *"Memorandum (224737), RE: Main, East, and North Plant Disinfection Inspection Summary,"* dated August 17, 2018, and prepared by Charles Goodling, PE from Dubois & King, Inc. of Randolph, Vermont.
- **Environmental Information Document (EID)** titled, *"Environmental Report, Burlington Wastewater Treatment Plants (WWTPs), RF1-249-3.0, RF1-246-2.0,"* dated June 25, 2019, and prepared by Mike Schramm, PE, of the City of Burlington, Vermont.
- **Project Review Sheet** dated June 3, 2019.

Upon completion of its independent evaluation, the Department has determined that the proposed project meets the criteria for issuance of a Categorical Exclusion.

Specifically, the project includes minor rehabilitation of existing facilities and functional replacement of equipment (which does not affect the degree of treatment or capacity of the existing facility by more than 20%) at the City of Burlington -- Main, North, and East Wastewater Treatment Facilities. Further, the project does not create a new permanent discharge of stormwater or treated wastewater to surface waters or groundwater. Finally, the project does not involve (create) serious local or environmental issues or meet any of the criteria that would result in denial of an Exclusion.

Further information on the project and this Determination is available for inspection at the following locations:

Megan Moir, Assistant Department of Public Works Director
City of Burlington
234 Penny Lane
Burlington, VT 05401

tel. 802-863-4501

Robert Pelosi, E.I.
Vermont Department of Environmental Conservation
Facilities Engineering Division
1 National Life Drive, Main 2
Montpelier, VT 05620-3510

tel. 802-522-2192

(Note: National Life requires photo identification to obtain an access badge for entry.)

No significant administrative action will be taken on this project for thirty (30) days from issuance of this Notice of Determination, to allow for public response.



Eric Blatt, P.E., Director
Facilities Engineering Division

July 22, 2019

Date

Department of Environmental Conservation
Vermont Agency of Natural Resources



Vermont Department of Environmental Conservation

EC7 Facilities Engineering Division

1 National Life Drive
Main Building, 2ND Floor
Montpelier, VT 05620-3510

Agency of Natural Resources

TO: Eric Blatt, P.E., Director, Facilities Engineering Division 

FROM: Robert Pelosi, E.I. 
Design Engineer, Facilities Engineering Division

SUBJECT: City of Burlington
Disinfection Upgrade Project

Evaluation of Eligibility for Categorical Exclusion
from Detailed Environmental Review

DATE: July 10, 2019

A. Project Identification

Project Name: Disinfection Upgrade Project -- City of Burlington's Main, North, and East Wastewater Treatment Facilities

Address: Megan Moir, Assistant Department of Public Works Director
Authorized Representative
City of Burlington
234 Penny Lane
Burlington, VT 05401

Project Location: The City is proposing disinfection upgrades at three wastewater treatment facilities.
The facilities are located as follows:

Burlington Main Wastewater Treatment Facility
53 LaValley Lane
Burlington, Vermont

City of Burlington, Vermont
Disinfection Upgrade Project«PROJECTNAME»
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Burlington North Wastewater Treatment Facility
North Avenue
Burlington, Vermont

Burlington Riverside (East) Wastewater Treatment Facility
Riverside Avenue
Burlington, Vermont

Vermont/ USEPA Clean Water Revolving Loan Number RF1-246

B. Summary of Environmental Review

In accordance with section VII of the Department's *"Environmental Review Procedures for Projects Funded Through the Vermont/EPA Revolving Loan Program,"* the City of Burlington has requested that the proposed Disinfection Upgrade Project receive Categorical Exclusion from detailed environmental review.

The following planning documents have been reviewed:

- **Preliminary Engineering Report (PER)** titled, *"Preliminary Engineering Report, Burlington Vermont Wastewater Treatment Plants, Capital Improvement Plan 2018, SCADA/PLC & Disinfection Upgrade Projects,"* dated June 28, 2019, and prepared by Mike Schramm, PE of the City of Burlington, Vermont.
- **Engineering Report** titled, *"Memorandum (224737), RE: Main, East, and North Plant Disinfection Inspection Summary,"* dated August 17, 2018, and prepared by Charles Goodling, PE from Dubois & King, Inc. of Randolph, Vermont.
- **Environmental Information Document (EID)** titled, *"Environmental Report, Burlington Wastewater Treatment Plants (WWTPs), RF1-249-3.0, RF1-246-2.0,"* dated June 25, 2019, and prepared by Mike Schramm, PE, of the City of Burlington, Vermont.
- **Project Review Sheet** dated June 3, 2019.

Our findings are summarized below:

1. Project Description

The City of Burlington is located in Chittenden County, Vermont.

The City is proposing to replace disinfection system equipment (pumps, drives, valves, feed lines, etc.) at the Main, North and East Wastewater Treatment Facilities. The new systems are intended to provide redundancy, automatic, fail-safe transfer, and monitoring to ensure chemical application. Further, the improvements allow variable chemical dosing to provide operational flexibility.

City of Burlington, Vermont

Disinfection Upgrade Project«PROJECTNAME»

Evaluation of Eligibility for Categorical Exclusion from Detailed Environmental Review

«LETTERDATE»

The installations are predominantly confined to the interior of existing buildings. Where required, excavation is to occur in previously disturbed areas within the facility boundaries.

Eligibility for clean water revolving loan (**CWSRF**) construction funding will be limited to the eligible clean water work as detailed in the Preliminary Engineering Report and to physical areas cleared through this environmental review process.

2. Justification for Categorical Exclusion

The Facilities Engineering Division has determined that the proposed project meets the criteria for issuance of a Categorical Exclusion.

Specifically, the project includes minor rehabilitation of existing facilities and functional replacement of equipment (which does not affect the degree of treatment or capacity of the existing facility by more than 20%) at the City of Burlington's Main, North, and East Wastewater Treatment Facilities. Further, the project does not create a new permanent discharge of stormwater or treated wastewater to surface waters or groundwater.

Concerning other cultural or natural resources, the project is not expected to adversely affect wetlands, wetlands buffer zones, floodplains, historic sites, archeological sites, habitats of threatened or endangered species, or other environmentally or culturally sensitive areas.

Finally, the project does not involve serious local or environmental issues or meet any of the criteria that would result in denial of a Categorical Exclusion.