

COMPLIANCE INSPECTION REPORT

**CHESTERVILLE WATER
TREATMENT PLANT**

COMMUNAL DRINKING WATER

**REPORT PREPARED BY THE CORNWALL OFFICE OF THE
MINISTRY OF THE ENVIRONMENT, EASTERN REGION**

Inspected by: Jeff Columbus
Inspection: June 29, 1999

TABLE OF CONTENTS

1	CERTIFICATES OF APPROVAL	1
2	SYSTEM DESCRIPTION	2
3	PERMIT TO TAKE WATER ASSESSMENT	2
4	CAPACITY ASSESSMENT	2
5	PLANT TREATMENT REQUIREMENTS	3
6	SAMPLING REQUIREMENTS	3
7	WATER QUALITY ASSESSMENT	4
8	MINISTRY SAMPLING AT TIME OF INSPECTION	4
9	REPORTING REQUIREMENTS	4
10	PLANT AND OPERATOR CERTIFICATION	5
11	PROCESS WASTEWATER	5
12	REVIEW OF OUTSTANDING ISSUES	5
13	SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)	6
13.1	ACTION(S) REQUIRED	7
14.0	OTHER INSPECTION FINDINGS	7
14.1	ACTION(S) REQUIRED	7



MINISTRY OF THE ENVIRONMENT

COMMUNAL DRINKING WATER INSPECTION REPORT

MUNICIPALITY: Township of North Dundas

ADDRESS: P.O. Box 489, 547 St. Lawrence Street, Winchester, Ontario K0C 2K0

CONTACT NAME: Blair Henderson **TITLE:** Acting Operations Manager

CONTACT TELEPHONE: (613) 446-3098 **FAX:** (613) 448-1616

FACILITY INSPECTED: Chesterville WTP **WORKS NUMBER:** 210000728

SITE ADDRESS: Industrial Road, Chesterville, Ontario

OPERATING AUTHORITY: Ontario Clean Water Agency

MUNICIPALITIES SERVED: Village of Chesterville

INSPECTION DATE: June 29, 1999

DATE OF LAST INSPECTION REPORT: December 12, 1996

1.0 CERTIFICATES OF APPROVAL

- 7-0319-87-899 Issued June 15, 1989

This certificate was issued to upgrade and increase the capacity of the system.

This certificate was amended May 22, 1997 at the Township's request (following the issuance of the Ministry's previous Inspection Report on this plant) to correct an error with respect to the volume of the elevated storage tank.

See Appendix "A" for copies of the above-noted certificates/amendments.

2.0 SYSTEM DESCRIPTION

- For a detailed description of the works, please refer to previous inspection report dated December 12, 1996.

3.0 PERMIT TO TAKE WATER ASSESSMENT

PERMIT NUMBERS	SOURCE	RENEWAL DATES	AMOUNT/RATE OF TAKING
88-P-4083	Well # 1	May 30, 2003	817,920 L/D
89-P-4052	Well # 5 + standby well	July 31, 2009	1,950,000 L/D

See Appendix "A" for copies of the above permits.

4.0 CAPACITY ASSESSMENT

ITEM	1996	1997	1998
Avg. Day Flow m ³ /day	559	661	639
Max. Day Flow m ³ /day	934	1336	1,740
Rated capacity m ³ /day	2808	2808	2808
% (Maximum Day/Rated Capacity)	33	48	62

Note: Rated Capacity of System (C of A) =
$$\begin{array}{r} \text{Production Well \#5 @ 1987.2 m}^3/\text{day} \\ + \text{Well \# 1 @ 820.8 m}^3/\text{day} \\ \hline \text{Total capacity} = 2808 \text{ m}^3/\text{day} \end{array}$$

- As stated in the 1998 Annual Performance report, Well # 1 has not been utilized to provide water to the distribution system due to its chemical characteristics continually exceeding Ontario Drinking Water Objectives for iron, turbidity, and colour.

As indicated by the above table, the production volume of Well # 5 alone is presently adequate to meet the system's demands. It should be noted however that Well # 5, if run at maximum capacity, can only meet up to 69% of the total capacity of the system, (which peaked at 62% in 1998) before Well # 1 would again have to be utilized.

5.0 PLANT TREATMENT REQUIREMENTS

- a) Does the plant comply with the requirements of Ministry Guideline B-13 regarding treatment requirements for surface water?

Coagulation/flocculation:	none
Filtration:	none
Disinfection:	sodium hypochlorite

Not applicable: this system is supplied by groundwater from wells.

- b) Does the plant comply with the requirements of Ministry Guideline B-14 regarding treatment requirements for groundwater?

- **This facility complies with the Guideline in that disinfection "the minimum level of treatment" is provided.**

6.0 SAMPLING REQUIREMENTS

- Sampling requirements are specified in condition 6 of the system's Certificate of Approval 7-0319-87-899.

The Physical/Chemical sampling protocol was previously identified as not meeting requirements since Sulfate, Dissolved Organic Carbon, Free Ammonia, Total Kjeldahl Nitrogen, nitrates and nitrites were not being monitored as required by the certificate of approval. As of January 1996, the analysis was corrected and Physical/Chemical monitoring has been performed as required.

Bacteriological sampling is in compliance with the Certificate of Approval.

Daily monitoring requirements for free chlorine residual and turbidity are complied with by use of on-line chlorine and turbidity monitors at the plant, and by use of a HACH Pocket Colourimeter for chlorine residual in the distribution system.

7.0 WATER QUALITY ASSESSMENT

- A review of the Water Plant Annual Assessment Reports submitted by O.C.W.A. for 1996, 1997, and 1998 indicate that the water being distributed from this plant meets the requirements of the Ontario Drinking Water Objectives.

As indicated in the previous report, Well #1 was not sampled as it is not providing water to the system. Should consumption increase to require use of this well for the distribution system, sampling as per the Certificate of Approval will be conducted prior to placing the well on-line, as detailed in O.C.W.A. correspondence dated January 14, 1997.

8.0 MINISTRY SAMPLING AT TIME OF INSPECTION

Type of Sample: Grab

- Results not received at time of report completion. To be forwarded when received.

9.0 REPORTING REQUIREMENTS

- Conditions 6 and 7 of Certificate of Approval 7-0319-87-899 contains clauses requiring reporting:

Condition 6(iv) stipulates that "the results from the sampling program shall be reported to the District Officer within 30 days of collection of the samples or within such longer periods as the District Officer may agree."

Condition 7 states that an Annual Performance report shall be submitted within 90 days following the calendar year, containing a summary and discussion of the quantity of water used, chemicals used, results of chemical and bacteriological sampling programs and any problems encountered during the reporting period.

Condition 6(iv) is somewhat redundant in that: 1) the same data is required under condition 7, annual reporting requirements which have been consistently met by the present operating authority, 2) laboratory results are not always available within 30 days and 3) the Ontario Drinking Water Objectives requires immediate notification to the Ministry should a health parameter exceed the appropriate limit.

As such, it is recommended that the municipality request the reporting requirements under condition 6(iv) be changed from monthly to annually, to coincide with condition 7.

Condition 15 on Permit To Take Water # 89-P-4052 requires that annual water level monitoring be conducted at four locations in accordance with the monitoring program proposed by Water and Earth Science Associates in their letter dated July 24, 1997.

As of January 1998, this monitoring has been conducted and results included with the Annual Performance report submitted to this Ministry as required.

10.0 PLANT AND OPERATOR CERTIFICATION

- Plant Certification
 - i. Facility Level: Water Distribution III
 - ii. Certificate Number: N/A
 - iii. Date of Issue: N/A
- Do the plant operators have the appropriate level of certificate for this plant?
Yes, all operators in the Chesterville plant meet this level of Certification

11.0 PROCESS WASTEWATER

- There is no filter or backwash wastewater.

12.0 REVIEW OF OUTSTANDING ISSUES

Previous inspection report dated December 1996 indicated the following:

- Conditions on Water Taking Permit # 89P4052 were not in compliance due to lack of water level monitoring and reporting. As of January 1998, the monitoring program has been implemented and results reported to the Ministry in the Annual Performance Report as required.
- Annual Performance report did not include data from Well # 1. OCWA and the Ministry have since reached an agreement that Well # 1 does not require monitoring as long as it is not providing water to the distribution system. Monitoring as per the certificate shall recommence prior to use of Well # 1 providing water to the system.

- Not all required chemical parameters were being analyzed for as required by condition 6. **Since January 1996, the monitoring program has been modified and as such, is in compliance with the Certificate of Approval.**
- **Confusion surrounding the Existing Storage Tank volume has been resolved. Certificate of Approval 7-0319-87-899 was re-issued May 22, 1997 to reflect the true volume of the tank to be 570 m³ (125,000 gallons).**

13.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

- Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate ?
☐ Yes ☒ No
- Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material ?
☐ Yes ☒ No
- Was there any indication of a known or suspected violation of a legal requirement during the inspection and/or review of relevant material which could cause a human health impact or environmental impairment ?
☐ Yes ☒ No
- Was there any indication of a potential for environmental impairment during the inspection and/or the review of relevant material ?
☐ Yes ☒ No

13.1 ACTION(S) REQUIRED

- Reporting Requirements

Municipality should submit written request to District Manager under Condition 6(iv) of Certificate of Approval 7-0319-87-899 that "results from monitoring program be submitted annually to District Officer, rather than within 30 days of the collection of the samples". An amendment to the certificate is not required for this reporting change.

Non-compliances, as listed in previous inspection report, have been dealt with.

14.0 OTHER INSPECTION FINDINGS

- none

14.1 ACTION(S) REQUIRED

- none

OCCURRENCE REPORT #: 9940002078

PREPARED BY:

ENVIRONMENTAL OFFICER: Jeff Columbus
(Print)

[Signature]
(Signature)

Cornwall Area Office
(District/Area Office)

November 15, 1991
(Date)

REVIEWED BY:

DISTRICT SUPERVISOR:

R.J. Robertson

(Print)

(Signature)

(Date)

REPORT MAILED OUT ON:

(Date)

cc. Local Health Unit

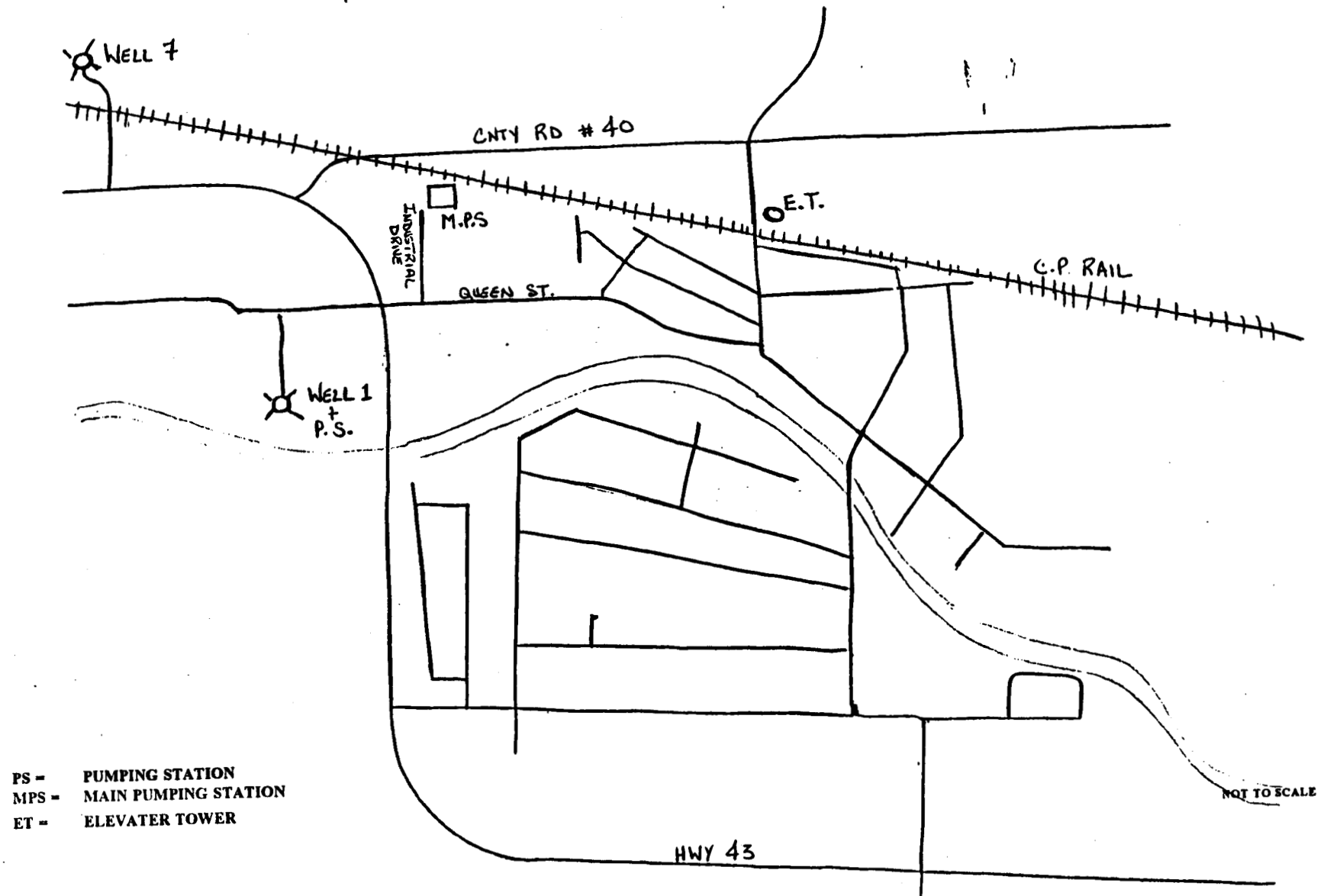
APPENDIX: "A" - Process Flow Diagram
"B" - Certificates of Approval

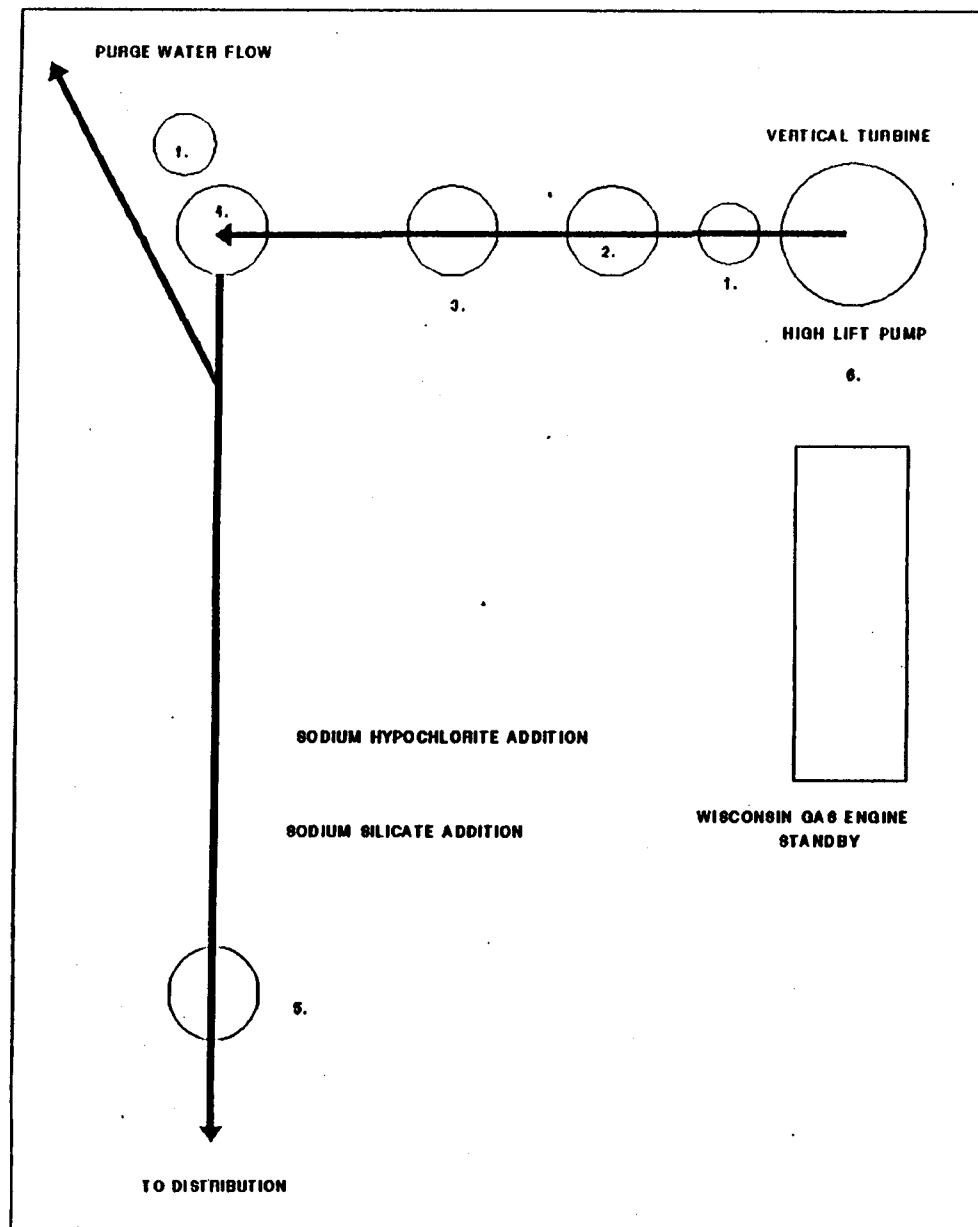
NOTE: "This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements."

APPENDIX "A"

PROCESS FLOW DIAGRAM

CHESTERVILLE WATER WORKS
LOCATION OF FACILITIES

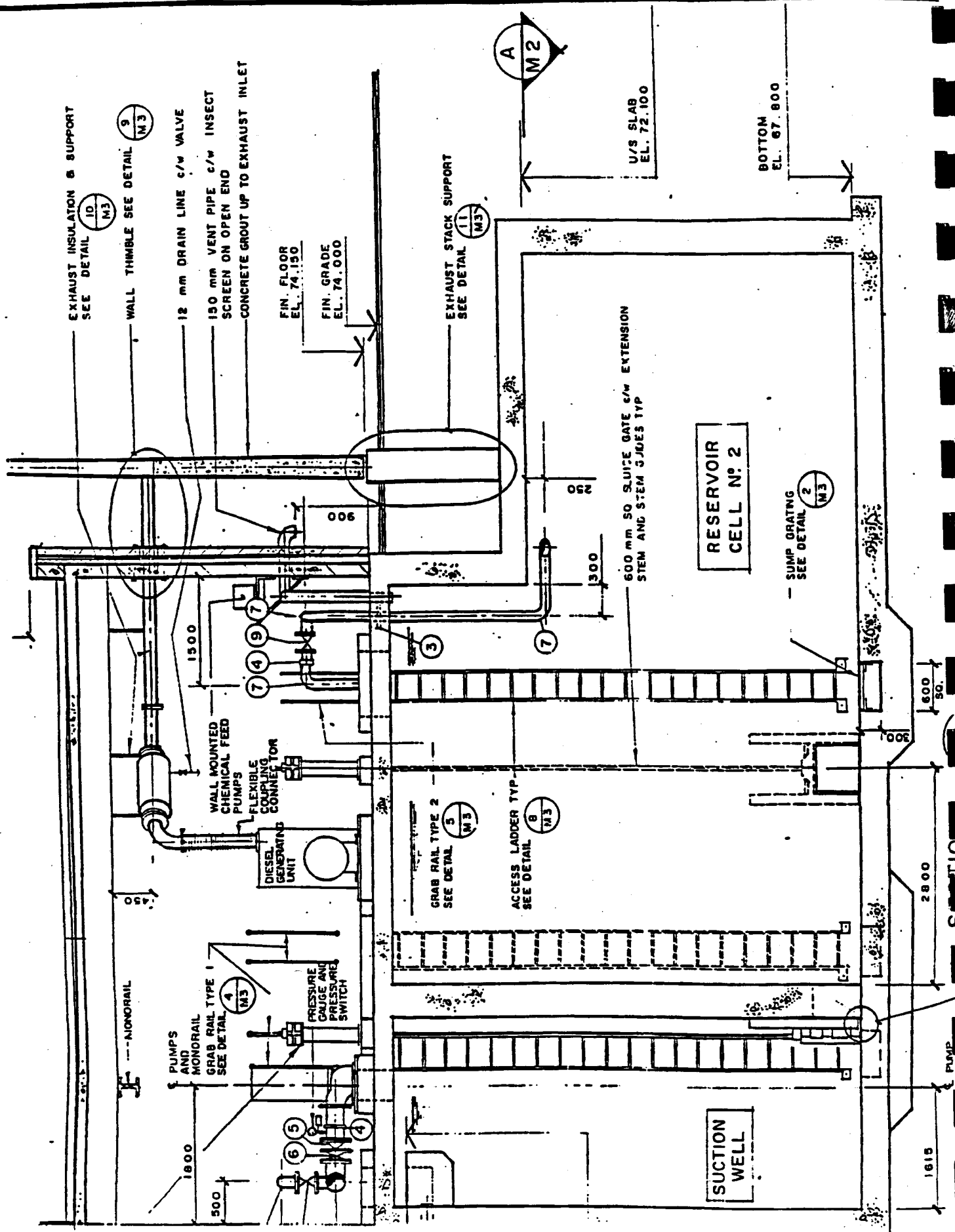




- 1. PRESSURE GAUGE
- 2. CHECK VALVE
- 3. FLOW REGULATOR VALVE
- 4. WATER METER
- 5. GATE VALVE
- 6. RIGHT ANGLE GEAR DRIVE

DOOR

VILLAGE OF CHESTERVILLE
PROCESS FLOW DIAGRAM
PUMPHOUSE NO. 7 (OLD NO. 1)



ED PIPE (FEMALE END)
ABOVE SLAB NPT 2-11 1/2

LESS COVERS ON 200
mm HIGH CONC CURB TYP.
TAIL

S.S. VENT PIPE c/w
SCREEN ON OPEN END

PRESSURE
GAUGE

PRESSURE
SWITCH
GATE VALVE

PUMP
DISCHARGE

6 mm P.V.C.
CHEMICAL FEED
LINE TAPPING INTO
250 mm DISCHARGE

B
M2

C
M2

50 mm OUTLET FOR
DOMESTIC WATER

6 mm SAMPLE LINE
TO ANALYZER

WALL MOUNTED CHLORINE
RESIDUAL ANALYZER

D

300 mm HIGH
CONC. CURB

FD. Ø
PRESSURE GAUGE B
PRESSURE SWITCH TYP

200 mm PIPE WITH FLANGED END
PROJECTED 350 mm ABOVE FIN. FLOOR
FOR MOUNTING ULTRASONIC LEVEL
TRANSDUCER SEE DETAIL DWG. N: E2

SLUICE GATE OPERATOR
ON 300 SQ. x 150 mm HIGH
CONC. PAD TYP

FD. Ø

DIESEL
GENERATING
UNIT

MOTOR
CENTRE CONTROL

VILLAGE OF CHESTERVILLE
PROCESS FLOW DIAGRAM
MAIN PUMPHOUSE/RESERVOIR

E
1000 150 12

WALL MOUNTED
CHEMICAL FEED PUMPS

CHEMICAL TANKS

6 mm P.V.C.
CHEMICAL FEED LINE
TAP INTO 100 mm
INLET LINE

EXHAUST STACK AND SUPPORT
SEE DETAIL

150 mm S.S. VENT PIPE
c/w INSECT SCREEN ON OPEN END

GRAB RAIL TYPE 2
SEE DETAIL

AL. ACCESS COVER ON 200 x 150 mm
HIGH CONC. CURB SEE DETAIL

FUEL LINE INSTALLATION
SEE DETAIL

800 mm HIGH CONC. CURB

FUEL TANK

38 mm VENT PIPE
80 mm FILL PIPE WITH LOCKING
CAP SEE DETAIL

250
DIS

250
DIS

250
DIS

250
DIS

APPENDIX "B"
CERTIFICATES OF APPROVAL



Ministry
of the
Environment

Ministère
de
l'Environnement

Certificate of Approval (Water)
Certificat d'autorisation (eau)

Number / Numéro 7-0319-87-899

C - McKenna
C - EA - 04-02

Whereas / Attendu que

VILLAGE OF CHESTERVILLE.

U. A.

of ~~the~~
XXXX

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:

A water supply and distribution system to serve the Village of Chesterville,
as follows:

Design Parameters:

Design year population (2007)	:	1921 persons
Allowance for two schools (population equiv.)	:	105 persons
Total design population	:	2026 persons.
Per capita water consumption (average)	:	385 L/c.d.
Average daily demand (2026x385x10-3)	:	780 m ³
Maximum daily demand (2.50 x 780)	:	1950 m ³ /d (22.6 L/s)
Peak hourly demand (3.75 x 780)	:	2925 m ³ /d (33.9 L/s)
Existing Well No.1 capacity	:	9.5 L/s
Fire flow, 93 L/s for 2 hours	:	670 m ³
Equalization storage, 25% x 1950	:	488 m ³
Emergency storage, 25% x (670 + 488)	:	289 m ³
Total storage, 670 + 488 + 289	:	1447 m ³
Existing storage elevated tank	:	797 m ³
Additional storage required, 1447-797	:	650 m ³
New well pump	:	23 L/s, 35m TDH
High lift pumps, two, each	:	12 L/s, 55m TDH
Fire pumps, two, each	:	42 L/s, 55m TDH
Standby power	:	80 kW

Where: L/c.d	=	litres per capita per day
m ³	=	cubic metres
m ³ /d	=	cubic metres per day
L/s	=	litres per second
TDH	=	total dynamic head
kW	=	kilowatts

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This Certificate of Approval supercedes Certificate of Approval
No. 7-0319-87-898 dated April 28, 1989.

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
DATE À TORONTO ce

15th

day of
jour d

June, 1989

Attn: M.E. McDonell, Clerk, Village of Chesterville.
cc: D. Guscott, M.O.E. (S.E) Reg. Dir.
Totten Sims Hubicki Associates.
R. Dhillon, Project Engineering.

/br

0732 (07/88)

Director / Directeur



Ministry
of the
Environment

Ministère
de
l'Environnement

Certificate of Approval (Water)
Certificat d'autorisation (eau)

Number / Numéro 7-0319-87-899
(Continued)

- 2 -

Water Supply System

- Construction of a new well located in Brenda Hutt property in the Township of Winchester equipped with a submersible pump rated at 23 litres per second capacity at 35m TDH;
- construction of a 650 cubic metres capacity storage reservoir with high lift pumphouse equipped with two turbine service pumps each rated at 12 litres per second capacity at a 55m TDH, two turbine fire pumps each rated at 42 litres per second capacity at 55m TDH;
- installation of a chlorination system consisting of six (6) 12% sodium hypochlorite solution tanks each having a capacity of 400 litres;
- construction of low and high lift water transmission mains as follows:

<u>STREET</u>	<u>FROM</u>	<u>TO</u>
Brenda Hutt property, part of Lot 12, Concession 5, Township of Winchester	Well	Unopened Township Road
Unopened Township Road	CPR Tracks	Highway No. 43
Highway No. 43	Unopened Township Road	Garnet Droppo Property (R.P. 35, Part 2, Village of Chesterville)
Industrial Park (R.P. 35, part 6, Village of Chesterville)	Easement	Reservoir Site (R.P. 35, part 6, Village of Chesterville)
Industrial Park	Reservoir Site	Queen Street
Highway No. 43	Queen Street	Thomson Road Easement (between South Nation River and Thomson Road cul-de-sac)
Thomson Road Easement	Highway No. 43	Thomson Road cul-de-sac
Easement between Howard and Hummel Streets	West End of Howard Street	West End of Hummel Street

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Certificate of Approval (Water)
Certificat d'autorisation (eau)

Number / Numéro 7-0319-87-899
(Continued)

- 3 -

Including all appurtenances, yard work, mechanical and electrical work, in accordance with the design principles set out for the preferred alternative in the Environmental Study Report (November 1987), final design calculations, plans and specifications prepared by Totten Sims Hubicki Associates, Consulting Engineers, at a total estimated cost, including engineering, contingencies and land charges of ONE MILLION, SEVEN HUNDRED FIFTY THOUSAND DOLLARS (\$1,750,000.00), subject to the following Special Terms and Conditions considered necessary by the Director:

Special Terms and Conditions

1. For the purpose of this Certificate of Approval:

- (a) the "Director" means the Director of the Approvals Branch, Ministry of the Environment;
- (b) The "Regional Director" means the Regional Director of the Southeastern Region, Ministry of the Environment;
- (c) The "District Officer" means the District Officer of the Office of the Ministry of the Environment's Southeastern Region;
- (d) the "owner" means the Village of Chesterville.

- 2. Requirements specified in this Certificate are minimum requirements under Section 23 of the Ontario Water Resources Act, and do not abrogate the need to take all steps to avoid violating the provisions of applicable legislation.
- 3. The requirements of this Certificate are severable. If any requirement of this Certificate, or the application of any requirement of this Certificate to any circumstance, is held invalid, the application of such requirement to other circumstances and the remainder of this Certificate shall not be affected thereby.
- 4. The owner must ensure compliance of all the terms and conditions of this Certificate. Any non-compliance constitutes a violation under the Ontario Water Resources Act and is grounds for enforcement.
- 5. The owner shall furnish to the Regional Director any information which the Regional Director may request pursuant to Subsection 6 of Section 23 of the Ontario Water Resources Act, and copies of any records required to be kept by this Certificate.
- 6. The owner shall undertake a sampling and monitoring program of the well water upon completion of the works described in this Certificate. The sampling and monitoring program as a minimum shall consist of the following:

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de
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Certificate of Approval (Water)
Certificat d'autorisation (eau)

Number / Numéro

7-0319-87-895
(Continued)

- 4 -

<u>Frequency</u>	<u>SAMPLING PROGRAM</u>	
	<u>Seasonally</u> (4 times/year)	<u>Weekly</u>
Parameters	Turbidity	Chlorine Residuals
	Colour	Total Coliforms
	pH	Fecal Coliforms
	Alkalinity	
	Total Hardness	
	Sodium	
	Iron	
	Conductivity	
	Chloride	
	Sulphate	
	Free Ammonia	
	Total Kjeldahl Nitrogen	
	Nitrite	
	Nitrate	
	Dissolved Organic Carbon	

i) Sampling Locations

Sampling locations shall be established within the water works to the satisfaction of the District Officer prior to the commencement of operation of the water works. Any of these sampling locations may be changed or abandoned and new locations may be added following commencement of operations if, in the opinion of the District Officer, it is necessary to do so to ensure representative samples are being collected.

ii) Sampling Methodology

All sampling is to be carried out by personnel of the owner (or by designated agent acceptable to the District Officer, Ministry of the Environment, Kingston). Sampling methodology is to be as described in a Guide to the Collection and Submission of Samples for Laboratory Analysis, Fifth Edition, July 1985, Ontario Ministry of the Environment, Laboratory Services Branch.

iii) Analytical Methodology

Analytical methodology is to be as described in Standard Methods for the Examination of Water and Wastewater, 16th Edition, 1985, American Public Health Association.

iv) Record Keeping

In addition to the sampling and monitoring program, records are to be kept of daily flows and the daily monitoring of free chlorine residual and turbidity.

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Certificate of Approval (Water)
Certificat d'autorisation (eau)

Number / Numéro

7-0319-87-899
(Continued)

- 5 -

The results from the sampling program shall be reported by the operating authority to the District Officer within 30 days of collection of the samples or within such longer periods as the District Officer may agree.

After the owner obtains a minimum of twelve (12) months of sampling results, the sampling frequency and number of parameters to be analyzed, may be changed to frequency and such parameters as the District Officer of the Ministry of the Environment may specify.

All records are to be made available by the owner for inspection by the District Officer of the Ministry of the Environment, upon request.

7. (1) The owner shall submit an annual performance report to the Regional Director.
- (2) The first report referred to in Subsection (1) shall be submitted within one year and 90 days following the commencement of operation of the facilities approved herein and shall report on the first 12 months of such operation. Each subsequent report shall cover subsequent 12 month periods and shall be submitted within 90 days of the completion of the 12 month period being reported upon.
- (3) Each annual performance report shall contain at least the following information:
- (a) a summary and discussion of the quantity of water for the reporting period compared to the design values for the level of population serviced;
 - (b) a summary and discussion of the chemicals used in the treatment processes with special reference to any abnormal usages;
 - (c) a summary and interpretation of the results of the chemical and bacteriological sampling programs including any special water quality problems which may be experienced during the reporting period.

THIS IS A TRUE COPY OF THE
ORIGINAL CERTIFICATE MAILED
JUN 16 1989
ON


(Signed)



Notice Avis

To:
Destinataire:

Village of Chesterville
Box 190
1 Mill Street
Chesterville, Ontario
K0C 1H0

You are hereby notified that Conditional Certificate of Approval No. 7-0319-87-899 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

1. All terms are defined to assist in making the meaning of the conditions clear.
2. Condition No. 2 is included to emphasize that the issuance of the approval does not diminish the duty of the owner to use all reasonable care in the construction, maintenance and operation of the water works, including a duty to mitigate any adverse impacts resulting from any action which results in non-compliance with this Certificate of Approval.
3. Condition No. 3 is included to clarify that the requirements as set out in this Certificate are severable.
4. Condition No. 4 is included to clarify that the owner has to comply with all the terms and conditions of the Certificate.
5. Condition No. 5 is included to allow the Regional Director to obtain necessary information relating to the construction, operation and maintenance of the water works.
- 6 & 7 The conditions related to the sampling and monitoring programs, and performance report are being imposed to ensure that all pertinent data are available for the following:
 - performance evaluation
 - to ensure that the water works is operated and maintained at a level consistent with the design objectives and is effective in producing water of an acceptable quality at all times, both in terms of public health and aesthetically

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You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 63 of the Ontario Water Resources Act, as amended in 1983, provides that the Notice requiring the hearing shall state the portions of each term or condition in the approval in respect of which the hearing is required and the grounds on which you intend to rely at the hearing.

This Notice should be served upon:

The Secretary,
Environmental Appeal Board,
112 St. Clair Ave. West,
5th Floor,
Toronto, Ontario.
M4V 1N3

The Director,
Section 23, OWR Act,
Ministry of the Environment,
AND 250 Davisville Avenue,
Toronto, Ontario.
M4S 1H2

DATED at Toronto this 15th day of June, 1989



Director,
Section 23, OWR Act,
Ministry of the Environment.

THIS IS A TRUE COPY OF THE
ORIGINAL NOTICE MAILED
JUN 16 1989

CN

SIGNED 



Ministry of the Environment
Ministère de l'Environnement

20 04 00 02
MINISTRY OF THE ENVIRONMENT
CERTIFICATE OF APPROVAL
WATER

AUG 28 1991

NO. 7-0319-87-899
Page 1 of 2

CORNWALL
NOTICE



17/11/91
Village of Chesterville
P. O. Box 190, 1 Mill Street
CHESTERVILLE, Ontario
K0C 1H0

You are hereby notified that final Certificate of Approval No. 7-0319-87-899 issued on June 15, 1989, which was amended by a Notice dated May 8, 1991, is hereby amended again as follows:

replace the first paragraph which reads:

- "Replacement of existing 200 mm diameter, 802 m long PVC transmission main with a new 200 mm, PE (polyethylene) pipe from the existing well pumping station located at Brenda Hutt property to Highway No. 43."

with the following:

- "Replacement of existing 200 mm diameter, 1,300 m long PVC transmission main with a new 200 mm, PE (polyethylene) pipe from the existing well pumping station located at Brenda Hutt property to approximately 30 m west of Farm Access Road on Highway No. 43 (near existing valve chamber)."

The reason for the above change is as follows:

The first 2,000 m length of the existing 3.9 km transmission pipe has experienced leaks. Out of this, the first 1,300 m shows a down-surge pressure exceeding the 75 kPa (22 inches of mercury) tolerance limit for negative pressure. Hence, the pipe joints in this section have potential for more leaks and the replacement is intended to protect the system from further leaks, as per information referred to in attached Schedule "A".

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 63 of the Ontario Water Resources Act, R.S.O. 1980, C. 361, as amended, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.



Ministry of the Environment
Ministère de l'Environnement

CERTIFICATE OF APPROVAL
WATER
NO. 7-0319-87-899
Page 2 of 2

In addition to these statutory requirements, the Notice should include:

3. *The name of the appellant;*
4. *The address of the appellant;*
5. *The Certificate of Approval number;*
6. *The date of the Certificate of Approval;*
7. *The name of the Director;*
8. *The municipality within which the works are located;*

And the Notice should be signed and dated by the appellant.

This Notice should be served upon:

The Secretary,
Environmental Appeal Board,
112 St. Clair Ave. West,
5th Floor,
Toronto, Ontario.
M4V 1N3

AND

The Director,
Section 23, OWR Act,
Ministry of the Environment,
250 Davisville Avenue, 3rd Floor,
Toronto, Ontario.
M4S 1H2


This is to certify that after due enquiry the proposed works have been approved under Section 23 of the Ontario Water Resources Act.

DATED AT TORONTO this 21st day of August, 1991.

THIS IS A TRUE COPY OF THE
ORIGINAL NOTICE MAILED

ON AUG 22 1991

SIGNED


W. Gregson, P. Eng.
Director
Section 23, O.W.R. Act

RM/nk

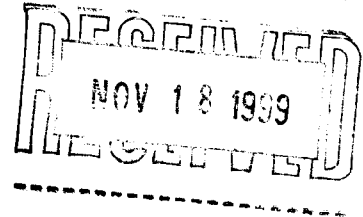
Attn: Mr. H. F. Smith, Clerk, Village of Chesterville
c.c: Mr. J. Toth, P. Eng. - Totten Sims Hubicki Associates
Mr. Alan T. K. Fok, Environmental Hydraulics Group
Mr. Ken Adams, Manager - MOE Project Engineering
Mr. B. Ward, Reg. Dir., MOE SE Region ✓



Ministry of the Environment
P.O. Box 820
Kingston, Ontario
K7L 4X6
613/549-4000 or 1-800/267-0974
Fax: 613/548-6920

Ministère de l'Environnement
C.P. 820
Kingston (Ontario)
K7L 4X6
613/549-4000 ou 1-800/267-0974
Fax: 613/548-6920

November 16, 1999



Ontario Clean Water Agency
Chesterville Hub
6 Industrial Drive
Chesterville, ON K0C 1H0

Attention: Blair Henderson
Acting Operations Manager

Dear Sir:

Re: Chesterville Water Treatment Plant
Certificate of Approval 7-0319-87-899

This is in reply to your letters of September 27 and October 7, 1999, requesting on behalf of the municipality of North Dundas, a change to the 30 day reporting procedure for results of the sampling program conducted at the Chesterville Water Treatment Plant.

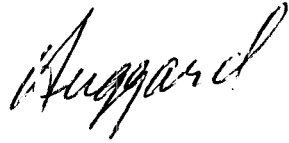
Having carefully reviewed the reasons provided in your letter, and the data for the previous three years, the Kingston/Cornwall District has no objections to the modification of the reporting procedure as requested.

As Condition 6 (iv) allows for the reporting extension at the discretion of the District Manager, an amendment to the Certificate of Approval is not required. This letter will serve as notice to the change of reporting requirements for results from the sampling program to be submitted to the District Officer from "within 30 days of collection of the samples" to "within 90 days of the end of the calendar year in which the samples were collected".

I suggest a copy of this letter be attached to Certificate of Approval 7-0319-87-899 and provided with any correspondence relating to the certificate to ensure clarification of Condition 6 and the relaxation of reporting requirements.

If you have any comments regarding this matter, please contact Jeff Columbus in the Cornwall Area Office at (613) 933-7402, extension 223.

Yours truly,

A handwritten signature in cursive script, appearing to read "Vic Huggard".

Vic Huggard
Acting District Manager
Kingston/Cornwall District Office
Eastern Region

JDC/sh

c: Howard Smith, Clerk Administrator, Township of North Dundas

Ministry of the
Environment

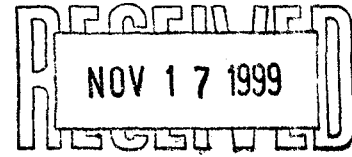
113 Amelia Street
Cornwall ON K6H 3P1
Telephone: (613) 933-7402
Fax: (613) 933-6402

Ministère de
l'Environnement

113 rue Amelia
Cornwall ON K6H 3P1
Téléphone: (613)933-7402
Télécopieur: (613)933-6402



November 15, 1999



Mr. Howard F. Smith, Clerk Administrator
North Dundas Township
P.O. Box 489
547 St. Lawrence Street
Winchester, ON K0C 2K0

Dear Sir:

Re: Compliance Inspection Report - Chesterville Water Treatment Plant

The above-mentioned Communal Drinking Water facility was inspected by Jeff Columbus, of this office, on June 29, 1999.

A copy of the report is provided. Your attention is directed to the "Action Required" section of the report. Please provide a response by December 15, 1999.

Should you have any questions pertaining to the report, please do not hesitate to contact Jeff Columbus at extension 223.

Yours truly,

A handwritten signature in cursive script that reads "R.J. Robertson".

R.J. Robertson
Area Supervisor

RD:sp
Enclosure

c. Eastern Ontario Health Unit
Ontario Clean Water Agency

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