

CORPORATION OF THE VILLAGE OF COBDEN

BY-LAW # 1992-15

BEING a by-law to authorize the upgrading and operation of a sewage works system pursuant to Section 210, paragraph 51 of the Municipal Act, R.S.O. 1980 Chapter 302, as amended, and Part 1, of the Public Utilities Act R.S.O. 1980 Chapter 423 as amended.

WHEREAS, The Council of the Corporation of the Village of Cobden deems it necessary and in the public's interest that the sewage system be upgraded and operated to service the Village,

AND WHEREAS, the engineering studies and professional opinion have been obtained with respect to the necessity, utilization, design criteria and related matters with respect to the said project,

NOW THEREFORE; the Council of the Corporation of the Village of Cobden enacts as follows:

1. THAT the upgrading and operation of a sewage works system, as described in Schedule "A" attached hereto, be hereby authorized.
2. THAT the plans, studies, engineering and design criteria and construction proposal of such system be approved.
3. THAT the construction of the said system shall be carried out under the supervision of the Ministry of the Environment.
4. THAT the Corporation of the Village of Cobden, by resolution, accept the tender or tenders of a person or persons, firm or firms, corporation or corporations as may be acceptable by council and authorizes the Reeve and Clerk to enter into and execute contracts on behalf of the Corporation before any construction is carried out, based on such tenders.
5. THAT the debentures of \$405,000. to be issued for the loan to be effected to pay for the cost of the system when completed shall bear interest at such rate as council may determine and the debentures shall be payable over a period not exceeding 20 years.
6. THAT the estimated cost of the system is described in Schedule "A" attached hereto.
7. THIS by-law shall not take effect until the approval of the Ontario Municipal Board is obtained.

READ a first, second, and passed upon the third reading this 29 day  
of July 1992.

  
REEVE

  
CLERK-TREASURER

SCHEDULE "A"

Sanitary Sewers and appurtenances to be constructed as follows:

Sanitary Sewers

<u>Street</u>	<u>From</u>	<u>To</u>
Ross Street	Archibald Street	Approximately 183m north of Archibald Street
Main Street	Approximately 25m east of Ross Street	Approximately 70m east of John Street
Main Street	Approximately 70m west of Crawford Street	Crawford Street
Morton Street	Approximately 130m west of John Street	Crawford Street
John Street	Morton Street	Bromley Street
Bromley Street	John Street	Crawford Street
Crawford Street	Main Street	Jason Street
Jason Street	Simpson Street	Gould Street
Gould Street	Jason Street	Approximately 57m north of Jason Street
Gould Street	Approximately 185m north of Cowley Street	Cowley Street
Gould Street	Approximately 110m north of Main Street	Main Street
Easement	Dixon Street	Gould Street
Dixon St.	70m S.W. of Pembroke Street	145m S.W. of Pembroke Street
Dixon Street	Meadow Street	Approximately 145m southwest of Pembroke Street
Muskrat Street	Bonnechere Street	Approximately 60m southwest of Bonnechere Street
Pembroke Street	Boundary Road	Approximately 35m north of Boundary Road
Boundary Road	Pembroke Road	Bonnechere Street

Storm Sewers and Appurtenances to be constructed as follows:

Storm Sewers

<u>Street</u>	<u>From</u>	<u>To</u>
Easement	Morton Street	Main Street
Main Street	Approximately 135m east of Ross Street	John Street
Morton Street	John Street	Approximately 75m west of John Street

## Storm Sewers

<u>Street</u>	<u>From</u>	<u>To</u>
John Street	Morton Street	Bromley Street
Bromley Street	John Street	Crawford Street
Morton Street	Approximately 110m west of Crawford Street	Crawford Street
Crawford Street	Crowley Street	Jason Street
Simpson Street	Approximately 100m north of Jason Street	Jason Street
Jason Street	Simpson Street	Gould Street
Gould Street	Approximately 110m north of Main Street	Jason Street
Gould Street	Approximately 40m south of Cowley Street	Cowley Street
Gould Street	Approximately 80m north of Meadow Street	Meadow Street
Easement	Gould Street	Dixon Road
Dixon Road	Approximately 130m north of Meadow Street	Meadow Street
Dixon Road	Approximately 77m southwest of Pembroke St.	Pembroke Street
Meadow Street	Approximately 180m west of Pembroke Street	Approximately 90m west of Pembroke Street
Boundary Road	Approximately 105m southwest of Dixon Street	Dixon Street
Cowley Street	Gould Street	Pembroke Street
Dixon Street	Boundary Road	Meadow Street

together with (2) two culverts as follows:

A double barrel culvert each 1000 mm in diameter to be constructed across Bonnechere Street located approximately 43m Northwest of Boundary Road.

A single barrel culvert 300mm in diameter to be constructed across Ross Street located approximately 135m North of Archibald Street.

### Sewage Pumping Stations:

#### 1. Ross Street Pumping Station

A submersible sewage pumping station to be constructed to serve the proposed Welk Subdivision to be located at the North end of Ross Street and the lots located south of the subdivision having the following design criteria:

Design population	90 persons
Design peak flow:	1.5 L/s

having an oversized wet well to retain raw sewage for a minimum period of 2 hours at the average design flow rate during power outages; two submersible pumps; electrical control system; a high wet well liquid level alarm system to be received by the Renfrew County Communications Answering/Paging System and a 100mm diameter forcemain from the pumping station to the main sewer at Archibald Street complete with all internal piping valves and associated appurtenances.

## 2. Morton Street Pumping Station

A submersible sewage pumping station to be constructed to serve the proposed Wren subdivision located north of Morton Street and the lots located on Morton Street having the following design criteria:

Design population = 318 persons

Design peak flow = 6.5 L/s

having an oversized wet well to retain raw sewage for a minimum period of 2 hours at the average design flow rate during power outages; two submersible pumps; electrical control system; a high wet well liquid level alarm system to be received by the Renfrew County Communications Answering/Paging System and a 100mm diameter forcemain from the pumping station to the main sewer on Morton Street complete with all internal piping, valves and associated appurtenances.

## 3. Bonnechere Street Pumping Station

A submersible sewage pumping station to be constructed to serve the existing homes in and around Bonnechere Street and those that are presently on septic tanks having the following design criteria:

Design population = 70 persons

Design peak flow = 1.2L/s

having two submersible pumps; electrical control system; a high wet well liquid level alarm to be received by the adjoining sewage treatment plant; connection to the proposed diesel engine generator set to be located at the WPCP; and a 100mm diameter forcemain from the pumping station to the main sewer located at Boundary Road complete with all internal piping, valves and associated appurtenances;

together with an installation of a 30 kw diesel engine generator set to serve both the existing WPCP and the Bonnechere sewage pumping station to be located at the WPCP on Boundary Road.

### Total Project Cost Summary

Total Estimated Sanitary Sewer Capital Cost	\$1,584,000.
Total Estimated Storm Sewer Capital Cost	<u>\$1,116,000.</u>
Costs	\$2,700,000.