



State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

Facilities Engineering Division
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103 South Main Street
Waterbury, VT 05671-0511

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Notice of Determination of Eligibility for Categorical Exclusion

Village of Johnson, Vermont

Power House Bridge, School Street, Sewer Replacement Project

Vermont/ USEPA **ARRA** Clean Water Revolving Loan Number: **AR1-011**

In accordance with section VII of the Department's Environmental Review Procedures for Projects Funded Through the Vermont/ EPA Revolving Loan Program, the Village of Johnson, Vermont, has requested that its proposed **Power House Bridge, School Street, Sewer Replacement** project be evaluated for eligibility for a Categorical Exclusion from the detailed environmental review that is described in the Procedures and required for projects with significant environmental effects.

The proposed project will replace the existing sanitary sewer that spans the Gihon River beneath the Power House covered bridge on School Street. The existing cast iron pipe is very corroded and is supported by a corroded structural steel beam that is, in turn, supported by the concrete bridge abutments. The replacement sewer pipe will be ductile iron and insulated, and will be supported by hangers attached to structural steel beams beneath the wooden bridge deck.

Consideration of **Johnson's** request for Categorical Exclusion included a review of the following documents:

Environmental information document titled "*Environmental Information and Documentation, Village of Johnson, Power House Bridge Sewer Replacement*", and dated **June 2009**, by **Otter Creek Engineering, Inc.**, of East Middlebury, Vermont.

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 will not increase the annual average flow (hydraulic) capacity of the existing wastewater treatment facility by more than 20 percent, and it will not increase the organic (equivalent population) capacity by more than 30 percent. The project will not add a new discharge of treated wastewater to surface waters or groundwater, and it will not increase permitted pounds of pollutants discharged to the **Gihon River**.



**Village of Johnson, Vermont
Power House Bridge, School Street, Sewer Replacement Project
Notice of Determination of Eligibility for Categorical Exclusion
May 7, 2009**

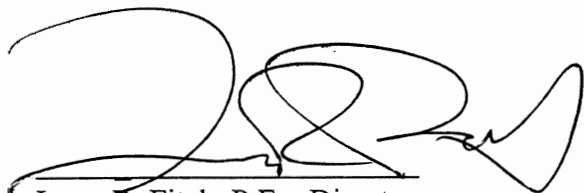
Further, the project does not involve (create) serious local or environmental issues, or meet any of the criteria that would result in denial of an Exclusion.

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

Village of Johnson, Administrator's Office
PO Box 383, Lower Main West, Johnson, VT 05656-0383
Telephone: **(802) 635-2611**

Vermont Department of Environmental Conservation, Facilities Engineering Division
Laundry Building, 103 South Main Street, Waterbury, VT 05671-0511
Telephone: **(802) 241-3740**

Otter Creek Engineering, Inc
PO Box 712, 404 East Main Street, East Middlebury, VT 05740-0712
Telephone: **(802) 382-8522**



Larry R. Fitch, P.E., Director
Facilities Engineering Division

May 7, 2009
(Date)

Department of Environmental Conservation
Vermont Agency of Natural Resources



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Facilities Engineering Division
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TO: Larry Fitch, Director, Facilities Engineering Division *Concur JF 5/7/09*

FROM: *TJS* Tom Joslin, Environmental Engineer, Design Section, Facilities Engineering Division

SUBJECT: **Village of Johnson**
Power House Bridge, School Street, Sewer Replacement

Evaluation of Eligibility for Categorical Exclusion
from Detailed Environmental Review

DATE: May 7, 2009

A. Project Identification

Project Name: Village of Johnson, Vermont
Power House Bridge, School Street, Sewer Replacement

Address: Duncan Hastings, Administrator
Village of Johnson
PO Box 383
Johnson, VT 05656-0383

Project Location: Power House Bridge, School Street
Johnson, Vermont

Vermont/ USEPA **ARRA** Clean Water Revolving Loan Number: **AR1-011**



Village of Johnson, Vermont
Power House Bridge, School Street, Sewer Replacement Project
Evaluation of Eligibility for Categorical Exclusion from Detailed Environmental Review
May 7, 2009

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 **Village of Johnson**, Vermont, has requested that its proposed **Power House Bridge, School Street, Sewer Replacement** project be evaluated for eligibility for a Categorical Exclusion from the detailed environmental review that is described in the Procedures and required for projects with significant environmental effects.

The applicant's request, along with the following planning documents, have been reviewed, and our findings are summarized below:

Environmental information document titled "*Environmental Information and Documentation, Village of Johnson, Power House Bridge Sewer Replacement*", and dated **June 2009**, by **Otter Creek Engineering, Inc.**, of East Middlebury, Vermont.

1. Project Description

The Village of Johnson is located in **Lamoille** County, Vermont. The proposed project will replace the existing sanitary sewer that spans the Gihon River beneath the Power House covered bridge on School Street. The existing cast iron pipe is very corroded and is supported by a corroded structural steel beam that is, in turn, supported by the concrete bridge abutments. The replacement sewer pipe will be ductile iron and insulated, and will be supported by hangers attached to structural steel beams beneath the wooden bridge deck.

The project will be implemented under a single construction contract. The contract documents will contain standard requirements to limit hours of construction and to control noise, dust and discharges of pollutants during construction.

Village of Johnson, Vermont
Power House Bridge, School Street, Sewer Replacement Project
Evaluation of Eligibility for Categorical Exclusion from Detailed Environmental Review
May 7, 2009

2. Justification for Categorical Exclusion

We have determined that the proposed project meets the criteria for issuance of a Categorical Exclusion.

The project will not increase the **design hydraulic** capacity of the **Johnson** wastewater treatment plant by more than 20 percent, and it will not increase the design **organic** treatment capacity (**equivalent population** served) by more than 30 percent.

The project will **not** create a **new discharge** to surface waters or groundwater, and there will be **no increase** of permitted effluent **pollutant loadings** (pounds per day).

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.

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.