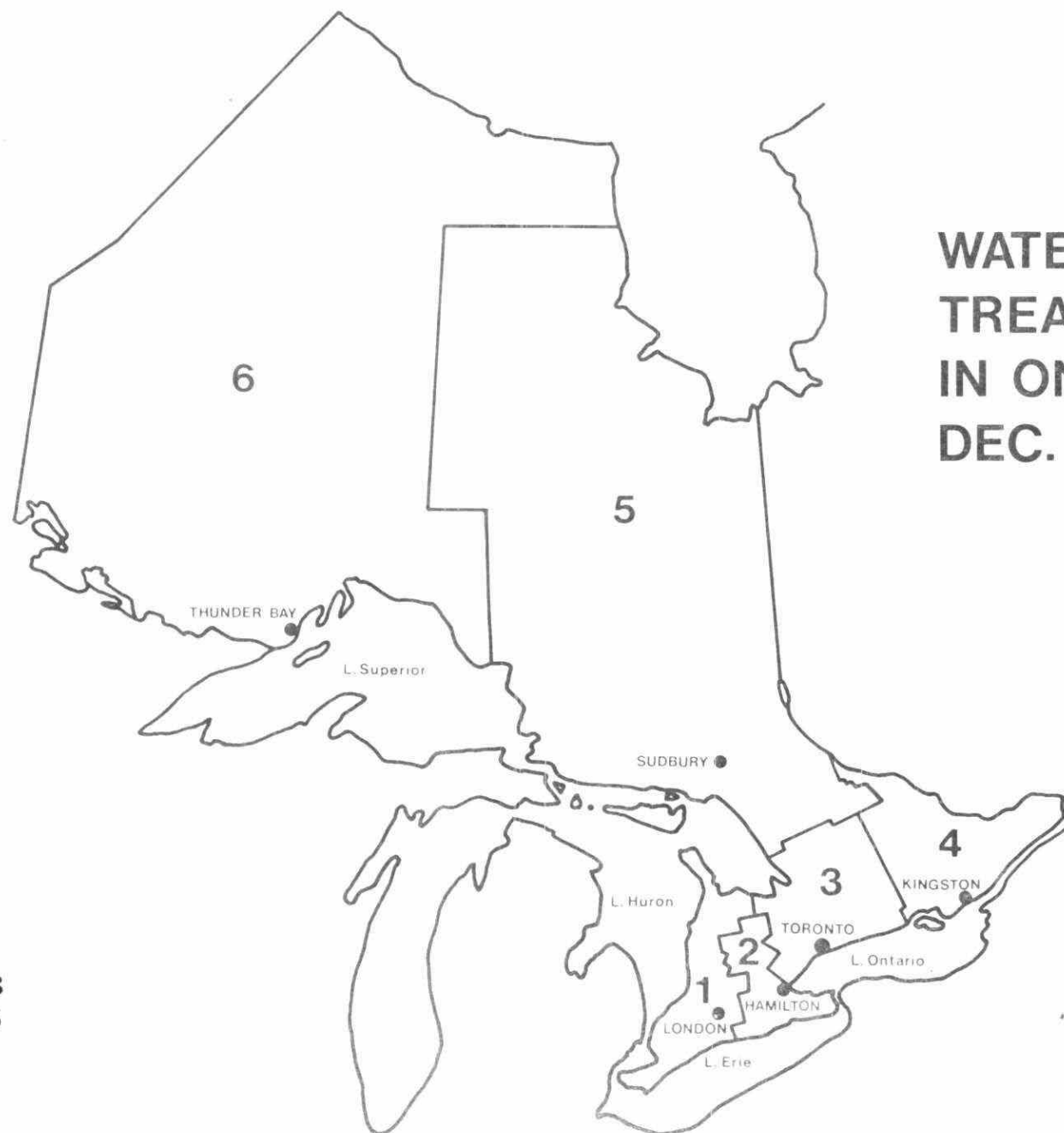




Ministry
of the
Environment

Hon. George A. Kemp, Q.C.
Minister
Everett Blais
Deputy Minister

WATER AND SEWAGE TREATMENT WORKS IN ONTARIO DEC. 31, 1975



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135 St. Clair Ave. W.
Toronto, Ontario
M4V 1P5

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Ontario

Water and Sewage Treatment Plants in Ontario

Dec. 31, 1975

prepared by: Municipal and Private Section
Pollution Control Branch

416/965-1655

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INTRODUCTION

The Ontario Ministry of the Environment is concerned with the overall protection of the natural environment and to meet this objective one of its goals is to improve the management of waste and water. In this regard the Ministry inspects all communal water and sewage works facilities and monitors the treatment process with regular sampling programs. The delivery of programs and services is carried out on a Regional basis and we have listed the treatment works by region. Sewage treatment works are shown in Part I, water treatment works are shown in Part II and each part begins with a description of the various treatment methods, followed by a summary of the entire Province.

Locations and phone numbers of the various Ministry offices are shown on the map page of each region, and we would ask that you direct your inquiries regarding specific treatment facilities to the office nearest you.

The Municipal and Private Section of the Pollution Control Branch is concerned with assessing the effectiveness of municipal sewage and water supply and has produced this general information publication from its central data records and information systems serving all Branches and Regions of the Ministry. Information concerning this report may be obtained from the Municipal and Private Section, at 135 St. Clair Avenue, West, (965-1655).

PART I - SEWAGE TREATMENT

The release of untreated sanitary wastes to a water course, particularly in the immediate discharge area, renders the watercourse unusable for practically all purposes. This condition is offensive, a threat to public health and disruptive to plant and animal life cycles; consequently, the adequate treatment of wastes to produce a satisfactory effluent for discharge to a watercourse is a major concern of this Ministry. The use of water for the assimilation and dilution of treated wastes must take into consideration the many uses to which it may be put, such as, public, agricultural and industrial supply, recreation, aesthetic enjoyment and the propagation of fish and wildlife. It is important to note that the water resources of Ontario must meet many needs, some of which are in conflict; consequently, guidelines and criteria for water quality have been created. For each use of water there are certain water quality characteristics, which are identified as criteria and a full discussion of these are contained in a booklet entitled, "Guidelines and Criteria for Water Quality Management in Ontario". Copies may be obtained from the offices of the Ministry of the Environment. There are many types of sewage treatment processes for domestic or sanitary wastes but the major treatment methods are only variations of the principles which nature uses to purify a river or other body of water. Basically the more essential factors such as sedimentation and the biological breakdown of wastes are speeded up in the treatment plant, with the end result being a quality product which places a minimum amount of strain on the environment. Recently, a chemical method of treatment to reduce the phosphorus content of the effluent has been adapted to the various treatment types and this is seen to be a key factor in controlling nuisance algae growth in a water course.

PRIMARY TREATMENT

The mechanics of settling are employed to remove the heavier particles, grease and scum. The material (sludge) which has finally settled is removed to a digester or other treatment facility where it is processed or dewatered before final disposal. While the effluent produced is of a lower standard of quality than is achieved in secondary treatment, the reduction of organic material and suspended solids is significant, ranging from 30 to 50 percent for organic material and from 40 to 70 percent for suspended solids. This form of treatment is used only when it will meet the water quality requirements of the watercourse.

CONVENTIONAL SECONDARY

Complete biological treatment is achieved through the "activated sludge process". In this process, the effluent from primary treatment is transferred to an aeration section where it is thoroughly mixed by the introduction of air. The air provides sufficient oxygen and contact through agitation for the growth of a mixed biological community of micro-organisms. This mixed biological system uses organic matter and an activated sludge is produced which becomes the vehicle and means for maintaining the process. An optimum balance between the incoming food, (primary effluent) and the population of the mixed biological community is ensured by returning a portion of the activated sludge to the beginning of the aeration section. Excess liquid and activated sludge is directed along with primary sludge to

digesters where it receives further treatment. A clear high quality effluent is produced and the removal of organic material and suspended solids ranges from 90 to 95 percent.

EXTENDED AERATION AND CONTACT STABILIZATION

The incoming wastes are immediately placed in an aeration section without primary settling. Extended aeration, as stated in the title, is employed on the raw wastes and an activated sludge is produced.

As with the conventional secondary, a high level of biological activity is maintained throughout the aeration tank by returning some of the activated sludge to the raw sewage influent. The excess liquids and activated sludge are placed in a digester where further biological breakdown occurs.

Contact stabilization provides for reaeration of the return activated sludge from a final settling chamber and this has the advantage of a smaller aeration tank with no loss of treatment efficiency.

The suspended solids and organic material removed ranges from 85 to 95 percent.

TRICKLING FILTER

After primary treatment the effluent is sprayed on a filter bed of crushed rock or other media which has a large surface area upon which biological growth occurs. As the waste water is fed through

the filter, the micro-organisms assimilate the organic material. Oxygen required by the micro-organisms is supplied by the atmosphere. The filtered waste water is collected and directed to a settling tank before final disposal. Organic material and suspended solids removal by this process has been reported from 75 to 90 percent. Trickling filters have generally been employed in the more temperate climates.

LAGOONS, AERATED CELL OR LAGOON

A lagoon is a flat bottomed structure composed of earth dikes and sized to retain the waste water for a designated period of time. The lagoon employs many complex systems working together such as the bacterial conversion of organic matter into available plant food which promotes the growth of algae, one of the simplest forms of plant life. The life cycles and by products of algae and bacteria are complementary in that the bacteria, with sufficient food (wastes), grow and give off carbon dioxide, which is taken in by the algae. The algae with the aid of sunlight produces oxygen which is required to maintain good bacterial activity on the incoming wastes. During the retention period these natural processes break down or effectively stabilize the wastes. The efficiency of these processes are dependant on several factors such as liquid depth, temperature, algae growth, waste characteristics, etc., and when conditions are at an optimum then a good quality effluent may be expected. Some lagoons, or waste stabilization ponds may be aerated, by either mechanical stirring or the bubbling of air into one small cell (aerated cell) or throughout the entire lagoon (aerated lagoon). Aeration reduces the retention period and is useful in treating some industrial wastes. Eighty to 85 per cent removal of organic material and suspended solids may be expected.

Southwestern Region

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REGIONAL OFFICE

LONDON

985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor

3012 Tecumseh Rd. E.
519-945-2339

Sarnia

242A Indian Rd. S.
519-336-4030

Owen Sound

220 11th St. E.
519-371-2901

Southwestern Region



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519-336-4030

Owen Sound
220 11th St. E.
519-371-2901

SOUTHWESTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
PRIMARY	6	38,620
CONVENTIONAL SECONDARY	17	65,650
CONTACT STABILIZATION	1	400
EXTENDED AERATION	4	778
HIGH RATE	1	860
AERATED LAGOON	1	220
CONVENTIONAL LAGOON CONTINUOUS	9	2,695
CONVENTIONAL LAGOON SEASONAL	25	7,017
AERATED CELL PLUS LAGOON	1	44
OXIDATION DITCH	3	1,545
AERATED CELL	1	290
TOTAL MINISTRY OPERATED WORKS	47	31,657
TOTAL MUNICIPALLY OPERATED WORKS	22	86,462
TOTAL TREATMENT WORKS	<u>69</u>	<u>118,119</u>

SOUTHWESTERN REGION

<u>MUNICIPALITY</u>	<u>TREATMENT TYPE</u>	<u>CAPACITY</u>	<u>WATERCOURSE</u>	<u>* OPERATED BY</u>
				* 1-Ministry 2-Municipality
AMHERSTBURG MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	1.000	DETROIT RIVER	2
AYLMER ALYMER LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.720	CATFISH CREEK	1
CHATHAM CHATHAM WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.500	THAMES RIVER	1
CHESLEY CHESLEY LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.170	SAUGEEN RIVER	1
CLINTON MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.400	BAYFIELD RIVER	2
DUINDALK MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.160	FOLEY DRAIN TO GRAND R.	1
DURHAM DURHAM AERATED CFL TOWN	AERATED CELL	.290	SAUGEEN RIVER	1
DUTTON DUTTON LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.100	LAKE ERIE	1
EAST ZORRA-TAVISTOCK TAVISTOCK LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.170	THAMES RIVER	1
ENNISKILLEN OTL CITY LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.054	BLACK CREEK	1
ESSEX ESSEX LAGOON 2 TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.360	CANARD RIVER	1
ESSEX ESSEX LAGOON 1 TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.240	PUCE RIVER DRAIN	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
EXETER EXETER LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.220	AUSABLE RIVER	1
FOREST FOREST LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.400	HICKORY CREEK	1
GLENCOE GLENCOE LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.210	NEWBIGGEN CREEK	1
GODERICH MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	1.000	LAKE HURON	2
HANOVER MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	.800	SAUGEEN RIVER	2
INGERSOLL INGERSOLL WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.250	THAMES RIVER	1
KINCARDINE KINCARDINE LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.320	PENETAGORE RIVER	1
KINGSVILLE MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.430	WIGLE CREEK	2
LEAMINGTON MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	2.050	LAKE ERIE	2
LISTOWEL LISTOWEL LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL AERATED CELL PHOSPHORUS REMOVAL	.690	CHAPMAN DRAIN	1
LONDON ADELAIDE PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	THAMES RIVER	2
LONDON GREENWAY PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	18.300	THAMES RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
LONDON OXFORD PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1,200	THAMES RIVER	2
LONDON VAUXHALL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3,500	THAMES RIVER	2
LONDON POTTERSBUURG PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4,000	THAMES RIVER	2
LUCAN LUCAN LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.110	AUSABLE RIVER	1
MARKDALE MARKDALE LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	.140	ROCKY SAUGREEN RIVER	1
MEAFORD MEAFORD WPCP TOWN	HIGH RATE	.860	GEORGIAN BAY	1
MILVERTON MILVERTON LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	.060	BOYLE DRAIN	1
MITCHELL MITCHELL LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.670	THAMES RIVER	1
MOORE COURTRIGHT PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.150	ST CLAIR RIVER	1
MOORE TWP CARLINA POLICE VILLAGE PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.320	ST. CLAIR RIVER	1
NORWICH NORWICH LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.153	HIG OTTER CREEK	1
OWEN SOUND OWEN SOUND WPCP CITY	PRIMARY PHOSPHORUS REMOVAL	3,000	GEORGIAN BAY	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PAISLEY PAISLEY STP VILLAGE	OXIDATION DITCH	.155	SAUGEEN R	1
PETROLIA PETROLIA LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.320	BEAR CREEK	1
POINT EDWARD POINT EDWARD WPCP VILLAGE	PRIMARY PHOSPHORUS REMOVAL	.570	ST. CLAIR RIVER	1
PORT ELGIN MUNICIPAL PLANT TOWN	OXIDATION DITCH	.720	SAUGEEN RIVER	2
PORT STANLEY PORT STANLEY LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.400	DITCH TO KETTLE CREEK	1
RIDGETOWN MUNICIPAL LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.395	GAWNE DR TO MCGREGOR CK	1
RODNEY MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.160	SIXTEEN MILE CK.	1
SARNIA MUNICIPAL PLANT CITY	PRIMARY PHOSPHORUS REMOVAL	8.000	ST. CLAIR RIVER	2
SEAFORTH SEAFORTH LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.300	CRESSWELL CREEK	1
SOMEREA SOMEREA PV LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.280	ST. CLAIR RIVER	1
SOMEREA PORT LAMBTON PV LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.320	MARSHY CK. TO ST. CLAIR R.	1
SOUTHAMPTON MUNICIPAL PLANT TOWN	OXIDATION DITCH	.670	SAUGEEN R.	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
ST MARY'S ST MARYS WPCP SEPARATED TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.800	THAMES RIVER	1
ST THOMAS MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.500	KETTLE CREEK	2
ST. EDMUNDS TORERMORY AREA LAGOON TOWNSHIP	AERATED CELL PLUS LAGOON	.044		2
STRATFORD STRATFORD WPCP CITY	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	6.000	AVON RIVER	1
STRATHROY MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.600	SYDENHAM PLANT	2
THORNBURY THORNBURY LAGOON TOWN	AERATED LAGOON	.220	GEORGIAN BAY	1
TILBURY MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.360	TILBURY CREEK	2
TILBURY WEST COMBER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.120	GOVNT DR NO.1 TO BIG CK	1
TILLSONBURG TILLSONBURG WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.800	BIG OTTER CREEK	1
WALKERTON MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	1.000	SAUGEEN RIVER	2
WALLACEBURG WALLACEBURG WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.500	SYDENHAM RIVER	1
WATFORD MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.300	BEAR CREEK	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
WEST LORNE WEST LORNE LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.200	ZOLLER DRAIN	1
WESTMINSTER SOUTHLAND PARK PLANT LAMBETH TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.058	DINGMAN CREEK	2
WESTMINSTER TWP MUNICIPAL PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.250	DINGMAN CREEK	1
WIARTON WIARTON LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.150	COLPOY BAY	1
WINDSOR WESTERLY PLANT CITY	PRIMARY PHOSPHORUS REMOVAL	24.000	DETROIT RIVER	2
WINDSOR LITTLE RIVER PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8.000	LITTLE RIVER	2
WINGHAM WINGHAM LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS	.300	MAITLAND RIVER	1
WOODSTOCK MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.500	THAMES RIVER	2
ZURICH MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL	.130	MUN DRAIN TO L. HURON	1

West Central Region

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REGIONAL OFFICE

STONE CREEK

140 Centennial Pkwy. N.
416-561-7410

DISTRICT OFFICES

Welland

637-641 Niagara St. N.
416-735-0431

Cambridge

400 Clyde Road
P.O. Box 219
519-623-2080

West Central Region



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140 Centennial Pkwy. N.

416-561-7410

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416-735-0431

Cambridge

400 Clyde Road

P.O. Box 219

519-623-2080

WEST CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
PRIMARY	4	24,883
CONVENTIONAL SECONDARY	26	146,612
MODIFIED SECONDARY	2	2,000
EXTENDED AERATION	4	983
TRICKLING FILTER	2	336
HIGH RATE	2	2,250
AERATED LAGOON	1	250
CONVENTIONAL LAGOON CONTINUOUS	2	470
CONVENTIONAL LAGOON SEASONAL	7	1,657
OXIDATION DITCH	2	450
TOTAL MINISTRY OPERATED WORKS	27	56,709
TOTAL MUNICIPALLY OPERATED WORKS	25	123,182
TOTAL TREATMENT WORKS	<u>52</u>	<u>179,891</u>

WEST CENTRAL REGION

<u>MUNICIPALITY</u>	<u>TREATMENT TYPE</u>	<u>CAPACITY</u>	<u>WATERCOURSE</u>	<u>* OPERATED BY</u>
				* 1-Ministry 2-Municipality
ARTHUR AURTHUR LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.293	CONESTOGA R.	1
BRANTFORD BRANTFORD WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	12,500	GRAND RIVER	1
CAMBRIDGE GALT WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8,500	GRAND RIVER	1
CAMBRIDGE PRESTON WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3,700	GRAND RIVER	1
CAMBRIDGE HESPELER WPCP CITY	HIGH RATE PHOSPHORUS REMOVAL	2,000	SPEED RIVER	1
DELHI DELHI PLANT TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.700	BIG CREEK	2
DUNDAS MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	2,000	DESJARDINS CANAL	2
DUNNVILLE MUNICIPAL PLANT TOWN	MODIFIED SECONDARY PHOSPHORUS REMOVAL	1,700	GRAND RIVER	2
FLORA ELORA WPCP VILLAGE	EXTENDED AERATION PHOSPHORUS REMOVAL	.080	GRAND RIVER	1
FERGUS FERGUS WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.600	GRAND RIVER	1
FLAMBOROUGH WATERDOWN WPCP TOWNSHIP	CONVENTIONAL SECONDARY	.300	GRINDSTONE CREEK	1
FORT ERIE MUNICIPAL PLANT TOWN	PRIMARY	1,800	NIAGARA RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
FORT ERIE CRYSTAL REACH PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.855	LAKE ERIE	2
GRAND VALLEY GRAND VALLEY WPCP VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	.250	GRAND RIVER	1
GRIMSBY MAIN PLANT TOWN	MODIFTED SECONDARY	.300	FORTY MILE CREEK	2
GRIMSBY BEACH PLANT TOWN	TRICKLING FILTER	.048	LAKE ONTARIO	2
GRIMSBY WEST END PLANT TOWN	AERATED LAGOON	.250	LAKE ONTARIO	2
GUELPH MUNICIPAL PLANT THREE CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.000	SPEED RIVER	2
GUELPH MUNICIPAL PLANT TWO CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.000	SPEED RIVER	2
GUELPH MUNICIPAL PLANT ONE CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	SPEED RIVER	2
HALDIMAND CALEDONIA PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.500	GRAND RIVER	2
HALDIMAND CAYUGA WPCP TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	.200	GRAND RIVER	1
HALDIMAND HAGERSVILLE WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.200	SANDUSK CREEK	1
HAMILTON MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY	60.000	HAMILTON HARBOUR	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
HARRISTON HARRISTON LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.280	MAITLAND RIVER	1
KITCHENER KITCHENER WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	13.500	GRAND RIVER	1
LINCOLN BEAMSVILLE PLANT TOWN	TRICKLING FILTER	.288	LAKE ONTARIO	2
MOUNT FOREST MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.207	SAUGEEN RIVER	2
NANTICOKE JARVIS PLANT CITY	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.120	SANDUSK CREEK	2
NANTICOKE WATERFORD LAGOON CITY	CONVENTIONAL LAGOON CONTINUOUS AERATED CELL PHOSPHORUS REMOVAL	.150	NANTICOKE CREEK	1
NANTICOKE PORT DOVER WPCP CITY	PRIMARY PHOSPHORUS REMOVAL	2.083	LAKE ERIE	1
NIAGARA FALLS STAMFORD PLANT CITY	PRIMARY	10.000	CHIPPAWA POWER CANAL	2
NIAGARA FALLS CHIPPAWA PLANT CITY	CONVENTIONAL SECONDARY	.300	WELLAND RIVER	2
NIAGARA ON THE LAKE MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON CONTINUOUS	.320	LAKE ONTARIO	2
NORFOLK PORT ROWAN LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.210	DEDRICH CREEK	1
ORANGEVILLE ORANGEVILLE WPCP TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING	1.500	CREDIT RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PALMERSTON PALMERSTON WPCP TOWN	HIGH RATE	.250	WALLACE DRAIN	1
PARIS PARIS WPCP TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	.500	GRAND RIVER	1
PORT COLBORNE EAST PLANT CITY	CONVENTIONAL SECONDARY	.850	WELLAND CANAL	2
PORT COLBORNE WEST PLANT CITY	CONVENTIONAL SECONDARY	1.350	WELLAND CANAL	2
SHELBURNE SHELBURNE LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.130	BOYNE RIVER	1
SIMCOE SIMCOE WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	LYNN RIVER	1
ST CATHARINES PORT DALHOUSIE PLANT CITY	PRIMARY	11.000	LAKE ONTARIO	2
ST CATHARINES PORT WELLER PLANT CITY	CONVENTIONAL SECONDARY	8.250	PORT WELLER HARBOUR	2
WATERLOO WATERLOO WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	6.000	GRAND RIVER	1
WELLAND MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY	12.000	WELLAND RIVER	2
WELLESLEY WELLESLEY PLANT TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.120	NITH RIVER	1
WEST LINCOLN SMITHVILLE PLANT TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.344	TWENTY MILE CREEK	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
WILMOT RADEN PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.203	BADEN CREEK	1
WILMOT NEW HAMBURG LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.280	NITH RIVER	1
WOOLWICH ELMIRA WPCP TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.680	CANAGAGIGUE CREEK	1
WOOLWICH TWP ST JACOB'S POLICE VILLAGE PLANT TOWNSHIP	OXIDATION DITCH PHOSPHORUS REMOVAL	.200	CONESTOGO RIVER	1

Central Region

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REGIONAL OFFICE

DON MILLS

150 Ferrand Dr.

416-424-3000

DISTRICT OFFICES

Barrie

12 Fairview Rd.

705-726-1730

Muskoka – Haliburton

Gravenhurst Shopping
Centre

705-687-3408

Peterborough

139 George St. N.

705-743-2972

Halton – Peel

125 Cross Ave. Oakville

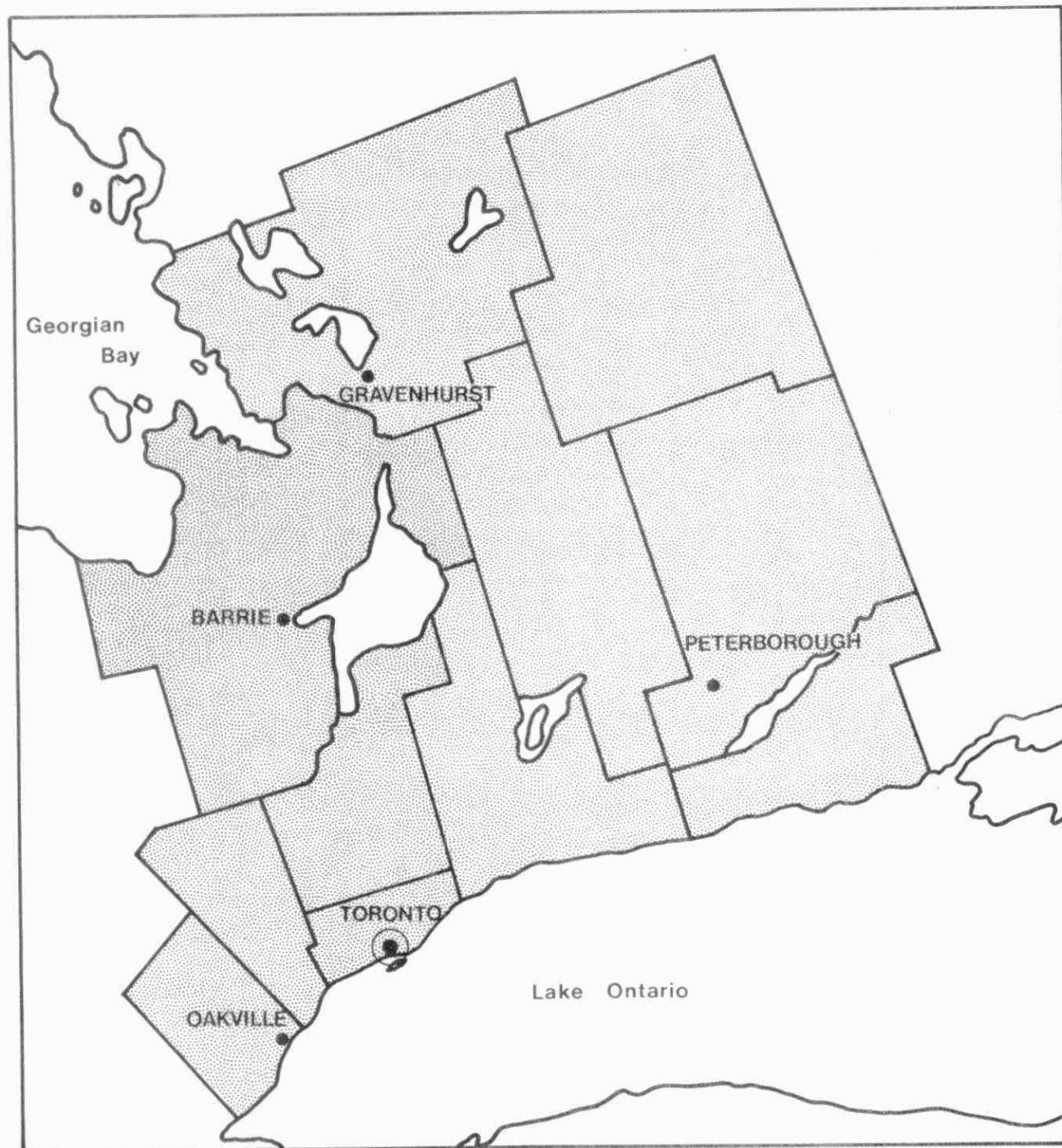
416-822-2566

Central Region



Ministry
of the
Environment

Ontario



REGIONAL OFFICE

DON MILLS

150 Ferrand Dr.
416-424-3000

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12 Fairview Rd.
705-726-1730

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Peterborough
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125 Cross Ave. Oakville
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CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
PRIMARY	2	5.450
CONVENTIONAL SECONDARY	34	390.065
MODIFIED SECONDARY	1	2.000
CONTACT STABILIZATION	4	2.170
EXTENDED AERATION	5	18.450
TRICKLING FILTER	3	8.475
HIGH RATE	3	3.600
CONVENTIONAL LAGOON CONTINUOUS	6	920
CONVENTIONAL LAGOON SEASONAL	10	3.086
OXIDATION DITCH	3	613
TOTAL MINISTRY OPERATED WORKS	36	87.739
TOTAL MUNICIPALLY OPERATED WORKS	35	347.090
TOTAL TREATMENT WORKS	<u>71</u>	<u>434.829</u>

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
AJAX MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	2,500	DUFFIN CREEK	2
AJAX PICKERING WPCP TOWN	CONVENTIONAL SECONDARY	.400	DUFFIN CREEK	1
ALLISTON ALLISTON WPCP TOWN	HIGH RATE	.800	BOYNE RIVER	1
AURORA MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1,830	AURORA CREEK	2
BARRIE MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3,000	KEMPENFELT BAY	2
BEETON BEETON LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.150	BEETON CREEK	1
BICROFT CARDIFF PLANT IMPROVEMENT DISTRICT	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.100	MINK CREEK	2
BRACEBRIDGE BRACEBRIDGE TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.320	MUSKOKA RIVER	1
BRADFORD BRADFORD WPCP TOWN	HIGH RATE CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.800	SCHOMBERG RIVER	1
BRIGHTON BRIGHTON LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.136	BUTLER CREEK	1
BROCK BEAVERTON LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.280	LAKE SIMCOE	1
BROCK CANNINGTON LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.140	BEAVERTON RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
BURLINGTON BURLINGTON SKYWAY WPCP CITY	EXTENDED AERATION	8.000	HAMILTON BAY	1
BURLINGTON BURLINGTON ELIZABETH GARDENS WPCP CITY	CONVENTIONAL SECONDARY	.750	LAKE ONTARIO	1
BURLINGTON BURLINGTON DRURY LANE WPCP CITY	CONVENTIONAL SECONDARY	2.500	LAKE ONTARIO	1
CALEDON BOLTON PLANT TOWN	CONVENTIONAL SECONDARY	.500	HUMBER RIVER	2
CAMPBELLFORD CAMPBELLFORD WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.000	TRENT RIVER	1
COBOURG MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	3.530	COBOURG BROOK	2
COLBORNE MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	.080	COLBORNE CREEK	2
COLDWATER MUNICIPAL PLANT VILLAGE	EXTENDED AERATION	.120	COLDWATER RIVER	1
COLLINGWOOD MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	4.200	GEORGIAN BAY	2
DYSART ET AL HALIBURTON PLANT TOWNSHIP	CONTACT STABILIZATION EFFLUENT POLISHING PHOSPHORUS REMOVAL	.210	DRAG RIVER (GRASS LAKE)	1
ELMVALE ELMVALE LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	.140	WYE RIVER	1
ETOBICOKE HUMBER PLANT BOROUGH	CONVENTIONAL SECONDARY	75.000	LAKE ONTARIO	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
FENELON FALLS MUNICIPAL PLANT VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	.220	STURGFON LAKE	1
GEORGINA TWP SUTTON LAGOON TOWNSHIP	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.160	BLACK CREEK	1
GRAVENHURST MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.450	MUSKOKA LAKE	2
HALTON HILLS ACTON PLANT TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING	.625	BLACK CREEK	2
HALTON HILLS GEORGETOWN WPCP TOWN	CONVENTIONAL SECONDARY	1.500	SILVER CREEK	1
HASTINGS HASTINGS STP VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	.233	TRENT RIVER	1
HAVELOCK MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.160	PLATO CREEK	1
HUNTSVILLE HUNTSVILLE WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.250	MUSKOKA RIVER	1
LAKEFIELD MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.240	OTONABEE RIVER	1
LINDSAY LINDSAY LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.110	SCUGOG RIVER	1
MARKHAM MARKHAM WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.000	ROUGE RIVER	1
MARKHAM THORN HILL PLANT (JOHN STREET PLANT) TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING	.750	EAST DON RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
MARKHAM UNIONVILLE PLANT TOWN	CONVENTIONAL SECONDARY CONVENTIONAL LAGOON CONTINUOUS EFFLUENT POLISHING	.400	ROUGE RIVER	2
MIDLAND MIDLAND WPCP TOWN	PRIMARY PHOSPHORUS REMOVAL	1.250	MIDLAND BAY	1
MILTON MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.600	OAKVILLE CREEK	2
MISSISSAUGA CLARKSON WPCP CITY	EXTENDED AERATION	10.000	LAKE ONTARIO	1
MISSISSAUGA MALTON WPCP CITY	CONVENTIONAL SECONDARY	.750	MIMICO CREEK	1
MISSISSAUGA LAKEVIEW WPCP CITY	CONVENTIONAL SECONDARY	50.000	LAKE ONTARIO	1
MUSKOKA LAKES BALA PLANT TOWNSHIP	COMMUNAL SEPTIC TANK PHOSPHORUS REMOVAL	.030	LONG LAKE	2
NEWCASTLE MUNICIPAL PLANT TOWN	EXTENDED AERATION	.280	LAKE ONTARIO	1
NEWCASTLE BOWMANVILLE PLANT TWO TOWN	TRICKLING FILTER	.500	BOWMANVILLE CREEK	2
NEWCASTLE BOWMANVILLE PLANT ONE TOWN	CONVENTIONAL SECONDARY	1.000	BOWMANVILLE CREEK	2
NEWMARKET NEWMARKET/EAST GWILLIMBURY WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	HOLLAND RIVER	1
NORWOOD NORWOOD OXIDATION DITCH VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	.160	DOUSE RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
OAKVILLE TRAFALGAR PLANT TOWN	CONVENTIONAL SECONDARY	6,500	LAKE ONTARIO	2
OAKVILLE EAST END PLANT TOWN	CONVENTIONAL SECONDARY	2,000	LAKE ONTARIO	2
OMEMEE MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.200	PIGEON RIVER	1
ORILLIA MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4,000	LAKE SIMCOE	2
OSHAWA MUNICIPAL PLANT CITY	TRICKLING FILTER	7,500	HARMONY CREEK	2
PENETANGUISHENE MUNICIPAL PLANT TOWN	CONTACT STABILIZATION PHOSPHORUS REMOVAL	.330	PENETANG BAY	2
PETERBOROUGH MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	12,000	OTONABEE RIVER	2
PICKERING MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	2,500	LAKE ONTARIO	2
PORT HOPE MUNICIPAL PLANT TOWN	HIGH RATE	2,000	LAKE ONTARIO	2
PORT MCNICOLL MUNICIPAL PLANT VILLAGE	CONTACT STABILIZATION PHOSPHORUS REMOVAL	.230	GEORGIAN BAY	1
RICHMOND HILL NORTH DON PLANT TOWN	CONTACT STABILIZATION PHOSPHORUS REMOVAL EFFLUENT POLISHING	1,400	LITTLE DON RIVER	2
RICHMOND HILL RICHMOND HILL WPCP (PIGSLEY WPCP) TOWN	CONVENTIONAL SECONDARY	1,600	GERMAN MILLS CREEK	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
SCARBOROUGH HIGHLAND CREEK PLANT BOROUGH	CONVENTIONAL SECONDARY	16.000	HIGHLAND CREEK	2
SCUGOG PORT PERRY LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.450	LAKE SCUGOG	1
STAYNER STAYNER LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS AERATED CELL	.200	LAMONT CREEK	1
TORONTO MAIN PLANT CITY	CONVENTIONAL SECONDARY	180.000	LAKE ONTARIO	2
TOTTENHAM MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	.140	BEETON CREEK	2
UXBRIDGE UXBRIDGE PLANT TOWNSHIP	TRICKLING FILTER PHOSPHORUS REMOVAL	.475	PEPPERLAW CREEK	2
VAUGHAN WEST DON PLANT TOWN	CONVENTIONAL SECONDARY OTHER	.330	DON RIVER	2
VAUGHAN KLEINBERG PLANT TOWN	EXTENDED AERATION	.050	HUMBER RIVER	2
WHITBY MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	3.250	PRINGLE CREEK	2
WHITBY CORBETT CREEK PLANT TOWN	MODIFIED SECONDARY	2.000	LAKE ONTARIO	2
WHITCHURCH - STOUFFVILLE STOUFFVILLE PLANT TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING	.550	DUFFIN CREEK	2
YORK EAST NORTH TORONTO PLANT BOROUGH	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	10.000	DON RIVER	2

Southeastern Region

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REGIONAL OFFICE

KINGSTON

**133 Dalton St.
613-549-4000**

DISTRICT OFFICES

Belleville

**15 Victoria Ave.
613-962-9208**

Cornwall

**408 Pitt St.
613-933-7402**

Ottawa

**2378 Holly Lane
613-521-3450**

Pembroke

**1000 MacKay St.
P.O. Box 67
613-732-3643**

Southeastern Region

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Ministry
of the
Environment

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133 Dalton St.
613-549-4000

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408 Pitt St.
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Ottawa
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613-521-3450

Pembroke
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P.O. Box 67
613-732-3643



SOUTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)</u>
PRIMARY	19	122,730
CONVENTIONAL SECONDARY	6	19,268
CONTACT STABILIZATION	1	540
EXTENDED AERATION	9	1,652
TRICKLING FILTER	1	120
HIGH RATE	1	1,200
CONVENTIONAL LAGOON CONTINUOUS	2	956
CONVENTIONAL LAGOON SEASONAL	13	4,706
TOTAL MINISTRY OPERATED WORKS	31	28,599
TOTAL MUNICIPALLY OPERATED WORKS	21	122,573
TOTAL TREATMENT WORKS	<u>52</u>	<u>151,172</u>

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
ALEXANDRIA ALEXANDRIA LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.424	DELTISLE R	1
ALFRED ALFRED LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.422	AZITAKA CREEK	1
ALMONTE ALMONTE LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL AERATED CELL	1.500	MISSISSIPPI RIVER	1
ARNPRIOR MUNICIPAL PLANT TOWN	PRIMARY	1.500	MADAWASKA RIVER	2
BANCROFT BANCROFT VILLAGE	EXTENDED AERATION	.260	YORK RIVER	1
BARRY'S BAY BARRY'S BAY STP VILLAGE	EXTENDED AERATION EFFLUENT POLISHING	.270	KAMANISKEG LAKE	1
BATH MUNICIPAL PLANT VILLAGE	CONVENTIONAL SECONDARY	.423	LAKE ONTARIO	2
BELLEVILLE BELLEVILLE WPCP CITY	CONVENTIONAL SECONDARY	8.000	BAY OF QUINTE	1
BROCKVILLE MUNICIPAL PLANT CITY	PRIMARY	3.750	ST LAWRENCE RIVER	2
CARDINAL SOUTH TANK VILLAGE	COMMUNAL SEPTIC TANK	.080	ST LAWRENCE RIVER	2
CARDINAL NORTH TANK VILLAGE	COMMUNAL SEPTIC TANK	.080	ST LAWRENCE RIVER	2
CARLETON PLACE CARLETON PLACE WPCP TOWN	HIGH RATE	1.200	MISSISSIPPI RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
CHALK RIVER MUNICIPAL PLANT VILLAGE	EXTENDED AERATION	.120	DUCK CR TO DUCK LAKE	1
CHESTERVILLE CHESTERVILLE LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.140	SOUTH NATION RIVER	1
COBDEN MUNICIPAL PLANT VILLAGE	PRIMARY	.200	MUSKRAT RIVER	2
CORNWALL LONG SAULT PLANT TOWNSHIP	CONVENTIONAL SECONDARY	.300	ST. LAWRENCE R	2
CORNWALL CORNWALL WPCP CITY	PRIMARY	8,250	ST. LAWRENCE R.	1
CUMBERLAND BILBERRY CREEK PLANT TOWNSHIP	PRIMARY	.800	OTTAWA RIVER	2
DEEP RIVER MUNICIPAL PLANT TOWN	PRIMARY	.480	OTTAWA RIVER	2
DELOORO MUNICIPAL PLANT VILLAGE	COMMUNAL SEPTIC TANK	.008	MOIRA RIVER	2
DESERONTO DESERONTO WPCP TOWN	EXTENDED AERATION	.300	BAY OF QUINTE	1
EGANVILLE EGANVILLE WPCP VILLAGE	EXTENDED AERATION	.170	BONNECHERE RIVER	1
ERNESTOWN AMHERSTVIEW LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.440	LAKE ONTARIO	1
FRANKFORD FRANKFORD WPCP VILLAGE	TRICKLING FILTER PHOSPHORUS REMOVAL	.120	TRENT RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
GANANOQUE GANANOQUE LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.700	STOCKING CR GANANOQUE R	1
GOULBOURN RICHMOND LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.100	JOCK RIVER	1
IROQUOIS MUNICIPAL PLANT VILLAGE	PRIMARY	.500	ST. LAWRENCE RIVER	2
KEMPTVILLE MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	.500	KEMPTVILLE CREEK	2
KINGSTON MUNICIPAL PLANT CITY	PRIMARY	13.500	ST LAWRENCE RIVER	2
KINGSTON TWP KINGSTON TWP WPCP TOWNSHIP	CONVENTIONAL SECONDARY	2.420	LAKE ONTARIO	1
L'ORIGNAL MUNICIPAL PLANT VILLAGE	EXTENDED AERATION	.210	OTTAWA RIVER	1
MADOC MADOC LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.300	MOIRA RIVER	1
MARMORA MARMORA STP VILLAGE	EXTENDED AERATION CONTACT STABILIZATION PHOSPHORUS REMOVAL	.191	CROWE R	1
MERRICKVILLE MUNICIPAL PLANT TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	.110		1
MORRISBURG MUNICIPAL PLANT VILLAGE	PRIMARY CONVENTIONAL LAGOON CONTINUOUS	.500	ST. LAWRENCE RIVER	2
NAPANEE MUNICIPAL PLANT TOWN	PRIMARY	.750	NAPANEE RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
NEPEAN WATTS CREEK PLANT TOWNSHIP	CONVENTIONAL SECONDARY	8,000	WATTS CREEK	2
OSNABRUCK INGLESIDE PLANT TOWNSHIP	PRIMARY	.300	ST. LAWRENCE RIVER	2
OTTAWA GREEN CREEK PLANT CITY	PRIMARY	80,000	OTTAWA RIVER	2
PEMBROKE MUNICIPAL PLANT CITY	PRIMARY	2,500	OTTAWA RIVER	2
PERTH MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.830	TAY RIVER	2
PETAWAWA MUNICIPAL PLANT VILLAGE	PRIMARY PHOSPHORUS REMOVAL	2,800	OTTAWA RIVER	2
PICTON MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.540	PICTON BAY	2
PITTSBURGH CANA SURDIVISION PLANT TOWNSHIP	EXTENDED AERATION	.021	CATARAGUI RIVER	1
PLANTAGENET MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.160	SOUTH NATION RIVER	1
PRESCOTT PRESCOTT WPCP TOWN	PRIMARY	1,000	ST. LAWRENCE RIVER	1
RENFREW MUNICIPAL PLANT TOWN	PRIMARY	1,900	BONNECHERE RIVER	2
ROCKLAND ROCKLAND LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.200	OTTAWA RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
SIDNEY TWP BATAWA WPCP TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.125	TRENT RIVER	1
SMITHS FALLS MUNICIPAL PLANT SEPARATED TOWN	PRIMARY PHOSPHORUS REMOVAL	2,500	RIDEAU RIVER	2
STIRLING STIRLING LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.126	RAWDON CREEK	1
TRENTON TRENTON WPCP TOWN	PRIMARY	1,000	BAY OF QUINTE	1
TWEED MUNICIPAL PLANT VILLAGE	COMMUNAL SEPTIC TANK	.177	STOCO LAKE	2
VANKLEEK HILL MUNICIPAL LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.120	LITTLE RIDEAU CREEK	1
WESTPORT MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.080	UPPER RIDEAU LAKE	1
WINCHESTER WINCHESTER LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	.120	CASTOR RIVER	1

Northeastern Region

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REGIONAL OFFICE

SUDBURY

469 Bouchard St.

705-522-8282

DISTRICT OFFICES

North Bay

1500 Fisher St.

705-476-1001

Sault Ste. Marie

445 Albert St. E.

705-949-4640

Timmins

83 Algonquin Blvd. W.

705-264-9474

Parry Sound

74 Church St.

705-746-2139

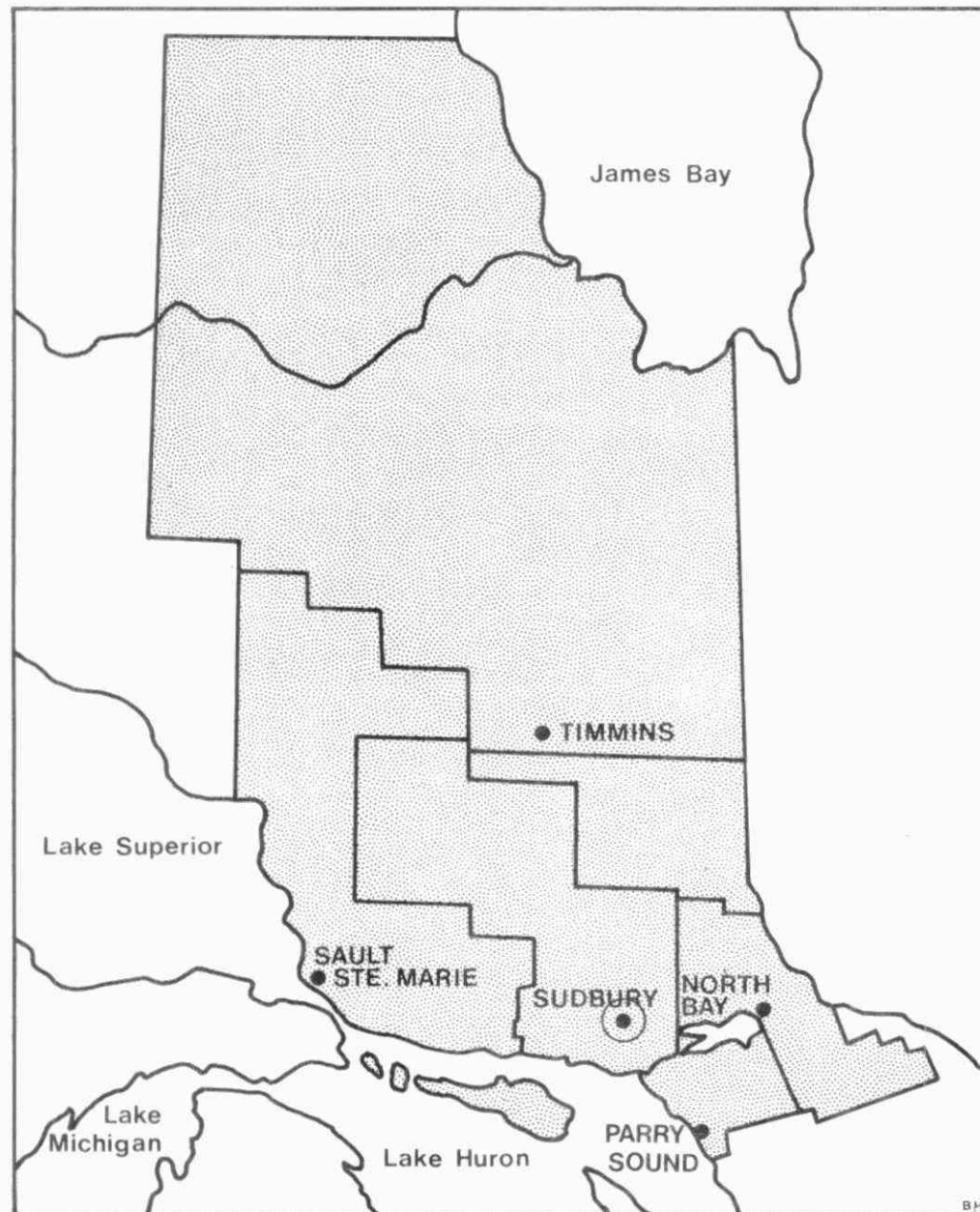
Northeastern Region

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Ministry
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NORTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
PRIMARY	7	17,990
CONVENTIONAL SECONDARY	7	13,951
CONTACT STABILIZATION	2	3,350
EXTENDED AERATION	10	19,125
TRICKLING FILTER	1	100
CONVENTIONAL LAGOON CONTINUOUS	2	97
CONVENTIONAL LAGOON SEASONAL	20	4,610
LAGOON WITH SPRAY	1	100
TOTAL MINISTRY OPERATED WORKS	31	49,100
TOTAL MUNICIPALLY OPERATED WORKS	19	10,223
TOTAL TREATMENT WORKS	<u>50</u>	<u>59,323</u>

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
ARMSTRONG EARLTON PLANT TOWNSHIP	CONVENTIONAL LAGOON CONTINUOUS	.080	EVANTUREL CREEK	2
BLACK RIVER - MATHESON MOLTYRE PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.055	BLACK RIVER	2
BLACK RIVER - MATHESON VAL GAGNE LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.050	CREEK TO BLACK RIVER	2
BLACK RIVER-MATHESON RAMORE HAMLET LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.027	BLACK RIVER	1
BRUCE MINES MUNICIPAL LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.070	L. HURON (ST. JOSEPH CHNL.)	1
BUCKE NORTH COBALT LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.100	FARR CREEK	1
BURKS FALLS MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL	.190	MAGNETAWAN RIVER	1
CALDWELL VERNER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.136	VEUVE R	1
CAPREOL MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON SEASONAL	.340	VERMILION RIVER	2
CHAPLEAU MUNICIPAL PLANT TOWNSHIP	PRIMARY	.400	NEBSKWASHI RIVER	2
COCHRANE MUNICIPAL PLANT TOWN	EXTENDED AERATION EFFLUENT POLISHING	.600	LILLABELLA LAKE	2
ELLIOT LAKE PLANT TWO TOWNSHIP	PRIMARY	1.000	ANGEL LAKE	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
ELLIOT LAKE PLANT ONE TOWNSHIP	CONVENTIONAL SECONDARY	.487	ANGEL LAKE	2
ENGLEHART ENGLEHART LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.200	ENGLEHART RIVER	1
ESPANOLA ESPANOLA WPCP TOWN	PRIMARY	.660	SPANISH RIVER	1
FAUQUIER TWP FAUQUIER TWP LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.060	GROUNDHOG RIVER	1
HAILEYBURY HAILEYBURY WPCP TOWN	CONTACT STABILIZATION	.350	LAKE TIMISKAMING	1
HEARST HEARST LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.620	DITCH TO MATTAWISHKWINA R	1
HIMSWORTH NORTH CALLANDER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.200	DITCH TO CALLANDER BAY	1
KAPUSKASING MUNICIPAL PLANT TOWN	COMMUNAL SEPTIC TANK CONVENTIONAL LAGOON CONTINUOUS	.400	GLOUGH CREEK	2
KIRKLAND LAKE MUNICIPAL PLANT TOWN	CONTACT STABILIZATION PHOSPHORUS REMOVAL	3.000	MURDOCK CREEK	2
LARDER LAKE LARDER LAKE TOWNSITE PLANT TOWNSHIP	PRIMARY	.130	LARDER LAKE	2
LATCHFORD MUNICIPAL PLANT TOWN	EXTENDED AERATION	.075	MONTREAL RIVER	1
LITTLE CURRENT LITTLE CURRENT LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.100	DITCH TO GEORGIAN BAY	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
MATTAWA MATTAWA LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.180	MATTAWA RIVER	1
MCDUGALL NOBEL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.040	GUNCOTTON CREEK	2
MCGARRY VIRGINIATOWN AND KEARNS PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.160	LARDER LAKE	2
MICHIPICOTEN WAWA LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.400	MAGPIE RIVER	1
MOOSONEE MOOSE FACTORY PLANT DEVELOPMENT AREA	EXTENDED AERATION	.055	MOOSE RIVER	2
MOOSONEE MOOSONEE WPCP DEVELOPMENT AREA	EXTENDED AERATION	.075	MOOSE RIVER	1
NEW LISKEARD NEW LISKEARD LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.637	WABI RIVER	1
NICKEL CENTRE FALCONBRIDGE TOWNSITE PLANT TOWN	TRICKLING FILTER	.100	BOUCHER LAKE	2
NICKEL CENTRE CONISTON WPCP TOWN	CONVENTIONAL SECONDARY	.320	CONISTON CREEK	1
NORTH BAY NORTH BAY WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8.000	LAKE NIPISSING	1
ONAPING FALLS ONAPING PLANT TOWN	CONVENTIONAL SECONDARY	.144	SWAMP	2
ONAPING FALLS LEVACK PLANT TOWN	EXTENDED AERATION	.320	ONAPING RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PARRY SOUND PARRY SOUND WPCP TOWN	PRIMARY PHOSPHORUS REMOVAL	.800	MC CURRY LAKE	1
POWASSAN POWASSAN LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.070	GENESEE CREEK	1
RAYSIDE-BALFOUR CHELMSFORD -PLANT ONE TOWN	CONVENTIONAL LAGOON SEASONAL	.300	MCKENZIE CREEK	2
RAYSIDE-BALFOUR AZILDA AREA PLANT TOWN	EXTENDED AERATION	.650	WHITewater LAKE	1
RAYSIDE-BALFOUR CHELMSFORD -PLANT TWO TOWN	EXTENDED AERATION	1.250	WHITSON CREEK	2
SAULT STE MARIE SAULT STE MARIE WPCP CITY	PRIMARY	12.000	ST. MARY'S RIVER	1
SHACKLETON AND MACHIN FAUQUIER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.080	WELLINGTON CK.	1
STURGEON FALLS MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.000	STURGEON RIVER	1
SUDBURY COPPER CLIFF PLANT CITY	CONVENTIONAL SECONDARY	1.500	JUNCTION CREEK	2
SUDBURY SUDBURY WPCP CITY	EXTENDED AERATION	15.000	JUNCTION CREEK	1
TEMAGAMI NEW TEMAGAMI TOWNSITE PLANT IMPROVEMENT DISTRICT	LAGOON WITH SPRAY	.100	NET LAKE	2
TIMMINS WHITNEY-TISDALE PLANT CITY	EXTENDED AERATION	.750	PORCUPINE RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
TIMMINS SCHUMACHER PLANT CITY	COMMUNAL SEPTIC TANK	.330	PEARL LAKE	2
TIMMINS BOBS LAKE PLANT CITY	CONVENTIONAL LAGOON CONTINUOUS	.017	BOB'S CK TO BOB'S LAKE	2
TIMMINS TIMMINS WPCP CITY	PRIMARY	3.000	MATTAGAMI RIVER	1
VALLEY EAST NEELON AND GARSON LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.760	JUNCTION CREEK	1
VALLEY EAST HAMNER, VAL CARON, VAL THERESE TOWN	CONVENTIONAL SECONDARY	2.500	VERMILION RIVER	1
WALDEN LIVELY PLANT TOWN	EXTENDED AERATION	.292	MEATBIRD CREEK	2
WEBBWOOD WEBBWOOD TOWN	CONVENTIONAL LAGOON SEASONAL	.090	GOUGH CREEK	1

Northwestern Region

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REGIONAL OFFICE

THUNDER BAY

435 James St. S.

P.O. Box 5000

807-475-1205

DISTRICT OFFICE

Kenora

203 First St. S.

807-468-5578

Northwestern Region

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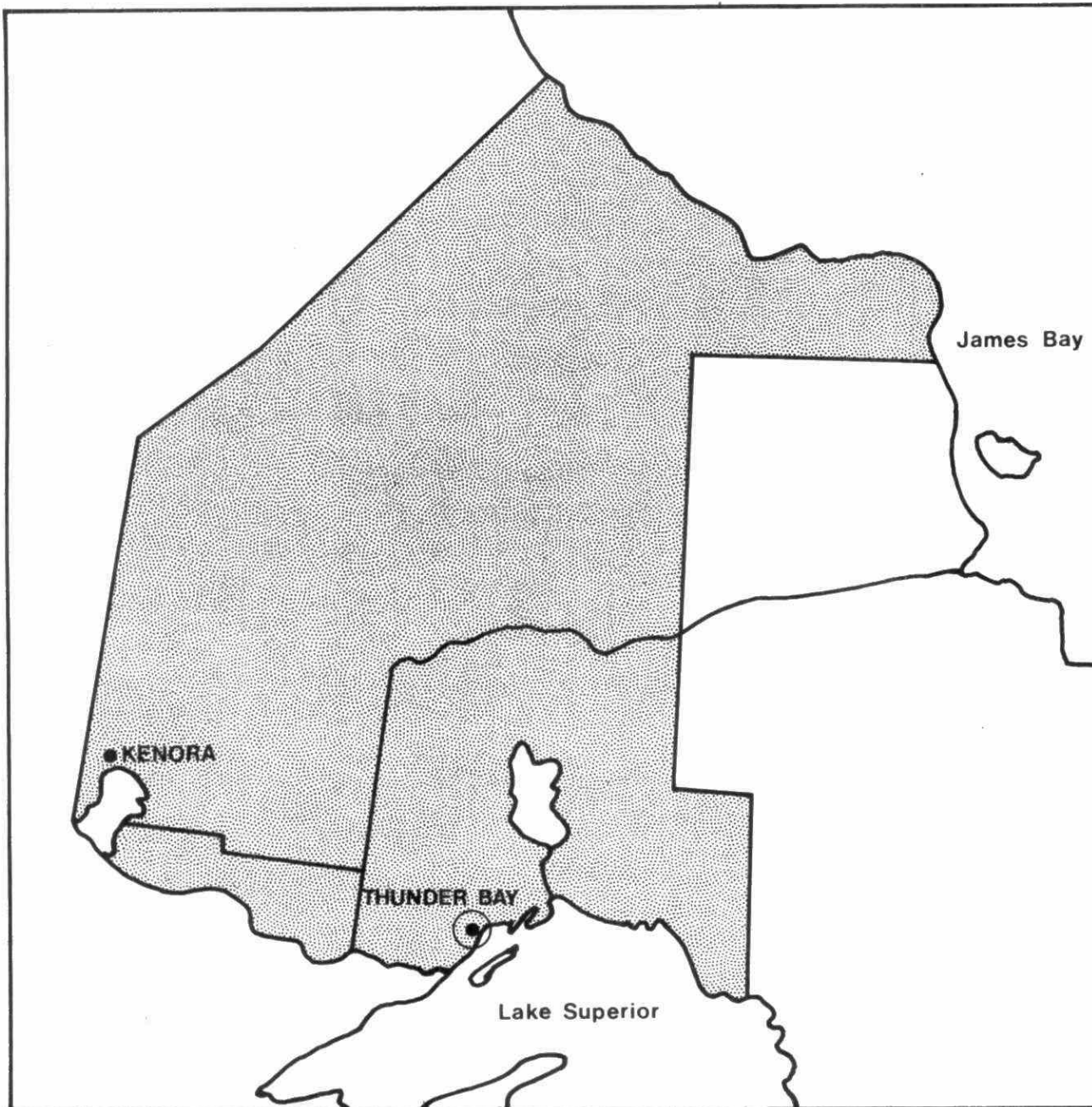


Ministry
of the
Environment

Ontario

REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
203 First St. S.
807-468-5578



N O T H E R W E S T E R N R E G I O N S U M M A R Y

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
PRIMARY	6	13,750
CONVENTIONAL SECONDARY	1	375
CONTACT STABILIZATION	7	4,233
CONVENTIONAL LAGOON CONTINUOUS	1	55
CONVENTIONAL LAGOON SEASONAL	1	100
TOTAL MINISTRY OPERATED WORKS	9	13,500
TOTAL MUNICIPALLY OPERATED WORKS	7	5,013
TOTAL TREATMENT WORKS	<u>16</u>	<u>18,513</u>

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
ATIKOKAN MUNICIPAL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.280	ATIKOKAN RIVER	2
BALMERTOWN COCHENOUR TOWNSITE PLANT IMPROVEMENT DISTRICT	COMMUNAL SEPTIC TANK	.030	RED LAKE	2
BALMERTOWN BALMERTOWN TOWNSITE PLANT IMPROVEMENT DISTRICT	COMMUNAL SEPTIC TANK	.150	RED LAKE	2
DRYDEN MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.833	WABIGOON RIVER	2
EAR FALLS EAR FALLS WPCP TOWNSHIP	CONTACT STABILIZATION	.250	ENGLISH RIVER	1
EMO TWP EMO TWP LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.100	RAINY RIVER	1
FORT FRANCES FORT FRANCES WPCP TOWN	PRIMARY	2.000	RAINY RIVER	1
GERALDTON MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.400	LAKE KEWOGAMISIS	1
IGNACE IGNACE WPCP TOWNSHIP	CONTACT STABILIZATION	.250	AGIMAC CREEK	1
JAFFRAY AND MELICK RABBIT LAKE TRAILER PARK PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.020		2
KENORA MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	2.000	WINNIPEG RIVER	2
LOGLAC LOGLAC WPCP TOWNSHIP	CONTACT STABILIZATION	.250	SUICIDE RIVER	1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
MANITOUWADGE MUNICIPAL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.400	RUDDER LAKE	2
MARATHON MUNICIPAL PLANT TOWNSHIP	PRIMARY	1.330	LAKE SUPERIOR	2
NAKINA MUNICIPAL PLANT IMPROVEMENT DISTRICT	COMMUNAL SEPTIC TANK	.060	HOWARD CREEK	2
NIPIGON MUNICIPAL PLANT TOWNSHIP	PRIMARY	.360	NIPIGON RIVER	2
RAINY RIVER MUNICIPAL PLANT TOWN	PRIMARY	.060	RAINY RIVER	2
RED LAKE RED LAKE WPCP TOWNSHIP	CONTACT STABILIZATION	.250	HOWEY BAY	1
SCHREIBER MUNICIPAL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.060	LAKE SUPERIOR	2
SIOUX LOOKOUT MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	.375	PELICAN LAKE	2
TERRACE BAY MUNICIPAL PLANT TOWNSHIP	CONVENTIONAL LAGOON CONTINUOUS	.055	CREEK TO LAKE SUPERIOR	2
THUNDER BAY THUNDER BAY SOUTH WPCP CITY	PRIMARY	6.000	KAMINISTIKWIA RIVER	1
THUNDER BAY THUNDER BAY NORTH WPCP CITY	PRIMARY	4.000	MCINTYRE RIVER	1

PART II - WATER TREATMENT

Water, in terms of quality and quantity varies widely throughout the Province and as may be expected, the quality and intended use of the supply dictates the degree and type of treatment necessary.

Groundwater is characteristically cool, requires little treatment and suffers only slight temperature variations, hence, it is the first to be investigated as a source of supply. While hardness is often a concern with groundwater the main problem is its extraction in sufficient quantity to meet our increasing growth patterns. Quantity is not usually a problem with surface sources but treatment becomes the rule rather than the exception. The removal of turbidity, colour, tastes, odours, chemical substances and micro-organisms that would constitute a health hazard is achieved through various treatment methods. Sometimes only a few of these undesirable characteristics are present in a water supply; consequently, the method of treatment is selected only after the results of careful physical, bacteriological and chemical analyses are known.

All surface sources of supply, are disinfected through chlorination to ensure the complete removal of pathogenic bacteria (disease organisms). Groundwater is chlorinated where disease organisms are present or where a potential danger of contamination exists.

The object of treatment is to use the most effective processes and equipment to remove the impurities found in a particular source, for this reason all or any of the following methods or items may be employed in a plant.

Screening (Physical Treatment)

The raw or untreated water passes through coarse and fine screens which removes the larger particles.

Algae Removal by Microstraining (Physical Treatment)

If algae is a problem in the raw water then it may be passed through a microstrainer which is a rotating drum covered with a finely woven blanket of stainless steel or cloth fabric. The blanket opening size is chosen based on the type of algae encountered and as the water passes through the microstrainer the algae are enmeshed on the blanket. Some units are equipped with an ultra-violet light attachment which acts as a germicidal agent on the water and reduces or controls the growths on the fabric. The microstrainer is back washed or flushed with water to remove the accumulated algae and clean the blanket.

Color, Turbidity and Bacteria Removal by Coagulation and Flocculation (Chemical Treatment)

Chemical coagulants such as alum or lime are added and thoroughly mixed with the water. After a short period a sticky gelatinous precipitate is formed which absorbs colour and entangles mud, bacteria and suspended matter. The gelatinous mass is agitated and builds up into clumps or flocs which grow large and finally become heavy enough with impurities to be removed from the water by settling. The water

Southwestern Region

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REGIONAL OFFICE

LONDON

985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor

3012 Tecumseh Rd. E.
519-945-2339

Sarnia

242A Indian Rd. S.
519-336-4030

Owen Sound

220 11th St. E.
519-371-2901

Southwestern Region



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LONDON

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SOUTHWESTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
GROUND SOURCE NO TREATMENT	45	39.976
GROUND SOURCE PHYSCL TRTMT	4	5.482
GROUND SOURCE CHEM TRTMT	3	1.560
GROUND SOURCE PHYS & CHEM TRTMT	2	7.184
SURFC SOURCE NO TREATMENT	5	5.984
SURFC SOURCE PHYSCL TREATMT	5	30.211
SURFC SOURCE CHEM TRTMT	1	500
SURFC SOURCE PHYS & CHEM TRTMT	22	160.477
AREA SCHEME SOURCE	19	51.811
TOTAL MINISTRY OPERATED WORKS	26	150.058
TOTAL MUNICIPALLY OPERATED WORKS	80	153.127
TOTAL TREATMENT WORKS	<u>106</u>	<u>303.185</u>

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
AILSA CRAIG MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	.000		1
AMHERSTBURG AMHERSTBURG AREA WATER SUPPLY TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	4.000	DETROIT RIVER	1
AYLMER MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.870		2
BELLE RIVER MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.020	LAKE ST CLAIR	2
BELMONT MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.115		2
BLENHEIM BLENHEIM WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.000	LAKE ERIE	1
BLYTH MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.480		2
BRUSSELS MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.480		2
CHATHAM MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	10.000	LAKE ERIE	2
CHESLEY MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.080		2
CLINTON MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.980		2
COLCHESTER NORTH MCGREGOR HAMLET SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
DORCHESTER NORTH DORCHESTER P.V. MUN PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT GROUND SOURCE PHYSCL TRTMT CHLORINATION	.488		2
DOVER PAINCOURT SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.020		2
DOVER MITCHELL BAY SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.046		2
DRESDEN DRESDEN TOWN	SURFC SOURCE CHEM TRTMT CHLORINATION	.500	SYDENHAM RIVER	1
DUNDALK MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.230		2
DURHAM MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	.720		2
DUTTON MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	.000		2
EAST ZORRA-TAVISTOCK TAVISTOCK SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.000		2
ESSEX MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE CHLORINATION	10.000		1
EXETER MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.914		2
FOREST MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.764		2
GLENCOE MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.072		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
GODERICH GODERICH WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.500	LAKE HURON	1
GOSFIELD SOUTH UNION ESSEX COUNTY SYSTEM TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	10.000	LAKE ERIE	1
GRAND BEND MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	2.750		1
HANOVER HANOVER TOWN	SURFC SOURCE NO TREATMENT GROUND SOURCE NO TREATMENT CHLORINATION	2.450	RUHL LAKE	1
HARROW HARROW WTP TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	2.250	LAKE ERIE	1
HENSALL MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.290		2
INGERSOLL MUNICIPAL SUPPLY TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	2.784		2
KINCARDINE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	3.020	LAKE HURON	2
KINGSVILLE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.500	LAKE ERIE	2
LEAMINGTON MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	1.000		1
LIONS HEAD PRIVATE PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	1.024	GEORGIAN BAY	2
LISTOWEL MUNICIPAL PLANT TOWN	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	1.584		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
LONDON ILDERTON POLICE VILLAGE SUPPLY TOWNSHIP	AREA SCHEME SOURCE CHLORINATION	1.432		1
LONDON MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE CHLORINATION FLUORIDATION	37.000		1
LUCAN MUNICIPAL PLANT VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	1.344		2
LUCKNOW MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.490		2
MARKDALE MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.540		2
MEAFORD MEAFORD WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.880	GEORGIAN BAY	1
MILDMAY MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.290		2
MILVERTON MUNICIPAL PLANT VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	1.216		2
MITCHELL MITCHELL WTP TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.720		1
MOORE CORINNA POLICE VILLAGE SUPPLY TOWNSHIP	AREA SCHEME SOURCE	1.000		1
MOORE COURTRIGHT MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.271		2
MOORE BRIGDEN POLICE VILLAGE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.032		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
NORWICH NORWICH SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	1.000		2
NORWICH OTTERVILLE RV MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.303		2
NORWICH SOUTH SPRINGFORD HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.039		2
OIL SPRINGS MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.086		2
OWEN SOUND SPRING SUPPLY CITY	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.100		2
OWEN SOUND FILTRATION PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	5.000	GEORGIAN BAY	2
PAISLEY MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.095	TEESWATER RIVER	2
PARKHILL MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE CHLORINATION	.504		1
PETROLIA PETROLIA WATER SUPPLY SYSTEM TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.500	BRIGHTS GROVE (L HURON)	2
POINT EDWARD MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	.000		1
PORT BURWELL MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	.000		1
PORT ELGIN MUNICIPAL PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.866	LAKE HURON	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PORT STANLEY MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.720	LAKE ERIE	2
RIDGETOWN MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.920		2
RIPLEY MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.350		2
RODNEY MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1.072		2
SARNIA BRIGHTS GROVE SUPPLY TOWNSHIP	AREA SCHEME SOURCE	1.000		2
SARNIA MUNICIPAL PLANT CITY	SURFC SOURCE PHYSCL TREATMT CHLORINATION	26.000	ST CLAIR RIVER	1
SARNIA LAKE HURON WATER SUPPLY SYSTEM TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	37.000	LAKE HURON	1
SEAFORTH MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	3.600		2
SOMBRRA SOMBRRA POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.240	ST CLAIR RIVER	2
SOMBRRA PORT LAMBTON POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.300	ST CLAIR RIVER	2
SOUTH-WEST OXFORD BROWNSVILLE HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.055		2
SOUTH-WEST OXFORD MT ELGIN HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.043		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
SOUTH-WEST OXFORD REACHVILLE-LOWEVILLE SUBDIVISION SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.500		2
SOUTHAMPTON SOUTHAMPTON WTP TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.000	LAKE HURON	1
ST CLAIR BEACH MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1.000		2
ST MARYS MUNICIPAL SUPPLY SEPARATED TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.296		2
ST THOMAS MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE	1.000		1
STEPHEN CENTRALIA IND PARK SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.418		2
STRATFORD MUNICIPAL PLANT CITY	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	5.600		2
STRATHROY MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.720		2
TARA MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.129		2
TECUMSEH MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	1.000		2
TEFSWATER MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.150		2
THEDFORD THEDFORD WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.072		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
THORNBURY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.430	BEAVER RIVER	2
TILBURY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.493	LAKE ST CLAIR	2
TILBURY NORTH STONE POINT POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.000	LAKE ST CLAIR	2
TILLSONBURG MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	2.000		2
TIVERTON PRIVATE PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.068		2
TUCKERSMITH EGMONDVILLE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	.013		2
WALKERTON MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.530		2
WALLACEBURG MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.300	CHENAL ESCARTE	2
WATFORD MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE CHLORINATION	.470		2
WEST LORNE WEST LORNE MUNIC IAL SUPPLY VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.529	LAKE ERIE	2
WESTMINSTER LAMBETH POLICE VILLAGE MUNICIPAL PLANT TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.728		2
WHEATLEY MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.585	LAKE ERIE	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
WIARTON MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.970	GEORGIAN BAY	2
WINDSOR WINDSOR-TECUMSEH PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.000	DETROIT RIVER	2
WINDSOR MAIN PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	60.000	DETROIT RIVER	2
WINGHAM MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.220		2
WOODSTOCK MUNICIPAL PLANT CITY	GROUND SOURCE NO TREATMENT CHLORINATION	8.850		2
WYOMING MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	.583		2
YARMOUTH ELGIN AREA WATER SUPPLY SYSTEM TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	10.000	LAKE ERIE	1
ZORRA EMBRIO SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.172		2
ZORRA THAMESFORD PV MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.250		2
ZURICH MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.170		2

West Central Region

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REGIONAL OFFICE

STONE CREEK

140 Centennial Pkwy. N.
416-561-7410

DISTRICT OFFICES

Welland

637-641 Niagara St. N.
416-735-0431

Cambridge

400 Clyde Road
P.O. Box 219
519-623-2080

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WEST CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
GROUND SOURCE NO TREATMENT	27	51.601
GROUND SOURCE PHYSCL TRTMT	5	9.827
GROUND SOURCE CHEM TRTMT	4	17.754
GROUND SOURCE PHYS & CHEM TRTMT	1	1.65
SURFC SOURCE NO TREATMENT	3	24.012
SURFC SOURCE PHYSCL TREATMT	6	12.634
SURFC SOURCE PHYS & CHEM TRTMT	16	255.703
AREA SCHEME SOURCE	5	1.110
TOTAL MINISTRY OPERATED WORKS	4	21.565
TOTAL MUNICIPALLY OPERATED WORKS	63	351.241
TOTAL TREATMENT WORKS	<u>67</u>	<u>372.806</u>

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
ANCASTER MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	2,074		2
ARTHUR MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.223		2
BRANTFORD AIRPORT PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.504		2
BRANTFORD MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	20,000	GRAND RIVER	2
BRANTFORD TWP TUTELA HEIGHTS TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.216		1
CAMBRIDGE GALT SUPPLY CITY	GROUND SOURCE NO TREATMENT	11,250		2
CAMBRIDGE HESPELER SUPPLY CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1,973		2
CAMBRIDGE PRESTON SUPPLY CITY	GROUND SOURCE NO TREATMENT CHLORINATION	3,580		2
CLIFFORD MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.144		2
DELHI DELHI-FILTRATION PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.691	NORTH CREEK	2
DELHI DELHI-SPRING SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.175		2
DELHI TURKEY POINT -BOWEN WATER SUPPLY TOWNSHIP	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.300	LAKE ERIE	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
DELHI ST WILLIAMS POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.060		2
DUMFRIES SOUTH ST GEORGE P.V. PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	1.800		2
DUNDAS MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	.000		2
DUNNVILLE MUNICIPAL PLANT TOWN	AREA SCHEME SOURCE SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.110		2
DUNNVILLE FORMER DUNN TWP PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	20.500	LAKE ERIE	1
ELORA MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	.662		2
ERIN MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.350		2
FERGUS MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.512		2
FLAMBROUGH WATER DOWN TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.608		2
FORT ERIE FORMER TOWNSHIP OF BERTIE PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	4.500	LAKE ERIE	2
FORT ERIE FORMER VILLAGE OF CRYSTAL BEACH PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.200	LAKE ERIE	2
FORT ERIE FORMER TOWN OF FORT ERIE PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.310	NIAGARA RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
GRIMSBY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2,000	LAKE ONTARIO	2
GUELPH MUNICIPAL SUPPLY CITY	GROUND SOURCE CHEM TRTMT CHLORINATION	15,400		2
HALDIMAND CALEDONIA PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1,152		2
HALDIMAND CAYUGA PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.240	GRAND RIVER	2
HALDIMAND HAGERSVILLE PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.720		2
HAMILTON MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	160,000	LAKE ONTARIO	2
HARRISTON MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	.864		2
KITCHENER BRIDGEPORT SUPPLY CITY	AREA SCHEME SOURCE	.000		2
KITCHENER MUNICIPAL SUPPLY CITY	GROUND SOURCE NO TREATMENT	14,580		2
LINCOLN FORMER TOWN OF BEAMSVILLE PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.900	LAKE ONTARIO	2
LINCOLN FORMER HAMLET OF VINELAND PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.460	LAKE ONTARIO	2
LINCOLN WEST SMITHVILLE PLANT TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	.180		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
MOUNT FOREST MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.600		2
NANTICOKE JARVIS PLANT CITY	SURFC SOURCE NO TREATMENT CHLORINATION	.202	LAKE ERIE	2
NANTICOKE WATERFORD SUPPLY CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.795		2
NANTICOKE PORT DOVER FILTRATION PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.864	LAKE ERIE	2
NANTICOKE PORT DOVER-SPRING SUPPLY CITY	GROUND SOURCE NO TREATMENT CHLORINATION	.716		2
NIAGARA FALLS MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	20.000	NIAGARA RIVER	2
NIAGARA-ON-THE-LAKE FORMER TOWN OF NIAGARA PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.830	NIAGARA RIVER	2
NIAGARA-ON-THE-LAKE FORMER POLICE VILLAGE OF ST DAVIDS PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.260		2
NIAGARA-ON-THE-LAKE FORMER HAMLET OF VIRGIL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.020		2
NORFOLK PORT ROWAN PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.648	LAKE ERIE	2
ORANGEVILLE MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	.864		2
PALMERSTON MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	.580		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PARIS MUNICIPAL PLANT TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1,329		2
PELHAM FORMER VILLAGE OF FONTHILL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1,000		2
PORT COLBORNE MUNICIPAL PLANT CITY	SURFC SOURCE PHYSCL TREATMT CHLORINATION	5,650	WELLAND SHIP CANAL	2
SHELBURNE SHELBURNE WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.612		1
SIMCOE MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	3,350		2
ST CATHARINES MAIN (DE CEW) PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT	30,000	WELLAND SHIP CANAL	2
ST CATHARINES MERRITON PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT	2,000	WELLAND SHIP CANAL	2
STONEY CREEK SALTFLEET SUPPLY TOWN	AREA SCHEME SOURCE	.000		2
STONEY CREEK MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	.000		2
THOROLD FORMER HAMLET OF PORT ROBINSON PLANT CITY	SURFC SOURCE PHYSCL TREATMT	.154	WELLAND SHIP CANAL	2
THOROLD FORMER TOWN OF THOROLD PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4,000	WELLAND SHIP CANAL	2
THOROLD FORMER HAMLET OF THOROLD SOUTH PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.400	WELLAND SHIP CANAL	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
WATERLOO MUNICIPAL SUPPLY CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	5.670		2
WELLAND PLANT ONE CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	9.000	WELLAND SHIP CANAL	2
WELLAND PLANT TWO CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.500	WELLAND SHIP CANAL	2
WELLESLEY LINWOOD POLICE VILLAGE MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.031		2
WILMOT NEW HAMBURG SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.806		2
WOOLWICH ELMIRA SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	2.450		2
WOOLWICH ST JACOBS POLICE VILLAGE PLANT TOWNSHIP	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	.165		1

Central Region

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REGIONAL OFFICE

DON MILLS

150 Ferrand Dr.

416-424-3000

DISTRICT OFFICES

Barrie

12 Fairview Rd.

705-726-1730

Muskoka – Haliburton

Gravenhurst Shopping
Centre

705-687-3408

Peterborough

139 George St. N.

705-743-2972

Halton – Peel

125 Cross Ave. Oakville

416-822-2566

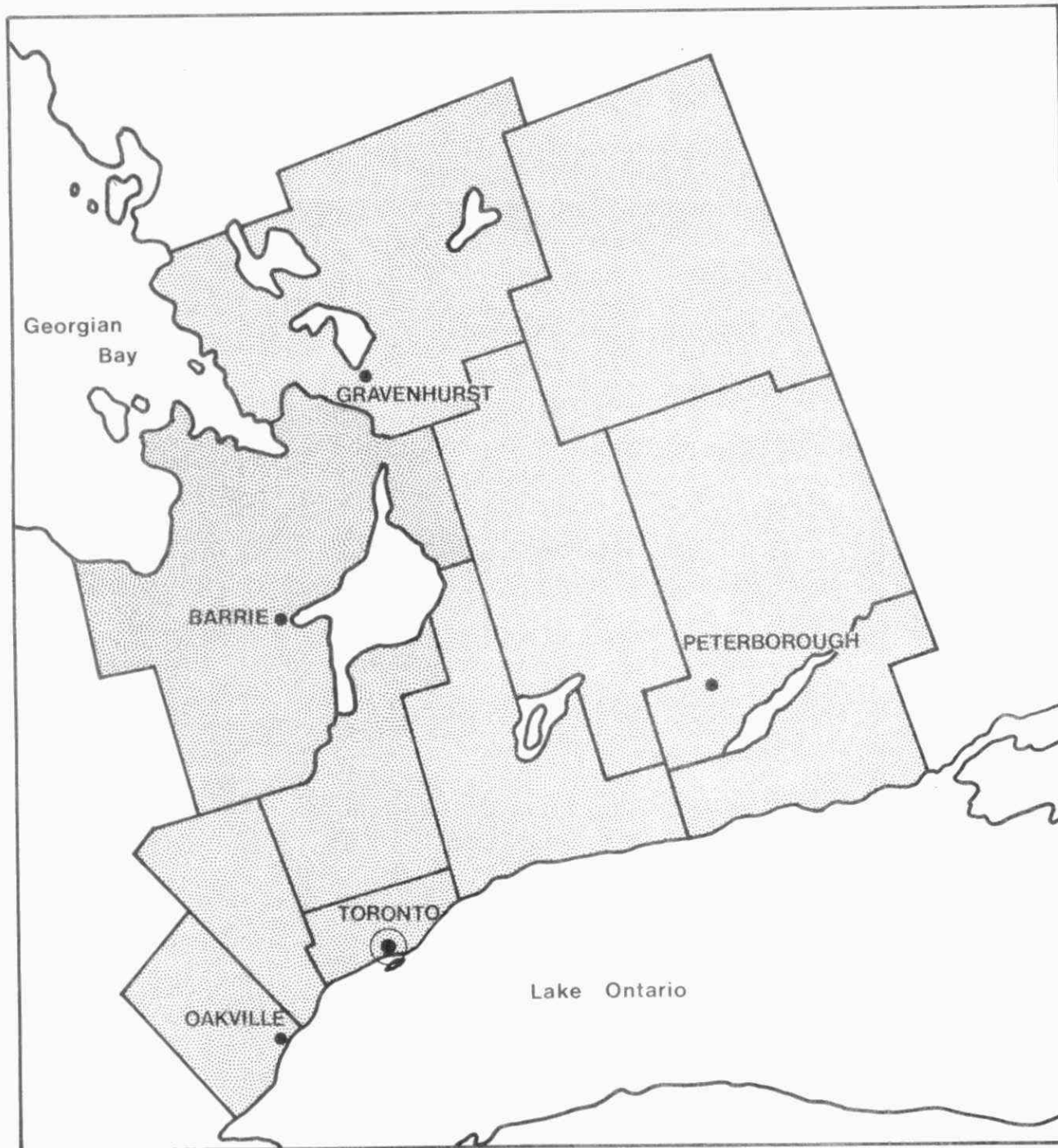
Central Region

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150 Ferrand Dr.
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CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)</u>
GROUND SOURCE NO TREATMENT	37	22,489
GROUND SOURCE PHYSCL TRTMT	8	10,589
GROUND SOURCE CHEM TRTMT	12	23,848
SURFC SOURCE NO TREATMENT	9	15,691
SURFC SOURCE PHYSCL TREATMT	4	6,110
SURFC SOURCE CHEM TRTMT	1	2,000
SURFC SOURCE PHYS & CHEM TRTMT	20	551,515
AREA SCHEME SOURCE	5	2,806
TOTAL MINISTRY OPERATED WORKS	31	67,473
TOTAL MUNICIPALLY OPERATED WORKS	65	567,575
TOTAL TREATMENT WORKS	<u>96</u>	<u>635,048</u>

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
AJAX PICKERING SUPPLY TOWN	AREA SCHEME SOURCE	.000		2
AJAX MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	5.000	LAKE ONTARIO	2
ALLISTON MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	1.950		2
ANSON HINDON & MINDEN ANSON HINDON & MINDEN TWPS WWKS TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.144		1
AURORA MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	2.700		2
BARRIE MUNICIPAL SUPPLY CITY	GROUND SOURCE CHEM TRTMT CHLORINATION	9.200		2
BEETON MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.155		2
BICROFT CARDIFF TOWNSITE PLANT IMPROVEMENT DISTRICT	GROUND SOURCE NO TREATMENT	.144		2
BOBCAYGEON BOBCAYGEON WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.200	BOBCAYGEON RIVER	1
BRACEBRIDGE MUNICIPAL SUPPLY TOWN	SURFC SOURCE NO TREATMENT GROUND SOURCE NO TREATMENT CHLORINATION	1.800	LAKE MUSKOKA	1
BRADFORD BRADFORD WWKS TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.860		1
BRAMPTON CHINGUACOUSY SUPPLY CITY	AREA SCHEME SOURCE	1.006		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
BRAMPTON MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE	1.800		1
BRIGHTON MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.100		2
BROCK CANNINGTON SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.216		2
BROCK BEAVERTON WTP TOWNSHIP	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.550	LAKE SIMCOE	1
BROCK SUNDERLAND POLICE VILLAGE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	.410		1
BURLINGTON MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	10.500	LAKE ONTARIO	2
CALEDON BOLTON WWKS TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.640		1
CALEDON CALEDON EAST WWKS TOWN	GROUND SOURCE NO TREATMENT	.108		1
CAMPBELLFORD MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.250	TRENT RIVER	2
CORBORG MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	8.000	LAKE ONTARIO	2
COLBORNE MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.400		2
COLDWATER MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.125		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
COLLINGWOOD MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	10,500	GEORGIAN BAY	2
COOKSTOWN COOKSTOWN WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.050		1
CREEMORE MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.192		2
ELMVALE ELMVALE WWKS VILLAGE	GROUND SOURCE NO TREATMENT	.510		1
FENELON FALLS FENELON FALLS WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.360	CAMERON LAKE	1
GEORGINA SUTTON PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	.645	LAKE SIMCOE	2
GRAVENHURST MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT GROUND SOURCE PHYSCL TRTMT CHLORINATION	.450	GULL LAKE	2
GWILLIMBURY EAST SHARON POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.036		2
HALTON HILLS ACTON PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.712		2
HALTON HILLS GEORGETOWN PLANT TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	3,400		2
HASTINGS HASTINGS WWKS VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	.540	TRENT RIVER	1
HAVELOCK HAVELOCK WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.115		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
HUNTSVILLE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.440	LAKE VERNON	2
KING NORLETON POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.860		2
KING KING CITY POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.580		2
KING SCOMBERG WWKS TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.140		1
LAKEFIELD MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.410	OTONABEE RIVER	2
LINDSAY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	5.000	SCUGOG RIVER	2
MARKHAM THORNHILL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	3.300		2
MARKHAM UNIONVILLE SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	.330		2
MARKHAM MARKHAM STEELES AVE PLT TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.000		1
MARKHAM MARKHAM DON MILLS WTP TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.000		1
MARKHAM MARKHAM JOHN ST WTP TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	2.304		1
MARKHAM MARKHAM PHARMACY WTP TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.008		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
METRO TORONTO R C HARRIS PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	200,000	LAKE ONTARIO	2
METRO TORONTO WESTERLY PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	100,000	LAKE ONTARIO	2
METRO TORONTO ISLAND PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	86,000	LAKE ONTARIO	2
METRO TORONTO SCARBOROUGH PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	20,000	LAKE ONTARIO	2
MIDLAND MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1,980		2
MILLBROOK MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.500		2
MILTON MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	2,100		2
MISSISSAUGA LAKEVIEW WTP CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	48,000	LAKE ONTARIO	1
MISSISSAUGA STREETSVILLE SUPPLY CITY	AREA SCHEME SOURCE	.000		1
MISSISSAUGA PORT CREDIT SUPPLY CITY	AREA SCHEME SOURCE	.000		1
MUSKOKA LAKES BALA PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.144	LAKE MUSKOKA	2
MUSKOKA LAKES PORT CARLING PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.432	INDIAN RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
NEWCASTLE BOWMANVILLE PLANT TWO TOWN	GROUND SOURCE NO TREATMENT	.300		2
NEWCASTLE BOWMANVILLE PLANT THREE TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.050		2
NEWCASTLE BOWMANVILLE PLANT ONE TOWN	SURFC SOURCE CHEM TRTMT CHLORINATION	2.000	LAKE ONTARIO	2
NEWCASTLE CLARKE TWP WWKS TOWN	GROUND SOURCE NO TREATMENT	.108		1
NEWCASTLE NEWCASTLE WWKS TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.104		1
NEWMARKET MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	2.200		2
NEWMARKET GWILLIMBURY HEIGHTS SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	.410		2
NORWOOD MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.144		2
OAKVILLE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	12.000	LAKE ONTARIO	2
ORILLIA MUNICIPAL SUPPLY CITY	SURFC SOURCE PHYSCL TREATMT GROUND SOURCE NO TREATMENT CHLORINATION	5.000	LAKE COUCHICHING	2
OSHAWA MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	22.000	LAKE ONTARIO	2
OSHAWA WHITHY EAST WTP CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.160		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PENETANGUISHENE MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	1.600		2
PERCY MARKWORTH POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.100	MILL CREEK	1
PETERBOROUGH MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	19.000	OTONABEE RIVER	2
PICKERING PICKERING SUPPLY TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	3.750	LAKE ONTARIO	2
PORT HOPE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	4.420	LAKE ONTARIO	2
PORT McNICOLL MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	.805	GEORGIAN BAY	2
RICHMOND HILL RICHMOND HILL (OAK RIDGES) TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.470		1
RICHMOND HILL RICHMOND HILL WWKS TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	2.960		1
SCUOGOG PORT PERRY WWKS TOWNSHIP	GROUND SOURCE NO TREATMENT	.576		1
STAYNER MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.435		2
STAYNER MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.450		1
TAY WAUBASHENE SUPPLY TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.300	GEORGIAN BAY	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
TAY SUNNYSIDE SUBDIVISION SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.144		2
TOTTENHAM MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.936		2
UXBRIDGE UXBRIDGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.720		2
VAUGHAN THORNHILL-CARRVILLE SYSTEM TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.950		2
VAUGHAN WOODBIDGE SUPPLY TOWN	GROUND SOURCE NO TREATMENT	1.000		2
VAUGHAN CONCORD INDUSTRIAL AREA SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.590		2
VAUGHAN CRESTWOOD SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	.300		2
VAUGHAN KLEINBURG SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	.360		2
VAUGHAN MAPLE SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	.500		2
VICTORIA HARBOUR MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	.720	GEORGIAN BAY	2
WHITRY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.000	LAKE ONTARIO	2
WHITCHURCH-STOUFFVILLE STOUFFVILLE SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.190		2

Southeastern Region

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REGIONAL OFFICE

KINGSTON

**133 Dalton St.
613-549-4000**

DISTRICT OFFICES

Belleville

**15 Victoria Ave.
613-962-9208**

Cornwall

**408 Pitt St.
613-933-7402**

Ottawa

**2378 Holly Lane
613-521-3450**

Pembroke

**1000 MacKay St.
P.O. Box 67
613-732-3643**

Southeastern Region

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Ministry
of the
Environment
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SOUTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
GROUND SOURCE NO TREATMENT	27	11,317
GROUND SOURCE PHYSCL TRTMT	2	133
SURFC SOURCE NO TREATMENT	19	34,496
SURFC SOURCE PHYSCL TREATMT	3	9,410
SURFC SOURCE PHYS & CHEM TRTMT	19	158,348
AREA SCHEME SOURCE	6	
TOTAL MINISTRY OPERATED WORKS	13	5,653
TOTAL MUNICIPALLY OPERATED WORKS	63	208,051
TOTAL TREATMENT WORKS	<u>76</u>	<u>213,704</u>

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
ALEXANDRIA MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	1.140	ALEXANDER LAKE	2
ALFRED ALFRED WWKS VILLAGE	GROUND SOURCE CHLORINATION	.993		1
ALFRED LEFAIVRE HAMLET SUPPLY TOWNSHIP	SURFC SOURCE CHLORINATION	.100	OTTAWA RIVER	2
ALMONTE MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.180		2
ARNPRIOR MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	3.400	MADAWASKA RIVER	2
BANCROFT BANCROFT WWKS VILLAGE	SURFC SOURCE CHLORINATION	1.000	CLARKE LAKE	1
BARRY'S BAY BARRY'S BAY WTP VILLAGE	SURFC SOURCE CHLORINATION	.550	KAMANISKEG LAKE	1
BATH MUNICIPAL PLANT VILLAGE	SURFC SOURCE CHLORINATION	.840	LAKE ONTARIO	2
BEACHBURG MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE PHYSCL TRTMT	.090		2
BELLEVILLE MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION FLUORIDATION	8.000	BAY OF QUINTE	2
BROCKVILLE MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION	9.000	ST LAWRENCE RIVER	2
CARLETON PLACE MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	5.000	MISSISSIPPI RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
CHALK RIVER CHALK RIVER WWKS VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	.430	CORRY LAKE	1
CHESTERVILLE CHESTERVILLE WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.244		1
CLARENCE BOURGET POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.065		2
CLARENCE ST PASCHAL BAYLON SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.043		2
CLARENCE CLARENCE CREEK SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.060		2
CLARENCE HAMMOND SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.052		2
CLARENCE CHENEY SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.010		2
COBDEN MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.058	MUSKRAT LAKE	2
CORNWALL MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	13.000	LAKE ST LAWRENCE	2
CORNWALL LONG SAULT HAMLET PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.635	LAKE ST LAWRENCE	2
CUMBERLAND QUEENSWOOD SUBDIVISION PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.320		2
DEEP RIVER MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.100	OTTAWA RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
DELOORO MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.140		2
DESERONTO MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.500	BAY OF QUINTE	2
EGANVILLE EGANVILLE WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.180	BONNECHERE RIVER	1
ERNESTOWN AMHERSTVIEW PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.600	LAKE ONTARIO	2
FRANKFORD FRANKFORD VILLAGE	GROUND SOURCE NO TREATMENT	.540		1
GANANOQUE MUNICIPAL PLANT SEPARATED TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.160	ST. LAWRENCE RIVER	2
GLOUCESTER HILLSIDE GARDENS SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.117		2
GLOUCESTER ORLEANS POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.134		2
GOULBOURN GLENCAIRN PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.436		2
HAWKESBURY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.500	OTTAWA RIVER	2
IROQUOIS MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	.635	ST LAWRENCE RIVER	2
KEMPTVILLE MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.020		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
KINGSTON MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	26.000	LAKE ONTARIO	2
KINGSTON POINT PLEASANT PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	2.800	LAKE ONTARIO	2
KINGSTON WEST BROOK PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.115		2
KINGSTON QUEEN'S ACRES PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.500	COLLINS BAY (LAKE ONTAR)	2
MADOC MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.330		2
MARCH KANATA SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		2
MARMORA MARMORA WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.230	CROWE RIVER	1
MERRICKVILLE MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.475		2
MORRISBURG MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	2.300	ST LAWRENCE RIVER	2
NAPANEE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION.	2.800	NAPANEE RIVER	2
NEPEAN BARRHAVEN SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		2
NEPEAN LYNWOOD VILLAGE SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
NEPEAN LAKEVIEW SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		2
OSNABRUCK INGLESIDE HAMLET PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.800	ST LAWRENCE RIVER	2
OTTAWA BRITTANNIA PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	42.000	OTTAWA RIVER	2
OTTAWA LEMIEUX ISLAND PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	42.000	OTTAWA RIVER	2
PEMBROKE MUNICIPAL PLANT CITY	SURFC SOURCE NO TREATMENT CHLORINATION	6.200	OTTAWA RIVER	2
PERTH MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.000	TAY RIVER	2
PETAWAWA MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	3.000	OTTAWA RIVER	2
PICTON MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.000	PICTON BAY (L ONTARIO)	2
PITTSBURGH CANA SURDIVISION PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.015		2
PITTSBURGH GLEN LAWRENCE WATER WORKS TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.015	ST LAWRENCE RIVER	2
PITTSBURGH MACLEAN PARK SURDIVISION TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.015		2
PLANTAGENET PLANTAGENET WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.029		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
PLANTAGENET NORTH WENDOVER POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.561	OTTAWA RIVER	2
PRESCOTT MUNICIPAL PLANT SEPARATED TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.020	ST LAWRENCE RIVER	2
RENFREW MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.900	BONNECHERE RIVER	2
ROCKCLIFFE PARK MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	.000		2
ROCKLAND ROCKLAND WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.800	OTTAWA RIVER	1
SIDNEY BATAWA PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.140	TRENT RIVER	2
SMITH FALLS MUNICIPAL PLANT SEPARATED TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	4.200	RIDEAU RIVER	2
STIRLING MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.580		2
TRENTON FILTRATION PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.160	TRENT RIVER	2
TRENTON SPRING SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	3.300		2
TWEED MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.440		2
VANIER MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE	.000		2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
VANKLEEK HILL VANKLEEK HILL WWK TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.115		1
WELLINGTON WELLINGTON WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.160		1
WEST CARLETON HUNTLEY-JULIA SURDIVISION SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.050		2
WINCHESTER WINCHESTER WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.382		1

Northeastern Region

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REGIONAL OFFICE

SUDBURY

469 Bouchard St.
705-522-8282

DISTRICT OFFICES

North Bay

1500 Fisher St.
705-476-1001

Sault Ste. Marie

445 Albert St. E.
705-949-4640

Timmins

83 Algonquin Blvd. W.
705-264-9474

Parry Sound

74 Church St.
705-746-2139

Northeastern Region

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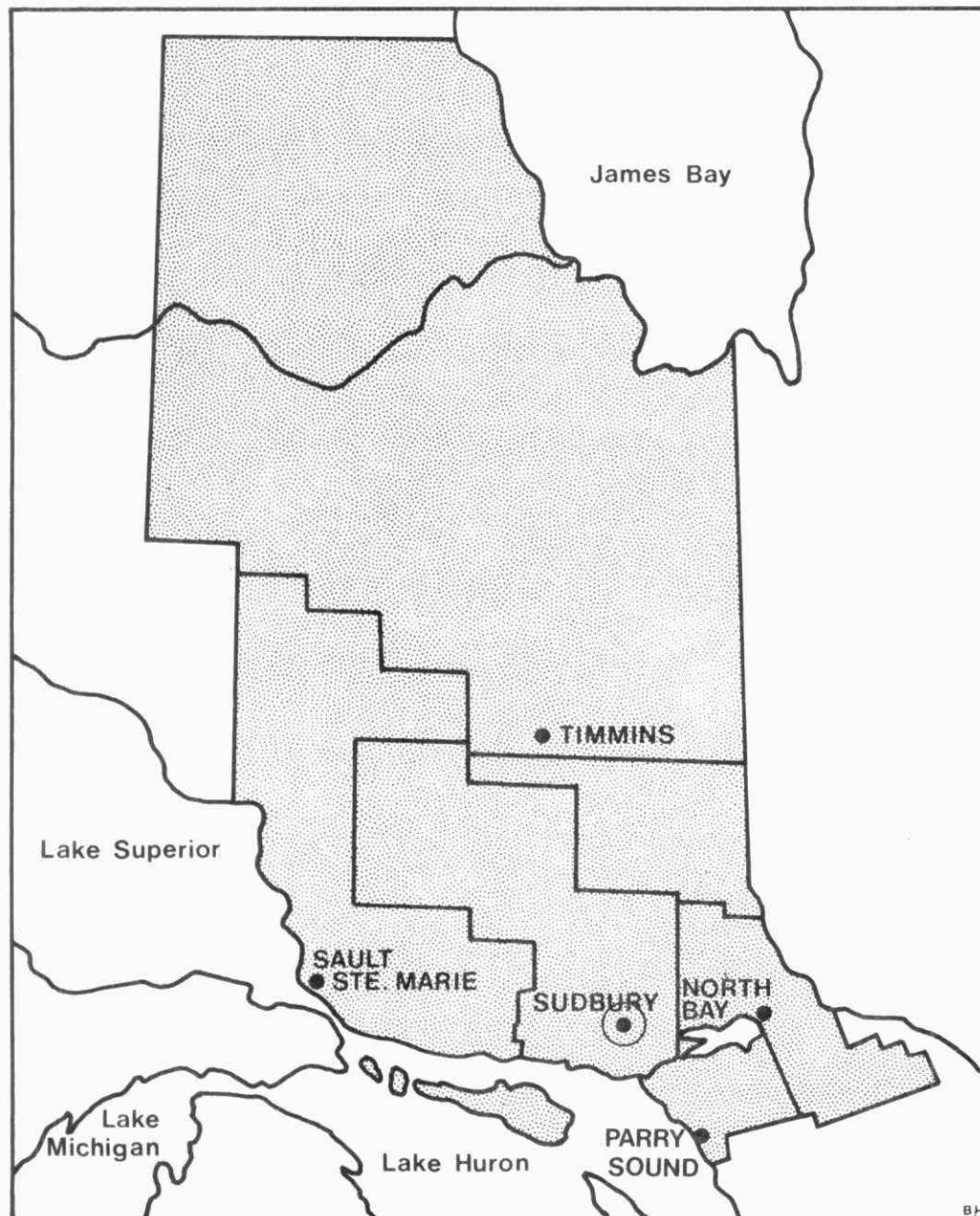
445 Albert St. E.
705-949-4640

Timmins

83 Algonquin Blvd. W.
705-264-9474

Parry Sound

74 Church St.
705-746-2139



NORTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u>
GROUND SOURCE NO TREATMENT	21	17.965
GROUND SOURCE PHYSCL TRTMT	4	2.082
GROUND SOURCE CHEM TRTMT	1	3.900
GROUND SOURCE PHYS & CHEM TRTMT	1	850
SURFC SOURCE NO TREATMENT	24	70.136
SURFC SOURCE PHYSCL TREATMT	2	900
SURFC SOURCE CHEM TRTMT	1	2.400
SURFC SOURCE PHYS & CHEM TRTMT	11	35.013
AREA SCHEME SOURCE	6	
TOTAL MINISTRY OPERATED WORKS	15	12.078
TOTAL MUNICIPALLY OPERATED WORKS	56	121.168
TOTAL TREATMENT WORKS	<u>71</u>	<u>133.246</u>

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
BILLINGS KAGAWONG PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.015	KAGAWONG LAKE	2
BLACK RIVER - MATHESON MATHESON PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.280	WHITEFISH LAKE	2
BLACK RIVER - MATHESON HOLTYRE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	.120		2
BLACK RIVER-MATHESON RAMORE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	.108		2
BLACK RIVER-MATHESON PLAYFAIR WWKS TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	.108		1
BLIND RIVER BLIND RIVER TOWN	GROUND SOURCE NO TREATMENT	.785		1
BRUCE MINES MUNICIPAL WATER WORKS TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.108	L. HURON ST. JOSEPH'S CHNL	1
BURK'S FALLS MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.245		2
CACHE BAY CACHE BAY WWKS TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.220	TANNER LAKE	1
CALDWELL VERNER PV TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.233	NEUVE R	1
CAPREOL MUNICIPAL SUPPLY TOWN	GROUND SOURCE PHYSCL TRTMT	.500		2
CHAPLEAU MUNICIPAL PLANT UNORGANISED TWP	SURFC SOURCE NO TREATMENT CHLORINATION	.600	CHAPLEAU RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
COBALT MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	3.200	LAKE SASAGINAGA	2
COCHRANE MUNICIPAL PLANT TOWN	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	.850		2
DYMOND MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.020		2
ELLIOT LAKE MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	6.740	ELLIOT LAKE	2
ENGLEHART MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	.720		2
ESPANOLA ESPANOLA WTP TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.500	ASPEY LAKE	1
FAUQUIER TWP FAUQUIER TWP WTP TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.070		1
FOLEYET FOLEYET MUNICIPAL PLANT UNORGANISED TWP	SURFC SOURCE NO TREATMENT CHLORINATION	.144	IVANHOE RIVER	2
GLACKMEYER MUNICIPAL SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		2
GORE BAY MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.294	LAKE HURON	2
HAILEYBURY HAILEYBURY WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.500	LAKE TIMISKAMING	1
HEARST MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.020	MATTAWISHKWINA RIVER	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
HILTON BEACH MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	.010		2
IROQUOIS FALLS MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	.400	ABITIBI RIVER	2
KAPUSKASING MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	2.160		2
KIRKLAND LAKE KIRKLAND LAKE AND CHAPUT HUGHES PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	12.400	GULL LAKE	2
KIRKLAND LAKE SWASTIKA PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION FLUORIDATION	.360	BLANCHE RIVER	2
LARGER LAKE MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.576		2
LATCHFORD LATCHFORD WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.152	MONTREAL R	1
LITTLE CURRENT MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.576	LAKE HURON	2
MASSEY MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.360	AUX SABLE RIVER	2
MATTAWA MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.080		2
MC DOUGALL NOBEL HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.144		2
MC GARRY VIRGINIATOWN AND KEARNS MUNICIPL SUPPLY TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.864	LARGER LAKE	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
MICHIPICOTEN TWP MICHIPICOTEN TWP WWKT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	2.440	WAWA LAKE	1
MOOSONEE DEV AREA RD MOOSONEE WTP DEVELOPMENT AREA	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	.150	STORE CREEK	1
NEW LISKFARM MUNICIPAL SUPPLY TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.864		2
NICKEL CENTRE FALCONBRIDGE TOWNSITE SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	8.000		2
NICKEL CENTRE CONISTON/ INCO SYSTEM TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.600	WANAPITEI RIVER	2
NORTH BAY MUNICIPAL PLANT CITY	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	15.700	TROUT LAKE	2
NORTH HIMSWORD CALLANDER WELL TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.648		1
ONAPING FALLS ONAPING SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.040		2
ONAPING FALLS LEVACK SUPPLY TOWN	SURFC SOURCE CHEM TRTMT GROUND SOURCE CHEM TRTMT	2.400	ONAPING RIVER	2
PARRY SOUND MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.380	GEORGIAN BAY	2
POWASSAN MUNICIPAL SUPPLY TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.288	GENESSEE CREEK	2
RATTER & DUNNETT WARREN HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.144		1

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
SAULT STE MARIE MUNICIPAL PLANT CITY	SURFC SOURCE NO TREATMENT GROUND SOURCE NO TREATMENT CHLORINATION	16.000	ST. MARY'S RIVER	2
SHACKLETON AND MATCHIN FAUQUIER TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.120	GROUNDHOG R	1
SHEDDEN SPANISH PLANT UNORGANISED TWP	GROUND SOURCE NO TREATMENT	.020		2
SMOOTH ROCK FALLS KENDREY MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	.000		2
SMOOTH ROCK FALLS MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.170	MATTAGAMI RIVER	2
SNYDER CREIGHTON SUPPLY UNORGANISED TWP	AREA SCHEME SOURCE	.000		2
SOUTH RIVER MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.240		2
STURGEON FALLS MUNICIPAL PLANT TOWN	SURFC SOURCE PHYSCL TRFATMT CHLORINATION	.540	STURGEON RIVER	2
SUDBURY COPPER CLIFF/INCO-VERMILION CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	10.000	VERMILION RIVER	2
SUDBURY MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	12.000	RAMSEY LAKE	2
TEMAGAMI NEW TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION	.245	NET LAKE	2
TEMAGAMI OLD TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION	.288	LAKE TEMAGAMI	2

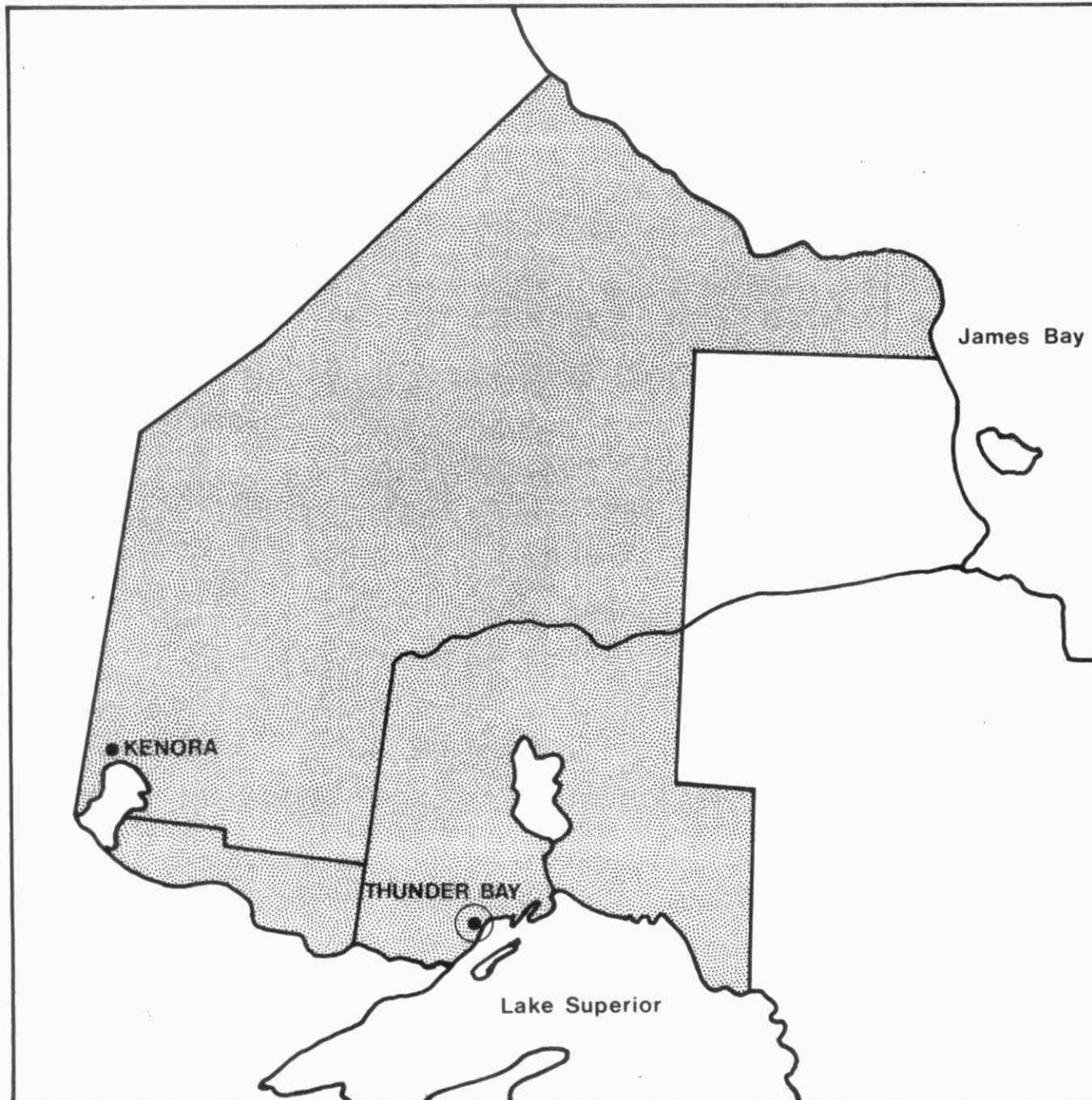
MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
THESSALON MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.730	LAKE HURON	2
TIMMINS MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	6.000	MATTAGAMI RIVER	2
TIMMINS MOUNTJOY SUPPLY CITY	AREA SCHEME SOURCE CHLORINATION	.000		2
TIMMINS SCHUMACHER SUPPLY CITY	AREA SCHEME SOURCE CHLORINATION FLUORIDATION	.000		2
TIMMINS SOUTH PORCUPINE PLANT CITY	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.151		2
TIMMINS PORCUPINE AND POTTSVILLE PLANT CITY	GROUND SOURCE NO TREATMENT	.346		2
VALLEY EAST NEELON AND GARSON SUPPLY TOWN	GROUND SOURCE NO TREATMENT	.660		2
VALLEY EAST TWP BLEZARD VALLEY WSS TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	3.900		1
WALDEN LIVELY SUPPLY TOWN	AREA SCHEME SOURCE	.000		2
WHITE RIVER MUNICIPAL PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION	.432	LITTLE TUKANEE LAKE	2
WICKSTEED HORNEPAYNE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.288		2

Northwestern Region

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REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
203 First St. S.
807-468-5578



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DISTRICT OFFICE
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NORTHWESTERN REGION SUMMARY

TREATMENT TYPE	NUMBER	TOTAL CAPACITY (MGD)
GROUND SOURCE NO TREATMENT	1	1.370
GROUND SOURCE PHYSICAL TREAT	2	16.650
SURFACE SOURCE NO TREATMENT	15	29.637
SURFACE SOURCE PHYSICAL TREATMENT	1	49.046
SURFACE SOURCE PHYS & CHEM TREATMENT	4	1.386
TOTAL MINISTRY OPERATED WORKS	5	1.716
TOTAL MUNICIPALLY OPERATED WORKS	21	96.373
TOTAL TREATMENT WORKS	<u>26</u>	<u>98.089</u>

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
				* 1-Ministry 2-Municipality
ATIKOKAN MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.100	ATIKOKAN RIVER	2
HALMERTOWN COCHENOUR TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION	1.730	BRUCE CHANNEL (RED LAKE)	2
HALMERTOWN HALMERTOWN TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	2.600	SANDY BAY (RED LAKE)	2
CARAMAT MUNICIPAL PLANT UNORGANISED TWP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.144	CARAMAT LAKE	2
DRYDEN MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	2.400	WABIGOON RIVER	2
EAR FALLS IMPROV DIST EAR FALLS TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.140	ENGLISH RIVER	1
EMO TWP EMO TWP WTP TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.090	RAINY RIVER	1
FORT FRANCES MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	7.600	RAINY RIVER	2
GERALDTON GERALDTON WWKS TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.936	CECILE LAKE	1
IGNACE IGNACE TOWNSITE SUPPLY TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.100	AGIMAC CREEK	2
KENORA NORMAN PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	.500	LAKE OF THE WOODS	2
KENORA MAIN PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	5.850	LAKE OF THE WOODS	2

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	* OPERATED BY
LONG LAKE MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE CHLORINATION	PHYS & CHEM TRTMT .432	LONG LAKE	2
MACHEN VERMILLION BAY TOWNSHIP	SURFC SOURCE CHLORINATION	PHYSCL TREATMT .500	VERMILLION BAY	1
MANITOWADGE MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE	PHYSCL TRTMT 1,150		2
MARATHON MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE	NO TREATMENT 1,370		2
NARINA MUNICIPAL SUPPLY IMPROVEMENT DISTRICT	SURFC SOURCE CHLORINATION	NO TREATMENT .691	HOWARD CREEK	2
NIPIGON MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE CHLORINATION	PHYSCL TREATMT .346	NIPIGON RIVER	2
RAINY RIVER MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	NO TREATMENT 2,160	RAINY RIVER	2
RED LAKE TWP RED LAKE WWS TOWNSHIP	SURFC SOURCE CHLORINATION	NO TREATMENT .250	SKOOKUM BAY (RED LAKE)	1
RED ROCK MUNICIPAL PLANT IMPROVEMENT DISTRICT	SURFC SOURCE CHLORINATION FLUORIDATION	PHYS & CHEM TRTMT .720	NIPIGON BAY (L SUPERIOR)	2
SCHREIBER MUNICIPAL SUPPLY TOWNSHIP	SURFC SOURCE CHLORINATION	NO TREATMENT .500	COOK'S LAKE	2
SIOUX LOOKOUT MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	NO TREATMENT 1,080	PELICAN LAKE	2
TERRACE BAY MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE CHLORINATION	PHYSCL TREATMT 32,400	LAKE SUPERIOR	2

* OPERATED BY

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Date Due

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