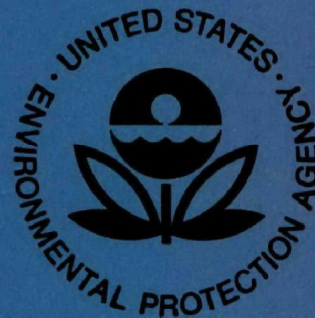


MUNICIPAL
WASTEWATER TREATMENT FACILITIES
IN NEW ENGLAND

**United States
Environmental
Protection Agency
Region I**



MUNICIPAL
WASTEWATER TREATMENT FACILITIES
IN NEW ENGLAND

PREPARED BY:

LARRY BRILL, P.E.

2/1/79

HIBBARD E. ARMOUR, CHIEF
OPERATIONS & MAINTENANCE SECTION

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

FOREWORD

THE PURPOSE OF THIS INDEX IS TO PRESENT AN ALPHABETICAL LISTING, CATEGORICALLY IDENTIFYING EACH MUNICIPAL WASTEWATER TREATMENT FACILITY IN REGION I BY LOCATION, DESIGN FLOW, AND MODE OF OPERATION. IT FURTHER IDENTIFIES THOSE FACILITIES CURRENTLY UNDER A STEP TWO OR THREE GRANT WITHIN THE CONSTRUCTION GRANTS PROCESS.

THE PROJECT NUMBERS LISTED IN THIS INDEX ARE PROVIDED TO CROSS-REFERENCE THE GRANT APPLICANT WITH SPECIFIC PLANTS. THESE NUMBERS HAVE BEEN UP-DATED, WHERE POSSIBLE, TO REFLECT THE MOST RECENT GRANT PERTAINING TO THE TREATMENT FACILITY.

EVERY EFFORT WAS MADE TO MAKE THE LIST AS CURRENT AND COMPLETE AS POSSIBLE. HOWEVER, SLIGHT DISCREPANCIES OR OMISSIONS MAY EXIST. THE OPERATION AND MAINTENANCE SECTION WILL REVISE AND UP-DATE THIS INDEX ANNUALLY, THEREFORE, IT IS REQUESTED THAT ANY NOTED DISCREPANCIES BE REPORTED TO THIS SECTION.

K E Y

TYPE OF TREATMENT CATEGORY

PRI	PRIMARY WASTEWATER TREATMENT
A.S.	CONVENTIONAL ACTIVATED SLUDGE
E.A.	EXTENDED AERATION
SEC.	SECONDARY BIOLOGICAL TREATMENT
O.D.	OXIDATION DITCH
T.F.	TRICKLING FILTER
A.W.T.	ADVANCED WASTEWATER TREATMENT
S.F.	SAND FILTER (S)
IMHOFF	IMHOFF TANKS
S.P.	STABILIZATION PONDS (S)
A.L.	AERATED LAGOON (S)
P.P.	POLISHING POND (S)
P.S.	PRIMARY SEDIMENTATION
W/N.REM.	WITH NITROGEN REMOVAL
W/P.REM.	WITH PHOSPHORUS REMOVAL
NFF	NON-FEDERALLY FUNDED

EXPLANATION OF CATEGORIES

THE CLASSIFICATION MAJOR - MINOR IS CONSISTENT WITH DEFINITIONS
USED BY EPA REGION I ENFORCEMENT DIVISION.

REGION I PUBLICLY OWNED TREATMENT WORKS

SUMMARY OF PLANT SIZE & FLOW

STATE	No. OF PLANTS	TOTAL FLOW (MGD)	PLANTS >1 MGD		PLANTS .25-1MGD		Plants < .25MGD	
			#	ΣQ	#	ΣQ	#	ΣQ
CONN.	99	499.14	70	487.83	23	10.53	6	.785
MAINE	119	152.73	40	131.39	37	18.22	42	3.126
MASS.	141	1023.56	78	1003.17	39	18.27	24	2.117
N.H.	87	158.27	25	140.84	38	14.84	24	2.586
R.I.	31	180.86	15	177.84	5	2.15	11	.87
VERMONT	93	63.51	18	44.95	30	13.88	45	4.684
TOTALS	570	2078.08	246	1986.02	172	77.89	152	14.168

SUMMARY OF OPERATING MODES

MODE	CONN.	MAINE	MASS.	N.H.	R.I.	VERMONT	TOTALS
Primary	7	12	11	3	2	15	50
Primary W/Sand Beds	-	-	7	2	3	3	15
Trickling Filters	15	1	12	3	2	2	35
T.F. W/Sand Beds	4	-	2	-	-	-	6
Activated Sludge	66	77	88	40	17	37	325
A.S. W/Sand Beds	1	-	5	-	5	-	11
Oxidation Ditch	-	15	-	7	-	7	29
Bio-Disc	-	4	-	7	-	2	13
Aerated Lagoon	-	2	-	3	-	19	24
Stab. Ponds	-	5	1	15	-	-	21
AWT	6	3	14	7	2	8	40
Sand Beds			2				2

The flows shown are design flows, and include all operating facilities and projects in a step 2 and 3 grant phase. The mode of operation is summarized from the following tables. Where mode was not specifically designed secondary plants were considered to be activated sludge.

WASTEWATER TREATMENT FACILITIES

STATE Connecticut

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C090091	ANSONIA	3.5	A.S.	X			
C090116	BEACON FALLS	0.5	A.S.	X			
C090023	BETHEL	1.0	A.S.	X			
C090194	BRANFORD	1.5	A.S.	X		2	Designed for expansion to 4.5 mgd Sec
C090098	BRIDGEPORT E.	12.	A.S.	X			
C090099	BRIDGEPORT W.	30.	A.S.	X			
NFF	BRISTOL (Main)	3.5	T.F.	X			
NFF	(Forrestville) BRISTOL	5.0	T.F.	X			
C090081	CANAAN F.D.	0.33	A.S.	X			
C090256	CANTON	0.38	T.F.	X			
C090097	CHESHIRE	1.5	A.S.	X			
C090025	CONNECTICUT VALLEY HOSP.	0.5	T.F.		X		
C090210	(MATTABASSETT DIST) CROMWELL	30	AWT	X		2	Upgrade to Sec.
C090101	DANBURY	12.5	T.F.	X		3	Operating
C090161	DERBY	3.0	AS	X			
C090089	MDC EAST HARTFORD	10.5	A.S.	X			
C090170	EAST HAMPTON			X		3	Construction of 3.9 MGD SEC.
C090060	EAST WINDSOR	1.5	A.S.	X			
C090094	ENFIELD	10.0	A.S.	X			
C090126	FAIRFIELD	9.0	A.S.	X			
C090145	FAIRFIELD HILLS HOSP.	0.42	AWT		X		
C090125	FARMINGTON	3.7.	T.F.	X			
C090123	GLASTONBURY	3.2	A.S.	X			

WASTEWATER TREATMENT FACILITIES

STATE Connecticut

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
	GRANBY		IMHOFF				
NFF	GREENWICH	8.5.	A.S.	X			
C090080	(JEWETT CITY) GRISWOLD	0.5	A.S.	X			
C090136	GROTON (TOWN)	5.0	A.S.	X			
C090104	(FORT HILL) GROTON (CITY)	3.1	A.S.	X			
C090089	HARTFORD	50	A.S.	X			
NFF	HERITAGE VILLAGE	0.5	E.A.		X		
C090334	KENT	0.12	AWT		X	2	Plant Modifications
C090153	KILLINGLY	8.0	A.S.	X			
C090115	LITCHFIELD	0.8	A.S.	X			
NFF	(LIFETIME - HOMES) LEDYARD	0.24	T.F.	X			
C090213	MANCHESTER	6.75	A.S.	X		2	Modifications to Existing Plant.
NFF	(TRAINING SCL) MANSFIELD	0.6	T.F.	X			
C090200	MERIDEN	7.0	T.F.	X		2	Upgrade to 11.7 MGD AWT
C090142	MIDDLETOWN	6.7	A.S.	X		3	
	MILFORD:						
NFF	GULF POND	2.4	A.S.	X			
NFF	HARBOR	0.5	A.S.	X			
NFF	TOWN MEADOWS	1.2	A.S.	X			
C090072	BEAVER BROOK	3.1	A.S.	X			
C090362	MONTVILLE	1.4	A.S.	X			
C090108	NAUGATUCK	6.7	A.S.	X			
C090017	NEW CANAAN	1.5	A.S.	X			
C090071	NEW HARTFORD	0.02	A.S.		X		

WASTEWATER TREATMENT FACILITIES

STATE Connecticut

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
	NEW HAVEN :						
C090003	BOULEVARD	13.5	PRI	X			
C090039	EAST ST.	22.5	PRI	X			
C090176	EAST SHORE	10	PRI	X		3	
C090175	NEW LONDON	6.4	PRI	X		3	Modifications to Existing Plant
C090004	NEW MILFORD	0.5	A.S.	X			
C090114	NORFOLK	0.35	A.S.	X			
C090266	NORTH HAVEN	4.56	T.F.	X		2	Expansion & Modification of existing plant
C090165	NORWALK	15	A.S.	X		3	Const. of Supplemental Sec. Plant
C090152	NORWICH	4.5	PRI	X		3	Construction of New Sec. Plant.
C090110	(CONN. VILLAGE) PLAINFIELD	0.75	W/SF A.S.	X			
C090110	(NORTH) PLAINFIELD	1.1	A.S.	X			
C090201	PLAINVILLE	1.5	T.F.	X		3	Expand and Upgrade Existing Plant
C090010	(Terryville) PLYMOUTH	1.2	T.F.	X			
C090085	PORTLAND	1.2	A.S.	X			
C090301	PUTNAM	2.9	A.S.	X		3	Const. of New Sludge Sludge Handling Facilities
C090149	RIDGEFIELD	0.72	A.S.	X			
C090117	(HARTFORD) ROCKY HILL	7.5	A.S.	X			
C090111	SALISBURY	0.68	A.S.	X			
C090121	SEYMOUR	1.0	A.S.	X			
C090158	SHELTON	1.5	PRI	X		3	New Secondary
C090147	SIMSBURY	1.8	A.S.	X			

WASTEWATER TREATMENT FACILITIES

STATE Connecticut

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C090209	SOMERSVILLE	.065				3	New Secondary
NFF	(MEDIUM SECURITY PRISON) SOMERS	0.2	T.F. w/S.F.		X		
NFF	(TRAINING SCL) SOUTHBURY	0.3	T.F. w/S.F.		X		
C090222	SOUTHINGTON	7.8	T.F.	X		2	Upgrade to AWT
C090141	SOUTH WINDSOR	3.75	A.S.	X			
C090133	SPRAGUE (BAL TIC)	0.4	A.S.	X			
C090134	STAFFORD	2.0	A.S.	X			
C090148	STAMFORD	20	A.S.	X		3	
C090155	(BOROUGH) STONINGTON	.67	A.S.	X			
C090120	(MYSTIC PLANT) STONINGTON	0.8	A.S.	X			
C090155	STONINGTON (PAWCATUCK)	1.31	A.S.	X		3	Under Construction
C090321	STRATFORD	11.5	A.S.	X		2	Design for Modifications
C090040	SUFFIELD	1.0	PRI	X			
C090122	THOMASTON	1.2	A.S.	X			
C090137	THOMPSON	1.36	A.S.	X			
C090087	(RT. 8) TORRINGTON	7.0	A.S.	X			
NFF	(BURRVILLE) TORRINGTON	0.14	A.S.	X			To be abandoned with flow going to route 8 plant.
NFF	(AVERY POINT) U. CONN.	0.33	A.S.		X		
C090031	(MANSFIELD) U. CONN.	2.0	T.F. w/S.F.	X			
C090177	(STORRS) U. CONN.	1.98	T.F. w/S.F.	X		3	
C090180	(ROCKVILLE) VERNON	3.5	T.F.	X		3	Expand and Upgrade to AWT
C090237	WALLINGFORD	5.0	T.F.	X			
C090128	WATERBURY	20	A.S.	X			
	(SEASIDE REG. CTR) WATERFORD	UNK	A.S.		X		

STATE Connecticut

[illegible]

WASTEWATER TREATMENT FACILITIES

STATE Maine

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C230075	ANSON-MADISON	3.68	A.S.	X		3	
C230016	ASHLAND S.D.	0.10	S.P.		X		
C230173	AUGUSTA	6.8	PRI.	X		3	Upgrade to 7.45 MGD A.S.
C230069	(Woodland) BAILEYVILLE	0.3	O.D.	X			
C230071	BANGOR	9.0	PRI.	X			
	BAR HARBOR:						
C230084	MAIN	1.20	A.S.	X		3	Completed
C230084	HULLS COVE	0.065	O.D.		X	3	Completed
C230084	DE GREGOIRE PARK	0.012	E.A.		X	3	Completed
C230168	BATH	1.64	A.S.	X		2	Upgrade
C230066	BELFAST	0.51	E.A.	X			
C230090	BERWICK	0.60	SEC.	X			
C230081	BETHEL	0.30	E.A.	X			
C230050	BETHEL SCHOOL DISTRICT	0.01	A.S.	X			
C230021	BIDDEFORD	2.64	E.A.	X			
C230064	BINGHAM	0.15	E.A.		X		
C230097	BLUE HILL	0.07	E.A.		X		
C230017	BOOTHBAY HARBOR	0.64	PRI.	X			
C230099	BREWER	3.03	A.S.	X			
C2300145	BRUNSWICK	2.5	PRI.	X			
C230049	CALAIS	0.74	E.A.	X			
C230059	CAMDEN	1.21	A.S.	X			
C230035	(SPURWINK) CAPE ELIZABETH	0.239	O.D.		X		
	(HUNT'S POINT) CAPE ELIZABETH	0.01	E.A.		X		

WASTEWATER TREATMENT FACILITIES

STATE Maine

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C230088	CASTINE	0.126	A.S.		X		
C230121	CARIBOU UTILITY DIST.	2.0	PRI.	X		2	
	CLINTON S.D.	UNK	OLD SEPTIC TANKS		X		
C230058	CORRINA	1.2	E.A.	X			
C230130	DEXTER	.54	TERT- IARY		X	2	New
C230148	EAST MILLINOCKET	0.49	STAB. PONDS		X	2	New Design Pop. 2500
C230127	ELLSWORTH	0.65	BIO DISC.	X		3	Under Construction
C230060	FALMOUTH	1.56	E.A.	X			
C230072	FARMINGTON	0.6	O.D.	X			
C230102	FORT FAIRFIELD	0.48	BIO DISC.	X		3	Construction of Sec
C230054	FORT KENT	0.7	O.D.	X			
C230116	FREEPORT S.D.	0.23	A.S.	X		3	Completed
C230151	GARDINER	1.6	A.S.	X		2	New
C230092	HARTLAND	1.23	A.S.	X		3	
C230070	HOULTON	1.5	E.A.	X			
C230166	ISLESBORO	.013	SEPTIC TANK SAND FILTER		X	2/3	New
C230101	KENNEBEC	12.7	A.S.	X		3	Complete
C230187	(WATER ST.) KENNEBUNK	3.0	PRI.	X		2	Design of upgrade to 1.1 MGD Sec.
C230187	(Boothby Rd) KENNEBUNK	0.7	PRI.	X			
C230076	KENNEBUNKPORT	0.25	E.A.	X			
C230051	KITTERY	1.5	E.A.	X			
	KITTERY (Admiralty Village - Navy)	0.3	IMHOFF TANK	X			
C230078	(AUBURN) LEWISTON	14.2	A.S.	X			
C230167	LIMERICK	0.11	A.L.		X	2	New

WASTEWATER TREATMENT FACILITIES

STATE Maine

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C230096	LISBON	1.5	SEC.	X		3	New Sec.
C230025	LIMESTONE	0.3	A.S.	X		2	Upgrade
C230157	LINCOLN S.D.	1.07	SEC.	X		2	Construction of Sec.
C230094	LIVERMORE FALLS	1.0	SEC.	X			New Sec.
C230093	MACHIAS	0.3	SEC.	X			
C230136	MADAWASKA	0.6	SEC.		X	3	New Sec.
	MAINE:						
	SCHOOL DIST. #4 GUILFORD				X		
	SCHOOL DIST. #4 PISCATAQUIS				X		
	MARSHWOOD H.S. DIST. #35	0.015			X		
	MAINE SCHOOL DIST. #37	0.0075	O.D.		X		
	SCHOOL DIST. #52 TURNER	0.021	A.S.		X		
	CRESCENT BEACH	0.052	PRI		X		
	MENS' COR- RECTION CTR.	0.15	O.D.		X		
	FARMINGTON S.A.D.	UNK	A.S.		X		
	WINDHAM S.A.D.	UNK	O.D.		X		
C230089	MAPLETON	0.08	E.A.		X		
C230055	MARS HILL	0.35	PRI.		X		
	MINIMUM SEC. UNIT	0.00625	O.D.		X		
C230125	MILLINOCKET	2.33	SEC.	X		3	New Sec.
C230098	MOOSEHEAD	0.25	E.A.	X		3	Land Application
	MOUNT DESERT:						
C230087	N. E. HARBOR	0.33	A.S.	X			

WASTEWATER TREATMENT FACILITIES

STATE Maine

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C230087	SEAL HARBOR	0.15	A.S.		X		
C230087	SOMERSVILLE	0.08	A.S.		X		
C230048	OTTER CREEK	0.125	O.D.		X		
C230150	NEWPORT	0.85	SEC.		X	2	New Plant
	N.E.R.W.I.	UNK	A.S.				To flow to Portland
C230082	NORTH JAY	0.065	A.S.		X		
C230030	NORWAY	0.65	A.L.	X		2	Rehabilitation
C230073	OAKLAND	0.98	E.A.	X			
C230024	OGUNQUIT	0.64	E.A.	X			
C230114	OLD ORCHARD BEACH	1.5	PRI.	X		3	Construction of Sec.
C230138	OLD TOWN	1.7	Bio Disc	X		3	
C230056	ORONO	1.84	E.A.	X			
C230100	PARIS UTIL. DISTRICT	1.85	A.S.	X		3	New
C230095	PENOBSCOT TRIBAL RES.	0.07	O.D.		X		
	PETER DANA POINT	0.013	O.D.		X		
	PINELAND CTR	0.25	T.F.		X		
	PLEASANT POINT (PASSAMAQUODOY)	.042	O.D.		X		
C230142	PITTSFIELD	1.2	S.P.	X		3	Under Construction
C230046	PORTLAND (Stroudwater)	0.4	E.A.		X		
C230123	PORTLAND (City)	15.2	A.S.	X		3	
C230004	PRESQUE ISLE	0.74	PRI	X			
C230109	RANGELY	0.14	AWT.	X			
C230036	RICHMOND	0.25	PRI		X		

WASTEWATER TREATMENT FACILITIES

STATE Maine

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C230108	ROCKLAND	2.8	SEC.	X		3	Under Construction
C230104	(RIVER RD.) RUMFORD-MEXICO	2.65	A.S.	X		3	Completed
C230104	(RUMFORD PT.) RUMFORD-MEXICO	0.019	A.S.		X	3	Pri. Screens-Bio. Tower - A.S.
C230063	SACO (City Proper)	1.41	A.S.	X			
C230068	SACO (Factory Isl.)	1.3	PRI.	X		2	Upgrade
C230011	SACO (Ind. Park)	0.025	A.S.	X			
C230132	SANFORD S.D.	5.0	S.P.	X		2	Design for A.W.T.
C230115	SCARBOROUGH	1.8	SEC.			2	Step 2
C230053	SCARBOROUGH	0.41	E.A.	X			
C230065	SKOWHEGAN	1.4	A.S.	X			
C230033	S. BERWICK	0.5.	PRI.		X		
C230047	ST. AGATHA	0.06	E.A.		X		
C230117	SO. PORTLAND	5.5	A.S.	X		3	Under Construction
C230106	SOUTHWEST HARBOR	0.375	A.S.	X		3	
	(PRINCETON) THE STRIP	0.015	O.D.		X		
C230044	THOMASTON	0.46	E.A.	X			
C230080	UNITY	0.215	S.P.		X		
NFF	Univ. of MAINE (GORHAM)	0.115	A.S.	X			
C230068	VAN BUREN	0.56	A.S.	X			
C230047	WALDBORO	0.2	E.A.		X		
C230124	WASHBURN				X	2	Construction of 0.35 MGD S.P.
C230118	WELLS	1.50	A.S.	X		3	Under Construction
C230122	WESTBROOK	4.4	A.S.	X		3	New
C230137	WILTON			X		3	0.45 MGD Bio Disc

STATE Maine

STATE Maine

[illegible]

WASTEWATER TREATMENT FACILITIES

STATE Massachusetts

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
	ABINGTON	0.027	E.A.		X		
C250169	ADAMS	8.2	E.A.	X			
C250244	AMESBURY	1.9	E.A.	X			
C250028	AMHERST	0.04 3.5	AWT PRI	X		3	Modifications to upgrade pri. plant to secondary
NFF	ANDOVER	0.035	T.F.				Flow to Lawrence
C250193	ATHOL	2.25	E.A.	X			
C250035	ATTLEBORO	4.0	T.F.	X		3	Const. 8.6 MGD AWT
C250195	AYER	0.54	T.F.	X		2	Plans for design 1.79 A.S.
C250178	BARNSTABLE	1.4	PRI W/SF		X	3	Upg. to 4.2 MGD Sec.
C250136	BARRE				X	2	Plans for design 0.15 MGD A.S.
C250145	BELCHERTOWN SCHOOL	0.5	A.S. W/S.P	X			
C250248	BILLERICA	1.6	E.A.	X			
	BILLERICA HofC	0.185	T.F.		X		
C250161	BOSTON DEER ISLAND	343	PRI	X			
NFF	BOSTON NUT ISLAND	112	PRI	X			
C250097	BRIDGEWATER	0.6	T.F.		X		
NFF	BRIDGEWATER S.H.	UNK	S.F.		X		
C250085	BROCKTON	12.0	A.S.	X		2	Upg. to AWT
C250230	BUCKLAND	0.25	E.A.				
C250297	CHARLES RIVER P.C.D.	4.4	AWT			3	New
NFF	CHARLTON	0.035	IMHOFF TO T.F.		X		
C250200	CHATHAM	0.44	E.A. W/SF				
C250239	CHICOPEE	12.0	PRI	90%	State	Funded	Sec. Under Construction
NFF	CLINTON	3.0	T.F.				

WASTEWATER TREATMENT FACILITIES

STATE Massachusetts

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C250170	COHASSET	0.072	E.A.		X		
C250166	CONCORD	1.0	IMHOFF W/SF	X			
NFF	CONCORD HofC	UNK	PRI		X		See M.C.I. - Concord
C250165	DARMOUTH	2.0	E.A.	X			
C250197	DEERFIELD	0.25	E.A.	X			
C250042	DIGHTON-REHOBOTH REG. HIGH SCH.	0.02	E.A.		X		
C250245	DOUGLAS	0.18	E.A.		X	3	New Sec.
C250185	DUDLEY	0.7	E.A.	X			
C250001	EAST HAMPTON	3.8	A.S.	X			
C250225	EDGARTOWN	0.35	A.S.				
C250262	ERVING	3.15	A.S.	X		3	On Line
C250436	ERVING (Farley)	0.25	E.A.			3	
C250262	ERVING (Millers Falls)	1.0	A.S.	X			
C250186	FAIRHAVEN	3.1	A.S.	X			
C250189	FALL RIVER	0.978	PRI	X		3	Upgrade to secondary
C250227	FITCHBURG E.	12.4	AWT	X		3	2 stage aeration
C250234	FITCHBURG W.	15.3	AWT	X		3	Phys. chem act. carbon
NFF	FRANKLIN	2.0	T.F.	X			
C250223	GARDNER	3.8	T.F. W/SF	X		2	Plans for design New 4.37 mgd AWT
NFF	GARDNER ST. HOSP.	0.135	IMHOFF				
C250260	GLOUCESTER	7.24			X		90% State Funded
C250271	GRAFTON	1.0	A.S. W/PREM	X		2	Plans for design of New A.S.
	GRAFTON ST. HOSP.	1.0	PRI W/SF				
C250236	GREAT BARRINGTON	3.2	A.S.	X			

WASTEWATER TREATMENT FACILITIES

STATE Massachusetts

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C250238	GREENFIELD	3.2	T.F.	X			
C250092	(Indian Hill WWTF) HADLEY	0.30	E.A.	X			
C250240	HARDWICK	0.25	E.A.		X	3	Village of Wheel- right - operating
C250266	HAVERHILL	18.0	A.S.	X		3	New
C250027	HOLYOKE	7.5	PRI	90% X	State Funded		Upgrade
	(WILLIAMSTOWN HOOSIC (WQD)	5.37	A.S.	90% State Funded			Upgrade
	HOPEDALE	1.25 0.004	T.F.		X	2	Const. of testing AWT 0.74 MGD
C250338	HUDSON	3.02	T.F.	X		2	Expansion and Upgrade
C250300	HULL	0.89	SEC	X		3	3.07 MGD Sec.
C250319	HUNTINGTON	0.2	A.S.		X	3	
C250093	IPSWICH	0.54	E.A.	X			
C250252	LAWRENCE S.D.	52.	A.S.		X		
C250148	LEE	1.0	E.A.	X			
C250111	LEICESTER	0.118	E.A. W/RR		X		
C250188	LENOX CTR.	0.91	E.A.	X			
C250188	LENOXDALE	0.28	E.A.	X			
C250067	LENOX - NORTH	0.26	PRI	X			To be Abandoned
C250214	LEMONISTER	3.0	A.S.	X			Design of 8.8 MGD AWT
C250048	LONG ISLAND BOSTON HOSP.	1.5	IMHOFF		X		
C250251	LOWELL	32.0	SEC	X		3	New
C250283	LYNN	25.0	SEC	X		2	Plans for design Regional Plant
C250198	MANCHESTER	0.3	E.A. W/SF	X			
C250345	MANSFIELD	3.4	AWT	X		2	Design

WASTEWATER TREATMENT FACILITIES

STATE Massachusetts

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C250202	MARION	0.34	SP W/SF	X			
C250221	MARLBOROUGH E	5.5	AWT N&PREM	X			
C250182	MARLBOROUGH W.	2.0	A.S.	X			
C250470	MARSHFIELD	2.1	SEC		X	3	Const. of 2 1 MGD Sec.
C250247	MAYNARD	1.3	A.S.	X		3	Upg. aeration tanks
NFF	CONCORD M.C.I.	.162	PRI W/SB		X		
C250249	MEDFIELD	1.52	A.S.	X			
NFF	MEDFIELD ST. SCHOOL	UNK	IMHOFF W/SF		X		
C250453	MERRIMAC	0.45	E.A.		X	3	Sec.
C250305	MIDDLEBORO	2.1	A.S.	X		3	Upg. to AWT
C250134	MILFORD	4.0	T.F.	X			
C250172	MILLBURY	1.0	T.F.	X			
C250139	MILLIS	0.3	E.A. W/SF	X			
C250206	MONROE	0.028	E.A.		X		
M-16	MONSON ST.SCH MONSON ST.HOSP.	.250	IMHOFF W/TF		X		
C250076	MONTAGUE	1.83	PRI	X		3	Upg. to Sec.
NFF	MT. GREYLOCK	0.012	E.A.		X		
NFF	NANTUCKET	1.0	S.B.		X		
C250199	NEW BEDFORD	30.0	PRI	X		3	Complete
C250088	NEWBURYPORT	2.6	PRI	X		3	Const. of 3.4 AWT
NFF	NORFOLK PRISON STP	0.3	E.A.		X		w/Sand Filtration
C250006	NORTH HAMPTON	3.0	PRI	X		3	Sec.
C250079	NORTH ATTLEBOROUGH	1.2	T.F.	X		3	Const. of 4.61 AWT
C250225	NORTHBRIDGE	1.8	T.F. W/SF	X			

WASTEWATER TREATMENT FACILITIES

STATE Massachusetts

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C250208	NORTH BROOKFIELD	0.5	A.S W/TF	X			
C250203	NORTHFIELD	0.275	E.A.	X			
C250039	OLD ROCHESTER SCHOOL DIST.	.24	E.A.		X		
C250170	ORANGE	2.20	SEC	X			
C250246	OXFORD- ROCHDALE S.D.	0.184	A.S.		X		
C250279	PALMER	1.4	A.S.	X		3	Upg. - Expansion
C250387	PEPPERELL	0.7	E.A.	X		3	New Plant
C250031	PITTSFIELD	11	T.F.	90% State Funded			Upg. A.S.
C250162	PLYMOUTH	1.75	E.A.	X			
C250106	ROCKLAND	1.0	A.S.	X		2	Prep. of plans for A.S.
C250255	ROCKPORT	0.8	E.A.	X		3	Now in Operation
C250229	ROYALSTON	0.03	E.A.		X	3	
C250021	RUSSEL	0.11	E.A.		X		
C250144	SCITUATE	1.0	E.A.	X		2	Design Sec.
C250013	SHREWSBURY	1.75	T.F.	X			
C250164	SOMERSET	1.6	E.A.	X			
C250179	SOUTHBRIDGE	2.3	E.A.	X			
C250241	SOUTH ESSEX S.D.	41.0	PRI	X		3	
C250197	SOUTH DEERFIELD	0.9	E.A.	X			
C250018	SOUTH HADLEY	1.74	PRI	X		3	Const. of 5.1 MGD Sec.
C250194	SPENCER	0.98	E.A.	X			
C250050	SPRINGFIELD	30	PRI	X		3	Const. of Regional Sec.
C250431	STOCKBRIDGE	0.6	PRI W/SF	X		2	Design of 0.6 MGD Sec.

WASTEWATER TREATMENT FACILITIES

STATE Massachusetts

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C250189	STURBRIDGE	0.310	E.A.	X			
C250250	SUNDERLAND	0.5	E.A.	X			
C250210	SWAMPSCOTT	2.17	PRI	X			
C250168	TAUNTON	4.0	PRI	X			Upg. Expansion to Sec.
NFF	TAUNTON ST. SCHOOL	EST. 0.15	T.F.		X		
C250306	TEMPLETON	2.81	AWT	X		3	New AWT
M- 22	TEWKSBURY STATE HOSP.	N/A	PRI W/SF		X		
C250253	UPPER BLACKSTONE	56	A.S.	X		3	Const. of Sec.
C250204	UPTON	0.3	A.S.	X			
C250289	UXBRIDGE	2.49	SEC W/PREM	X		3	New
C250096	WARE	0.8	PRI	X 90%	State	Funded	
C250201	WAREHAM	5.0	SEC	X			
C250090	WARREN	0.495	E.A.	X			
C250245	WAYLAND	0.25	Sept.			2	Septage Treatment
C250242	WEBSTER	6.33	E.A.	X		3	Const. of Sec.
C250183	WESTBOROUGH	11.0	E.A.	X			
NFF	WESTBORO ST. HOSP.	EST. 0.25	T.F. W/SF		X		
C250218	WESTFIELD	4.0	A.S.	X			
C250216	WILBRAHAM	0.615	A.S.	X			
	WILLIAMSTOWN REG. H.S.	0.25					
C250254	WINCHENDON	0.5	SEC	X			
Mass. 151	WRENTHAM & WRENTHAM ST.	0.45 SCH.	E.A.	X			

WASTEWATER TREATMENT FACILITIES

STATE New Hampshire

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C330104	ALLENSTOWN	1.06	A.S.	X			
C330126	ANTRIM				X	3	Design of 0.21 MGD A.L.
C330064	ASHLAND	0.25	A.L.	X			
C330060	(Ctr. Harbor) BAY DISTRICT	0.25	S.P.	X			
C330111	BERLIN	4.1	A.S.	X		3	New
	BETHLEHEM				X	2	0.34 MGD A.L.
C330069	BRISTOL	0.23	O.D.		X		
C330177	CARROLL CO. NURSING HOME					2	Design of .03 MGD Secondary
C330135	CHARLESTOWN	1.12	S.P.	X		3	Upgrade to Sec.
C330094	COUNTY FARM CHESHIRE	0.02	A.L.		X		
NFF	CLAREMONT	2.0	PRI	X		2	New 6.61 MGD Sec.
C330035	COLEBROOK	0.2	S.P.	X			
C330087	CONCORD N.	4.2	A.S.	X		3	Construction Completed
C330157	CONCORD S.	10	T.F. To A.S.	X		3	Mixed Growth Bio System
C330237	CONWAY	.13	A.L.		X	2	Design for expansion to .497 MGD
C330068	DERRY	0.75	A.L.	X		3	Upgrade
C330169	(NEWPORT) DORR WOOLEN	2.4	S.P.	X		2	Town Owned (Design for Upgrade)
C330200	DOVER	3.92	PRI	X		2	Design 4.3 MGD Sec.
C330161	DURHAM	1.3	PRI	X		3	Upgrade to 2.5 MGD Sec.
C330053	EPPING	0.3	S.P.		X		
C330130	EXETER	2.5	S.P.	X			Upgrade to 2.6 MGD Sec.
C330095	FARMINGTON	0.35	O.D.	X			
NFF	(Pierce Coll.) FRANKLIN	0.10	A.S.		X		
C330203	(WPCF) FRANKLIN			X		3	Construction of 11.5 MGD A.S. Plant

WASTEWATER TREATMENT FACILITIES

STATE New Hampshire

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C330001	GOFFSTOWN	0.3	IMHOFF	X		2	To go to Manchester
C330108	GREENVILLE	0.25	E.A.	X			
C330123	GORHAM			X		3	Const. of 0.7 MGD E.A. Plant
C330101	HAMPTON	4.7	A.S.	X			
C330115	HANOVER	1.5	PRI	X		2	Upgrade to 2.5 MGD Sec.
C330118	HENNIKER	.51	E.A.	X		3	New Sec.
C330120	HILLSBORO			X		2	Design of 0.475 E.A. Plant
C330006	(County Farm) HILLSBORO	0.08	IMHOFF		X		
C330139	HINSDALE	0.28	SEC	X		3	Construction of New 0.28 MGD Sec.
C330062	HOOKSET	.45	A.S.	X			
C330165	HOPKINTON			X		2	Design of 0.24 MGD S.P.
C330080	JAFFREY	0.44	S.P.	X			
C330110	KEENE	3.0	PRI	X		3	Design of 8.05 MGD A.W.T.
C330088	LACONIA	4.75	AWT	X			
C330075	LANCASTER	0.4	S.P.	X			
C330092	LEBANON	1.48	A.S.	X		3	
NFF	LINCOLN	.74	S.P.	X			
C330137	LISBON	.37	S.P.	X		3	Const. of 4 S.P.
C330129	LITTLETON	1.07	PRI	X		2	Upgrade to 1.76 Sec.
C330093	MANCHESTER	26.5	A.S.	X			
NFF	MEREDITH	0.2	T.F.	X			
C330219	MERIDEN					2	Design of 0.08 MGD Sec.
C330074	MERRIMACK	5.0	T.F. to A.S.	X			
C330125	(County Home) MERRIMACK	.08	A.L.		X		

WASTEWATER TREATMENT FACILITIES

STATE New Hampshire

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C330116	MILFORD			X		2	Design of 2.15 MGD Sec.
C330158	NASHUA	21.5	PRI	X		2	Upgrade to Sec.
C330085	NEWBURY	Est. .010	IMHOFF W/SF		X		Underground Dis.
C330145	NEWFIELDS VILLAGE	0.120	SEC			2	New Sec.
NFF	N.H. HOME FOR THE ELDERLY	UNK	IMHOFF W/SF		X		
C330049	NEW HAMPTON	0.08	S.P.		X		
C330182	(Shopping Plaza) NEWINGTON	0.25	A.S.		X	2	See Newington
C330182	NEWINGTON	0.29	SEC		X	2	Design of New A.S.
NFF	NEW LONDON	0.27	T.F.	X			
C330162	NEWMARKET	0.85	PRI	X		2	Design of 0.72 MGD Sec. Plant
C330169	NEWPORT	1.28	PRI	X		2	Upgrade Sec.
C330058	NORTHUMBERLAND	0.37	S.P.		X		
	PEASE A.F.B.	UNK	T.F.				
C330081	PETERBOROUGH	0.87	S.P.	X			
C330124	PITTSFIELD			X		3	Construction of 0.4 MGD A.L.
C330132	PLYMOUTH	0.4	PRI	X		2	Upgraded to 0.75 MGD
C330023	PLYMOUTH F.D.	0.06	S.P.				
C330196	PORTSMOUTH	1.5	PRI	X		2	Upg. Sec.
C330122	ROCHESTER	3.02		X		2	Design of 3.62 MGD AWT Plant
C330097	(County Home) ROCKINGHAM	0.045	T.F. W/P.P.		X		
C330054	ROLLINGSFORD	0.15	O.D.		X		
C330193	SALEM	1.3	T.F.	X		2	Design of 2.6 MGD A.W.T. Plant
NFF	(Portsmouth) SEACREST VILLAGE	0.45	IMHOFF				
NFF	SISTERS' OF MERCY	0.027	S.P.				Spray Irrigation

STATE New Hampshire

[illegible]

WASTEWATER TREATMENT FACILITIES

STATE Rhode Island

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C440051	BLACKSTONE VALLEY S.D.	31.0	A.S.	X		3	Upgrade
	BRIACLIFFE NURSING HOME	0.025	E.A. W/S.F		X		
C440060	BRISTOL	3.0	PRI.	X			
NFF	BRYANT COLLEGE	0.212	E.A. W/A.W.T.	X			
C440079	BURRILLVILLE	1.5	A.S.	X		2	New
C440030	CRANSTON	11.4	A.S.	X		2	A.W.T. - 23.0 mgd
NFF	CUMBERLAND H.S.	0.032	E.A.		X		
C440065	E. Greenwich	0.512	T.F.	X			Upgrade or regionalize W/Quonset
C440071	E. PROVIDENCE	10.4	A.S.	X		3	Upgrade
	ELMHURST ELEMENTARY SCH.	0.014	E.A.		X		
C440087	JAMESTOWN	0.73	E.A.	X		3	New
	(WILBER SCA.) LITTLE CAMPTON	0.006	E.A. W/S.F		X		
	LADD SCHOOL (EXETER)	0.20	T.F.		X		
C440027	NARRAGANSETT (SCARBOROUGH)	0.288	PRI.	X		3	Upgrade Sec.
	NARRAGANSETT (VILLAGE)	0.32	E.A.		X		
C440108	NEWPORT	7.60	SEC.	X		2	New - 12.0 mgd
C440074	NEW SHOREHAM (BLOCK ISLAND)	0.30	A.S.		X		
C440029	PORTSMOUTH (SCHOOL DEPT.)	0.043	E.A. W/S.F		X		
C440024	PROVIDENCE	60.0	A.S.	X			
C440086	SMITHFIELD (GREENVILLE)	1.7	S.P. W/S.F.		X	3	New
C440067	S. KINGSTOWN	4.13	A.S.	X		3	New
C440041	TIVERTON H.S.	0.037	E.A. W/S.F		X		
C440042	U.R.I. SAUNDERSTOWN	0.036	E.A. W/S.F.		X		
C440082	WARREN	3.2	PRI.	X		2	Upgrade to Sec.

STATE Rhode Island

[illegible]

WASTEWATER TREATMENT FACILITIES

STATE Vermont

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C500123	ALBURG VILLAGE	0.03	PRI.		X	3	New 0.13 A.W.T.
C500092	Arlington				X		Design of 0.26 A.L.
	BARRE (TOWN)	0.2	PRI.		X		
C500069	BARRE CITY	3.6	A.S.	X			
C500138	BARTON				X	3	0.250 MGD A.W.T.
C500012	BELLOWS FALLS	1.5	PRI.	X			
C500078	BENSON	0.02	A.L.		X		
C500003	BENNINGTON	4.0	PRI.	X			
C500034	BERLIN	0.25	E.A.	X			
C500010	BRANDON	0.7	O.D.	X		3	Operating
C500163	(Island Pond) BRIGHTON	0.15	A.L.		X	3	New Sec.
C500165	BRIDGEWATER	0.04	S.P.		X	2	Step 2 design
C500061	BRADFORD				X	3	New Sec.
C500038	BRATTLEBORO	2.5	PRI.	X		3	Upgrade to 3.5 mgd RBC
C500070	(Main) BURLINGTON	4.0	A.S.	X			
C500070	(Riverside) BURLINGTON	1.0	A.S.	X			
C500070	(North End) BURLINGTON	2.0	A.S.	X			
C500059	CASTLETON	0.36	E.A.	X			
C500076	CANAAN	0.1	A.L.		X	2	Design of expansion to 0.2 mgd
C500049	CAVENDISH	0.1	A.L.		X		
C500085	CHELSEA	0.06	O.D.		X	3	New Sec.
C500066	CHESTER	0.17	E.A.		X		
C500052	F.D.#1 COLCHESTER	0.31	E.A.	X			
C500083	(North Br.F.D. #1) DOVER	0.8	A.W.T.		X		

WASTEWATER TREATMENT FACILITIES

STATE Vermont

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C500089	ENOSBURG FALLS	0.26	A.L.		X	3	New plant - upgrade
C500135	ESSEX JUNCTION	1.25	PRI.	X		2	Expand to 2.82 AWT
C500113	ESSEX (TOWN)	0.1	PRI.		X		
C500162	FAIRFAX				X	3	Const. of new .08 MGD A.L.
C500055	FAIRHAVEN	0.2	O.D.	X			
C500081	(White River) HARTFORD	0.97	SEC.	X		3	New E.A. under construction
C500028	(Wilder) HARTFORD	0.4	PRI.	X			
C500164	HARWICK				X	3	New 0.35 A.L.
C500045	HINNESBURG	0.25	A.L.	X			
C500111	HYDE PARK	0.052	sub- surf.		X	3	Septic Tank - Leach Field
C500068	JOHNSON	0.2	E.A.		X		
C500057	LUDLOW	0.6	O.D.	X			
C500142	(Gilman) LUNENBERG	0.08	A.L.		X	3	New Sec. under construction
C500087	LYDONVILLE	0.75	E.A.	X			
C500105	(Town) MANCHESTER	0.24	PRI.		X	3	New 0.6 mgd A.L.
	(Village) MANCHESTER	0.2			X		
C500153	MARSHFIELD				X	2	Design of .047 A.L.
C500029	MIDDLEBURY	1.0	PRI.	X		3	Upgrade and expand to 2.2 mgd Sec.
C500108	MILTON				X	2	Design of 0.23 A.L.
C500019	MONTPELIER	2.2	PRI.	X		2	
C500077	MORRISVILLE	0.43	E.A.	X			
C500132	NEWPORT	0.98	PRI.	X			Design of upgrade to A.W.T.
C500091	NORTH TROY	0.1	E.A.		X		Const. of Sec.

WASTEWATER TREATMENT FACILITIES

STATE Vermont

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C500030	NORTHFIELD	1.63	T.F.	X			
C500126	ORLEANS	.30			X	3	Design of new A.L.
C500119	ORWELL	0.03	A.L.		X	3	New Sec.
C500042	PITTSFORD	0.07	A.S.		X		
C500048	PLAINFIELD	0.1	E.A.		X		
C500086	PUTNEY	0.08	E.A.		X	3	New Sec.
C500062	POULTNEY	0.3	E.A.	X			
C500013	PROCTOR	0.28	PRI.		X		
	QUECHEE LAKES CORP.	.300	A.W.T.		X		
C500034	RANDOLPH VILLAGE	0.32	E.A.	X			
C500115	READSBORO	0.1	SEC.		X	3	New Sec.
C500075	RICHMOND	0.22	E.A.		X		
C500056	RICHFORD	0.25	A.L.	X			
C500084	ROCHESTER	.07	Septic Tank				Subsurface Discharge
C500117	ROYALTON				X	3	Construction of new .07 MGD A.L.
C500088	RYEGATE	.015			X		
C500011	RUTLAND	5.0	PRI	X			
C500023	F.D.#1 RUTLAND CTR.	0.027	PRI		X		
C500071	SAXTON'S RIVER	0.1	O.D.		X		
C500053	F.D.#1 SHELBURNE	0.25	E.A.	X			
C500080	F.D.#2 SHELBURNE	0.45	A.S.	X		3	New A.S.
C500090	SHELDON VILLAGE	0.05	E.A.		X	3	New plant
C500040	(Airport) S. BURLINGTON	1.2	PRI.	X			
C500065	(Bartletts Bay) S. BURLINGTON	0.7	E.A.	X			

WASTEWATER TREATMENT FACILITIES

STATE Vermont

PROJECT NUMBER	APPLICANT	DES. FLOW M.G.D.	TYPE OF TREAT.	MAJOR	MINOR	STEP	REMARKS
C500104	STOWE	0.183			X	2	Design for A.W.T.
C500043	S. WOODSTOCK	0.05	E.A.	X			
C500150	(NORTH) SPRINGFIELD	0.14	O.D.		X		
C500150	SPRINGFIELD	1.9	PRI	X		3	Construction of New Sec.
C500006	ST. ALBANS	4.0	T.F.	X			
C500021	ST. JOHNSBURY	1.9	PRI.	X			
C500064	SWANTON	0.9	LAG.	X			
C500058	(WOODSTOCK) TAFTSVILLE	0.01	E.A.		X		
C500027	VERGENNES	0.5	PRI.	X		3	Upgrade to 0.6 mgd A.W.T.
C500072	WALLINGFORD	0.09	O.D.		X		
C500031	(State Hosp.) WATERBURY	0.15	PRI.		X		
C500046	WATERBURY	0.25	E.A.	X		3	Construction of new 0.5 mgd A.L.
	WESTERVILLE	0.01	IMHOFF		X		
C500098	WELLS RIVER	0.065	E.A.		X	2	
C500060	WEST RUTLAND	0.25	E.A.				
C500061	WILLIMSTOWN	0.15	A.L.		X		
C500025	WILMINGTON	0.07	PRI.		X		
NFF	WINDHAM COLLEGE	0.05	SEC.		X		
C500014	WINDSOR (main)	1.3	PRI	X			
	WINDSOR (WESTON HEIGHTS)	0.02	E.A.		X		
C500032	WINOOSKI	1.2	E.A.	X			
C500180	WOODSTOCK	0.25	E.A.	X		2	Design for Upgrade to 0.45 mgd E.A.