



State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

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

FAX (802) 244-4516

E-Mail Address: tom.joslin@state.vt.us
Direct Telephone (voice mail): (802) 241-3740

Steffanie Bourque, Town Administrator
Authorized Representative
Town of Proctor
45 Main Street
Proctor, Vermont 05765

June 22, 2009

Re: Sewer System Rehabilitation Project
Vermont/ USEPA ARRA Clean Water Revolving Loan Number: AR1-054

Categorical Exclusion from Detailed Environmental Review

Dear Ms Bourque:

The Department of Environmental Conservation has determined that the Town's proposed Sewer System Rehabilitation project may be excluded from the detailed environmental review procedures that are required for projects that have significant environmental effects. The Department's environmental review procedures require a **30 day public comment period** following the issuance of a Notice of Determination of Eligibility for Categorical Exclusion. If no public comments received during that period demonstrate that this Determination is in error, then the Categorical Exclusion exempting the project from detailed review will become effective.

Copies of documents supporting a Categorical Exclusion are enclosed. Please keep copies of the **enclosed documents**, along with any pertinent reports by your consulting engineer, **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 (241-3740) if you have any questions or concerns.

Sincerely,

Thomas G. Joslin, P.E.
Environmental Engineer
Design Section

TGJ/tgj

Enclosures



Steffanie Bourque, Town Administrator, Authorized Representative, Town of Proctor, Vermont
Sewer System Rehabilitation Project
Categorical Exclusion from Detailed Environmental Review
June 22, 2009

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

1. **Notice of Determination of Eligibility for Categorical Exclusion**
(Signed by Larry R. Fitch, P.E., Director, Facilities Engineering Division.)
2. **Evaluation of Eligibility for Categorical Exclusion**
(Approved by Larry R. Fitch, P.E., Director, Facilities Engineering Division.)
3. **Environmental Review Procedures for Projects Funded Through the Vermont/ EPA Revolving Loan Program**
4. **Environmental information document** titled "*Town of Proctor, Vermont; Sewer System Rehabilitation*", and dated June 2009, by Forcier Aldrich & Associates, Inc, of Essex Junction, Vermont.
5. **Project site plan**, construction contract Drawing No. **C2**, titled "*Town of Proctor; Proctor, Vermont; Sewerline and Manhole Rehabilitation Plan, Sewer System Rehabilitation Contract No. 2*", and dated July 2009, by Forcier Aldrich & Associates, Inc.

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

No additional documents required.

COPY LIST

Matthew Probasco, Environmental Analyst, Stormwater Section (Construction Sites), VT-DEC, Water Quality Division

Everett Marshall, Information Manager, Nongame and Natural Heritage Program, VT Dept of Fish & Wildlife

Mic Metz, District Wetlands Ecologist, Wetlands Section, VT-DEC, Water Quality Division, Rutland Regional Office

Chuck Schwer, Chief, Site Management Section, VT-DEC, Waste Management Division

Scott Dillon, Archeologist, Division for Historic Preservation, VT Dept of Housing and Community Affairs



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Waterbury, VT 05671-0511

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Notice of Determination of Eligibility for Categorical Exclusion

**Town of Proctor, Vermont
Sewer System Rehabilitation Project**

Vermont/ USEPA ARRA Clean Water Revolving Loan Number: **AR1-054**

In accordance with section VII of the Department's Environmental Review Procedures for Projects Funded Through the Vermont/ EPA Revolving Loan Program, the **Town of Proctor** has requested that its proposed **Sewer System Rehabilitation** 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 use trenchless technology to rehabilitate gravity sewers and manholes within the portion of the Proctor sewer system that is tributary to the Main Street (or Park) pump station.

Consideration of the **Town of Proctor** request for Categorical Exclusion included a review of the following document:

Environmental information document titled "*Town of Proctor, Vermont; Sewer System Rehabilitation*"; and dated June 2009, by Forcier Aldrich & Associates, Inc, of Essex Junction, 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 hydraulic (flow) or organic treatment capacity of the Proctor wastewater treatment plant. 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.



Town of Proctor, Vermont
Sewer System Rehabilitation Project
Notice of Determination of Eligibility for Categorical Exclusion from Detailed Environmental Review
June 22, 2009

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

Steffanie Bourque, Town Administrator
Town of Proctor
45 Main Street
Proctor, Vermont 05765

voicemail (802) 459-3333x13
slbourque@comcast.net

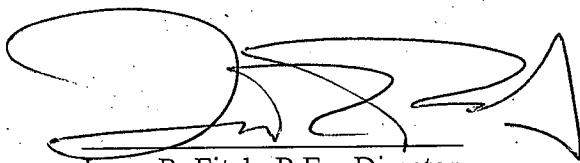
Tom Joslin, P.E.
Vermont Department of Environmental Conservation
Facilities Engineering Division
Laundry Building, 103 South Main Street
Waterbury, VT 05671-0511

voicemail (802) 241-3740
tom.joslin@state.vt.us

Wayne Elliott, P.E.
Forcier Aldrich & Associates, Inc
6 Market Place, Suite 2
Essex Junction, Vermont 05452

voicemail (802) 879-7733
welliott@forcieraldrich.com

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.



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

Department of Environmental Conservation
Vermont Agency of Natural Resources

June 23, 2009
Date



State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

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

FAX (802) 244-4516

E-Mail: tom.joslin@state.vt.us
Direct Telephone (voice mail): (802) 241-3740

TO: Larry Fitch, Director, Facilities Engineering Division *Concur 6/23/09*

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

SUBJECT: **Town of Proctor
Sewer System Rehabilitation Project**

**Evaluation of Eligibility for Categorical Exclusion
from Detailed Environmental Review**

DATE: June 22, 2009

A. Project Identification

Project Name: **Town of Proctor
Sewer System Rehabilitation Project**

Address: Steffanie Bourque, Town Administrator
Town of Proctor
45 Main Street
Proctor, Vermont 05765

Project Location: Proctor, Vermont
Multiple gravity sewer locations: Main Street, North Street
and cross-country above Styles Meadow pump station

Vermont/ USEPA ARRA Clean Water Revolving Loan Number: **AR1-054**



Town of Proctor, Vermont
Sewer System Rehabilitation Project
Evaluation of Eligibility for Categorical Exclusion from Detailed Environmental Review
June 22, 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 **Town of Proctor** has requested that its proposed **Sewer System Rehabilitation** 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 document, have been reviewed, and our findings are summarized below:

Environmental information document titled "*Town of Proctor, Vermont; Sewer System Rehabilitation*", and dated June 2009, by Forcier Aldrich & Associates, Inc, of Essex Junction, Vermont.

1. Project Description

The Town of Proctor is located in **Rutland** County, Vermont. The proposed project includes the following sanitary sewer system rehabilitation elements, all located within the portion of the Proctor sewer system that is tributary to the Main Street (or Park) pump station:

- Cured-in-place lining of about 1,230 feet of existing sanitary sewers.
- Cementitious lining of six (6) existing sanitary sewer manholes.
- Testing and sealing of about 520 feet of existing sanitary sewers.

The contract documents will contain standard requirements to limit hours of construction and to control noise, dust and discharges of pollutants during construction.

Town of Proctor, Vermont
Sewer System Rehabilitation Project
Evaluation of Eligibility for Categorical Exclusion from Detailed Environmental Review
June 22, 2009

2. Justification for Categorical Exclusion

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

The project is expected to reduce the amount of groundwater entering the Proctor sanitary sewer system, thereby reducing the electrical power consumption of the Main Street pump station and the wastewater treatment plant.

The project will not increase the hydraulic (flow) or organic treatment capacity of the Proctor wastewater plant, or the flow capacity of any pump station or sewer line.

The project is not expected to adversely affect wetlands, wetlands buffer zones, floodplains, historic sites, archeological sites; habitats of rare, 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.

**TOWN OF PROCTOR, VERMONT
SEWER SYSTEM REHABILITATION**

ENVIRONMENTAL INFORMATION DOCUMENT

June 2009

A. PROJECT IDENTIFICATION

Project Name: Town of Proctor, Vermont
Sewer System Rehabilitation

Contact and Address: ~~ff~~ Stephanie Bourque, Authorized Representative
Town of Proctor
45 Main Street
Proctor, VT 05765

Project Location: North Street, Main Street & Styles Meadow Cross Country
Proctor, Vermont

B. SUMMARY OF ENVIRONMENTAL REVIEW

The Town of Proctor Sewer System Rehabilitation has been reviewed, and in accordance with State/Federal regulations, the findings of our environmental review are summarized below.

1. Project Description

- a. The proposed project is located in the Town of Proctor, Rutland County, Vermont. The project areas are the gravity sewers located on North Street, Main Street and cross country above the Styles Meadow Pump Station. Refer to the attached Location Plans.
- b. The proposed project consists of the rehabilitation of existing gravity sewerlines and manholes. A brief description of the project is provided as follows:
 - 1,230 l.f. of 8" Cure-in-Place Pipe Lining.
 - Manhole Cementitious Lining of six (6) existing manholes.
 - Testing and sealing 520 L.F. of existing gravity sewer.
- c. The upgrade project is anticipated to be constructed under one (1) contract for a duration of about two (2) months. Construction is scheduled to begin in September 2009.
- d. The capacity of the existing sewerlines are adequate to meet the current conditions. The project does not include any capacity increase.
- e. The Town of Proctor will continue to own, and operate the upgraded facilities.

2. Purpose and Need

- a. A high groundwater condition exists throughout the Town of Proctor.
- b. The Park Pump Station has had a history of overflows in the past that occurred in the springtime and lasted for several days indicating high groundwater a responsible.
- c. The Park Pump Station was upgraded in 2008 with larger pumps and forcemain to handle increased flow.
- d. A Inflow/Infiltration Study and manhole inspection was performed in the fall of 2008 and spring of 2009 which determined areas of high I/I exist within the sewerlines on North Street, Main Street and above the Styles Meadow Pump Station.
- e. A Phase II Sewer Study was performed in the Spring of 2009 including TV inspection which identified specific deficiencies in the sewerlines.
- f. Removal of I/I from the sewer system will help to reduce the flows to the Park Pump Station and Wastewater Treatment Facility to reduce operating costs.
- g. The Town passed a bond vote on March 4, 2008, in the amount of \$880,000 for abatement of the Park Pump Station CSO. The Town committed approximately \$590,182 for the Pump Station upgrade project. Therefore, the Town has approximately \$289,818 in uncommitted funds that can be used for this project.

3. Discussion of Alternatives

This is a refurbishment project so alternatives were not evaluated.

4. Impact of Proposed Project on the Environment

a. Direct Impacts

i. Air Quality

During construction, noise and dust will be generated by construction equipment. Mufflers and other noise reduction devices will be utilized to minimize noise levels on construction equipment. The project will limit the work hours of construction to regular working hours. Dust should not be an issue as there is no excavation involved.

ii. Water Quality and Quantity

There will be no significant change in the handling of surface runoff or the amount of runoff by this project. There is no earth disturbance, so a Stormwater Permit to Construct is not required. The contractor will be required to by-pass pump to maintain the existing sewer flow.

iii. Environmentally Sensitive Areas

Floodplains and Wetlands: All of the work is limited to within existing pipelines and structures with no earth disturbances. Therefore, floodplains and wetlands are not impacted.

Prime Agricultural Land: All of the work is limited to within existing pipelines and structures with no earth disturbances, so the upgrades will not impact agricultural lands.

Wildlife Habitat: All of the work is limited to within existing pipelines and structures with no earth disturbances and does not impact any wildlife habitat.

Stream Modification: No stream modifications will be performed for this project.

iv. Socio-Economic Impacts

The projected construction cost of the sewer rehabilitation project is \$60,000. The total project cost has been estimated at \$110,000 and is eligible for State loans. The Town plans to utilize ARRA, federal stimulus funds, in the amount of \$110,000 to fund the project. The Town has approximately \$289,818 in uncommitted funds from the bond authorization.

v. Historical/Archaeological Sites

All of the work is limited to within existing pipelines and structures with no earth disturbances and will not impact historical/archaeological sites.

vi. Endangered Species

All of the work is limited to within existing pipelines and structures with no earth disturbances and will not impact endangered species.

vii. Coastal Zone Management

Not applicable.

viii. Wild and Scenic Rivers

Not applicable

5. Mitigation of Environmental Impacts

There are no significant, long-term, adverse impacts anticipated as a result of construction of this project. Minor impacts will be mitigated as follows:

a. Air Quality

During construction, dust and equipment exhaust may temporarily adversely impact air quality. These impacts will be mitigated by requiring the contractor to utilize calcium chloride for dust control. The contract documents will specify that the contractor must control emissions to the maximum extent possible using the latest available techniques.

Noise generated during construction will be controlled by the installation of adequate muffling devices on construction equipment and proper regulation of working hours as will be required in the contract documents.

b. Water Quality and Quantity

The operator will be required to maintain the existing sewers by providing sewer control. These measures will be incorporated on the plans and in the specifications.

c. Environmentally Sensitive Areas

The construction of this project will be performed in a manner which should not significantly impact any environmentally sensitive areas, including wetlands and floodplains.

d. Socio-Economic Impacts

The project will not require mitigation of socio-economic impacts.

e. Historical/Archaeological Sites

The project will not require mitigation of historical/archaeological sites.

f. Endangered Species

The project will not require mitigation of endangered species.

g. Coastal Zone Management

Not applicable

h. Wild & Scenic Rivers

Not applicable

6. Summary of Agency and Public Consultation

- a. The State DEC Facilities Engineering Division will be involved in the project, and will also be responsible for technical review of the final designs prior to construction.
- b. The Town passed a bond vote on March 4, 2008 which included a public hearing and presentation to the Selectboard.

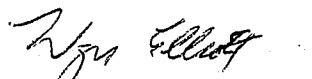
7. List of Agencies and Groups Consulted During the Environmental Review Process

- a. Federal
None
- b. State of Vermont
Facilities Engineering Division
District Act 250 Coordinator
- c. Local – Town of Proctor
Town Administrator
Wastewater Superintendent
Selectboard

C. PREPARER'S SIGNATURE

Forcier Aldrich & Associates


Kevin J. Camara
Staff Engineer


Wayne A. Elliott, P.E.
Vice President

PLAN
SCALE: 1"=100'

LIBRARY
PROCESSED 
CURED IN PLACE PIPE 
TEST/SEAL PIPE JOINTS 
PROCESSED 
PROCESSED 
UNUSABLE 
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GRAPHIC SCALE
(IN FEET)

RECORDED	NO.	DATE	REVISION	DESCRIPTION	CHECKED
KAC					
BBM					
JED					
CHECKED					
WAC					
DATE					
JUL 1, 2009					

PRODUCT NO.	08074	SEWRLINE AND MANHOLE REHABILITATION PLAN
DRAWING NO.	C2	
SHEET	3	

TOWN OF PROCTOR
PROCTOR, VERMONT

SEWER SYSTEM
REHABILITATION
CONTRACT No. 2

FA & A

Forcier
Aldrich &
Associates

Civil & Environmental Engineers

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