

Corporation of the Village of Cobden

By-Law Number 1987-22

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

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

AND WHEREAS, 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 waterworks 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 and 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 \$210,000.00 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 "B" 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 14<sup>th</sup> day of July, 1987.

  
\_\_\_\_\_  
REEVE

  
\_\_\_\_\_  
CLERK-TREASURER

Schedule "A"

RECEIVED

Whereas / Attendu que

..... VILLAGE OF COBDEN .....

FEB - 4 1987

of / d

Ans'd.....

has applied in accordance with Section 23 of the Ontario Water Resources Act for approval of:

*à fait, conformément à l'article 23 de la loi sur les ressources en eau de l'Ontario, une demande d'autorisation:*

watermains, water storage reservoir (standpipe) and appurtenances to be constructed in the Village of Cobden as follows:

WATERMAINS

<u>STREET</u>	<u>FROM</u>	<u>TO</u>
Pembroke Street	Cowley Street	Boundary Road
Muskrat Street	Bonnechere Street	Pembroke Street
Dixon Street	Pembroke Street	Boundary Road
Jason Street	Gould Street	Crawford Street
Crawford Street	Jason Street	Main Street
Bromley Street	Crawford Street	Approx. 40 m E. of Simpson Street
Bonnechere Street	Main Street	Boundary Road
Boundary Road	Bonnechere Street	John Street
John Street	Boundary Road	Approx. 60 m S. of Meadow Street
Cowley Street	Gould Street	Approx. 60 m E. of Crawford Street
Unnamed Right of Way	Dixon Street	Gould Street
Simpson Street	Bromley Street	Meadow Street

...2

**Now therefore** this is to certify that after due enquiry the said proposed works have been approved under Section 23 of the Ontario Water Resources Act.

*Le présente document certifie qu'après vérification en bonne et due forme la construction dudit projet d'ouvrages a été approuvée aux termes de l'article 23 de la loi sur les ressources en eau de l'Ontario.*

DATED AT TORONTO this  
DATÉ À TORONTO ce

26th

day of  
jour d

January, 1987

Attn:-Mr. D. Gatien, Clerk, Village of Cobden  
cc:-Mr. D. Guscott, Dir. SE Reg., MOE  
-Greer Galloway & Assoc. Ltd.

/gc

  
Director / Directeur

Schedule "A"

Whereas / Attendu que ..... - 2 - .....

of / d

has applied in accordance with Section 23 of the Ontario Water Resources Act for approval of:  
*a fait, conformément à l'article 23 de la loi sur les ressources en eau de l'Ontario, une demande d'autorisation:*  
WATERMAINS (Cont'd.)

<u>STREET</u>	<u>FROM</u>	<u>TO</u>
Gould Street	Dixon Street	Jason Street
Gould Street	Approx. 140 m N. of Main Street	Approx. 190 m S. of Pembroke Street
Morton Street	Ross Street	Approx. 40 m E. of C.P.R.
Village Works Easement	Standpipe	Gould Street

Pembroke Street at intersection of Gould Street.

WATER STORAGE RESERVOIR

To be located at the Gould Street Village Works Yard consisting of a standpipe with a total effective storage volume of 860 m<sup>3</sup> at a TWL of 181 m, including interconnecting piping, valves and associated appurtenances,

all in accordance with the water diastribution study report (revised November 1986), computer analysis report (revised January, 1987), plans and specifications prepared by Greer Galloway and Associates Limited, Consulting Engineers, at a total estimated cost, including engineering and contingencies, of ONE MILLION THREE HUNDRED AND NINETY SIX THOUSAND SIX HUNDRESD DOLLARS (\$1,396,600.00), subject to the following special terms and conditions considered necessary by the undersigned.

SPECIAL TERMS AND CONDITIONS


No portion of the works shall be constructed and no tenders for construction accepted on any portion of the works until final plans, specifications and engineer's report are submitted to and approved by the Director.

**Now therefore** this is to certify that after due enquiry the said proposed works have been approved under Section 23 of the Ontario Water Resources Act.

**Le présente document** certifie qu'après vérification en bonne et due forme la construction dudit projet d'ouvrages a été approuvée aux termes de l'article 23 de la loi sur les ressources en eau de l'Ontario.

DATED AT TORONTO this day of  
DATE À TORONTO ce 26th jour d January, 1987

/gc

  
.....  
Director / Directeur

## SECTION 6

RECOMMENDED IMPROVEMENTS & ESTIMATED COSTS

## 6.1 General

The problems associated with the Village's standpipes and watermains can be remedied by replacing and extending existing watermains. Specific recommendations to improve the Village water distribution system are shown on the Watermain System Drawing, and are outlined below. The recommendations are listed in order of priority; estimated costs are also listed. Operating characteristics for the proposed improvements are found in Appendix C.

1. Replace existing standpipe with either:
  - a) 9.1m dia. X 30.5m (30' dia. X 100') steel stand pipe
  - or
  - b) 900 cu. m. (200,000 IGal) elevated steel water storage tank on concrete pedestal.

Also provide telemetry control of highlift pumps and upgrade existing 4 stage highlift pump to 8 stages. \$310,000.00
2. Provide a 200 mm (8 in.) diameter, 0.6 km (2,000 ft.) watermain beside Highway 17. 116,100
3. Provide a 200 mm (8 in.) diameter, 0.9 km (3,000 ft.) trunk watermain from the Water Treatment Plant to Main Street at Crawford Street. 221,300
4. Provide 150 mm (6 in.) diameter, 0.9 km (3,000 ft.) feeder mains to replace existing water pipes with diameter less than 50 mm (2 in.) and improve looping on the following streets:
  - Bonnechere St. - Muskrat St. to Boundary Rd.
  - Boundary Rd. - Bonnechere St. to Pembroke St.
  - Cowley St. - west of Gould St.
  - Dixon St. - Dixon St. to Meadow St.
  - Meadow St. to Boundary Rd.
  - Pembroke St. - at Gould St.
  - Simpson St. - Bromley St. to Meadow St.176,000
5. Provide a 200 mm (8 in.) diameter, 310 m (1,000 ft.) watermain from the Standpipe north along Cowley Street (to be looped to Morton Street at the C.P.R. Right-of-Way in the future in conjunction with the development of the land as a residential subdivision). 113,700

Schedule "B"

6. Provide a 200 mm (8 in.) diameter, 270 m (890 ft.) watermain from the existing 150 mm (6 in.) diameter watermain on Morton Street east of the C.P.R. Right-of-Way, along Morton Street to Ross Street.	78,200
7. Provide a 200 mm (8 in.) diameter, 0.6 km (2,000 ft.) watermain along Boundary Road from Highway 17 to John Street and 70 m (230 ft.) onto the south end of John Street.	<u>148,500</u>
Total Estimated Construction Cost	1,163,800
Engineering and Contingencies (20%)	<u>232,800</u>
Total Estimated Capital Cost	\$1,396,600

It should be noted that the above recommendations and estimated costs may be refined during final design. As well, the estimated costs are in 1987 dollars and do not include land acquisition costs.

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6. That the estimated cost of the system is described in Schedule "B" 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 8<sup>th</sup> day of September, 1987.

REEVE

Andy Stone  
CLERK-TREASURER