

**MUNICIPAL  
WASTEWATER TREATMENT FACILITIES  
IN  
NEW ENGLAND**

**United States  
Environmental  
Protection Agency**

**Region I**



**1987**

**MUNICIPAL  
WASTEWATER TREATMENT FACILITIES  
IN NEW ENGLAND**

**PREPARED BY  
DAVID LIM / RON JENNINGS  
TECHNICAL ASSISTANCE SECTION  
MUNICIPAL FACILITIES BRANCH  
WATER MANAGEMENT DIVISION**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
NEW ENGLAND REGIONAL OFFICE, BOSTON, MA**

**January 1987**

## FOREWARD

The purpose of this index is to present an alphabetical listing of all municipal wastewater treatment facilities in Region I. The information presented identifies each facility by location, design flow, type of treatment, and sludge disposal method. Additional information has been noted in the "remark" column.

Regulatory contacts for operation & maintenance and sludge management are presented on the following two pages. Key personnel have been identified along with their address and telephone number.

Every effort has been made to make this listing as current and complete as possible. However, because of the number of facilities involved and changes in operation which occasionally occur, it is inevitable that some errors will exist. We therefore request that any discrepancies be reported to:

David Lim / Ron Jennings  
US Environmental Protection Agency  
JFK Federal Building  
WMT-2113  
Boston, MA 02203

Tel: (617) 565-3584

Your help in enabling us to maintain accurate and updated information will be appreciated.

OPERATIONAL & MAINTENANCE

STATE CONTACTS

CONNECTICUT:

Roy Fredricksen  
Sewage Facilities Service Div.  
Local Assistance Unit  
Department of Environmental  
Protection  
627 Amity Road  
Bethany, CT 06525

Tel: (203) 393-2705

MAINE:

Dennis Keschl  
Div. of Operation and Maintenance  
Maine Department of Environmental  
Protection  
State House Station #17  
Augusta, ME 04330

Tel: (207) 289-3355

NEW HAMPSHIRE:

George Neill  
Operations Division  
NH Water Supply & Pollution  
Control Commision  
PO Box 95  
Concord, NH 03301

Tel: (603) 271-3325

RHODE ISLAND:

Edward Szymanski  
Dept. of Environmental  
Management  
83 Park Street  
Providence, RI 02908

Tel: (401) 277-3961

MASSACHUSETTS:

Robert Kimball  
Central Regional Office  
Div. of Water Pollution Control  
75 Grove Street  
Worcester, MA 01605

Tel: (617) 792-7650

Sabin Lord  
Northeast Regional Office  
DEQE  
Div. of Water Pollution Control  
5 Commonwealth Avenue  
Woburn, MA 01801

Tel: (617) 935-2160

Mark Schleeweis  
West Regional Office  
DEQE  
Div. of Water Pollution Control  
436 Dwight Street  
Springfield, MA 01103

Tel: (413) 785-5327

Philip Ripa  
Southeast Regional Office  
Div. of Water Pollution Control  
Lakeville Hospital  
Lakeville, MA 02347

Tel: (617) 947-1231 Ext. 680

VERMONT:

Richard Phillips  
Dept. of Water Resources &  
Environmental Engineering  
Building 9 South  
103 South Main Street  
Waterbury, VT 05676

Tel: (802) 828-3345

## SLUDGE MANAGEMENT

### FEDERAL / STATE CONTACTS

#### ENVIRONMENTAL PROTECTION AGENCY:

David Lim / Ron Jennings  
US Environmental Protection Agency  
John F. Kennedy Federal Building  
WMT 2113  
Boston, MA 02203

Tel: (617) 565-3584

#### NEW HAMPSHIRE:

Richard Flanders  
NH Water Supply and Pollution  
Control Commission  
PO Box 95  
Hazen Drive  
Concord, NH 03301

Tel: (603) 271-3398

#### CONNECTICUT:

Warren Herzig  
Dept. of Environmental Protection  
Water Compliance  
122 Washington Street  
Hartford, CT 06106

Tel: (203) 566-5760

Carl Woodbury  
NH Division of Public Health Service  
Office of Waste Management  
Health & Welfare Building  
6 Hazen Drive  
Concord, NH 03301-6527

Tel: (603) 271-4672

#### MAINE:

Karl Wilkins  
Dept. of Environmental Protection  
State House #17  
Augusta, ME 04333

Tel: (207) 289-2811

#### RHODE ISLAND:

Chris Campbell  
Dept. of Environmental Management  
83 Park Street  
Providence, RI 02903

Tel: (401) 277-3961

#### MASSACHUSETTS:

Steven Lipman  
Massachusetts DEQE  
Division of Water Pollution Control  
1 Winter Street  
Boston, MA 02106

Tel: (617) 292-5698

#### VERMONT:

Kathryn Gehr  
Residual Management Section  
Building 9 South  
103 South Main Street  
Waterbury, VT 05676

Tel: (802) 244-8744

## **KEY**

|            |                                          |
|------------|------------------------------------------|
| <b>AC</b>  | <b>ACTIVATED CARBON</b>                  |
| <b>AL</b>  | <b>AERATED LAGOON (s)</b>                |
| <b>AS</b>  | <b>ACTIVATED SLUDGE</b>                  |
| <b>AWT</b> | <b>ADVANCED WASTE TREATMENT</b>          |
| <b>EA</b>  | <b>EXTENDED AERATION</b>                 |
| <b>FL</b>  | <b>FACULTATIVE LAGOON (s)</b>            |
| <b>IMH</b> | <b>IMHOFF TANK (s)</b>                   |
| <b>OD</b>  | <b>OXIDATION DITCH (s)</b>               |
| <b>P</b>   | <b>PRIMARY WASTEWATER TREATMENT</b>      |
| <b>PC</b>  | <b>PHYSICAL - CHEMICAL</b>               |
| <b>PP</b>  | <b>POLISHING POND (s)</b>                |
| <b>PS</b>  | <b>PHOSPHORUS REMOVAL</b>                |
| <b>RBC</b> | <b>ROTATING BIOLOGICAL CONTACTOR (s)</b> |
| <b>RI</b>  | <b>RAPID INFILTRATION OF EFFLUENT</b>    |
| <b>SEC</b> | <b>SECONDARY WASTEWATER TREATMENT</b>    |
| <b>SF</b>  | <b>SAND FILTER (s)</b>                   |
| <b>SP</b>  | <b>STABILIZATION POND (s)</b>            |
| <b>ST</b>  | <b>SEPTIC TANK (s)</b>                   |
| <b>TF</b>  | <b>TRICKLING FILTER (s)</b>              |
| <b>UV</b>  | <b>ULTRA-VIOLET DISINFECTION</b>         |

REGION I PUBLICLY OWNED TREATMENT WORKS  
SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    | 25    | 25        |                   |                 |                |                 |                  |             |
| P     | 45    | 7         | 6                 | 3               | 17             | 3               | 2                | 7           |
| IMH   | 7     | 2         | 2                 | 1               | 2              |                 |                  |             |
| TF    | 36    | 6         | 3                 | 4               | 19             | 2               | 1                | 1           |
| AS    | 215   | 26        | 10                | 25              | 92             | 27              | 22               | 13          |
| EA    | 92    | 35        | 22                | 16              | 18             | 1               |                  |             |
| AL    | 58    | 29        | 11                | 9               | 9              |                 |                  |             |
| OD    | 35    | 21        | 8                 | 5               | 1              |                 |                  |             |
| SP    | 17    | 6         | 7                 | 2               | 2              |                 |                  |             |
| RBC   | 21    | 7         | 2                 | 2               | 9              | 1               |                  |             |
| AC    | 1     |           |                   |                 |                | 1               |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    | 1     |           | 1                 |                 |                |                 |                  |             |
| TOTAL | 553   | 164       | 72                | 67              | 169            | 35              | 25               | 21          |

Summary of Sludge Disposal Methods by Plant Size

|                  |     |    |    |    |     |    |    |    |
|------------------|-----|----|----|----|-----|----|----|----|
| COMPOSTING       | 22  | 1  | 1  | 5  | 9   | 6  |    |    |
| INCINERATION     | 17  |    |    |    | 3   | 1  | 3  | 10 |
| LAND APPLICATION | 142 | 52 | 27 | 15 | 39  | 4  | 4  | 1  |
| LANDFILL         | 253 | 44 | 30 | 34 | 103 | 21 | 14 | 7  |
| OCEAN DISCHARGE  | 2   |    |    |    |     |    |    | 2  |
| TRANSPORT        | 48  | 29 | 2  | 3  | 5   | 4  | 4  | 1  |
| STORING          | 4   |    | 3  |    | 1   |    |    |    |

# CONNECTICUT PUBLICLY OWNED TREATMENT WORKS

## SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    | 1     | 1         |                   |                 |                |                 |                  |             |
| P     | 3     |           |                   |                 | 1              |                 | 1                | 1           |
| IMH   |       |           |                   |                 |                |                 |                  |             |
| TF    | 18    | 2         | 2                 | 2               | 8              | 2               | 1                | 1           |
| AS    | 55    | 1         |                   | 7               | 23             | 12              | 8                | 4           |
| EA    | 10    | 2         | 3                 | 4               | 1              |                 |                  |             |
| AL    |       |           |                   |                 |                |                 |                  |             |
| OD    |       |           |                   |                 |                |                 |                  |             |
| SP    |       |           |                   |                 |                |                 |                  |             |
| RBC   | 1     |           |                   |                 | 1              |                 |                  |             |
| AC    | 1     |           |                   |                 |                | 1               |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    |       |           |                   |                 |                |                 |                  |             |
| TOTAL | 89    | 6         | 5                 | 13              | 34             | 15              | 10               | 6           |

## Summary of Sludge Disposal Methods by Plant Size

|                  |    |   |   |    |    |   |   |   |
|------------------|----|---|---|----|----|---|---|---|
| COMPOSTING       | 2  |   |   |    | 1  | 1 |   |   |
| INCINERATION     | 10 |   |   |    | 2  | 1 | 2 | 5 |
| LAND APPLICATION | 3  |   |   |    | 1  | 1 | 1 |   |
| LANDFILL         | 58 | 5 | 5 | 10 | 27 | 8 | 3 |   |
| OCEAN DISCHARGE  |    |   |   |    |    |   |   |   |
| TRANSPORT        | 16 | 1 |   | 3  | 3  | 4 | 4 | 1 |



# WASTEWATER TREATMENT FACILITIES

PAGE 1

STATE: Connecticut

| LOCATION                           | TELEPHONE<br>(203)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                     |
|------------------------------------|----------------------|-------------------------|-------------------------|------------------------------|---------------------------------------------|
| ANSONIA                            | 735-9531             | 3.50                    | AS                      | TRANSPORT                    | Sludge trucked to Naugatuck                 |
| BEACON FALLS                       | 729-2926             | 0.50                    | AS                      | TRANSPORT                    | Sludge trucked to Naugatuck                 |
| BETHEL                             | 743-9231<br>EXT. 27  | 1.00                    | AS                      | LANDFILL                     | Phosphorus removal                          |
| BRANFORD                           | 488-3125             | 4.50                    | AS                      | LANDFILL                     | Pure oxygen plant                           |
| BRIDGEPORT E.                      | 576-7695             | 12.00                   | AS                      | TRANSPORT                    | Sludge trucked to Naugatuck                 |
| BRIDGEPORT W.                      | 576-7694             | 30.00                   | AS                      | TRANSPORT                    | Sludge trucked to Naugatuck                 |
| BRISTOL<br>(MAIN)                  | 584-7794             | 3.50                    | TF                      | COMPOST                      | Being upgraded to AS;<br>Nitrification; AWT |
| BRISTOL<br>(FORRESTVILLE)          | 584-7795             | 5.00                    | TF                      | TRANSPORT                    | To be eliminated; tying<br>into main plant  |
| CANTON                             | 693-2235             | 0.37                    | TF                      | LANDFILL                     |                                             |
| CHESHIRE                           | 272-9105             | 1.50                    | AS                      | LANDFILL                     |                                             |
| CONNECTICUT<br>VALLEY HOSP.        | 347-5651<br>EXT. 515 | 0.75                    | TF                      | LANDFILL                     |                                             |
| CROMWELL (MATT-<br>ABASSETT DIST.) | 635-5550             | 30.00                   | P                       | INCINERATION                 | Upgrade to AS being planned                 |
| DANBURY                            | 797-4635             | 12.50                   | TF                      | LANDFILL                     | Phosphorus removal                          |
| DERBY                              | 735-3122             | 3.03                    | AS                      | LANDFILL                     |                                             |
| EAST HAMPDEN                       | 267-4142             | 3.90                    | AS                      | LANDFILL                     |                                             |
| EAST HARTFORD<br>MIX               | 278-7850             | 10.50                   | AS                      | TRANSPORT                    | Sludge piped to Hartford                    |
| EAST WINSTON                       | 623-0284             | 0.80                    | AS                      | LANDFILL                     |                                             |
| ENFIELD                            | 623-8883             | 10.00                   | AS                      | LAND<br>APPLICATION          | Incinerate in winter                        |
| FAIRFIELD                          | 255-8310             | 9.00                    | AS                      | LANDFILL                     |                                             |
| FAIRFIELD<br>HILLS HOSP.           | 426-2531<br>EXT. 252 | 0.50                    | TF                      | LANDFILL                     | Sand Filters                                |
| FARMINGTON                         | 673-8257             | 3.72                    | TF                      | LANDFILL                     |                                             |

# WASTEWATER TREATMENT FACILITIES

PAGE 2

STATE: Connecticut

| LOCATION                     | TELEPHONE<br>(203)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                        |
|------------------------------|----------------------|-------------------------|-------------------------|------------------------------|------------------------------------------------|
| GLASTONBURY                  | 659-2711             | 3.22                    | AS                      | TRANSPORT                    | Sludge trucked to<br>Hartford                  |
| GREENWICH                    | 622-0963             | 8.50                    | AS                      | COMPOST                      |                                                |
| GRISWOLD<br>(JEWETT CITY)    | 376-0556             | 0.50                    | EA                      | LANDFILL                     |                                                |
| GROTON<br>(CITY)             | 445-8571             | 3.10                    | AS                      | LANDFILL                     |                                                |
| GROTON (TOWN)                | 445-8551             | 5.00                    | AS                      | LANDFILL                     |                                                |
| HARTFORD                     | 278-7850<br>EXT. 454 | 66.00                   | AS                      | INCINERATION                 |                                                |
| HERITAGE<br>VILLAGE          | 264-8080             | 0.52                    | EA                      | TRANSPORT                    | Sludge trucked to<br>Naugatuck; Recent upgrade |
| KENT                         | 927-4075             | 0.14                    | EA                      | LAND<br>APPLICATION          |                                                |
| KILLINGLY                    | 774-7723             | 8.00                    | AS                      | TRANSPORT                    | Sludge trucked to<br>Naugatuck                 |
| LEDYARD (LIFE<br>TIME HOMES) | 464-8740             | 0.24                    | TF                      | LANDFILL                     | Sand filters                                   |
| LITCHFIELD                   | 567-8875             | 0.77                    | AS                      | LANDFILL                     |                                                |
| MANCHESTER                   | 647-3212             | 6.75                    | AS                      | LANDFILL                     |                                                |
| MANSFIELD<br>(TRAINING SCL)  | 429-6451             | 0.30                    | TF                      | LANDFILL                     | Sand filters                                   |
| MERIDEN                      | 235-4544             | 11.60                   | AS                      | LANDFILL                     | Recently upgraded;<br>Nitrification            |
| MIDDLETOWN                   | 347-6387             | 6.75                    | AS                      | LANDFILL                     |                                                |
| MILFORD:                     | 878-1731             | 2.40                    |                         |                              |                                                |
| -BEAVER BROOK                | 783-3277             |                         | AS                      | LANDFILL                     |                                                |
| -GULF POND                   | 874-1499             |                         | AS                      | LANDFILL                     | To be eliminated                               |
| -HARBOR                      | 877-2899             |                         | AS                      | LANDFILL                     | To be eliminated                               |
| -TOWN MEADOWS                | 874-1617             |                         | AS                      | LANDFILL                     | To be eliminated                               |
| -HOUSATONIC                  | 878-1731             |                         | AS                      |                              | Under construction                             |

# WASTEWATER TREATMENT FACILITIES

PAGE 3

STATE: Connecticut

| LOCATION                      | TELEPHONE<br>(203) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                                |
|-------------------------------|--------------------|-------------------------|-------------------------|------------------------------|--------------------------------------------------------|
| MONTVILLE                     | 848-3830           | 1.40                    | AS                      | LANDFILL                     |                                                        |
| NAUGATUCK                     | 723-1433           | 6.74                    | AS                      | INCINERATION                 |                                                        |
| NEW CANAAN                    | 972-0181           | 1.50                    | AS                      | INCINERATION                 | Co-incineration with<br>municipal refuse               |
| NEW HARTFORD                  | 379-8884           | 0.07                    | EA                      | TRANSPORT                    | Sludge trucked to<br>Hartford                          |
| NEW HAVEN:                    |                    |                         |                         |                              |                                                        |
| -BOULEVARD                    | 787-8107           | 13.00                   | P                       | TRANSPORT                    | Sludge trucked to East<br>Shore. Tying into East Shore |
| -EAST SHORE                   | 787-8155           | 40.00                   | AS                      | INCINERATION                 |                                                        |
| NEW LONDON                    | 443-4560           | 10.00                   | AS                      | INCINERATION                 | Occasional land<br>application                         |
| NEW MILFORD                   | 354-3758           | 0.50                    | AS                      | LANDFILL                     | Upgrading to 1.0 MGD;<br>Phosphorus removal            |
| NORFOLK                       | 542-5647           | 0.31                    | EA                      | LANDFILL                     |                                                        |
| NORTH CANAAN<br>(CANAAN F.D.) | 824-0050           | 0.34                    | EA                      | LANDFILL                     |                                                        |
|                               | 239-5321           |                         |                         |                              |                                                        |
| NORTH HAVEN                   | EXT. 476           | 4.57                    | TF                      | LANDFILL                     |                                                        |
| NORWALK                       | 854-7769           | 15.00                   | AS                      | INCINERATION                 |                                                        |
| NORWICH                       | 887-2555           | 8.50                    | AS                      | LANDFILL                     |                                                        |
| PLAINFIELD<br>(CT VILLAGE)    | 564-3335           | 0.71                    | EA                      | TRANSPORT                    | Sludge trucked to<br>Plainfield North                  |
| PLAINFIELD<br>(NORTH)         | 564-3335           | 1.08                    | AS                      | LANDFILL                     |                                                        |
|                               | 793-0221           |                         |                         |                              |                                                        |
| PLAINVILLE                    | EXT. 265           | 3.20                    | RBC                     | LANDFILL                     | Nitrification; AWT                                     |
| PLYMOUTH<br>(TERRYVILLE)      | 582-4881           | 1.20                    | TF                      | LANDFILL                     | AWT                                                    |
| PORTLAND                      | 342-3159           | 1.20                    | AS                      | LANDFILL                     |                                                        |
| PUTNAM                        | 928-3383           | 2.91                    | AS                      | LANDFILL                     |                                                        |
| RIDGEFIELD                    | 438-8615           | 0.72                    | AS                      | LANDFILL                     |                                                        |

## WASTEWATER TREATMENT FACILITIES

PAGE 4

STATE: Connecticut

| LOCATION                     | TELEPHONE<br>(203)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                  |
|------------------------------|----------------------|-------------------------|-------------------------|------------------------------|------------------------------------------|
| ROCKY HILL<br>(HARTFORD)     | 278-7850<br>EXT. 490 | 7.50                    | AS                      | TRANSPORT                    | Sludge piped to<br>Hartford              |
| SALISBURY                    | 435-9526             | 0.68                    | EA                      | LANDFILL                     | Phosphorus removal                       |
| SEYMOUR                      | 735-0288             | 1.00                    | AS                      | LANDFILL                     |                                          |
| SHELTON                      | 735-8288             | 2.74                    | AS                      | LANDFILL                     |                                          |
| SIMSBURY                     | 658-1380             | 1.80                    | AS                      | TRANSPORT                    | Sludge trucked to<br>Hartford            |
| SOMERS                       | 749-0512             | 0.07                    | ST                      | LANDFILL                     | Sand filters                             |
| SOUTH WINDSOR                | 289-0158             | 3.75                    | AS                      | INCINERATION                 |                                          |
| SOUTHBURY<br>(TRAINING SCL)  | 264-8231             | 0.20                    | TF                      | LANDFILL                     | Sand filters and<br>nitrification        |
| SOUTHINGTON                  | 628-8530             | 7.40                    | AS                      | LANDFILL                     |                                          |
| SPRAGUE<br>(BAL TIC)         | 822-8818             | 0.40                    | EA                      | LANDFILL                     |                                          |
| STAFFORD                     | 684-4914             | 2.00                    | AS                      | LANDFILL                     | Sand filters                             |
| STAMFORD                     | 358-4590<br>EXT. 750 | 20.00                   | AS                      | INCINERATION                 | Co-incineration with<br>municipal refuse |
| STONINGTON<br>(BOROUGH)      | 535-1333             | 0.67                    | AS                      | LANDFILL                     |                                          |
| STONINGTON<br>(MYSTIC PLANT) | 536-4355             | 0.80                    | AS                      | LANDFILL                     |                                          |
| STONINGTON<br>(PAWCATUCK)    | 599-4548             | 1.31                    | AS                      | LANDFILL                     |                                          |
| STRATFORD                    | 385-4065             | 11.50                   | AS                      | TRANSPORT                    | Sludge trucked to<br>Naugatuck           |
| SUFFIELD                     | 668-5034             | 1.35                    | P                       | LANDFILL                     |                                          |
| THOMASTON                    | 283-4263             | 1.20                    | AS                      | LANDFILL                     |                                          |
| THOMPSON                     | 928-2300             | 1.36                    | EA                      | LAND<br>APPLICATION          |                                          |
| TORRINGTON                   | 485-9166             | 7.00                    | AS                      | TRANSPORT                    | Sludge trucked to<br>Naugatuck           |
| U. of CT<br>(STORRS)         | 486-4235             | 1.98                    | TF                      | LANDFILL                     | Sand filters                             |

# WASTEWATER TREATMENT FACILITIES

PAGE 5

STATE: Connecticut

| LOCATION                   | TELEPHONE<br>(203) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                   |
|----------------------------|--------------------|-------------------------|-------------------------|------------------------------|---------------------------|
| VERNON<br>(ROCKVILLE)      | 871-0859           | 6.40                    | AC                      | LAND<br>APPLICATION          | AWT                       |
| WALLINGFORD                | 269-0622           | 5.00                    | TF                      | LANDFILL                     | Upgrading to RBC facility |
| WATERBURY                  | 574-8265           | 20.00                   | TF                      | INCINERATION                 |                           |
| WATERFORD<br>(SEASIDE REG) |                    | 0.06                    | AS                      | LANDFILL                     | To be eliminated          |
| WATERTOWN                  | 274-4349           | 1.00                    | TF                      | LANDFILL                     |                           |
| WEST HAVEN                 | 934-7823           | 12.70                   | AS                      | LANDFILL                     |                           |
| WESTPORT                   | 227-4546           | 2.85                    | AS                      | LANDFILL                     |                           |
| WINCHESTER/<br>WINSTED     | 379-4905           | 1.50                    | TF                      | LANDFILL                     |                           |
| WINDHAM/<br>WILLIMANTIC    | 423-7103           | 5.50                    | AS                      | LANDFILL                     |                           |
| WINDSOR<br>(POQUONOCK)     | 688-5420           | 1.25                    | TF                      | LANDFILL                     |                           |
| WINDSOR LOCKS              | 623-0110           | 2.12                    | AS                      | LANDFILL                     |                           |

MAINE PUBLICLY OWNED TREATMENT WORKS  
SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    | 9     | 9         |                   |                 |                |                 |                  |             |
| P     | 9     | 2         | 3                 | 1               | 2              | 1               |                  |             |
| IMH   |       |           |                   |                 |                |                 |                  |             |
| TF    | 1     | 1         |                   |                 |                |                 |                  |             |
| AS    | 59    | 18        | 6                 | 7               | 23             | 2               | 2                | 1           |
| EA    | 4     | 1         | 1                 |                 | 2              |                 |                  |             |
| AL    | 12    | 4         | 1                 | 2               | 5              |                 |                  |             |
| OD    | 15    | 10        | 3                 | 2               |                |                 |                  |             |
| SP    | 4     |           | 2                 | 1               | 1              |                 |                  |             |
| RBC   | 8     | 1         | 2                 | 1               | 4              |                 |                  |             |
| AC    |       |           |                   |                 |                |                 |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    | 1     |           | 1                 |                 |                |                 |                  |             |
| TOTAL | 122   | 45        | 20                | 15              | 36             | 3               | 2                | 1           |

Summary of Sludge Disposal Methods by Plant Size

|                  |    |    |    |   |    |   |   |   |
|------------------|----|----|----|---|----|---|---|---|
| COMPOSTING       | 11 | 1  | 1  | 1 | 7  | 1 |   |   |
| INCINERATION     |    |    |    |   |    |   |   |   |
| LAND APPLICATION | 62 | 21 | 13 | 9 | 16 | 1 | 1 | 1 |
| LANDFILL         | 33 | 12 | 5  | 3 | 11 | 1 | 1 |   |
| OCEAN DISCHARGE  |    |    |    |   |    |   |   |   |
| TRANSPORT        | 4  | 4  |    |   |    |   |   |   |

# WASTEWATER TREATMENT FACILITIES

PAGE 1

STATE: Maine

| LOCATION                     | TELEPHONE<br>(207) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                         |
|------------------------------|--------------------|-------------------------|-------------------------|------------------------------|---------------------------------|
| ANSON-MADISON                | 696-3246           | 4.30                    | AL                      | LANDFILL                     |                                 |
| ASHLAND WATER &<br>SEWER     | 435-6927           | 0.30                    | FL                      |                              |                                 |
| AUGUSTA                      | 623-4633           | 7.95                    | AS                      | LANDFILL                     |                                 |
| BAILEYVILLE<br>(WOODLAND)    | 427-3889           | 0.30                    | OD                      | LANDFILL                     |                                 |
| BANGOR                       | 942-9416           | 7.50                    | P                       | COMPOSTING                   |                                 |
| BAR HARBOR:<br>(MAIN)        | 288-4028           | 1.20                    | AS                      | COMPOSTING                   |                                 |
| DEGREGOIRE<br>PARK           | 288-4028           | 0.01                    | AS                      | TRANSPORT                    | Sludge trucked to<br>main plant |
| HULLS COVE                   | 288-4028           | 0.07                    | OD                      | TRANSPORT                    | Sludge trucked to<br>main plant |
| BATH                         | 442-8198           | 1.63                    | AS                      | LAND<br>APPLICATION          |                                 |
| BELFAST                      | 338-1744           | 0.50                    | AS                      | LAND<br>APPLICATION          |                                 |
| BERWICK                      | 698-5740           | 1.10                    | AS                      | LANDFILL                     |                                 |
| BETHEL                       | 824-2105           | 0.30                    | EA                      | LAND<br>APPLICATION          |                                 |
| BETHEL SCHOOL<br>DISTRICT    | 824-2105           | 0.01                    | OD                      | LAND<br>APPLICATION          |                                 |
| BIDDEFORD                    | 282-1350           | 3.20                    | AS                      | LANDFILL                     |                                 |
| BINGHAM                      | 672-4484           | 0.09                    | AS                      | LAND<br>APPLICATION          |                                 |
| BLUE HILL                    | 374-9987           | 0.07                    | AS                      | LANDFILL                     |                                 |
| BOND BROOK<br>FILTER AUGUSTA | 623-8540           | 0.04                    | ST                      | LANDFILL                     | Sand filters                    |
| BOOTHBAY<br>HARBOR           | 633-4663           | 0.64                    | P                       | LANDFILL                     |                                 |
| BREWER                       | 989-5417           | 3.00                    | AS                      | LAND<br>APPLICATION          |                                 |
| BRUNSWICK                    | 725-2708           | 2.20                    | P                       | LAND<br>APPLICATION          |                                 |
| CALAIS                       | 454-3010           | 0.74                    | AS                      | LANDFILL                     |                                 |

# WASTEWATER TREATMENT FACILITIES

PAGE 2

STATE: Maine

| LOCATION                        | TELEPHONE<br>(207) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                  |
|---------------------------------|--------------------|-------------------------|-------------------------|------------------------------|------------------------------------------|
| CAMDEN                          | 236-4383           | 1.21                    | AS                      | LANDFILL                     |                                          |
| CANTON                          | 597-2247           | 0.25                    | SP                      | LANDFILL                     | System designed for seven months storage |
| CAPE ELIZABETH<br>(HUNTS POINT) | 799-4151           | 0.01                    | AS                      | LAND<br>APPLICATION          | To be eliminated                         |
| CAPE ELIZABETH<br>(SPURWINK)    | 799-4151           | 0.24                    | OD                      | LAND<br>APPLICATION          | To be eliminated                         |
| CARIBOU                         | 493-3125           | 1.41                    | AL                      |                              |                                          |
| CASTINE                         | 326-4845           | 0.13                    | AS                      | LANDFILL                     | Awaiting construction                    |
| CHARLESTOWN<br>CORRECTIONAL     | 285-3307           | 0.02                    | AS                      | LAND<br>APPLICATION          | Sand filters                             |
| CLINTON                         | 426-8039           | 0.15                    | AL                      |                              | Design complete                          |
| CORINNA                         | 278-5442           | 1.20                    | AS                      | LAND<br>APPLICATION          |                                          |
| CUTLER NAVAL<br>COMMUNICATIONS  | 259-8240           | 0.03                    | AS                      | LAND<br>APPLICATION          |                                          |
| DEXTER                          | 924-7351           | 0.28                    | AL                      | LANDFILL                     | Spray irrigation;<br>under construction  |
| EAGLE LAKE                      | 444-5441           | 0.15                    | AL                      |                              | Spray irrigation                         |
| EAST<br>MILLINOCKET             | 746-9327           | 1.50                    | P                       | LANDFILL                     | New                                      |
| EAST<br>VASSALBORO              | 923-3300           | 0.02                    | ST                      | LAND<br>APPLICATION          | Sand filters                             |
| ELLSWORTH                       | 667-7315           | 0.65                    | RBC                     | LAND<br>APPLICATION          |                                          |
| FALMOUTH                        | 781-4462           | 0.65                    | AS                      | LAND<br>APPLICATION          |                                          |
| FARMINGTON                      | 778-4712           | 0.60                    | OD                      | LAND<br>APPLICATION          |                                          |
| FORT<br>FAIRFIELD               | 472-1391           | 0.48                    | RBC                     | LAND<br>APPLICATION          |                                          |
| FORT KENT                       | 834-3463           | 0.70                    | OD                      | LAND<br>APPLICATION          |                                          |
| FREEPORT                        | 865-3540           | 0.49                    | AS                      | LAND<br>APPLICATION          |                                          |
| GARDINER                        | 582-1351           | 1.65                    | RBC                     | LAND<br>APPLICATION          |                                          |



## WASTEWATER TREATMENT FACILITIES

PAGE 3

STATE: Maine

| LOCATION                        | TELEPHONE<br>(207) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                       |
|---------------------------------|--------------------|-------------------------|-------------------------|------------------------------|-------------------------------|
| GUILFORD<br>SANGERVILLE         | 876-3066           | 1.00                    | AL                      | LANDFILL                     | Design complete               |
| HARTLAND                        | 938-4675           | 1.23                    | EA                      | LANDFILL                     |                               |
| HOULTON                         | 532-2250           | 1.50                    | AS                      | LAND<br>APPLICATION          |                               |
| HOWLAND                         | 732-3513           | 0.65                    | SP                      | LANDFILL                     | Not built yet                 |
| ISLESBORO                       | 832-7584           | 0.02                    | ST                      | LANDFILL                     | Sand filter                   |
| KENNEBEC                        | 873-0611           | 12.70                   | AS                      | LANDFILL                     |                               |
| KENNEBUNK<br>(WATER ST.)        | 985-4741           | 1.30                    | RBC                     | LAND<br>APPLICATION          | Upgrading;<br>UV disinfection |
| KENNEBUNKPORT                   | 967-2245           | 1.00                    | AS                      | COMPOSTING                   | Recent upgrade                |
| KINGFIELD                       | 265-4636           | 0.06                    | ST                      | LANDFILL                     |                               |
| KITTERY                         | 439-4646           | 1.30                    | EA                      | COMPOSTING                   | Land application also         |
| LEWISTON<br>(AUBURN)            | 782-0917           | 14.20                   | AS                      | LAND<br>APPLICATION          |                               |
| LIMERICK                        | 282-3564           | 0.75                    | AL                      |                              |                               |
| LIMESTONE                       | 325-4788           | 0.30                    | AS                      | LAND<br>APPLICATION          |                               |
| LINCOLN                         | 794-8244           | 1.07                    | RBC                     | LAND<br>APPLICATION          | New                           |
| LISBON                          | 353-5531           | 1.50                    | AS                      | LAND<br>APPLICATION          |                               |
| LIVERMORE FALLS<br>(CLAY BROOK) | 897-2339           | 0.01                    | ST                      |                              | Sand filter                   |
| LIVERMORE FALLS<br>(TOWN)       | 897-2339           | 1.00                    | AS                      | LAND<br>APPLICATION          |                               |
| MACHIAS                         | 255-3295           | 0.30                    | AS                      | LAND<br>APPLICATION          |                               |
| MADAWASKA                       | 728-6079           | 0.60                    | AS                      | LAND<br>APPLICATION          |                               |
| MAINE<br>CORRECTIONAL CTR       | 892-6716           | 0.07                    | OD                      | LAND<br>APPLICATION          | Recent upgrade                |
| MAPLETON SD                     | 764-5262           | 0.08                    | AS                      | LAND<br>APPLICATION          |                               |

# WASTEWATER TREATMENT FACILITIES

PAGE 4

STATE: Maine

| LOCATION                                     | TELEPHONE<br>(207)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD    | REMARKS                          |
|----------------------------------------------|----------------------|-------------------------|-------------------------|---------------------------------|----------------------------------|
| MARS HILL                                    | 425-3731             | 0.35                    | P                       | LAND<br>APPLICATION             |                                  |
| MECHANIC FALLS                               | 345-3077             | 0.49                    | OD                      | LAND<br>APPLICATION             | New                              |
| MILLINOCKET<br>MINIMUM SEC.<br>UNIT (WARREN) | 723-8129<br>273-2036 | 2.33<br>0.01            | AL<br>OD                | LAND<br>APPLICATION<br>LANDFILL |                                  |
| MOOSEHEAD SD                                 | 695-3849             | 0.17                    | AL                      | LANDFILL                        | Spray irrigation                 |
| MOUNT DESERT:                                |                      |                         |                         |                                 |                                  |
| N.E. HARBOR                                  | 276-5544             | 0.33                    | AS                      |                                 |                                  |
| OTTER CREEK                                  | 276-5544             | 0.13                    | OD                      |                                 |                                  |
| SEAL HARBOR                                  | 276-5544             | 0.15                    | AS                      |                                 |                                  |
| SOMESVILLE                                   | 276-5544             | 0.08                    | AS                      |                                 |                                  |
| NEWPORT                                      | 368-5129             | 0.52                    | AL                      |                                 | New                              |
| NORTH JAY                                    | 645-4246             | 0.06                    | AS                      | LAND<br>APPLICATION             |                                  |
| NORTH<br>VASSALBORO                          | 923-3300             | 0.03                    | ST                      | LAND<br>APPLICATION             | Sand filters                     |
| NORWAY                                       | 743-6651             | 0.05                    | AL                      | LANDFILL                        |                                  |
| OAKLAND                                      | 465-7198             | 0.50                    | AS                      | LAND<br>APPLICATION             |                                  |
| OGUNQUIT                                     | 646-2028             | 0.60                    | AS                      | LAND<br>APPLICATION             |                                  |
| OLD ORCHARD<br>BEACH                         | 934-5754             | 1.50                    | AS                      | COMPOSTING                      | Upgrade/expansion in<br>progress |
| OLD TOWN                                     | 827-5535             | 1.70                    | RBC                     | COMPOSTING                      |                                  |
| ORONO                                        | 866-4797             | 1.84                    | AS                      | COMPOSTING                      |                                  |
| PARTS UTIL.<br>DISTRICT                      | 743-5134             | 1.30                    | AS                      | LANDFILL                        |                                  |
| PASSAMAQUODDY:<br>HOUSING (STRIP)            | 796-2856             | 0.02                    | EA                      | LANDFILL                        |                                  |

## WASTEWATER TREATMENT FACILITIES

PAGE 5

STATE: Maine

| LOCATION                          | TELEPHONE<br>(207) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                 |
|-----------------------------------|--------------------|-------------------------|-------------------------|------------------------------|-----------------------------------------|
| PASSAMAQUODDY:<br>PLEASANT POINT  | 853-2551           | 0.04                    | OD                      | LANDFILL                     |                                         |
| PATTEN                            | 528-2215           | 0.02                    | ST                      | LAND<br>APPLICATION          | Sand filters; facility not<br>completed |
| PENOBSCOT BAY<br>MEDICAL CENTER   | 594-9511           | 0.09                    | AS                      | LAND<br>APPLICATION          |                                         |
| PENOBSCOT INDIAN<br>NATION ADMIN. | 827-6097           | 0.07                    | OD                      | LANDFILL                     |                                         |
| PINELAND CTR.                     | 688-4811           | 0.15                    | TF                      | LAND<br>APPLICATION          |                                         |
| PITTSFIELD                        | 487-3136           | 1.20                    | SP                      | LANDFILL                     |                                         |
| PORTLAND<br>(CITY)                | 774-5961           | 36.80                   | AS                      | LAND<br>APPLICATION          | Composting also                         |
| PORTLAND<br>(WESTBROOK)           | 856-6832           | 4.50                    | AS                      | LAND<br>APPLICATION          | Composting also                         |
| PRESQUE ISLE<br>ARROSTOCK         | 764-1329           | 2.31                    | AS                      | LAND<br>APPLICATION          | Recently upgraded                       |
| RANGELEY                          | 864-5567           | 0.14                    | OD                      | LAND<br>APPLICATION          | Phosphorus removal                      |
| RICHMOND                          | 737-4721           | 0.20                    | P                       | LAND<br>APPLICATION          |                                         |
| RICKLAND                          | 596-6530           | 2.90                    | AS                      | LANDFILL                     |                                         |
| RUMFORD-MEXICO<br>(RIVER RD)      | 364-7225           | 2.65                    | AS                      | LAND<br>APPLICATION          |                                         |
| RUMFORD<br>(RUMFORD PT)           | 364-7225           | 0.02                    | AS                      | LAND<br>APPLICATION          |                                         |
| SARATTOUS<br>SAC)                 | 375-8008           | 0.02                    | ST                      | LAND<br>APPLICATION          | Sand filters                            |
| (CITY PROPER)                     | 282-3564           | 1.30                    | AS                      | COMPOSTING                   |                                         |
| ST. AGATHA                        | 543-7422           | 0.06                    | AS                      | LANDFILL                     |                                         |
| SANFORD S.D.                      | 324-0047           | 3.00                    | AL                      | LANDFILL                     | Phosphorus removal                      |
| SCARBOROUGH                       | 883-4663           | 1.80                    | AS                      | COMPOSTING                   |                                         |
| SKOWHEGAN                         | 474-5191           | 1.44                    | AS                      | LANDFILL                     |                                         |
| SOUTH BERTWICK                    | 384-2550           | 0.37                    | P                       | LAND<br>APPLICATION          |                                         |

## WASTEWATER TREATMENT FACILITIES

PAGE 6

STATE: Maine

| LOCATION                           | TELEPHONE<br>(207) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                                |
|------------------------------------|--------------------|-------------------------|-------------------------|------------------------------|--------------------------------------------------------|
| SOUTH<br>PORTLAND                  | 799-2552           | 5.50                    | AS                      | LAND<br>APPLICATION          | Composting and landfill also                           |
| SOUTHWEST<br>HARBOR                | 244-7778           | 0.38                    | AS                      | COMPOSTING                   |                                                        |
| THOMASTON                          | 354-6133           | 0.46                    | AS                      | LAND<br>APPLICATION          |                                                        |
| TOGUS V.A.<br>HOSPITAL             | 623-8411           | 0.24                    | OD                      | LAND<br>APPLICATION          | UV disinfection                                        |
| UNITY                              | 948-3815           | 0.25                    | SP                      |                              |                                                        |
| UNIVERSITY OF S.<br>MAINE (GORHAM) | 780-5405           | 0.01                    | AS                      | TRANSPORT                    |                                                        |
| VAN BUREN                          | 868-3975           | 0.56                    | AS                      | LAND<br>APPLICATION          |                                                        |
| VASSALBORO<br>(CEMETARY ST)        | 872-7263           | 0.03                    | ST                      | LAND<br>APPLICATION          | Sand filters                                           |
| WALDOBORO                          | 832-7584           | 0.20                    | AS                      | LAND<br>APPLICATION          |                                                        |
| WASHBURN                           | 455-8485           | 0.35                    | P                       | LANDFILL                     | Not constructed; in prelimi-<br>nary engineering stage |
| WELLS                              | 646-5906           | 1.10                    | AS                      | LAND<br>APPLICATION          |                                                        |
| WILTON                             | 645-3682           | 0.45                    | RBC                     | LAND<br>APPLICATION          |                                                        |
| WINTER HARBOR                      | 963-5579           | 0.13                    | AS                      | COMPOSTING                   |                                                        |
| WINTER HARBOR<br>NAVAL SEC. UNIT   | 963-7650           | 0.01                    | RBC                     | LAND<br>APPLICATION          |                                                        |
| WINTERPORT                         | 223-4712           | 0.11                    | P                       | TRANSPORT                    | Sludge trucked to Bangor<br>and composted              |
| WISCASSET                          | 882-7555           | 0.20                    | AS                      | LAND<br>APPLICATION          |                                                        |
| YARMOUTH                           | 846-4803           | 0.40                    | OD                      | LAND<br>APPLICATION          | Composting also                                        |
| YORK                               | 363-5581           | 1.60                    | AS                      | LAND<br>APPLICATION          |                                                        |

# MASSACHUSETTS PUBLICLY OWNED TREATMENT WORKS

## SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    | 1     | 1         |                   |                 |                |                 |                  |             |
| P     | 10    |           | 1                 |                 | 2              | 1               | 1                | 5           |
| IMH   | 3     |           | 1                 |                 | 2              |                 |                  |             |
| TF    | 10    | 1         | 1                 | 1               | 7              |                 |                  |             |
| AS    | 68    | 5         | 4                 | 9               | 28             | 10              | 7                | 5           |
| EA    | 29    | 8         | 5                 | 6               | 10             |                 |                  |             |
| AL    | 1     |           |                   |                 | 1              |                 |                  |             |
| OD    | 2     |           | 1                 |                 | 1              |                 |                  |             |
| SP    | 1     |           | 1                 |                 |                |                 |                  |             |
| RBC   | 4     | 1         |                   | 1               | 2              |                 |                  |             |
| AC    |       |           |                   |                 |                |                 |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    |       |           |                   |                 |                |                 |                  |             |
| TOTAL | 129   | 16        | 14                | 17              | 53             | 11              | 8                | 10          |

## Summary of Sludge Disposal Methods by Plant Size

|                  |     |    |    |    |    |   |   |   |
|------------------|-----|----|----|----|----|---|---|---|
| COMPOSTING       | 1   |    |    |    |    | 1 |   |   |
| INCINERATION     | 5   |    |    |    |    |   | 1 | 4 |
| LAND APPLICATION | 8   |    |    | 2  | 4  | 1 | 1 |   |
| LANDFILL         | 100 | 10 | 13 | 13 | 45 | 9 | 6 | 4 |
| OCEAN DISCHARGE  | 2   |    |    |    |    |   |   | 2 |
| TRANSPORT        | 9   | 7  | 1  |    | 1  |   |   |   |
| STORING          | 4   |    | 3  |    | 1  |   |   |   |

# WASTEWATER TREATMENT FACILITIES

PAGE 1

STATE: Massachusetts

| LOCATION                    | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                         |
|-----------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|-------------------------------------------------|
| ADAMS                       | 743-1070                            | 10.20                   | AS                      | LANDFILL                     |                                                 |
| AMESBURY                    | **388-1912                          | 1.90                    | EA                      | TRANSPORT                    | Sludge trucked to North Andover (Gtr. Lawrence) |
| AMHERST                     | 549-5424                            | 9.40                    | AS                      | LANDFILL                     |                                                 |
| ASHFIELD                    | 628-4439                            |                         |                         |                              | Under design                                    |
| ATHOL                       | **249-7600                          | 2.25                    | AS                      | LANDFILL                     | Facility upgrade under construction             |
| ATTLEBORO                   | **761-5167                          | 8.60                    | AS                      | LANDFILL                     | AWT; SF; PS; Nitrogen removal                   |
| AYER                        | **772-3204                          | 1.79                    | AS                      | LANDFILL                     | Phosphorous removal                             |
| BARNSTABLE                  | **775-1120<br>EXT. 165              | 4.20                    | AS                      | LANDFILL                     | Percolating beds                                |
| BARRE                       |                                     |                         |                         |                              | Design stage complete                           |
| BELCHERTOWN                 | 323-6311<br>EXT 553                 | 0.50                    | AS                      | LAND<br>APPLICATION          |                                                 |
| BILLERICA                   | **667-1721                          | 1.60                    | EA                      | LANDFILL                     | Designing compost facility; Upgrade to AS       |
| BILLERICA<br>HOUSE OF CORR. | **729-8030                          | 0.04                    | TF                      | LANDFILL                     | Plant upgrade began June 1986                   |
| BOSTON<br>DEER ISLAND       | **846-5800                          | 343                     | P                       | OCEAN<br>DISCHARGE           |                                                 |
| BOSTON<br>NUT ISLAND        | **479-1919                          | 112                     | P                       | OCEAN<br>DISCHARGE           |                                                 |
| BRIDGEWATER                 | **697-6151                          | 0.60                    | TF                      | LANDFILL                     | Upgrading                                       |
| BRIDGEWATER<br>MCI          | **697-6941<br>EXT. 228              | 1.00                    | OD                      | STORING                      | Upgrading; awaiting land application approval   |
| BROCKTON                    | **586-6735                          | 18.00                   | AS                      | LANDFILL                     | Upgrading; PS; SF; Nitrogen removal; AWT        |
| CHARLES<br>RIVER P.C.D.     | **533-6762                          | 4.50                    | AS                      | LANDFILL                     | AWT; PS; Sand filters                           |
| CHARLTON CITY               | **248-7242                          | 0.37                    | IMH                     | TRANSPORT                    | Sludge trucked to Southbridge                   |
| CHATHAM                     | **945-3859                          | 0.04                    | EA                      | LANDFILL                     | Rapid infiltration                              |
| CHICOPEE                    | 592-6808                            | 15.50                   | AS                      | LANDFILL                     | Pure oxygen facility                            |

## WASTEWATER TREATMENT FACILITIES

PAGE 2

STATE: Massachusetts

| LOCATION                        | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                             |
|---------------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|-----------------------------------------------------|
| CLINTON                         | **365-6144                          | 1.80                    | TF                      | LANDFILL                     | Sludge-only landfill<br>under design                |
| COHASSET                        | **383-6630                          | 0.09                    | AS                      | TRANSPORT                    | Sludge trucked to Hull                              |
| CONCORD                         | **369-9766                          | 1.02                    | IMH                     | LANDFILL                     | Upgrading; SF;<br>Composting also                   |
| CONCORD<br>HOUSE OF CORR        | **369-3220                          | 0.16                    | AS                      | LANDFILL                     | Tertiary treatment                                  |
| DARTMOUTH                       | **999-0740                          | 2.90                    | EA                      | LANDFILL                     | Upgrading                                           |
| DIGHTON-REHO-<br>BOTH REG. H.S. | **252-3307<br>EXT. 36               | 0.02                    | EA                      | TRANSPORT                    |                                                     |
| DOUGLAS                         | **476-7278                          | 0.18                    | AS                      | LANDFILL                     |                                                     |
| DUDLEY                          | **943-1541                          | 0.70                    | AS                      | LANDFILL                     | To be eliminated                                    |
| EASTHAMPTON                     | 527-4777                            | 3.80                    | AS                      | LANDFILL                     |                                                     |
| EDGARTOWN                       | **657-5482                          | 0.30                    | EA                      | LANDFILL                     | Rapid infiltration                                  |
| ERVING<br>(CENTER)              | **544-7564                          | 3.15                    | AS                      | LANDFILL                     |                                                     |
| FAIRHAVEN                       | **993-5427                          | 2.07                    | AS                      | LAND<br>APPLICATION          |                                                     |
| FALL RIVER                      | **672-4530                          | 30.90                   | AS                      | LANDFILL                     | Recent upgrade;<br>Pure oxygen facility             |
| FARLEY<br>(ERVING)              | **659-3354                          | 0.01                    | ST                      | TRANSPORT                    | Sludge trucked to Millers<br>Falls; UV disinfection |
| FITCHBURG E.                    | **345-9626                          | 12.40                   | AS                      | INCINERATION                 | AWT; PS;<br>Two stage aeration                      |
| FITCHBURG W.                    | **345-9624                          | 15.30                   | P                       | LANDFILL                     | Plans to repair AC<br>columns                       |
| GARDNER                         | **632-4137                          | 3.00                    | TF                      | LANDFILL                     | Upgrade under<br>construction; AWT; PS              |
| GLOUCESTER                      | **281-3741                          | 7.24                    | P                       | TRANSPORT                    | Sludge trucked to North<br>Andover (Gtr. Lawrence)  |
| GRAFTON                         | **839-9040                          | 1.60                    | AS                      | LANDFILL                     | Phosphorus removal                                  |
| GREAT<br>BARRINGTON             | 528-0650                            | 3.20                    | AS                      | LANDFILL                     |                                                     |
| GREENFIELD                      | 773-3578                            | 3.20                    | TF                      | LANDFILL                     |                                                     |

# WASTEWATER TREATMENT FACILITIES

PAGE 3

STATE: Massachusetts

| LOCATION                     | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                            |
|------------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|----------------------------------------------------|
| HADLEY<br>(INDIAN HILL)      | 586-2390                            | 0.30                    | AS                      | LANDFILL                     |                                                    |
| HARDWICK                     | 477-6959                            | 0.25                    | EA                      | LANDFILL                     |                                                    |
| HATFIELD                     | 247-9211                            | 0.50                    | RBC                     | LANDFILL                     | Under construction;<br>on line fall, 1986          |
| HAVERHILL                    | **374-2383                          | 18.00                   | AS                      | LANDFILL                     | Designing compost<br>facility                      |
| HOLYOKE                      | 534-2222                            | 17.50                   | AS                      | LANDFILL                     | Pure oxygen facility                               |
| HOOSAC WQD<br>(WILLIAMSTOWN) | 458-8423                            | 5.40                    | AS                      | COMPOST                      |                                                    |
| HOPEDALE                     | **473-6251                          | 0.59                    | AS                      | LANDFILL                     | AWT; PS                                            |
| HUDSON                       | **562-9333                          | 2.65                    | AS                      | LANDFILL                     | Upgrading; AWT;<br>Two stage aeration              |
| HULL                         | **925-0906                          | 3.07                    | AS                      | LANDFILL                     |                                                    |
| HUNTINGTON                   | 667-3324                            | 0.20                    | AS                      | LANDFILL                     |                                                    |
| IPSWICH                      | **356-5532                          | 1.80                    | AS                      | LANDFILL                     | Investigating alternative<br>disposal methods      |
| LEE                          | 243-2100<br>EXT 26                  | 1.00                    | AS                      | LANDFILL                     |                                                    |
| LEICESTER                    | **892-8484                          | 0.12                    | EA                      | LANDFILL                     | Upgrading/expansion<br>under construction          |
| LEOMINSTER                   | **537-5720                          | 9.30                    | AS                      | LANDFILL                     | Designing compost<br>facility                      |
| LENOX CTR.                   | 637-1973                            | 0.91                    | AS                      | LANDFILL                     |                                                    |
| LENOX DALE                   | NONE                                | 0.28                    | AS                      | LANDFILL                     |                                                    |
| LONG ISLAND<br>BOSTON HOSP.  | **328-1371<br>EXT. 322              | 1.50                    | IMH                     | LANDFILL                     |                                                    |
| LOWELL                       | **458-0071                          | 32.00                   | AS                      | LANDFILL                     |                                                    |
| LYNN                         | **592-7048                          | 25.80                   | P                       | INCINERATION                 | Ash disposed on-site                               |
| MANCHESTER                   | **526-4612                          | 0.67                    | AS                      | TRANSPORT                    | Sludge trucked to North<br>Andover (Gtr. Lawrence) |
| MANSFIELD                    | **285-6096                          | 3.13                    | AS                      | LANDFILL                     | AWT; SF; PS;<br>Composting also                    |



## WASTEWATER TREATMENT FACILITIES

PAGE 4

STATE: Massachusetts

| LOCATION                      | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                               |
|-------------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|-------------------------------------------------------|
| MARION                        | **748-2500<br>EXT 26                | 0.30                    | SP                      | STORING                      | Sand filters                                          |
| MARLBORO E.                   | **485-1755                          | 5.50                    | AS                      | LANDFILL                     | Composting facility<br>under design; AWT; PS          |
| MARLBORO W.                   | **481-1208                          | 2.00                    | AS                      | LANDFILL                     | Will be composting at<br>E. Marlboro; Upgrading       |
| MARSHFIELD                    | **837-5021<br>EXT. 62               | 2.10                    | AS                      | LANDFILL                     |                                                       |
| MAYNARD                       | **897-3937                          | 1.29                    | RBC                     | TRANSPORT                    | Sludge trucked to Greater<br>Lawrence; recent upgrade |
| MEDFIELD                      | **359-4533                          | 1.52                    | AS                      | LANDFILL                     | Phosphorus removal;<br>Composting also                |
| MERRIMAC                      | **346-9988                          | 0.45                    | OD                      | STORING                      | Waiting for land appli-<br>cation approval            |
| MIDDLEBORO                    | **947-4853                          | 2.10                    | AS                      | LANDFILL                     | AWT; Phosphorus removal                               |
| MILFORD                       | **473-2054                          | 4.30                    | TF                      | LANDFILL                     | New; very automated;<br>RBC; AWT; SF; UV              |
| MILLBURY                      | **865-3780                          | 2.00                    | TF                      | LANDFILL                     |                                                       |
| MILLERS FALLS<br>(ERVING)     | 659-3354                            | 1.02                    | AS                      | LAND<br>APPLICATION          |                                                       |
| MONROE                        | 424-7776                            | 0.03                    | EA                      | LANDFILL                     |                                                       |
| MONTAGUE                      | 773-8865                            | 1.80                    | AS                      | LANDFILL                     |                                                       |
| NANTUCKET:                    |                                     |                         |                         |                              |                                                       |
| -SIASCONSET                   | **228-2343                          | 0.26                    | P                       | LANDFILL                     | Upgrading with<br>composting facilities               |
| -SURFSIDE                     | **228-2343                          | 1.80                    | P                       | LANDFILL                     | Upgrading with<br>composting facilities               |
| NEW BEDFORD                   | **999-2415                          | 30.00                   | P                       | INCINERATION                 | Landfill when not<br>incinerating; upgrading          |
| NEWBURYPORT                   | **465-0901                          | 3.40                    | AS                      | LANDFILL                     |                                                       |
| NORFOLK<br>PRISON STP         | **528-0800                          | 0.30                    | EA                      | LANDFILL                     | Design for upgrade<br>complete                        |
| N. ANDOVER<br>(GTR. LAWRENCE) | **685-1612                          | 52.00                   | AS                      | INCINERATION                 | Accepts septage from<br>outside communities           |
| NORTH<br>ATTLEBORO            | **695-7872                          | 4.60                    | AS                      | LANDFILL                     | AWT; SF; PS; Nitrogen<br>removal                      |

## WASTEWATER TREATMENT FACILITIES

PAGE 5

STATE: Massachusetts

| LOCATION                      | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                       |
|-------------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|-----------------------------------------------|
| NORTH<br>BROOKFIELD           | **867-6195                          | 0.50                    | EA                      | LANDFILL                     |                                               |
| NORTHAMPTON                   | 586-6950<br>EXT 276                 | 8.95                    | AS                      | LANDFILL                     |                                               |
| NORTHBRIDGE                   | **234-2154                          | 1.80                    | TF                      | LANDFILL                     |                                               |
| NORTHFIELD                    | 498-2969                            | 0.28                    | AS                      | LANDFILL                     |                                               |
| OLD DEERFIELD                 | 774-4595                            | 0.24                    | EA                      | TRANSPORT                    | Sludge trucked to<br>South Deerfield          |
| OLD ROCHESTER<br>SCHOOL DIST. | **785-2772                          | 0.24                    | EA                      | TRANSPORT                    | Upgrading                                     |
| ORANGE                        | **544-6493                          | 1.03                    | AS                      | LANDFILL                     |                                               |
| OXFORD<br>ROCHDALE S.D.       | **892-9549                          | 0.18                    | AS                      | LANDFILL                     |                                               |
| PALMER                        | 283-5730                            | 5.60                    | AS                      | LANDFILL                     |                                               |
| PEPPERELL                     | **433-9859                          | 0.70                    | EA                      | LANDFILL                     | Compost facility under<br>construction        |
| PITTSFIELD                    | 447-7460                            | 17.00                   | AS                      | LANDFILL                     | Sludge-only landfill<br>under design; AWT; PS |
| PLYMOUTH                      | **747-1620<br>EXT 61                | 1.75                    | EA                      | LANDFILL                     | To be upgraded                                |
| ROCKLAND                      | **878-1863                          | 2.50                    | AS                      | LANDFILL                     | Nitrogen and phosphorous<br>removal; AWT      |
| ROCKPORT                      | **546-7888                          | 0.80                    | AS                      | LAND<br>APPLICATION          | Land applying in South<br>Hamilton; AWT       |
| ROYALSTON                     | **294-3318                          | 0.03                    | EA                      | TRANSPORT                    | Sludge trucked to<br>Templeton                |
| RUSSELL                       | 862-3871                            | 0.17                    | EA                      | TRANSPORT                    | Being upgraded                                |
| SCITUATE                      | **545-6700<br>EXT 265               | 1.00                    | EA                      | LANDFILL                     |                                               |
| SHELBURNE FALLS<br>(BUCKLAND) | 625-2300                            | 0.25                    | EA                      | LANDFILL                     |                                               |
| SHREWSBURY                    | **842-8907                          | 1.75                    | TF                      | LANDFILL                     | To be eliminated                              |
| SOMERSET                      | **679-0810                          | 1.66                    | EA                      | LANDFILL                     | Upgrading;<br>Considering composting          |
| SOUTH<br>DEERFIELD            | 665-2651                            | 0.85                    | EA                      | LANDFILL                     |                                               |

# WASTEWATER TREATMENT FACILITIES

PAGE 6

STATE: Massachusetts

| LOCATION                    | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                               |
|-----------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|-------------------------------------------------------|
| SOUTH ESSEX<br>S.D.         | **744-4550                          | 41.00                   | P                       | LANDFILL                     |                                                       |
| SOUTH<br>HADLEY             | 538-7516<br>EXT 211                 | 5.10                    | AS                      | LANDFILL                     |                                                       |
| SOUTHBRIDGE                 | **764-4927                          | 2.30                    | AS                      | LANDFILL                     | Designing compost<br>facility; PS                     |
| SPENCER                     | **885-2581                          | 0.98                    | AS                      | LANDFILL                     | Upgrade; Wetland<br>treatment                         |
| SPRINGFIELD                 | 787-8526                            | 64.00                   | AS                      | LANDFILL                     |                                                       |
| STOCKBRIDGE                 | 298-4717                            | 0.65                    | AS                      | LANDFILL                     |                                                       |
| STURBRIDGE                  | **347-7198                          | 0.50                    | EA                      | LANDFILL                     |                                                       |
| SUNDERLAND                  | 665-4304                            | 0.50                    | AS                      | LAND<br>APPLICATION          |                                                       |
| SWAMPSCOTT                  | **581-7500                          | 2.17                    | P                       | LAND<br>APPLICATION          | Composting also                                       |
| TAUNTON                     | **823-3582                          | 8.40                    | AS                      | LANDFILL                     | Nitrogen and phosphorous<br>removal; AWT; Pure oxygen |
| TEMPLETON<br>(BALDWINVILLE) | **939-5171                          | 2.81                    | AL                      | LANDFILL                     |                                                       |
| UPPER<br>BLACKSTONE         | **755-1286                          | 56.00                   | AS                      | INCINERATION                 |                                                       |
| UPTON                       | **529-3993                          | 0.30                    | AS                      | LANDFILL                     | Sand filters                                          |
| UXBRIDGE                    | 278-2887                            | 2.49                    | EA                      | LANDFILL                     | Phosphorus removal                                    |
| WARE                        | 967-4248                            | 2.00                    | AS                      | LANDFILL                     |                                                       |
| WAREHAM                     | **295-6144                          | 1.80                    | EA                      | LANDFILL                     |                                                       |
| WARREN                      | 867-6195                            | 0.50                    | EA                      | TRANSPORT                    | Sludge trucked to<br>Palmer                           |
| WAYLAND STF                 | **358-7328                          | 0.03                    | RBC                     | LANDFILL                     | Septage facility                                      |
| WEBSTER                     | **943-3281                          | 6.33                    | AS                      | LANDFILL                     | Upgrade to AWT                                        |
| WESTBORO                    | **366-1870                          | 1.10                    | AS                      | LANDFILL                     | Upgrade to OD with<br>composting; AWT; PS             |
| WESTBORO<br>ST. HOSP.       | **366-1870<br>EXT 250               | 0.25                    | TF                      | STORING                      | Sand filters                                          |

# WASTEWATER TREATMENT FACILITIES

PAGE 7

STATE: Massachusetts

| LOCATION                      | TELEPHONE<br>NUMBER<br>(617**)(413) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS          |
|-------------------------------|-------------------------------------|-------------------------|-------------------------|------------------------------|------------------|
| WESTFIELD                     | 568-9281                            | 4.00                    | AS                      | LANDFILL                     |                  |
| WILBRAHAM                     | 596-3697                            | 1.17                    | EA                      | LANDFILL                     | To be eliminated |
| WINCHENDON                    | **297-0536                          | 0.50                    | EA                      | LANDFILL                     |                  |
| WRENTHAM<br>(FOXBORO CAMPUS)  | **384-3116                          | 1.80                    | EA                      | LANDFILL                     |                  |
| WRENTHAM<br>(WRENTHAM CAMPUS) | **384-3116                          | 0.45                    | EA                      | LANDFILL                     |                  |

# NEW HAMPSHIRE PUBLICLY OWNED TREATMENT WORKS

## SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    | 8     | 8         |                   |                 |                |                 |                  |             |
| P     | 10    | 1         |                   | 2               | 6              |                 |                  | 1           |
| IMH   | 4     | 2         | 1                 | 1               |                |                 |                  |             |
| TF    | 3     | 1         |                   |                 | 2              |                 |                  |             |
| AS    | 11    | 1         |                   | 1               | 5              | 1               | 2                | 1           |
| EA    | 10    | 1         | 3                 | 3               | 3              |                 |                  |             |
| AL    | 21    | 10        | 4                 | 4               | 3              |                 |                  |             |
| OD    | 9     | 5         | 3                 | 1               |                |                 |                  |             |
| SP    | 11    | 6         | 4                 |                 | 1              |                 |                  |             |
| RBC   |       |           |                   |                 |                |                 |                  |             |
| AC    |       |           |                   |                 |                |                 |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    |       |           |                   |                 |                |                 |                  |             |
| TOTAL | 87    | 35        | 15                | 12              | 20             | 1               | 2                | 2           |

## Summary of Sludge Disposal Methods by Plant Size

|                  |    |    |   |   |    |   |   |   |
|------------------|----|----|---|---|----|---|---|---|
| COMPOSTING       | 6  |    |   | 3 | 1  | 2 |   |   |
| INCINERATION     | 2  |    |   |   | 1  |   |   | 1 |
| LAND APPLICATION | 18 | 12 | 2 |   | 3  |   | 1 |   |
| LANDFILL         | 28 | 5  | 5 | 5 | 11 |   | 1 | 1 |
| OCEAN DISCHARGE  |    |    |   |   |    |   |   |   |
| TRANSPORT        | 6  | 5  | 1 |   |    |   |   |   |

## WASTEWATER TREATMENT FACILITIES

PAGE 1

STATE: New Hampshire

| LOCATION                           | TELEPHONE<br>(603) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                           |
|------------------------------------|--------------------|-------------------------|-------------------------|------------------------------|---------------------------------------------------|
| ALLENSTOWN                         | 485-5600           | 1.05                    | EA                      | LAND<br>APPLICATION          |                                                   |
| ANTRIM                             | 588-2433           | 0.23                    | AL                      |                              |                                                   |
| ASHLAND                            | 968-7193           | 1.60                    | AL                      |                              |                                                   |
| BAY DISTRICT<br>(CTR. HARBOR)      | 476-5670           | 0.20                    | SP                      |                              |                                                   |
| BERLIN                             | 752-7230           | 2.64                    | AS                      | LANDFILL                     |                                                   |
| BETHLEHEM                          | 869-5884           | 0.34                    | AL                      |                              | New, Start-up Dec. 1985                           |
| BRISTOL                            | 744-8411           | 0.23                    | OD                      | LAND<br>APPLICATION          |                                                   |
| CARROLL C. FARM<br>(OSSIPPEE)      | 539-2282           | 0.07                    | ST                      | LAND<br>APPLICATION          | Sand filters                                      |
| CHARLESTOWN                        | 826-5387           | 1.12                    | AL                      |                              |                                                   |
| CHESHIRE C. FARM<br>(WESTMORELAND) | 399-4912           | 0.02                    | AL                      |                              |                                                   |
| CLAREMONT                          | 542-6153           | 4.30                    | P                       | LANDFILL                     | Upgrading to AS facility;<br>Plans for composting |
| COLEBROOK                          | 237-4066           | 0.20                    | SP                      |                              |                                                   |
| CONCORD<br>(PENACOOK)              | 753-9830           | 4.20                    | AS                      | LANDFILL                     |                                                   |
| CONCORD<br>(HALL STREET)           | 225-8691           | 10.10                   | AS                      | LANDFILL                     | Trickling filter to<br>activated sludge           |
| CONWAY                             | 447-3376           | 0.13                    | AL                      |                              |                                                   |
| DERRY                              | 432-6144           | 0.75                    | AL                      |                              |                                                   |
| DOVER                              | 742-2109           | 4.40                    | P                       | LANDFILL                     |                                                   |
| DURHAM                             | 868-2274           | 2.50                    | AS                      | COMPOSTING                   |                                                   |
| EPPING                             | 679-5171           | 0.24                    | SP                      |                              | Upgrading                                         |
| EXETER                             | 778-0593           | 2.61                    | SP                      |                              |                                                   |
| FARMINGTON                         | 755-4883           | 0.35                    | OD                      | LANDFILL                     |                                                   |

# WASTEWATER TREATMENT FACILITIES

PAGE 2

STATE: New Hampshire

| LOCATION                          | TELEPHONE<br>(603)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                         |
|-----------------------------------|----------------------|-------------------------|-------------------------|------------------------------|---------------------------------|
| FRANKLIN                          | 934-4032             | 11.54                   | AS                      | LAND<br>APPLICATION          | Landfilling also                |
| FRANKLIN<br>PIERCE COLLEGE        | 899-5111<br>Ext. 305 | 0.11                    | AS                      | LANDFILL                     |                                 |
| GOFFSTOWN                         | 497-3618             | 0.37                    | IMH                     | LANDFILL                     | To be tied into Manchester      |
| GORHAM                            | 466-2985             | 0.75                    | EA                      | LANDFILL                     |                                 |
| GREENVILLE                        | 878-2800             | 0.23                    | EA                      | LAND<br>APPLICATION          |                                 |
| GROVETON<br>(NORTHUMBERLAND)      | 636-1450             | 0.37                    | SP                      |                              |                                 |
| HAMPTON                           | 926-4402             | 4.70                    | AS                      | LANDFILL                     |                                 |
| HANOVER                           | 643-2362             | 1.50                    | P                       | LAND<br>APPLICATION          |                                 |
| HENNIKER                          | 428-7200             | 0.51                    | EA                      | LANDFILL                     |                                 |
| HILLSBORO                         | 464-3877             | 0.42                    | AL                      |                              | Under construction              |
| HILLSBORO C.<br>FARM (GRASMERE)   | 627-5540             | 0.08                    | IMH                     | LANDFILL                     | Sand filters                    |
| HINSDALE                          | 336-7313             | 0.30                    | OD                      | LANDFILL                     |                                 |
| HOOKSETT                          | 485-7000             | 0.45                    | EA                      | LANDFILL                     |                                 |
| HOPKINTON                         | 746-3389             | 0.12                    | AL                      |                              |                                 |
| JAFFREY                           | 532-6521             | 0.44                    | SP                      | LAND<br>APPLICATION          | Upgrading to aerated<br>lagoons |
| KEARSARGE HIGH<br>SCHOOL (SUTTON) | 927-4261             | 0.02                    | OD                      | LAND<br>APPLICATION          |                                 |
| KEENE                             | 357-3681             | 6.20                    | AS                      | COMPOSTING                   |                                 |
| LANCASTER                         | 788-3391             | 0.40                    | SP                      |                              |                                 |
| LANCASTER<br>(GARANGE AREA)       | 788-3391             | 0.06                    | ST                      | TRANSPORT                    | On line summer 1986             |
| LEBANON                           | 298-5986             | 1.65                    | AS                      | INCINERATION                 | Considering composting          |
| LINCOLN                           | 745-2757             | 0.50                    | AL                      |                              | To be upgraded                  |

# WASTEWATER TREATMENT FACILITIES

PAGE 3

STATE: New Hampshire

| LOCATION                        | TELEPHONE<br>(603) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                                   |
|---------------------------------|--------------------|-------------------------|-------------------------|------------------------------|-----------------------------------------------------------|
| LISBON                          | 838-6027           | 0.37                    | SP                      |                              |                                                           |
| LITTLETON                       | 444-5400           | 2.30                    | P                       | LANDFILL                     | To be upgraded to oxidation ditch                         |
| MANCHESTER                      | 624-4018           | 26.00                   | AS                      | INCINERATION                 |                                                           |
| MERIDEN                         | 469-3410           | 0.08                    | AL                      |                              |                                                           |
| MERRIMACK                       | 883-8196           | 5.00                    | AS                      | COMPOSTING                   |                                                           |
| MERRIMACK C.<br>FARM (BOSCAWEN) | 796-2165           | 0.08                    | AL                      |                              |                                                           |
| MILFORD                         | 673-9441           | 2.15                    | EA                      | LANDFILL                     | Ammonia removal (seasonal);<br>Designing compost facility |
| NASHUA                          | 880-3365           | 22.81                   | P                       | LANDFILL                     | To be upgraded to AS                                      |
| NH HOME FOR<br>THE ELDERLY      | 989-5821           | 0.02                    | ST                      | LANDFILL                     | Sand filters                                              |
| NEW HAMPTON                     | 774-8253           | 0.08                    | SP                      | LAND<br>APPLICATION          |                                                           |
| NEWBURY                         | 763-2119           | 0.05                    | IMH                     | LAND<br>APPLICATION          | Sand filters;<br>subsurface disposal                      |
| NEWFIELDS<br>VILLAGE            | 778-8213           | 0.12                    | AL                      |                              |                                                           |
| NEWINGTON                       | 431-4111           | 0.30                    | EA                      | TRANSPORT                    | Composting at Durham                                      |
| NEWMARKET                       | 659-5422           | 0.85                    | P                       | LANDFILL                     | Upgrading to TF                                           |
| NEWPORT                         | 863-4338           | 1.03                    | P                       | LANDFILL                     |                                                           |
| NEWINGTON<br>(PEASE A.F.B.)     | 430-2615           | 1.20                    | TF                      | LANDFILL                     |                                                           |
| NORTHUMBERLAND                  | 636-1450           | 0.06                    | ST                      | TRANSPORT                    | Sludge trucked to Groveton;<br>overland flow year round   |
| OSSIPEE                         | 539-7150           | 0.12                    | ST                      | LAND<br>APPLICATION          | Subsurface disposal                                       |
| PETERBOROUGH                    | 924-3201           | 0.50                    | AL                      |                              |                                                           |
| PIERMONT                        | 272-4495           | 0.01                    | ST                      | LAND<br>APPLICATION          | Sand filters                                              |
| PITTSFIELD                      | 435-8857           | 0.40                    | AL                      |                              |                                                           |



## WASTEWATER TREATMENT FACILITIES

PAGE 4

STATE: New Hampshire

| LOCATION                          | TELEPHONE<br>(603) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                              |
|-----------------------------------|--------------------|-------------------------|-------------------------|------------------------------|------------------------------------------------------|
| PLYMOUTH                          | 536-2769           | 0.58                    | P                       | COMPOSTING                   |                                                      |
| PORTSMOUTH<br>(PIERCE ISLAND)     | 431-2000           | 1.50                    | P                       | LANDFILL                     |                                                      |
| PORTSMOUTH<br>(SEACREST VIL.)     | 431-2000           | 0.58                    | IMH                     | LANDFILL                     | Closing down                                         |
| ROCHESTER                         | 332-8950           | 3.93                    | AL                      |                              | New, Start-up April 1986                             |
| ROCKINGHAM C.<br>FARM (BRENTWOOD) | 679-5335           | 0.04                    | TF                      | LAND<br>APPLICATION          |                                                      |
| ROLLINSFORD                       | 742-8124           | 0.15                    | OD                      | LANDFILL                     |                                                      |
| RYE                               | 964-5523           | 0.13                    | P                       | TRANSPORT                    | Under construction                                   |
| SALEM                             | 898-2337           | 1.30                    | TF                      | LAND<br>APPLICATION          | To be closed down by 1987                            |
| SISTERS' OF<br>MERCY (WINDHAM)    | 898-2484           | 0.03                    | SP                      | TRANSPORT                    | Sludge trucked to Gtr.<br>Lawrence; spray irrigation |
| SOMERSWORTH                       | 692-2418           | 2.41                    | EA                      | LANDFILL                     |                                                      |
| STRAFFORD C.<br>FARM (DOVER)      | 742-1348           | 0.02                    | SP                      | LAND<br>APPLICATION          |                                                      |
| STRATFORD                         | 922-5266           | 0.02                    | ST                      | LAND<br>APPLICATION          | Sand filters;<br>two separate plants                 |
| SULLIVAN COUNTY<br>FARM (UNITY)   | 542-9511           | 0.05                    | AL                      |                              | Sand filters                                         |
| SUNAPEE                           | 763-2121           | 0.64                    | OD                      | COMPOSTING                   |                                                      |
| TROY                              | 242-3890           | 0.27                    | AL                      |                              |                                                      |
| WARNER<br>VILLAGE                 | 456-3890           | 0.17                    | OD                      | LANDFILL                     |                                                      |
| WATERVILLE<br>VALLEY              | 236-4781           | 0.55                    | AL                      | LANDFILL                     | Followed by dual media<br>and carbon columns; AWT    |
| WEARE                             | 529-2673           | 0.02                    | ST                      | LAND<br>APPLICATION          | Subsurface disposal                                  |
| WEST SWANZEY                      | 352-6550           | 0.16                    | AL                      |                              |                                                      |
| WHITEFIELD                        | 837-9934           | 0.18                    | AL                      |                              | Under construction                                   |
| WINCHESTER                        | 239-4132           | 0.28                    | OD                      | LANDFILL                     |                                                      |

# WASTEWATER TREATMENT FACILITIES

PAGE 5

STATE: New Hampshire

| LOCATION           | TELEPHONE<br>(603) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                       |
|--------------------|--------------------|-------------------------|-------------------------|------------------------------|-----------------------------------------------|
| WOLFEBORO          | 569-2314           | 0.60                    | EA                      | COMPOST                      | Spray irrigation                              |
| WOODSTOCK          | 745-8783           | 0.14                    | OD                      | TRANSPORT                    | Sludge trucked to Plymouth;<br>To be upgraded |
| WOODSVILLE<br>F.D. | 747-3489           | 0.33                    | EA                      | LAND<br>APPLICATION          |                                               |

# RHODE ISLAND PUBLICLY OWNED TREATMENT WORKS

## SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    |       |           |                   |                 |                |                 |                  |             |
| P     | 3     |           |                   |                 | 2              | 1               |                  |             |
| IMH   |       |           |                   |                 |                |                 |                  |             |
| TF    | 2     | 1         |                   | 1               |                |                 |                  |             |
| AS    | 15    | 1         |                   | 1               | 6              | 2               | 3                | 2           |
| EA    | 10    | 10        |                   |                 |                |                 |                  |             |
| AL    |       |           |                   |                 |                |                 |                  |             |
| OD    |       |           |                   |                 |                |                 |                  |             |
| SP    |       |           |                   |                 |                |                 |                  |             |
| RBC   |       |           |                   |                 |                |                 |                  |             |
| AC    |       |           |                   |                 |                |                 |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    |       |           |                   |                 |                |                 |                  |             |
| TOTAL | 30    | 12        |                   | 2               | 8              | 3               | 3                | 2           |

## Summary of Sludge Disposal Methods by Plant Size

|                  |    |   |  |   |   |   |   |   |
|------------------|----|---|--|---|---|---|---|---|
| COMPOSTING       | 2  |   |  | 1 |   | 1 |   |   |
| INCINERATION     |    |   |  |   |   |   |   |   |
| LAND APPLICATION |    |   |  |   |   |   |   |   |
| LANDFILL         | 20 | 5 |  | 1 | 7 | 2 | 3 | 2 |
| OCEAN DISCHARGE  |    |   |  |   |   |   |   |   |
| TRANSPORT        | 8  | 7 |  |   | 1 |   |   |   |

## WASTEWATER TREATMENT FACILITIES

PAGE 1

STATE: Rhode Island

| LOCATION                       | TELEPHONE<br>(401)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                   |
|--------------------------------|----------------------|-------------------------|-------------------------|------------------------------|-------------------------------------------|
| BLACKSTONE<br>VALLEY S.D.      | 434-6350             | 31.00                   | AS                      | LANDFILL                     |                                           |
| BRIARCLIFFE<br>NURSING HOME    | 944-2450             | 0.03                    | EA                      | LANDFILL                     | Sand filters                              |
| BRISTOL                        | 253-8877             | 3.00                    | P                       | LANDFILL                     |                                           |
| BURRILLVILLE                   | 568-6297             | 1.50                    | AS                      | LANDFILL                     | Phosphorus removal                        |
| CRANSTON                       | 461-1008<br>Ext. 190 | 11.40                   | AS                      | LANDFILL                     | Changing to incineration                  |
| CUMBERLAND<br>HIGH SCHOOL      | 765-1600             | 0.03                    | EA                      | TRANSPORT                    |                                           |
| EAST<br>GREENWICH              | 884-4305             | 0.51                    | TF                      | LANDFILL                     | Upgrading to RBC facility                 |
| EAST<br>PROVIDENCE             | 434-3311<br>ext. 307 | 10.40                   | AS                      | LANDFILL                     |                                           |
| JAMESTOWN                      | 423-2284             | 0.73                    | AS                      | COMPOSTING                   |                                           |
| LADD SCHOOL<br>(EXETER)        | 294-4561<br>ext. 293 | 0.23                    | TF                      | LANDFILL                     | Sand filters                              |
| MOTHER OF HOPE<br>DORMITORY    | 849-4371             | 0.02                    | EA                      | TRANSPORT                    | Sand filters                              |
| NARRAGANSETT<br>(SOUTH END)    | 789-1044<br>ext. 25  | 1.40                    | AS                      | TRANSPORT                    |                                           |
| NARRAGANSETT<br>(VILLAGE APTS) | 781-4636             | 0.03                    | EA                      | TRANSPORT                    | Tying into city sewers                    |
| NEW SHOREHAM<br>(BLOCK ISLAND) | 466-2027             | 0.20                    | AS                      | LANDFILL                     |                                           |
| NEWPORT                        | 846-2321             | 5.83                    | P                       | LANDFILL                     | Upgrading to activated<br>sludge facility |
| PORTSMOUTH<br>ELEM. SCHOOL     | 683-3899             | 0.01                    | EA                      | TRANSPORT                    |                                           |
| PORTSMOUTH<br>MIDDLE SCHOOL    | 849-3700             | 0.04                    | EA                      | TRANSPORT                    | Sand filters                              |
| PROVIDENCE<br>(NBWQMD)         | 277-6780             | 60.00                   | AS                      | LANDFILL                     |                                           |
| QUONSET                        | 294-6342             | 2.35                    | P                       | LANDFILL                     | Upgrading to<br>secondary treatment       |
| SMITHFIELD                     | 231-6666             | 4.50                    | AS                      | LANDFILL                     |                                           |
| SOUTH<br>KINGSTOWN             | 789-9331<br>ext. 253 | 4.13                    | AS                      | LANDFILL                     |                                           |

## WASTEWATER TREATMENT FACILITIES

PAGE 2

STATE: Rhode Island

| LOCATION                    | TELEPHONE<br>(401)   | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS      |
|-----------------------------|----------------------|-------------------------|-------------------------|------------------------------|--------------|
| TIVERTON<br>HIGH SCHOOL     | 624-8494             | 0.04                    | EA                      | TRANSPORT                    | Sand filters |
| U.S. NAVY<br>FORT ADAMS     | 841-3041             | 0.23                    | EA                      | TRANSPORT                    |              |
| WARREN                      | 245-4086             | 2.00                    | AS                      | LANDFILL                     |              |
| WARWICK                     | 739-4949             | 5.00                    | AS                      | LANDFILL                     |              |
| WEST<br>WARWICK             | 822-9228             | 5.00                    | AS                      | COMPOSTING                   |              |
| WESTERLY                    | 596-2847             | 3.10                    | AS                      | LANDFILL                     |              |
| J. WILBUR<br>(ELEM. SCHOOL) | 635-2351             | 0.01                    | EA                      | TRANSPORT                    | Sand filters |
| WOONSOCKET                  | 762-6400<br>ext. 198 | 16.00                   | AS                      | LANDFILL                     |              |
| ZAMBARANO<br>MEMORIAL HOSP. | 568-2551             | 0.13                    | EA                      | TRANSPORT                    |              |

VERMONT PUBLICLY OWNED TREATMENT WORKS  
SUMMARY OF PLANT SIZE AND OPERATING MODES

| TYPE  | TOTAL | $Q < .25$ | $.25 \leq Q < .5$ | $.5 \leq Q < 1$ | $1 \leq Q < 5$ | $5 \leq Q < 10$ | $10 \leq Q < 20$ | $Q \geq 20$ |
|-------|-------|-----------|-------------------|-----------------|----------------|-----------------|------------------|-------------|
| ST    | 6     | 6         |                   |                 |                |                 |                  |             |
| P     | 10    | 4         | 2                 |                 | 4              |                 |                  |             |
| IMH   |       |           |                   |                 |                |                 |                  |             |
| TF    | 2     |           |                   |                 | 2              |                 |                  |             |
| AS    | 7     |           |                   |                 | 7              |                 |                  |             |
| EA    | 29    | 13        | 10                | 3               | 2              | 1               |                  |             |
| AL    | 24    | 15        | 6                 | 3               |                |                 |                  |             |
| OD    | 9     | 6         | 1                 | 2               |                |                 |                  |             |
| SP    | 1     |           |                   | 1               |                |                 |                  |             |
| RBC   | 8     | 5         |                   |                 | 2              | 1               |                  |             |
| AC    |       |           |                   |                 |                |                 |                  |             |
| PC    |       |           |                   |                 |                |                 |                  |             |
| FL    |       |           |                   |                 |                |                 |                  |             |
| TOTAL | 96    | 49        | 19                | 9               | 17             | 2               |                  |             |

Summary of Sludge Disposal Methods by Plant Size

|                  |    |    |    |   |    |   |  |  |
|------------------|----|----|----|---|----|---|--|--|
| COMPOSTING       |    |    |    |   |    |   |  |  |
| INCINERATION     |    |    |    |   |    |   |  |  |
| LAND APPLICATION | 51 | 19 | 12 | 4 | 15 | 1 |  |  |
| LANDFILL         | 14 | 7  | 2  | 2 | 2  | 1 |  |  |
| OCEAN DISCHARGE  |    |    |    |   |    |   |  |  |
| TRANSPORT        | 5  | 5  |    |   |    |   |  |  |

# WASTEWATER TREATMENT FACILITIES

PAGE 1

STATE: Vermont

| LOCATION                  | TELEPHONE<br>NUMBER<br>(802) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                   |
|---------------------------|------------------------------|-------------------------|-------------------------|------------------------------|-------------------------------------------|
| ALBURG<br>VILLAGE         | 796-3800                     | 0.13                    | AL                      |                              | Spray irrigation                          |
| BARRE<br>(CITY)           | 476-6806                     | 3.80                    | AS                      | LAND<br>APPLICATION          |                                           |
| BARRE<br>(EAST)           | 479-3522                     | 0.20                    | P                       |                              | To be eliminated                          |
| BARRE<br>(WEBSTERVILLE)   | 479-3522                     | 0.01                    | P                       |                              | To be eliminated                          |
| BARTON                    | 525-3219                     | 0.27                    | AL                      | LANDFILL                     | Tertiary with<br>phosphorus removal       |
| BELLOWS FALLS             | 463-3044                     | 1.50                    | P                       | LAND<br>APPLICATION          |                                           |
| BENNINGTON                | 442-4544                     | 5.00                    | RBC                     | LANDFILL                     | Sand filters; AWT                         |
| BENSON                    | 537-2611                     | 0.02                    | AL                      |                              |                                           |
| BETHEL                    |                              | 0.13                    | OD                      | LAND<br>APPLICATION          | Design stage complete;<br>UV disinfection |
| BRADFORD                  | 222-5732                     | 0.14                    | EA                      | LAND<br>APPLICATION          |                                           |
| BRANDON                   | 247-6730                     | 0.70                    | OD                      | LANDFILL                     |                                           |
| BRATTLEBORO               | 254-9163                     | 2.50                    | RBC                     | LAND<br>APPLICATION          |                                           |
| BRIDGEWATER               | 457-1910                     | 0.04                    | RBC                     | LAND<br>APPLICATION          |                                           |
| BRIGHTON<br>(ISLAND POND) | 723-4424                     | 0.15                    | AL                      |                              |                                           |
| BURLINGTON<br>(MAIN)      | 862-6404                     | 4.00                    | AS                      | LAND<br>APPLICATION          |                                           |
| BURLINGTON<br>(NORTH END) | 862-7164                     | 2.00                    | AS                      | LAND<br>APPLICATION          | Phosphorus removal                        |
| BURLINGTON<br>(RIVERSIDE) | 863-4878                     | 1.00                    | AS                      | LAND<br>APPLICATION          | Phosphorus removal                        |
| CANAAN                    | 266-7723                     | 0.18                    | AL                      |                              |                                           |
| CASTLETON                 | 468-5315                     | 0.36                    | EA                      | LAND<br>APPLICATION          |                                           |
| CAVENDISH                 | 226-7743                     | 0.10                    | AL                      |                              |                                           |
| CHELSEA                   | 685-7727                     | 0.05                    | OD                      | LANDFILL                     |                                           |

## WASTEWATER TREATMENT FACILITIES

PAGE 2

STATE: Vermont

| LOCATION                     | TELEPHONE<br>NUMBER<br>(802) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS          |
|------------------------------|------------------------------|-------------------------|-------------------------|------------------------------|------------------|
| CHESTER                      | 875-2173                     | 0.17                    | EA                      | LAND<br>APPLICATION          |                  |
| COLCHESTER<br>F.D. #1        | 655-2017                     | 0.31                    | EA                      | LAND<br>APPLICATION          |                  |
| DANVILLE                     | 684-2108                     | 0.06                    | AL                      |                              | UV disinfection  |
| DOVER (NORTH<br>BR. F.D. #1) | 464-8415                     | 0.40                    | OD                      | LAND<br>APPLICATION          | Spray irrigation |
| ENOSBURG<br>FALLS            | 933-6669                     | 0.45                    | EA                      | LAND<br>APPLICATION          |                  |
| ESSEX<br>JUNCTION            | 878-6943                     | 2.75                    | AS                      | LAND<br>APPLICATION          |                  |
| FAIR HAVEN                   | 255-3544                     | 0.20                    | OD                      | LAND<br>APPLICATION          |                  |
| FAIRFAX                      | 849-6033                     | 0.08                    | AL                      |                              |                  |
| HARDWICK                     | 472-5939                     | 0.37                    | AL                      |                              |                  |
| HARTFORD<br>(QUECHEE)        | 295-9528                     | 0.30                    | AL                      |                              |                  |
| HARTFORD<br>(WHITE RIVER)    | 295-6563                     | 0.97                    | EA                      | LAND<br>APPLICATION          |                  |
| HARTFORD<br>(WILDER)         | 295-3914                     | 0.40                    | P                       | LANDFILL                     |                  |
| HINESBURG                    | 482-2281                     | 0.25                    | AL                      |                              |                  |
| HYDE PARK                    | 888-2310                     | 0.05                    | ST                      |                              |                  |
| JACKSONVILLE                 | 368-7538                     | 0.05                    | RBC                     | LAND<br>APPLICATION          | UV disinfection  |
| JOHNSON                      | 635-2951                     | 0.20                    | EA                      | LAND<br>APPLICATION          |                  |
| LUDLOW                       | 228-8431                     | 0.60                    | OD                      | LAND<br>APPLICATION          |                  |
| LUNENBERG<br>(GILMAN)        | 892-5500                     | 0.08                    | AL                      |                              |                  |
| LYDONVILLE                   | 626-5939                     | 0.75                    | EA                      | LAND<br>APPLICATION          |                  |
| MANCHESTER<br>(TOWN)         | 362-3339                     | 0.60                    | AL                      |                              |                  |
| MARSHFIELD                   | 426-3257                     | 0.04                    | AL                      |                              |                  |



# WASTEWATER TREATMENT FACILITIES

PAGE 3

STATE: Vermont

| LOCATION               | TELEPHONE<br>NUMBER<br>(802) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS            |
|------------------------|------------------------------|-------------------------|-------------------------|------------------------------|--------------------|
| MIDDLEBURY             | 388-7994                     | 2.20                    | RBC                     | LAND<br>APPLICATION          |                    |
| MILTON                 | 893-1170                     | 0.22                    | AL                      |                              |                    |
| MONTPELIER             | 223-9511                     | 3.97                    | AS                      | LAND<br>APPLICATION          |                    |
| MORRISVILLE            | 888-3138                     | 0.42                    | EA                      | LAND<br>APPLICATION          |                    |
| NEWPORT CITY           | 334-8886                     | 1.20                    | EA                      | LAND<br>APPLICATION          |                    |
| NEWPORT<br>CENTER      | 334-6442                     | 0.04                    | ST                      | LAND<br>APPLICATION          |                    |
| NORTH TROY             | 988-4787                     | 0.11                    | EA                      | LAND<br>APPLICATION          |                    |
| NORTHFIELD             | 485-7355                     | 1.63                    | TF                      | LAND<br>APPLICATION          |                    |
| ORLEANS                | 754-2150                     | 0.19                    | AL                      | STORING                      | Phosphorus removal |
| ORWELL                 | 948-2131                     | 0.03                    | AL                      |                              |                    |
| PAWLET                 | 645-0387                     | 0.05                    | RBC                     | LAND<br>APPLICATION          | UV disinfection    |
| PITTSFORD              | 483-6297                     | 0.07                    | EA                      | LANDFILL                     |                    |
| PLAINFIELD             | 454-7173                     | 0.10                    | EA                      | LAND<br>APPLICATION          |                    |
| POULTNEY               | 287-9727                     | 0.35                    | EA                      | LAND<br>APPLICATION          |                    |
| PROCTOR                | 459-3333                     | 0.32                    | P                       | LAND<br>APPLICATION          |                    |
| PUTNEY                 | 387-4345                     | 0.08                    | EA                      |                              |                    |
| QUECHEE<br>LAKES CORP. | 295-7525                     | 0.31                    | AL                      |                              |                    |
| RANDOLPH<br>VILLAGE    | 782-5433                     | 0.40                    | EA                      | LAND<br>APPLICATION          |                    |
| READSBORO              | 423-7681                     | 0.07                    | AL                      |                              |                    |
| RICHFORD               | 848-3683                     | 0.38                    | AL                      |                              |                    |
| RICHMOND               | 434-2178                     | 0.22                    | EA                      | LAND<br>APPLICATION          |                    |

## WASTEWATER TREATMENT FACILITIES

PAGE 4

STATE: Vermont

| LOCATION                          | TELEPHONE<br>NUMBER<br>(802) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS                                 |
|-----------------------------------|------------------------------|-------------------------|-------------------------|------------------------------|-----------------------------------------|
| ROCHESTER                         | 767-8732                     | 0.06                    | ST                      | TRANSPORT                    |                                         |
| RUTLAND                           | 773-1851                     | 6.60                    | EA                      | LAND<br>APPLICATION          | AWT                                     |
| RUTLAND CTR.<br>F.D. #1           | 773-8586                     | 0.03                    | P                       | LANDFILL                     |                                         |
| RYEGATE F.D. #1<br>(EAST)         |                              | 0.07                    | ST                      | TRANSPORT                    |                                         |
| RYEGATE (SOUTH)                   |                              | 0.01                    | ST                      | TRANSPORT                    |                                         |
| ST. ALBANS                        | 524-3417                     | 4.00                    | TF                      | LAND<br>APPLICATION          | Phosphorus removal;<br>Upgrade with RBC |
| ST. JOHNSBURY                     | 748-9124                     | 1.90                    | P                       | LANDFILL                     |                                         |
| SAXTONS<br>RIVER                  | 869-2725                     | 0.11                    | OD                      | LANDFILL                     | Land application<br>(seasonal)          |
| SHELBURNE<br>F.D. #1              | 985-3533                     | 0.28                    | EA                      | LAND<br>APPLICATION          |                                         |
| SHELBURNE<br>F.D. # 2             | 985-3700                     | 0.45                    | EA                      | LAND<br>APPLICATION          |                                         |
| SHELDON<br>VILLAGE                | 933-8359                     | 0.05                    | EA                      | LAND<br>APPLICATION          |                                         |
| SHERBURNE F.D. #1                 | 422-3831                     | 0.03                    | RBC                     | TRANSPORT                    | Sludge trucked to<br>Rutland City       |
| S. BURLINGTON<br>(AIRPORT)        | 658-7964                     | 1.20                    | P                       | LAND<br>APPLICATION          | Phosphorus removal                      |
| S. BURLINGTON<br>(BARTLETT'S BAY) | 658-7965                     | 0.70                    | EA                      | LAND<br>APPLICATION          | Phosphorus removal                      |
| S. ROYALTON                       | 763-8033                     | 0.07                    | AL                      |                              |                                         |
| S. WOODSTOCK                      | 457-1910                     | 0.05                    | EA                      | LAND<br>APPLICATION          |                                         |
| SPRINGFIELD                       | 885-2854                     | 2.20                    | AS                      | LAND<br>APPLICATION          |                                         |
| STOWE                             | 253-9338                     | 0.20                    | OD                      | LAND<br>APPLICATION          | Sand filters                            |
| SWANTON                           | 868-7212                     | 0.90                    | SP                      |                              |                                         |
| TAFTSVILLE<br>(WOODSTOCK)         | 457-1910                     | 0.01                    | AS                      | LAND<br>APPLICATION          |                                         |
| VERGENNES                         | 877-2931                     | 0.66                    | AL                      | LANDFILL                     | Phosphorus removal                      |

## WASTEWATER TREATMENT FACILITIES

PAGE 5

STATE: Vermont

| LOCATION                    | TELEPHONE<br>NUMBER<br>(802) | DESIGN<br>FLOW<br>(MGD) | TYPE<br>OF<br>TREATMENT | SLUDGE<br>DISPOSAL<br>METHOD | REMARKS            |
|-----------------------------|------------------------------|-------------------------|-------------------------|------------------------------|--------------------|
| WALLINGFORD                 | 446-2325                     | 0.12                    | OD                      | LAND<br>APPLICATION          |                    |
| WATERBURY                   | 244-7033                     | 0.51                    | AL                      |                              |                    |
| WEST GLOVER                 | 525-6227                     | 0.06                    | ST                      | TRANSPORT                    |                    |
| WEST RUTLAND                | 438-5633                     | 0.32                    | EA                      | LAND<br>APPLICATION          |                    |
| WHITINGHAM                  | 368-7538                     | 0.01                    | RBC                     | LAND<br>APPLICATION          | UV disfection      |
| WILLIAMSTOWN                | 433-5571                     | 0.15                    | AL                      | LANDFILL                     |                    |
| WILMINGTON                  | 464-3862                     | 0.09                    | P                       | LANDFILL                     |                    |
| WINDSOR<br>(MAIN)           | 674-5950                     | 1.30                    | P                       | LANDFILL                     |                    |
| WINDSOR<br>(WESTON HEIGHTS) | 674-5950                     | 0.01                    | EA                      | LANDFILL                     | Sand filter        |
| WINOOSKI                    | 655-0450                     | 1.20                    | EA                      | LAND<br>APPLICATION          | Phosphorus removal |
| WOODSTOCK (MAIN)            | 457-1910                     | 0.45                    | EA                      | LAND<br>APPLICATION          |                    |
| WOODSTOCK (SOUTH)           | 457-1910                     | 0.05                    | EA                      | LAND<br>APPLICATION          |                    |