INDUSTRIAL PRETREATMENT

PROGRAM

2020 ANNUAL REPORT

Springfield Water and Sewer Commission, P.O. Box 995, Springfield, MA 01101-0995

SPRINGFIELD WATER
AND SEWER COMMISSION

71 COLTON ST.
SPRINGFIELD, MASSACHUSETTS
01109

413 787-6207
FAX 413 787-7975

March 24, 2021

EPA New England
5 Post Office Square
Suite 100
OEP 06-03
Boston, MA 02109-3912
Attention: Jay Pimpare

Re: 2020 Annual Report Transmittal

Dear Mr. Pimpare:

In accordance with the reporting requirements of NPDES Permit No. MA 0101613 the Annual Pretreatment Progress Report for the Springfield Water and Sewer Commission, Springfield, Massachusetts is hereby submitted. The format adheres to the guidelines established and revised on July 1, 1992. Please contact Robert Weaver at (413) 310-3449 if you have any questions regarding this report.

Sincerely,
Springfield Water and Sewer Commission

By: _____
William Fuqua
Director Wastewater Operations

cc: DEP-Western Regional Office

SPRINGFIELD WATER
AND SEWER COMMISSION

71 COLTON ST.
SPRINGFIELD, MASSACHUSETTS
01109

413 787-6207
FAX 413 787-7975

March 24, 2021

Massachusetts Department of Environmental Protection
Bureau of Resource Protection
Western Regional Office
436 Dwight Street
Springfield, MA 01103
Attention: Brian Harrington

Re: 2020 Annual Report Transmittal

Dear Mr. Harrington:

In accordance with the reporting requirements of NPDES Permit No. MA 0101613 the Annual Pretreatment Progress Report for the Springfield Water and Sewer Commission, Springfield, Massachusetts is hereby submitted. The format adheres to the guidelines established and revised on July 1, 1992. Please contact Robert Weaver at (413) 310-3449 if you have any questions regarding this report.

Sincerely,
Springfield Water and Sewer Commission

By: _____
William Fuqua
Director Wastewater Operations

cc: EPA-Regional Pretreatment Division

SPRINGFIELD WATER
AND SEWER COMMISSION

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01109

413 787-6207
FAX 413 787-7975

March 24, 2021

EPA New England
5 Post Office Square
Suite 100
OEP 06-03
Boston, MA 02109-3912
Attention: Jay Pimpare

Re: 2020 Annual Report Certification

Dear Mr. Pimpare:

In accordance with the reporting requirements of NPDES Permit No. MA 0101613 the Annual Pretreatment Progress Report for the Springfield Water and Sewer Commission, Springfield, Massachusetts is hereby submitted. I have personally examined and am familiar with the information submitted in this document. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. Should you have any questions please contact:

Robert Weaver
Emergency Response, IPP & FOG Manager
Springfield Water and Sewer Commission
P. O. Box 995
Springfield, MA 01101-0995

Very Truly Yours,
Springfield Water and Sewer Commission

By: _____
William Fuqua
Director Wastewater Operations

INTRODUCTION

The Springfield Water and Sewer Commission's (SWSC) Industrial Pretreatment Program was approved by the Environmental Protection Agency (EPA) on July 7, 1986. In conjunction with that approval, the Commission's National Pollution Discharge Elimination System (NPDES) permit was modified to incorporate specific Industrial Pretreatment Program (IPP) reporting requirements. One of those requirements was the submission of an Annual Report to the EPA on March 31st of each year. This report fulfills that requirement for the period from January 1, 2020 through December 31, 2020.

The format of the report is derived from the February 18, 1992 EPA Region I Annual Report outline, the August 8, 1991 NPDES permit, and the Code of Federal Regulations (CFR) Title 40, Part 403.12 (i). Section 1 contains a discussion and list of the industrial users and Section 2 contains information on the industrial wastewater discharge permit process and lists the permitted industrial users. Section 3 describes the IPP inspection and sampling program and contains a list of industries that were inspected and sampled by the IPP. Section 4 summarizes enforcement actions by the IPP in the service area. Section 5 discusses the treatment plant's performance in achieving water quality standards. Section 6 reviews the IPP budget and Section 7 addresses the program's effectiveness. Tables have been inserted throughout the text and appendices have been located in the rear of the report. The appendices contain a copy of the treatment plant's discharge monitoring reports, the treatment plant's toxicity test summary sheets, and the sludge cake data.

SPRINGFIELD WATER AND SEWER COMMISSION
SPRINGFIELD, MASSACHUSETTS
INDUSTRIAL PRETREATMENT PROGRAM
2020 ANNUAL REPORT

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SPRINGFIELD WATER AND SEWER COMMISSION
SPRINGFIELD, MASSACHUSETTS
INDUSTRIAL PRETREATMENT PROGRAM
2020 ANNUAL REPORT

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EPA Region 1Annual Pretreatment Report Summary Sheet
December 2020

POTW Name: Springfield Regional Wastewater Treatment Facility

NPDES Permit #: MA 0101613

Pretreatment Report Period Start Date: January 1, 2020

Pretreatment Report Period End Date: December 31, 2020

# of Significant Industrial Users (SIUs): 48

# of SIUs Without Control Mechanisms: 0

# of SIUs not Inspected: 0

# of SIUs not Sampled: 0

# of SIUs in Significant Noncompliance (SNC) with Pretreatment Standards: 0

# of SIUs in SNC with Reporting Requirements: 0

# of SIUs in SNC with Pretreatment Compliance Schedule: 0

# of SIUs in SNC Published in Newspaper: 0

# of SIUs with Compliance Schedules: 1

# of Violation Notices Issued to SIUs: 7

# of Administrative Orders Issued to SIUs: 0

# of Civil Suits Filed Against SIUs: 0

# of Criminal Suits Filed Against SIUs: 0

# of Categorical Industrial Users CIUs): 27

# of CIUs in SNC: 0

Penalties

Total Dollar Amount of Penalties Collected: $ 0

# of IUs from which Penalties have been collected: 0

Local Limits

Date of Most Recent Technical Evaluation of Local Limits: July 2001

Date of Most Recent Adoption of Technically Based Local Limits: July 2001

Pollutant	Limit (mg/l)	MAHL (lb/day)
Copper	16.0 mg/L	152.7 lbs/Day
Lead	0.41 mg/L	27.3 lbs/Day
Nickel	1.02 mg/L	61.1 lbs/Day
Zinc	2.34 mg/L	164.6 lbs/Day

SECTION 1

INDUSTRIAL USERS

INDUSTRIAL USERS

As set forth in CFR, Title 40, Part 403.8 (40 CFR 403.8) and referenced in the Springfield Water and Sewer Commission's NPDES permit, the IPP must maintain a current list of industrial users in the service area. The IPP classified the industrial users into two groups; significant industrial users and registered sewer users. The IPP has maintained an active inventory of those industrial users since 1986.

The IPP defined a significant industrial user (SIU) as an industrial user (IU) that was regulated as a categorical industry, or an IU that discharged 25,000 gallons per day (gpd) or more of process wastewater, discharged process wastewater that contributed 5% or more of the average dry weather hydraulic or organic loading to the Publicly Owned Treatment Works (POTW), or had the potential to adversely affect the POTW.

Categorical SIUs are regulated under 40 CFR 403, the Springfield Water and Sewer Commission's Rules and Regulations (SUR), and their specific federally mandated categorical standard. The noncategorical SIUs were regulated under 40 CFR 403 and the local Rules and Regulations. In addition, both categorical and noncategorical SIUs were controlled by an industrial wastewater discharge permit. Table 1A lists the SIUs category summary, Table 1B lists the SIU reporting summary, Table 1C lists the SIUs that were reclassified and Table 1D lists the name changes.

At close of 2020:

Table 1A - 48 SIUs:

a) Categorical – 27
b) Noncategorical – 21

Table 1B – Reporting Summary:

All SIUs in Compliance.

Table 1C summarized the SIU's that were reclassified during 2020.

a) No facilities were reclassified in 2020.

Table 1D summarized the SIU's that had a name change during 2020.

a) No facilities had a name change during 2020.

Other non-domestic wastewater point sources were classified as Registered Sewer Users (RSUs). The RSU classification is divided into wet process facilities and dry process facilities, depending on the volume of process wastewater that was discharged by the facility. The Wet RSU list, located in Table 1E, identifies the non-significant facilities that discharge small volumes of process wastewater to the POTW. The Dry RSU list, located in Table 1F, identifies the commercial and industrial facilities that do not discharge process wastewater to the POTW, or that discharge small volumes of process wastewater on an intermittent basis. The list of Dentists are in Table 1F. The IPP maintains a list of Wet RSUs, Dry RSUs and Dentists. The content of the lists vary over the course of a year.

At close of 2020:

a) Table 1E - Wet Registered Users – 208
b) Table 1F - Dry Registered Users – 372.
c) Table 1G – Dentists - 114

TABLE 1A

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
SIGNIFICANT INDUSTRIAL USERS

Industry Name	Classification	Category	Site Address	City, State.
Agri-Mark, Inc.	Dairy Products	405	958 Riverdale Street	West Springfield, MA
Alden Medical LLC	Chemical Blending	403	360 Cold Spring Avenue	West Springfield, MA
ApMar USA, Inc.	Electroplating	413	175 Progress Avenue	Springfield, MA
Arclin Surfaces - East Longmeadow Company	Laminant Flooring	403	82 Deer Park Drive	East Longmeadow, MA
Astro Chemicals, Inc. (AST), Memorial Dr	Chemical Blending	403	126 Memorial Drive	Springfield, MA
Astro Chemicals, Inc., Shaw's Lane	Chemical Processing	403	64-94 Shaw's Lane	Springfield, MA
Belmont Laundry, Inc.	Laundry	403	333 Belmont Avenue	Springfield, MA
Berkshire Power Company, L.L.C.	Steam Electric	423	36 Moylan Lane	Agawam, MA
Bondi's Island Landfill (City of Springfield)	Landfill Leachate	403	M Street	Agawam, MA
Chemi-Graphic Inc.	Metal Finishing	433	340 State Street	Ludlow, MA
Covanta Springfield, LLC	Steam Electric	423	188 M Street	Agawam, MA
Doncasters Inc. (Storms Forge - Zyglo)	Nonferrous Metals	471	160 Cottage Street	Springfield, MA
Essential Power Massachusetts LLC	Steam Electric	423	15 Agawam Avenue	West Springfield, MA
Excel Dryer, Inc.	Metal Finishing	433	357 Chestnut Street	East Longmeadow, MA
Falvey Linen Supply Company, Inc.	Laundry	403	100 Brookdale Drive	Springfield, MA
Fountain Plating Company, Inc.	Electroplating	413	492 Prospect Avenue	West Springfield, MA
Friendly's Manufacturing and Retail, LLC	Dairy Products	405	1855 Boston Road	Wilbraham, MA
H.P. Hood Inc.	Dairy Products	405	233 Main Street	Agawam, MA
Hampden Fence Supply, Inc.	Iron and Steel	420	80 Industrial Lane	Agawam, MA
Industrial Etching, Inc.	Metal Finishing	433	21 Fisher Avenue	East Longmeadow, MA
Irwin Industrial Tools, dba Lenox Tools	Iron & Steel & Saw Manufacturing	420	79 Industrial Drive	East Longmeadow, MA
Irwin Industrial Tools, dba Lenox Tools (Main Plant)	Iron & Steel & Saw Manufacturing	420	301 Chestnut Street	East Longmeadow, MA
James Austin Company	Chemical Blending	403	203 West Avenue	Ludlow, MA
L & J Linen	Laundry	403	71 Allen Street, Suite D	Springfield, MA
Litron, Inc.	Metal Finishing	433	45 Bowles Road	Agawam, MA
Luster-On Products, Inc.	Electroplating	413	54 Waltham Avenue	Springfield, MA
Massachusetts Municipal Wholesale Electric Company (MMW)	Steam Electric	423	327 Moody Street	Ludlow, MA
MASSPOWER (Equipower Resources Corp.)	Steam Electric	423	750 Worcester Street	Springfield, MA
Mount Tom Box Company Inc.	Box Carton Mfg.	403	190 Interstate Drive	West Springfield, MA
New England Industrial Uniform Rental Service, Inc.	Laundry	403	355 Union Street	West Springfield, MA
Oerlikon Balzers	Metal Working	403	30 General Abrams Drive	Agawam, MA
OMG, Inc.	Metal Finishing	433	153 Bowles Road	Agawam, MA
Poly-Metal Finishing, Inc.	Electroplating	413	1 Allen St., Bldg. 218	Springfield, MA
QG Printing 11 LLC	Printing	403	245 Benton Drive	East Longmeadow, MA
Service Matters LLC	Laundry	403	56 Main Street	Springfield, MA
Sheraton Springfield Hotel	Laundry	403	1 Monarch Place	Springfield, MA
Smith & Wesson (Main Outfall & Pollution Control)	Metal Finishing	433	2100 Roosevelt Avenue	Springfield, MA
Smithfield Packaged Meats Corporation	Meat Products	403	20 Carando Drive	Springfield, MA
Solutia Inc. (West Outfall)	OCPSF	414	730 Worcester Street	Springfield, MA
Suddekor, LLC (Agawam)	Laminant Flooring	403	240 Bowles Road	Agawam, MA
Sullivan Paper Company Inc.	Paper Products	403	42 Progress Avenue	West Springfield, MA
Superior Carriers, Inc.	Transportation Equip. Cleaning	442	85-121 Shaw's Lane	Springfield, MA
Superior Rug Cleaning Company	Laundry	403	6 Progress Avenue	Springfield, MA
UniFirst Corp./UniTech	Industrial Laundry	403	295 Parker Street	Indian Orchard, MA
Utility Manufacturing Co.	Copper Forming	468	2443 Boston Road	Wilbraham, MA
Valentine Plating Co., Inc.	Electroplating	413	155 Allston Avenue	West Springfield, MA
Valley Plating Inc.	Electroplating	413	412 Albany Street	Springfield, MA
WestRock CP, LLC	Corrugated Container Manufacturer	403	320 Parker Street	Springfield, MA

TABLE 1B

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
SIGNIFICANT INDUSTRIAL USER LIST REPORTING SUMMARY

Industry Name	Classification	Category	Reporting Summary
Agri-Mark, Inc.	Dairy Products	405	In Compliance
Alden Medical LLC	Chemical Blending	403	In Compliance
ApMar USA, Inc.	Electroplating	413	In Compliance
Arclin Surfaces - East Longmeadow Company	Laminant Flooring	403	In Compliance
Astro Chemicals, Inc. (AST), Memorial Dr	Chemical Blending	403	In Compliance
Astro Chemicals, Inc., Shaw's Lane	Chemical Processing	403	In Compliance
Belmont Laundry, Inc.	Laundry	403	In Compliance
Berkshire Power Company, L.L.C.	Steam Electric	423	In Compliance
Bondi's Island Landfill (City of Springfield)	Landfill Leachate	403	In Compliance
Chemi-Graphic Inc.	Metal Finishing	433	In Compliance
Covanta Springfield, LLC	Steam Electric	423	In Compliance
Doncasters Inc. (Storms Forge - Zyglo)	Nonferrous Metals	471	In Compliance
Essential Power Massachusetts LLC	Steam Electric	423	In Compliance
Excel Dryer, Inc.	Metal Finishing	433	In Compliance
Falvey Linen Supply Company, Inc.	Laundry	403	In Compliance
Fountain Plating Company, Inc.	Electroplating	413	In Compliance
Friendly's Manufacturing and Retail, LLC	Dairy Products	405	In Compliance
H.P. Hood Inc.	Dairy Products	405	In Compliance
Hampden Fence Supply, Inc.	Iron and Steel	420	In Compliance
Industrial Etching, Inc.	Metal Finishing	433	In Compliance
Irwin Industrial Tools, dba Lenox Tools	Iron & Steel & Saw Manufacturing	420	In Compliance
Irwin Industrial Tools, dba Lenox Tools (Main Plant)	Iron & Steel & Saw Manufacturing	420	In Compliance
James Austin Company	Chemical Blending	403	In Compliance
L & J Linen	Laundry	403	In Compliance
Litron, Inc.	Metal Finishing	433	In Compliance
Luster-On Products, Inc.	Electroplating	413	In Compliance
Luster-On Products, Inc. (002)	Chemical Blending	403	In Compliance
Massachusetts Municipal Wholesale Electric Company (MMW)	Steam Electric	423	In Compliance
MASSPOWER (Equipower Resources Corp.)	Steam Electric	423	In Compliance
Mount Tom Box Company Inc.	Box Carton Mfg.	403	In Compliance
New England Industrial Uniform Rental Service, Inc.	Laundry	403	In Compliance
Oerlikon Balzers	Metal Working	403	In Compliance
OMG, Inc.	Metal Finishing	433	In Compliance
Poly-Metal Finishing, Inc.	Electroplating	413	In Compliance
QG Printing 11 LLC	Printing	403	In Compliance
Service Matters LLC	Laundry	403	In Compliance
Sheraton Springfield Hotel	Laundry	403	In Compliance
Smith & Wesson (Main Outfall)	Metal Finishing	433	In Compliance
Smith & Wesson (Pollution Control)	Metal Finishing	433	In Compliance
Smithfield Packaged Meats Corporation	Meat Products	403	In Compliance
Solutia Inc. (East Outfall)	OCPSF	414	In Compliance
Solutia Inc. (West Outfall)	OCPSF	414	In Compliance
Suddekor, LLC (Agawam)	Laminant Flooring	403	In Compliance
Sullivan Paper Company Inc.	Paper Products	403	In Compliance
Superior Carriers, Inc.	Transportation Equip. Cleaning	442	In Compliance
Superior Rug Cleaning Company	Laundry	403	In Compliance
UniFirst Corp./UniTech	Industrial Laundry	403	In Compliance
Utility Manufacturing Co.	Copper Forming	468	In Compliance
Valentine Plating Co., Inc.	Electroplating	413	In Compliance
Valley Plating Inc.	Electroplating	413	In Compliance
WestRock CP, LLC	Corrugated Container Manufacturer	403	In Compliance

TABLE 1C

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
SIU RECLASSIFICATION

Industry Name	Reclassification	Effective Date	Site Address	City, State.
No Facilities were reclassified in 2020.				

TABLE 1D

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
SIU NAME CHANGE

Industry Name	Former Name	Effective Date	Site Address	City, State.
No Facilities had a Name Change in 2020.				

TABLE 1E

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
WET REGISTERED USERS

Industry Name	Classification	Category	Site Address
A. R. Electro	Engine Repair	84 Randall Place	Springfield, MA
Acme Auto Repair, formerly Acme Radiator Co., Inc.	Radiator Repair	67 Wilbraham Road	Springfield, MA
Advanced Drainage Systems, Inc.	Plastic Molding	58 Wyoming Street	Ludlow, MA
Aerospace Support Inc.	Electroplating	44 Russo Circle	Agawam, MA
Agawam ORE 1 LLC	Food Waste Separator	299 Main St.	Agawam, MA
AGE Institute of Massachusetts, Inc. (dba Chapin Center)	Nursing Home/Laundry/Kitchen	200 Kendall Street	Springfield, MA
All Hose Inc.	Hose & Fitting Assembly	341 Shaker Rd.	East Longmeadow. MA
Associated Building Wreckers Inc.	Building Demolition	352 Albany Street	Springfield, MA
Associated Electro-Mechanics, Inc.	Electric Service Shop/Equip. Sales	185 Rowland Street	Springfield, MA
Atlantic Coast Enterprises, LLC (Jiffy Lube)	Vehicle Maintenance	1130 Boston Road	Springfield, MA
Atlantic Coast Enterprises, LLC (Jiffy Lube)	Vehicle Maintenance	475 North Main Street	East Longmeadow, MA
Atlantic Coast Enterprises, LLC (Jiffy Lube)	Vehicle Maintenance	788 Memorial Avenue	West Springfield, MA
Atlantic Coast Enterprises, LLC (Jiffy Lube)	Vehicle Maintenance	1210 Springfield Street	Feeding Hills, MA
Atlas Founders, Inc.	Metal Mold & Cast	90 Industrial Lane	Agawam, MA
Auto Fuel & Wash Center, LLC	Automated Car Wash/Laser	497 Center Street	Ludlow, MA
Auto Fuel & Wash Center, LLC	Automated Car Wash/Laser	2138 Boston Road	Wilbraham, MA
Auto Fuel & Wash Center, LLC	Automated Car Wash/Laser	410 Cooley Street/Five Town Pl	Springfield, MA
Avista Pharma Solutions, DBA Cambrex	Environmental Lab	104 Gold St.	Agawam, MA
B & D Petroleum	Car Wash/ Gas/Convenience Store	650 Suffield Street	Agawam, MA
Balise Car Wash of Springfield	Car Wash/Detailing & Polishing	701 East Columbus Avenue	Springfield, MA
Balise Motor Sales Co. ((Balise Collision Repair)	Auto Body Shop/Wash	1800 Riverdale Street	West Springfield, MA
Balise Motor Sales Co. (Balise Chevrolet)	Vehicle Maintenance/Wash	440 West Columbus Avenue	Springfield, MA
Balise Motor Sales Co. (Balise Collision Repair)	Auto Body Shop/Wash	292 Main Street	Springfield, MA
Balise Motor Sales Co. (Balise Ford of Wilbraham)	Vehicle Maintenance/Wash/Repair	1979 & 1985 Boston Road	Wilbraham, MA
Balise Motor Sales Co. (Balise Honda)	Vehicle Maintenance/Wash	400 Riverdale Street	West Springfield, MA
Balise Motor Sales Co. (Balise Hyundai)	Auto Sales/Repair/Wash	683 East Columbus Avenue	Springfield, MA
Balise Motor Sales Co. (Balise Lexus)	Vehicle Maintenance/Wash	1385 Riverdale Street	West Springfield, MA
Balise Motor Sales Co. (Balise Mazda)	Vehicle Maintenance/Wash	635 Riverdale Street	West Springfield, MA
Balise Motor Sales Co. (Balise Toyota)	Vehicle Maintenance/Wash	1399 Riverdale Street	West Springfield, MA
Bay State Cast Products Inc.	Metal Mold & Cast	41 Brookdale Drive	Springfield, MA
Baystate Charter Academy (Polman Realty LLC)	School	2001 Roosevelt Avenue	Springfield, MA
Baystate Health Systems	Laboratory	140 High Street	Springfield, MA
Baystate Medical Center	Hospital	759 Chestnut Street	Springfield, MA
Baystate Medical Center Orthopedic Surgery Center/Wason Partners III LLC	Medical Facility	50 Wason Avenue	Springfield, MA
Big Y Foods, Inc. (Big Y World Class Market #1)	Supermarket	1090 St. James Avenue	Springfield, MA
Big Y Foods, Inc. (Big Y World Class Market #13)	Supermarket	802 Williams Street	Longmeadow, MA
Big Y Foods, Inc. (Big Y World Class Market #19)	Supermarket	433 Center Street	Ludlow, MA
Big Y Foods, Inc. (Big Y World Class Market #3)	Supermarket	503 Memorial Avenue	West Springfield, MA
Big Y Foods, Inc. (Big Y World Class Market #66)	Supermarket	300 Cooley Street	Springfield, MA
Big Y Foods, Inc. (Big Y World Class Market #86)	Supermarket	2035 Boston Road	Wilbraham, MA
Big Y Foods, Inc. (Big Y World Class Market #14)	Supermarket	441 North Main Street	East Longmeadow, MA
Big Y Foods, Inc. / (Fresh Acres Market #16)	Supermarket	941 Wilbraham Road	Springfield, MA
Biolitec, Inc.	Manufacturer Optical Fiber	515 Shaker Road	East Longmeadow, MA
Buckeye Terminal Springfield Terminal (ExxonMobil)	Oil Distributor	145 Albany Street	Springfield, MA
Burd Manufacturing Co., Inc.	Metal Forming	105 Industrial Drive	East Longmeadow, MA
Carando Gourmet Foods	Meat/Frozen Crust/Food Products	500 Worthington Street	Springfield, MA
Carando Gourmet Frozen Foods	Meat/Frozen Entree Products	175 Main Street	Agawam, MA
Carew Chestnut Partners, LLC	Medical Facility	175 Carew Street	Springfield, MA
Cartamundi Inc. (former Hasbro, Milton Bradley)	Plastic Molding	443 Shaker Road	East Longmeadow, MA
Chet's Auto Wrecking & Scrap Metal	Auto Salvage Yard/Vehicle Maint.	1571 Page Boulevard	Springfield, MA
City Cleaners, Inc.	Laundry/Dry Cleaners	1179 State Street	Springfield, MA
Clark Paint	Paint Formulating	966 Union Street	West Springfield, MA

TABLE 1E

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
WET REGISTERED USERS

Industry Name	Classification	Category	Site Address
Class A Graphics, Inc.	Printing/Offset/Digital/Photoproc.	380 Union Street, 32C	West Springfield, MA
Clean Machine Power Wash Inc.	Mobile Truck, House, Sidewlk Wash	224 Cold Spring Avenue	West Springfield, MA
Con-Test Analytical Laboratory	Environmental Lab	39 Spruce Street	East Longmeadow, MA
CRRC - Railcar Assembly Facility (Chinese Railroad Rollingstock Corp.)	Railcar Assembly	655 Page Boulevard	Springfield, MA
CS-MA, LLC dba Construction Service	Cement Manufacturer	34 Rocus Street	Springfield, MA
CSW, Inc.	Manufac./Dies/Print. Plates/Digital	45 Tyburski Road	Ludlow, MA
Cumberland Farms - Car Wash	Vehicle Maintenance / Wash	835 Suffield St.	Agawam,
CVS/ Pharmacy #0315	Photoprocessing	451 Center Street	Ludlow, MA
CVS/Pharmacy #0488	Photoprocessing	970 St. James Avenue	Springfield, MA
CVS/Pharmacy #0517	Photoprocessing	720 Bliss Road	Longmeadow, MA
CVS/Pharmacy #0769	Photoprocessing	229 North Main Street	East Longmeadow, MA
CVS/Pharmacy #0859	Photoprocessing	287 Springfield Avenue	Agawam, MA
CVS/Pharmacy #0950	Photoprocessing	410 Longmeadow Street	Longmeadow, MA
CVS/Pharmacy #0993	Photoprocessing	239-B Memorial Drive	West Springfield, MA
CVS/Pharmacy #1026	Photoprocessing	1500 Main Street	Springfield, MA
CVS/Pharmacy #1130	Photoprocessing	615-621 Belmont Avenue	Springfield, MA
CVS/Pharmacy #1291	Photoprocessing	770 Boston Road, Big Y S.C.	Springfield, MA
CVS/Pharmacy #1972	Photoprocessing	152 Elm Street	West Springfield, MA
CVS/Pharmacy #2476	Photoprocessing	163 Silver Street	Agawam, MA
CVS/Pharmacy #2566	Photoprocessing	1990 Boston Road	Wilbraham, MA
CVS/Pharmacy #4471	Photoprocessing	600 State Street	Springfield, MA
Cyalume Technologies, Inc.	Chemical-glo lights	96 Windsor Street	West Springfield, MA
Davinci Arms	Machining & Fabrication	100 State Street	Ludlow, MA
Diana's Commonwealth Bakery	Bakery	120 Bowles Road	Agawam, MA
DuBois Chemicals dba Heatbath Corporation	Chemical Processing	88 Front Street	Indian Orchard, MA
DuBois Chemicals dba Heatbath Corporation (Lab)	Electroplating	97 Front Street	Indian Orchard, MA
E S Countertops, LLC	Granite Fabrication/Countertops	237 Western Avenue	West Springfield, MA
East Springfield Dialysis (Fresenius Medical Care)	Medical Clinic/Kidney Dialysis	1515 State Street	Springfield, MA
Eastern Cast Hardware Company, Inc. (dba Eastern Casket Hardware Co., Inc.)	Electroplating/Spray Painting	77 Heywood Avenue	West Springfield, MA
Eastern Vehicle Recycling / Freedman, Joseph Co., Inc. (Albany St.)	Scrap Metals/Silver Recovery	40 Albany Street	Springfield, MA
Eastern Vehicle Recycling, Inc.	Scrap Metals	5-47 Albany Street	Springfield, MA
Eaton Cleaners, Inc. (dba Carmon Cleaners)	Dry Cleaner/Laundry	307 Center Street	Ludlow, MA
Elm Industries, Inc.	Plastic Molding	380 Union Street	West Springfield, MA
Engineered Tooling Corporation	Machine Shop/Medical Tools	122 Heywood Avenue	West Springfield, MA
Eurofins Spectrum Analytical	Environmental Laboratory	11 Almgren Drive	Agawam, MA
Eurofins Spectrum Analytical Inc.	Environmental Testing Laboratory	11 Almgren Drive	Agawam, MA
Eversource / Western Massachusetts Electric Company/East Springfield Work Center	Vehicle Maint./Car-Truck Wash	300 Cadwell Drive	Springfield, MA
F. L. Roberts & Company (former Jiffy Lube)	Closed/GW Treat. Sys.	1390 Allen Street	Springfield, MA
F. P. McNamara Rubbish Removal Inc. c/o BFI of Mass.	Solid Wste. Transf. Sta./Equip.Maint.	44 Rose Street	Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Vehicle Maintenance	788 Memorial Avenue	West Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	204 north Main St.	East Longmeadow, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	425 Center Street	Ludlow, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	518 Memorial Drive	West Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	1315 Boston Road	Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	2685 Westfield Street	West Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	152 Main Street	Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	2788 Boston Road	Wilbraham, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	489 East Columbus Avenue	Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash	1130 Riverdale Road	West Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Car Wash/Auto Detailing	630 Main Street	Springfield, MA
Firestone Complete Auto Care	Auto Repair and Maintenance	501 Memorial Avenue	West Springfield, MA
Fleetpride	Vehicle Maint./Service Dept.	32 Century Street	Agawam, MA

TABLE 1E

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
WET REGISTERED USERS

Industry Name	Classification	Category	Site Address
FloDesign Sonics	R & D Engineering Facility	380 Main Street	Wilbraham, MA
Freedman, Joseph Co., Inc. (Stevens St.)	Metal Recycler	115 Stevens Street	Springfield, MA
Genesis Health Care Corporation (Heritage Hall West)	Hospital Laundry	61 Cooper Street	Agawam, MA
Gourmet Foods Solutions, formerly - Lansal, Inc. (dba Hot Mama Foods)	Meat Products	134 Avocado Street	Springfield, MA
Hampden County Corrrectional Center	Laundry/Car Wash/Vehic. Maint.	627 Randall Road	Ludlow, MA
Hampden County House of Corrections #2	Laundry	701 Center Street	Chicopee, MA
Hampden Engineering Corp.	Electronic Assembly	99 Shaker Road	East Longmeadow, MA
Hampton Inn & Suites	Laundry/Room Cleaning/Hotel	871 East Columbus Avenue	Springfield, MA
Holiday Inn Express & Suites/Jhanvi Hospitality LLC	Laundry/Room Cleaning/Hotel	145 State Street	Springfield, MA
Impoco Poultry Market	Meat Products	468 Walnut Street	Springfield, MA
Impoco's Poultry Co., Inc.	468 Walnut St.	468 Walnut St.	Springfield, MA
In A Flash, Inc.	Photoprocessing	477 Breckwood Boulevard	Springfield, MA
Iron Duke Brewing	Brewery	100 State St.,Building 122	Ludlow, MA
J & P Inc. dba Delta Bulk Transport	Liquid Bulk Trucking/Vehic. Mainten.	66 Western Avenue	West Springfield, MA
Jessica Donuts Inc. (dba Dunkin Donuts)	Donut Manufacturing	350 Cottage Street	Springfield, MA
Joma Diamond Tool LLC	Tool Manufacturing	46 Baldwin Street	East Longmeadow, MA
Keating Wilbert Vault Co., Inc.	Cemetary Vault Sales/Concrete Mfg.	1840 Boston Road	Wilbraham, MA
KMH, Inc. (dba Main Street Mobil)	Car Wash/Fuel/Convenience Store	3111 Main Street	Springfield, MA
LaQuinta Inn & Suites (formerly Holiday Inn)	Laundry	100 Congress St.	Springfield, MA
Laser Auto Center, Inc	Automated Car Wash	92 Poplar Street	Feeding Hills, MA
Laser Auto Center, Inc	Automated Car Wash/Laser	200 St. James Avenue	Chicopee, MA
Laser Auto Wash, Inc.	Automated Car Wash/Laser	919 Meadow Street	Chicopee, MA
Laundry Unlimited	Laundy	665 Boston Road	Springfield, MA
Liberty Auto Wash, Inc.	Car Wash	739 Boston Road	Springfield, MA
Life Laboratories/Sys. Coord. Serv. (Main Office, 299 Carew Street)	Medical Facility/Laboratory	299 Carew Street (basement)	Springfield, MA
Lil' Dogs	Silk Screening/Digital Printing	700 Silver St.	Agawam, MA
LM - Tarbell Associates, Inc.	Nonferrous Metals/Mfg. Bearings	140 Industrial Drive	East Longmeadow, MA
Longo Carpet Cleaning	Carpet Cleaning	80 Ramah Circle South	Agawam, MA
Ludlow Mills/West Mass Area Development	Industrial Park/Prop. Management	34 - 100 State Street	Ludlow, MA
Maaco Collision Repair & Auto Painting	Vehicle Repair/Auto Body	586 Berkshire Avenue	Springfield, MA
Main Street Auto Service	Vehicle Maintenance/Washing	77 Main Street (or 11 Front St.)	Indian Orchard, MA
MassMutual Financial Group	Helicopter/Lawn Equip Maint./Insur.	1295 State Street	Springfield, MA
Mercy Hospital, Inc.	Hospital	271 Carew Street	Springfield, MA
Meredith-Springfield Assoc. Inc.	Plastic Molding	321 Moody Street	Ludlow, MA
Microtest Laboratories, Inc.	Pharmaceutical Laboratory	68 & 104 Gold Street, 630 Silver	Agawam, MA
Miranda Auto Body	Auto Body Shop/Repair/Used Dealer	289 Mill Street	Springfield, MA
Mr. Sparkle Car Wash III, Inc.	Car Wash	535 State Street	Springfield, MA
Noonan Energy Corp.	Oil Distributor	86 Robbins Road	Springfield, MA
Norpin Mfg. Co., Inc. (LIR)	Aluminum/Other Metals Forming	2342 Boston Road	Wilbraham, MA
Northeast Screen Graphics (Division of Industrial Etching)	Photoprocessing	54 Fisher Avenue	East Longmeadow, MA
Nutmeg International Trucks, Inc.	Veh. Maint./Truck Sale/Service/Wash	268 Park Street	West Springfield, MA
O.F.Welker Inc. (dba Welker's 16 Acres Mobil)	Vehic.Maint./Car Wash/Conven. Stor.	1820 Wilbraham Road	Springfield, MA
O'Connell's Convenience Plus #29	Car Wash/Gas Station/Conven. Stor.	227 Center Street	Ludlow, MA
Omega Cleaners Inc.	Laundry/Dry Cleaner	14 Harkness Avenue	East Longmeadow, MA
One Putt Inc., (dba Soft Touch Car Wash)	Car Wash	90 Island Pond Road	Springfield, MA
Park Cleaners, Inc.	Laundry/Dry Cleaning	262 Allen Street	Springfield, MA
Pars Inc. dba Yellow Cab	Vehicle Maintenance	622 Cottage Street	Springfield, MA
Paws Finding Peace	Alkaline Hydrolsis	981 River Rd	Agawam, MA
Peter Pan Bus Lines Inc.	Vehicle Maintenance/Wash/Fuel	11 Liberty Street	Springfield, MA
Pioneer Valley Transit Authority (PVTA)	Vehicle Maint./Repair/Bus Wash	2840 Main Street	Springfield, MA
Placon Corp. (formerly Plastic Packaging Corp.)	Plastic Molding (Injection)	1227 Union Street	West Springfield, MA
Plastipak Packaging	Plastic Molding	108 Industrial Drive	East Longmeadow, MA

TABLE 1E

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
WET REGISTERED USERS

Industry Name	Classification	Category	Site Address
Pope Francis High School (Roman Catholic Bishop of Springfield)	Science Laboratories	99 Wendover Road	Springfield, MA
Pro-Clean Auto Detail & Sales	Car Wash & Detailing	104 Cardinal Street	Indian Orchard, MA
Puppet Pelts by Dewey Street	Textile Supplier	34 Front St.	Indian Orchard, MA
R.P. Childs Stamp Co.	Stamp Manufacturer	131 Dwight Street	Springfield, MA
Redstone Rehabilitation and Nursing Center	Health Care/Laundry	135 Benton Drive	East Longmeadow, MA
Republican Co., The	News Publish & Print/Veh. Maint.	1860 Main Street	Springfield, MA
Rick's Auto Body	Vehicle Maint./Repair/Car Wash	375 Pasco Road	Springfield, MA
Shafii's Inc. (dba Tiger Press)	Printing/Offset/Digital/Bindery/Signs	50 Industrial Drive	East Longmeadow, MA
Shriners Hospitals for Children	Hospital (Orthopeadic)/Laundry	516 Carew Street	Springfield, MA
Springfield Area Transit Company (dba PVTA)	Vehic. Maint./Fueling/Storage/Wash	2840 Main Street	Springfield, MA
Springfield Central High School	Science Laboratories	1840 Roosevelt Avenue	Springfield, MA
Springfield Marriott	Laundry/Room Cleaning	2 Boland Way	Springfield, MA
Springfield Smoked Fish Co. Inc.	Seafood Processing	150 Switzer Avenue	Springfield, MA
Springfield Spring Corporation	Spring Manufacturing	311 Shaker Road	East Longmeadow, MA
Springfield Technical Community College	Laboratory	One Armory Square	Springfield, MA
Springfield Tire & Auto Service, Inc.	Auto Repair	435 Dwight Street	Springfield, MA
Springfield, City of	Vehicle Maintenance & Truck Wash	70 Tapley Street	Springfield, MA
Spruce Hill Veterinary Clinic	X-ray Processing	4 Plumtree Road	Springfield, MA
Stop & Shop Supermarket Company LLC (Store #404)	Photoprocessing	1600 Boston Road	Springfield, MA
Sullivan Paper Company, Inc. (EL)	Paper Converting	51 Denslow Road	East Longmeadow, MA
Super Brush LLC	Plastic Molding	800 Worcester Street	Springfield, MA
Supreme Brass & Aluminum Castings Inc.	Metal Mold & Cast / Foundry	210 Windsor Street	West Springfield, MA
Tennessee Gas Pipeline	Vehicle Maintenance	1615 Suffield Street	Agawam, MA
The Charles C. Lewis Company	Iron and Steel Processing	209 Page Boulevard	Springfield, MA
Titeflex Corporation	Plastic & PTFE Extrusion	603 Hendee Street	Springfield, MA
Toner Plastics Inc.	Plastic Molding/Extrusion	35 Industrial Drive	East Longmeadow, MA
Trident Alloys Inc.	Metal Mold & Cast	181 Abbe Avenue	Springfield, MA
Tyler Equipment Corporation	Construc.Equip. Sales/Repair/Wash	251 Shaker Road	East Longmeadow, MA
United Parcel Service	Vehicle Maintenance	120 Wayside Avenue	West Springfield, MA
United Rental (North America), Inc. - Branch #799	Vehicle Maintenance/Car Wash	562 Holyoke Street	Ludlow, MA
United States Postal Service	Vehicle Maintenance	1800 Page Boulevard	Springfield, MA
US Fluids/PTI	Fluid Manufacturing/Lubricants	198-202 Benton Drive	East Longmeadow, MA
Vanished Valley Brewing	Brewery	782 Center Street	Ludlow, MA
VCA Shaker Road Animal Hospital	X-ray Processing & Animal Hospital	108 Shaker Road	East Longmeadow, MA
Vibra Hospital of Western Massachusetts (formerly-Kindred Hospital Park View)	Healthcare Facility/ Laundry	1400 State Street	Springfield, MA
W. B. Hill, Inc./United Transport	Vehicle Maint./Bulk Oil Transp./Mfg.	305 Shaker Road	East Longmeadow, MA
W.S. Sign-Design Corporation	Mfg. Aluminum Sign Blanks	1434 Memorial Avenue	West Springfield, MA
Walgreens #2268	Photoprocessing	50 St. James Boulevard	Springfield, MA
Walgreens #2311	Photoprocessing	1919 Wilbraham Road	Springfield, MA
Walgreens #2699	Photoprocessing	54 East Street	Ludlow, MA
Walgreens #3625	Photoprocessing	707 State Street	Springfield, MA
Walgreens #3736	Photoprocessing	501 Sumner Street	Springfield, MA
Walgreens #4358	Photoprocessing	60 Springfield Street	Agawam, MA
Walgreens #5445	Photoprocessing	1440 Boston Road	Springfield, MA
Walgreens #7703	Photoprocessing	54 Center Square	East Lonmgeadow. MA
Wal-Mart Stores East, LP (dba Walmart Supercenter #1967)	Merch. Sales/Grocery/Deli	1105 Boston Road	Springfield, MA
Wash N Go	Car Wash	1193 State Street	Springfield, MA
Western Bronze, Inc.	Metal Mold & Cast / Foundry	54 Western Avenue	West Springfield, MA
WestRock Inc. (Former Kapstone Container Corporation)	Paper Converter	100 Palmer Avenue	West Springfield, MA
White Lion Brewing	Brewery	1500 Main Street, Tower Sq Mal	Springfield, MA
Willie Wheels Auto Polishing Shop	Car Wash/Detailing & Polishing	811 Memorial Avenue	West Springfield, MA
Wingate at East Longmeadow	Hospital Laundry/Nursing H./Rehab.	32 Chestnut Street	East Longmeadow, MA

TABLE 1F

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
3640 Main Street, LLP	Office Space Rental	3640 Main Street	Springfield, MA
A & M Compressed Products	Commercial	230 Verge Street	Springfield, MA
A. G. Miller Co., Inc., DBA Thin Metal Ventures	Machine Shop	53 Batavia Street	Springfield, MA
AAMCO Transmission/Bucknell Transmissions, Inc.	Vehicle Maintenance	927 Boston Road	Springfield, MA
Able Machine Tool Sales Co.	Distributor Indus. Machinery/Equip	800 Silver Street	Agawam, MA
Accent On Industrial Metal, Inc.	Metal Working	179 Page Boulevard	Springfield, MA
AccuTech Insulation & Contracting, Inc.	Asbestos Abatement & Demolition	100 State Street, Building 119	Ludlow, MA
Ace Signs, Inc.	Manufacturing/Service, Erect. Signs	477 Cottage Street	Springfield, MA
Acme Metals & Recycling, Inc.	Scrap Metals Recycling	64 Napier Street (rear)	Springfield, MA
Acousti-Clean	Ceiling Cleaning Specialist	785 Williams Street	Longmeadow, MA
Advanced Retail Services	Retail	262 Woodbrook Terrace	West Springfield
Aero-Bond Corporation	Material Testing Lab	1 Allen Street, Bldg. 212 & 201	Springfield, MA
Agawam Car Care	Gas Station/Convenience Store	1 River Road	Agawam, MA
Agawam Machine Company	Machine Shop/Parts/Prototypes Mfg.	10 Maple Court	East Longmeadow, MA
Allied Pest Control	Pest Control	380 Union Street, Ste. 106	West Springfield
AM Lithography Corporation	Printing	694 Center Street	Chicopee, MA
American Pest Solutions, Inc.	Pest Control	169 William Street	Springfield, MA
Andler Packaging Group	Packaging Distribution	149 Wason Avenue	Springfield, MA
Applied Software Technologies Inc.	Computer Systems	59 Interstate Drive, Ste. 30	West Springfield, MA
Armkid Supplies Inc.	Oil Distributor/Warehouse	4 Dollar Avenue	Wilbraham, MA
Atlantic Fastener Co. Inc.	Fastener Distributor/Wholesale	49 Heywood Avenue	West Springfield, MA
Atlas Brass & Aluminum Co., Inc.	Office/Sub-contract Out	133 Norman Street	West Springfield, MA
A-Type/Spencer Stamp, Inc.	Distributor/Sales	418 Meadow Street, Apt. F-11	Agawam, MA
Aube Precision Tool, Inc.	Custom Machine Part Mfg.	54 Moody Street	Ludlow, MA
Balise Ready Credit of Springfield	Retail Sales Used Autos	693 East Columbus Avenue	Springfield, MA
Banas Sand & Gravel Co.	Quarry	246 Fuller Street	Ludlow, MA
Barrco Automotive	Distributors/Warehouse	87 Albany Street	Springfield, MA
Barry J. Linton Inc.	Septage Hauler	199 Elizabeth Drive	Ludlow, MA
Bay Oil Co.	Industrial Lubricant Blending	38 Plainfield Street	Chicopee, MA
Bay State Plumbing & Heating Supply Co.	Retail & Whls. Sales Plumbing Prod.	15 Mill Street	Springfield, MA
Bay State Truck Service, Inc.	Vehicle Maintenance	791 Cottage Street	Springfield, MA
Baystate Charter Academy	School - Lab	2001 Roosevelt Avenue	Springfield, MA
Baystate Elevator Co.	Install and Maint.	275 Silver Street	Agawam, MA
Baystate Reference Laboratory - Admin. Office HQ	Medical Facility	759 Chestnut Street	Springfield, MA
Baystate Reference Laboratory (1985 Main Street, Spfld.)	Medical Facility/Specimen Collect.	1985 Main Street	Springfield, MA
Baystate Reference Laboratory (Agawam)	Medical Facility/Specimen Collect.	2 South Bridge Drive	Agawam, MA
Baystate Reference Laboratory (Baystate OB/GYN)	Medical Facility/Specimen Collect.	50 Union Street	West Springfield, MA
Baystate Reference Laboratory (Birnie Avenue Professional Building)	Medical Facility/Specimen Collect.	300 Birnie Avenue (Third Floor)	Springfield, MA
Baystate Reference Laboratory (Boston Road Building)	Medical Facility/Specimen Collect.	2377 Boston Road	Wilbraham, MA
Baystate Reference Laboratory (Carew Medical Building)	Medical Facility/Specimen Collect.	222 Carew Street (First Floor)	Springfield, MA
Baystate Reference Laboratory (Daggett Place)	Medical Facility/Specimen Collect.	46 Daggett Drive (Third Floor)	West Springfield, MA
Baystate Reference Laboratory (Liberty Medical Arts Building)	Medical Facility/Specimen Collect.	125 Liberty Street (Basement Level)	Springfield, MA
Baystate Reference Laboratory (Longmeadow Professional Building)	Medical Facility/Specimen Collect.	167 Dwight Road, Suite 100	Longmeadow, MA
Baystate Reference Laboratory (Main Street Building)	Medical Facility/Specimen Collect.	3550 Main Street (Suite 202)	Springfield, MA
Baystate Reference Laboratory (Medical Office Building)	Medical Facility/Specimen Collect.	2 Medical Center Drive, Suite 105	Springfield, MA
Baystate Reference Laboratory (Medical/Dental Building)	Medical Facility, Specimen Collect.	294 North Main Street (First Floor)	East Longmeadow, MA
Baystate Reference Laboratory (North Main Medical Center)	Medical Facility/Specimen Collect.	3455 Main Street (B Level)	Springfield, MA
Baystate Reference Laboratory (Outpatient Lab WMU)	Medical Facility/Specimen Collect.	140 High Street (C Level)	Springfield, MA
Baystate Reference Laboratory (Outpatient Testing Lab)	Medical Facility/Specimen Collect.	3300 Main Street (Ambulatory Care)	Springfield, MA

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SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Baystate Reference Laboratory (Wason Ave., Spfld.)	Medical Facility/Specimen Collect.	50 Wason Avenue - Suite 210	Springfield, MA
Baystate Reference Laboratory (Women & Infants Lab)	Medical Facility/Analytical Laboratory	759 Chestnut Street	Springfield, MA
Bear Auto Incorporated	Vehicle Maintenance	510 Main Street	Springfield, MA
Berkshire Asphalt Company	Asphalt Company	658 Berkshire Avenue	Springfield, MA
Berkshire Auto & Truck Repair Inc.	Vehicle Maintenance	850 Berkshire Avenue	Indian Orchard, MA
Berkshire Design Co.	Printed Circuits/CAD Design	1300 Wilbraham Road	Springfield, MA
Best Transmissions Inc.	Vehicle Maintenance/Transmission	566 Berkshire Avenue	Springfield, MA
BGL Corp.	Retail	65 Agawam Shopping Center	Agawam, MA
Big Y Foods, Inc / Distribution Center (#99)/Corporate Office (#75)	Distribution Warehouse/Corp.Office	151 Cottage Street	Springfield, MA
Big Y Foods, Inc. (#76) / Facilities Management	Design/Support/Facilities Mngment	60 Memorial Drive	Springfield, MA
Biocatalytic Enterprises, Inc.	Chemical Processing	1 Allen Street	Springfield, MA
Blanchard Septic Tank Systems, Inc.	Septage Hauler / Install / Repair	14 Dollar Avenue	Wilbraham, MA
Blue Tarp reDevelopment, LLC	Casino Development	101 State Street	Springfield, MA
Boulevard Machine & Gear	Precision Machining/Gear Cutting	785 Page Boulevard	Springfield, MA
BPW Plastics Corp.	Injection Plastic Molding	176 Cottage Avenue	Wilbraham, MA
Bridgeport National Bindery	Book Binding/Book Mfg.	662 Silver Street	Agawam, MA
Broadway Office Interiors, Inc.	Furniture Dealer	90 Tapley Street	Springfield, MA
Brothers Covers	Custom Canvas Boat Covers	239 Western Avenue	West Springfield, MA
Brown and Bigelow	Commercial	312 Williams Street	Longmeadow, MA
Bruschi Brothers, Inc.	Highway Construction Contractors	1020 East Street	Ludlow, MA
Butler Carpet Cleaning Co., The	Offsite Carpet Cleaning	23 Cady Street	Ludlow, MA
C B Richard Ellis/Tower Square	Building Maintenance/Offices/Mall	1500 Main Street	Springfield, MA
Caristo's Cleaners & Laundry (Circle Cleaner) (Agawam)	Laundry Drop Off	9 South Bridge Drive	Agawam, MA
Caristo's Cleaners & Laundry (Ludlow)	Cleaners Drop-Off	61 East Street	Ludlow, MA
Carpet Binding Service	Carpet Binding/Repair Service	22 Tyler Street	Springfield, MA
Center Machine Inc.	Machine Shop	1085 Center Street	Ludlow, MA
CeramOptec, Inc.	Medical Fiberoptics & Lasers Mfg.	515 Shaker Road	East Longmeadow, MA
Champagne Dry Wall	Commercial/Office/Sales	36 Russo Circle, Ste. D	Agawam, MA
Chase Decor Inc.	Commercial/Design/Furniture sales	40 Bowles Road	Agawam, MA
Chemex New England	Warehouse	54 Ramah Circle North	Agawam, MA
Chez Josef	Restaurant	176 Shoemaker Lane	Agawam, MA
CHH Engraving	Retail Sales	430 Main Street	Agawam, MA
Chris Auto Sales	Auto Sales/Used	76 Boston Road	Springfield, MA
Christy's Plumbing & Heating, Inc.	Commercial/Plumbing Services	54 Ramah Circle North	Agawam, MA
Ciaschini, James Woodworking & Restoration	Furniture Refinishing	168 Elm Street	Agawam, MA
Cindex Industries Inc.	Machine Shop	42 Perimeter Road	Ludlow, MA
CIRTEC Medical Systems, LLC	Engineer. Design/Med. Device Mfg.	55 Deer Park Drive	East Longmeadow, MA
Citizen Machinery America, Inc.	Machine Tool Dst/Assemb/Minr Mach	68 Moylan Lane	Agawam, MA
Clean Septic Inc.	Septage Hauler	252 West Street	Ludlow, MA
Color Source	Printing	200 North Main Street	East Longmeadow, MA
Columbia Gas of Massachusetts (formerly Baystate Gas Co.)	Nat. Gas Dist. & Vehicle Maint.	311 Industry Avenue	Springfield, MA
Commercial Scale and Balance Company	Commercial	36 Russo Circle	Agawam, MA
Condon Manufacturing Co., Inc.	Machine Shop	310 Verge Street	Springfield, MA
Control Aire Supply Co. Inc.	Wholesale Distributor/HVAC Prod.	349 Albany Street	Springfield, MA
Control Engineering, Inc.	Electronic Assembly/Wholesale	190 Doty Circle	West Springfield, MA
Copycat Print Shop	Printing	479 Breckwood Boulevard	Springfield, MA
Cordi Food Distributors Inc.	Wholesale Food Distributors	470 Shoemaker Lane	Agawam, MA
Costco Wholesale #302	Former Photoprocessing (ended 4/2018)	119 Daggett Drive	West Springfield, MA
Country Estates of Agawam Nursing Home	Nursing Home	1200 Suffield Street	Agawam, MA

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SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Crestview Country Club	Golf/Food/Banquet Facility	281 Shoemaker Lane	Agawam, MA
Crowley Commission Sales & Stables	Commercial	32 Shoemaker Lane	Agawam, MA
CSX Intermodal (West Spfld. Terminal)	RR Terminal/Intermodal	151 Day Street	West Springfield, MA
CSX Intermodal, Inc.	Interm. Term./Box Contain./Fueling	139 Day Street	West Springfield, MA
CSX Transportation (West Spfld. Yard)	RR Yard/Fueling/Maintenance	165 Western Avenue	West Springfield, MA
CSX Transportation, Inc.	RR Terminal/Maintenance./Fueling	257 Day Street	West Springfield, MA
Cummins Northeast Inc.	Distrib. & Warehou.	177 Rocus Street	Springfield, MA
Curry Printers/Paper Plus, Inc.	Printing/Copying	191 Elm Street	West Springfield, MA
Curtis Universal Joint Co., Inc.	Machine Shop	2 & 4 Birnie Avenue	Springfield, MA
Custom Carbide Corp.	Grinding Operation	616 Dwight St.	Springfield, MA
Custom Marble Design	Commercial	1036 Suffield Street	Agawam, MA
Davis Fuel Company, Inc.	Oil Distributor	86 Robbins Road	Springfield, MA
DCAM Data Center	Computer Systems	53 Elliot Street	Springfield, MA
Dean Transmission Parts	Commercial	21 Ramah Circle	Agawam, MA
Dee Service Inc.	HVAC/Sheet Metal Shop	999 River Road	Agawam, MA
Docusource, Inc.	Printing	123 Park Avenue	West Springfield, MA
Donovan, W. E. & Co., Inc.	Fuel Oil	345 Shaker Road	East Longmeadow, MA
Dress, Daniel M.D.	Medical Office	222 Carew Street, Suite 101	Springfield, MA
Duc-Pac Corporation	HVAC Metal Shop	21 Baldwin Street	East Longmeadow, MA
Dunkin Donuts	Commercial	350 Cottage Street	Springfield, MA
Duquette Electric Co.	Commercial	395 Morgan Road	West Springfield, MA
Dynamic Dock & Door Inc.	Warehouse/Office	64 Lowell Street	West Springfield, MA
Eastern Laboratories Inc.	Lab	167 Albany Street	Springfield, MA
Eastfield Mall / Rave Cinemas, LLC	Commercial	1655 Boston Road	Springfield, MA
Eba Incorporated	Machine Shop	26 Maple Court	East Longmeadow, MA
EBTEC Corp.	Laser Weld Process	120 Shoemaker Lane	Agawam, MA
ECS	Environmental Consulting	588 Silver Street	Agawam, MA
Egan Extermination Services	Pest Control	99 Morton Street	West Springfield, MA
Elm Cleaners & Expert Alterations	Cleaners Drop-off	245 Elm Street	West Springfield
Ely Tool, Inc.	Machine Shop/Small Gages	455 Cottage Street	Springfield, MA
Esko-Graphics, Inc.	Software Development & Support	40 Westover Road	Ludlow, MA
F.C. Taplin Company	Sales	120 Interstate Drive	West Springfield, MA
F.L. Roberts & Co. (Golden Nozzle Car Wash)	Office Complex (HQ)	93 West Broad Street	Springfield, MA
Fafard Conrad Inc.	Commercial	770 Silver Street	Agawam, MA
Falcon Precision Machining Co. Inc.	Metal Working	97 Center Street	Ludlow, MA
Ferrara, Frank L. Spring Works, Inc.	Vehicle Maintenance	3 Amboy Court	Springfield, MA
Fiore Machine	Machine Shop/mfg.precis.parts/tools	140 Michon Street	Springfield, MA
Fisher Scientific Company LLC	Distributor Lab Chem. & Equip.	325 Bowles Road	Agawam, MA
Fisher, Carl Co., Inc.	Sheet Metal Fabrication/HVAC Instal	42 Wilcox Street	Springfield, MA
Five Star Tours	Commercial	384 Shoemaker Lane	Agawam, MA
Flag Precision, Corp.	Machine Shop	140 Industrial Drive	East Longmeadow, MA
Fleetpride	Parts Department	613 Meadow Street	Agawam, MA
Flexlab, Inc.	Lab	99 Shaker Road	East Longmeadow, MA
Footit Health Care Store	Medical Supplies/Retail Sales/Rent	340 Memorial Avenue	West Springfield, MA
Forest Park Training Facility	Training Facility	24 Pony Road	Springfield, MA
Four Seasons Cleaning Service	Cleaner Drop-Off	1279 East Street	Ludlow, MA
Future Works	Employment Center	1 Federal Street, Bldg. 103-3	Springfield, MA
Gasoline Alley The Salon	Hairdresser	250 Albany Street	Springfield, MA
Gekay Sales & Service, Inc.	Vending Machine Repair/Cleaning	15 Dana Way	Ludlow, MA

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SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Gen Scope, Inc.	Optical Inst. Mfg.	18 Deer Park Drive	East Longmeadow, MA
Genalco Inc.	Industrial Supplies	321 Albany Street	Springfield, MA
Gene's Alignment Tire & Brake Co.	Vehicle Maintenance	10 Dean Street	Indian Orchard, MA
Georgia Pacific Industrial Building	Warehouse	121 Memorial Drive	Springfield, MA
Gifford, A. W. Inc., Locksmith	Security Hardware Repair/Sales	11 Lyman Street	Springfield, MA
Gleason Alton E & Co., Inc.	Paving/Commercial	658 Berkshire Avenue	Springfield, MA
Global Petroleum Corp./Global Companies LLC	Bulk Oil Storage/Fuel Oil	160 Rocus Street	Springfield, MA
Gosselin Tool, Inc.	Machine Shop	1040 Springfield Street	Feeding Hills, MA
Governors America Corp.	Electro Mechanical Parts Assembly	720 Silver Street	Agawam, MA
Graphic Printing	Printing	233 Western Avenue	West Springfield, MA
Graphic Source Co., The	General	34 Front Street	Indian Orchard, MA
Greenough Packaging & Maintenance Supplies	Distributor	54 Heywood Avenue	West Springfield, MA
Grimaldi's Carpet Steam Cleaning	Site Carpet Cleaning	1685 Suffield Street	Agawam, MA
Guiffredo Rich-Landscaping	Landscaping	567 Glendale Road	Wilbraham, MA
Hale Trailer Brake and Wheel, Inc.	Trailer Maintenance	222 Cadwell Drive	Springfield, MA
Hampton Farms/Division of Olde Tyme Foods, Inc.	Distributor/Peanut Processing	105 Avocado Street	Springfield, MA
Harmony Springs Beverage Co.	Beverage Products Mfg.	136 Yale Street	Ludlow, MA
Hayden Corp.	Machine Shop/Coatings/Cladding	333 River Street	West Springfield, MA
Healthsouth Rehabilitation Hospital of Western Massachusetts	Outpatient/Inpatient Phys. Rehabilit.	14 Chestnut Place	Ludlow, MA
Heritage Sales Inc.	Commercial	90 Industrial Lane	Agawam, MA
Holman Engineering Inc. / former Environair Systems Inc.	Control Panel Assembly	555 Cottage Street	Springfield, MA
Horizon Beverage Company	Wholesale Distributor/Warehouse	84 Westover Road	Ludlow, MA
Howard Fuel Service, Inc.	Fuel Oil	86 Robbins Road	Springfield, MA
Independent Fence & Iron Works, Inc.	Sales & Installation	1349 Main Street	Agawam, MA
Indian Orchard Mills, Inc.	Property Mgmt. Co./ various tenants	34 - 40 Front Street	Indian Orchard, MA
Industrial Sandblasting, Inc.	Sandblasting Service	100 State Street, Bldg. 44	Ludlow, MA
Island Pond Millwork, Inc.	Pre-hung Door Mfg./Wood	111 Carando Drive	Springfield, MA
J E Robison Service	Car Wash (Auto Detail)	347 Page Boulevard	Springfield, MA
J K Tool Company, Inc	Tool Manufacturing	41 Russo Circle	Agawam, MA
Jack Chen Chinese Restaurant	Restaurant	1193 Sumner Avenue	Springfield, MA
Jet Industries Inc.	Machine Shop/Aerospace	307 Silver Street	Agawam, MA
Joe's Truck Repair Inc.	Vehicle/Heavy Equip. Maintenance	97 Ramah Circle South	Agawam, MA
Johnson Foils/JWI Group Inc.	Metal Fabrication	40 Progress Avenue	Springfield, MA
Jon Spring Company, Inc.	Manufacturing	125 Carando Drive	Springfield, MA
K & W Machine Works	Machine Shop	146 Verge Street	Springfield, MA
Kel-Dan Service/Uniform	Uniform Sales/Retail (Home Busin.)	82 Sierra Vista Road	Springfield, MA
Kellco Products Inc.	Janitorial Supplies	232 Albany Street	Springfield, MA
Kelly-Fradet Lumber Co.	Retail Lumber Yard	587 North Main Street	East Longmeadow, MA
Keystone Automotive Industries, Inc.	Distributor/Auto Body Parts	1165 Page Boulevard	Springfield, MA
Kimball Towers Condominium Assoc.	Condo Complex	140 Chestnut Street	Springfield, MA
Kitchen Works (LIR)	Cabinet Shop	35 State Street	Ludlow, MA
Kleeberg Sheet Metal, Inc.	Sheet Metal Fabrication	65 Westover Road	Ludlow, MA
Langone, James A. Photographer Inc.	Photoprocessing/Digital	36 Loring Street	Springfield, MA
Langonet Autobody & Frame	Auto Body Repair	61 Ramah Circle S.	Agawam, MA
Letterpress Services, Inc.	Afterprint Finishing	85 Phelon Avenue	West Springfield, MA
Life Laboratories/S.C.S. (Ludlow)/Office of Dr. Gino Mercadante PC	Medical Facility	200 Center Street	Ludlow
Life Laboratories/Sys. Coord. Serv. (1 S. End Bridge Circle, Aga.)	Medical Facility	1 S. End Bridge Circle	Agawam, MA
Life Laboratories/Sys. Coord. Serv. (274 Westfield St., West Spfld.)	Medical Facility	274 Westfield Street, (Rt. 20)	West Springfield, MA
Life Laboratories/Sys. Coord. Serv. (299 Carew Street, Basement)	Medical Facility	299 Carew Street (lobby)	Springfield, MA

TABLE 1F

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Life Laboratories/Sys. Coord. Serv. (954 Westfield St., West Spfld.)	Medical Facility	954 Westfield Street, (Rt. 20)	West Springfield, MA
Life Laboratories/Sys. Coord. Serv. (Indian Orchard)	Medical Facility	827 Worcester Street	Indian Orchard, MA
Life Laboratories/Sys. Coord. Serv. (Main St., Spfld.)	Medical Facility	532-536 Main Street	Springfield, MA
Life Laboratories/Sys. Coord. Serv. (Maple St., Spfld.)	Medical Facility	120 Maple Street, Ste. 203	Springfield, MA
Life Laboratories/Sys. Coord. Serv. (Stafford St., Spfld.)	Medical Facility	300 Stafford Street, Ste. 109	Springfield, MA
Life Laboratories/Sys. Coord. Serv. (Sumner Avenue)	Medical Facility	475 Sumner Avenue	Springfield, MA
Life Laboratories/Sys. Coord. Serv. (Walnut St., Agawam)	Medical Facility	379 Walnut Street Ext.	Agawam, MA
Longmeadow Cleaners	Cleaners Drop-off	799 Williams Street	Longmeadow, MA
Lucia Lumber Co., Inc.	Retail Lumber Yard	777 Silver Street	Agawam, MA
Ludlow Printing and Copy Center (former Orchard Print Center)	Printing	44 Sewall Street	Ludlow, MA
M & S Tomato Repacking Co. Inc.	Distributor/Repacking	1026 Bay Street	Springfield, MA
MacKenzie Vault Inc.	Manufacturer/Marble Urns	165 Benton Drive	East Longmeadow, MA
Macmillian & Sons	Realty Company	1537 Main Street, Suite 305	Springfield, MA
Mansfield Paper Co., Inc.	Distributor/Printing	380 Union Street	West Springfield, MA
Manufacturers Technologies	Computer Systems	59 Interstate Drive	West Springfield, MA
Maxol Products Co. Inc.	Distributor/Repackaging Floor Prod.	844 Union Street	West Springfield, MA
Maybury Material Handling	Commercial	90 Denslow Road	East Longmeadow, MA
McCarthy Polymers Inc.	Sales Representative	1435 Longmeadow Street	Longmeadow, MA
McDonald's Restaurant	Restaurant	1402 Allen Street	Springfield, MA
McDonald's Restaurant	Restaurant	360 South Main Street	Springfield, MA
McGill Hose & Coupling, Inc.	Distributor/wholesale Industrial	41 Benton Drive	East Longmeadow, MA
McLeod & Dewey Associates	Packaging Distributor/Wholesale	630 Silver Street	Agawam, MA
Merit Oil Corporation	Distributor	341 Memorial Avenue	West Springfield, MA
Merrium - Webster, Inc.	Publisher	47 Federal Street	Springfield, MA
MGM Parking Garage	Parking Garage	33 MGM Way	Springfield, MA
Micon Die Corp.	Steel Rule Die Cutting	85 Phelon Avenue	West Springfield, MA
Millennium Press	Printing/Commercial	570 Silver Street	Agawam, MA
Mirkin's Ideal Cleaning Service (Longmeadow Street)	Cleaners Drop-off	149 Longmeadow Street	Longmeadow, MA
Mirkin's Ideal Cleaning Service (State Street)	Cleaners Drop-off	583 State Street	Springfield, MA
Mitchell Machine, Inc.	Machine Shop	224 Hancock Street	Springfield, MA
Modern Plastics	Distribution	710 Berkshire Avenue	Springfield, MA
Monson Paper	Warehouse/Pulp, Paper & Paperbd.	121 Memorial Drive	Springfield, MA
Moren Signs	Commercial/Sign Mfg.	101 Ramah Circle South	Agawam, MA
Morini Performance Coatings	Powder Coating/Metal Polish/Paint	556 St. James Avenue	Springfield, MA
Multi-Hue	Screen Printing	34-40 Front Street, Bldg. #4, Grd.Fl.	Indian Orchard, MA
Murphy, E.J. Mfg. Co.	Retail Sales	673 Dickinson Street	Springfield, MA
Muth Associates, Inc.	Distributor/Packaging Material	53 Progress Avenue	Springfield, MA
National Countertop & Cabinet Company, Inc.	Manufacturer Cabinets/Countertops	34 Front Street	Indian Orchard, MA
National Scale of New England Inc.	SalesRepair of Scales	20 Osborne Terrace	Springfield, MA
New England Blue Print Paper Co., Inc./Engin. Tech. and Supplies	Copy Machine Printing	302 Locust Street	Springfield, MA
New England Concrete Cutting Inc.	Commercial/Storage	459 Silver Street	Agawam, MA
New England Custom Coaters, Inc.	Painting Industrial Parts	100 Shoemaker Lane	Agawam, MA
New England Maintenance Depot LLC	Warehouse/Janitorial Supplies	125 Frank B. Murray Street	Springfield, MA
New England Pallets and Skids, Inc.	Wood Pallet Manufacturing	250 West Street	Ludlow, MA
Ninety Meat Outlet	Commercial	90 Avocado Street	Springfield, MA
Nortek, Inc.	Machine Shop/Tool Manufacturing	70 Doty Circle	West Springfield, MA
Northeast Contractors Inc., dba Palentino Auto	Vehicle Maintenance	100 Moody Street	Ludlow, MA
Northeast Metrology, Inc.	Commercial/Meas.Equip.Repair/Cal	140 Industrial Drive	East Longmeadow
Northeast Overhead Door	Commercial	15 Dell Street	East Longmeadow

TABLE 1F

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Northern Tool Manufacturing Co.	Mfg. Plastic Molds	170 Progress Avenue	Springfield, MA
Northstar Pulp & Paper	Recycling	89 Guion Street	Springfield, MA
Northup Electrical Contractors, Inc.	Commercial	73 Bowles Road	Agawam, MA
O-A, Inc.	Machine Shop	325 Silver Street	Agawam, MA
Oil Recovery Corp.	Env. Consultant	138 Palmer Avenue	West Springfield, MA
Olde New England Refinishing	Refinishing	377 South West Street	Feeding Hills, MA
Omartian Toros & Sons Inc	Carpet Cleaning	286 Bridge Street	Springfield, MA
Ouimette Printing Company	Printing/Offset	40 Kelso Avenue	West Springfield, MA
Outing Park Appartments 1	Laundry/Maintenance	64 Saratoga Street	Springfield, MA
P.A.W., Inc. (LIR)	Manufacturing	200 State Street	Ludlow, MA
Package Printing Co., Inc.	Printing/Plastic Flexographic	33 Myron Street	West Springfield, MA
Pafumi Vehicle Inspection Facility	Vehicle Inspection Facility	389 Main Street	Indian Orchard, MA
Palatino Auto & Truck Repair, Inc.	Vehicle Maintenance	110 Moody Street	Ludlow, MA
Palmer Paving Corp.	Asphalt Paving Mfg./Vehic. Maint.	1000 Page Boulevard	Springfield, MA
Peerless Handcuff Co.	Distributor	95 State Street	Springfield, MA
Penfield Productions Ltd.	Film & Video	35 Springfield Street	Agawam, MA
Performance Food Service/Food Group	Food Wholesaler/Distributor	1 Performance Boulevard	Springfield, MA
Peter Pan Bus Lines/Coach Builders	Vehicle Maintenance	2257 - 2273 Main Street	Springfield, MA
Pete's Tire Barns Inc. (LIR)	Retail/Commercial Tire Sales/Serv.	125 B Progress Avenue	Springfield, MA
Phoenix Academy Public Charter High School	Charter School/Science Laboratory	65 Lincoln Street	Springfield, MA
Physicians Billing Services, Inc.	Medical Facility	299 Carew Street	Springfield, MA
Physicians Billing Services, Inc.	Medical Facility	300 Stafford Street	Springfield, MA
Pinnacle Performance, Inc./Protection Plus	Vehicle Refinishing	171 Shaker Road	East Longmeadow, MA
Pioneer Tool Supply	Commercial	4 Barnard Street	West Springfield, MA
PIP Printing	Printing/Offset/Digital	175 Benton Drive, Suite 100	East Longmeadow, MA
Plating Supplies International, Inc.	Filter Bag Mfg.	71 Ramah Circle North	Agawam, MA
Precision E.D.M., Inc.	Machine Shop/Elec. Disch. Machin.	77 Warehouse Street	Springfield, MA
Preco Distributors Inc. (LIR)	Retail	2460 Boston Road	Wilbraham, MA
Preferred Auto	Vehicle Maintenance	27 Heywood Avenue	West Springfield, MA
Pride Stations & Stores	Offices & Storage	246 Cottage Street	Springfield, MA
Print 2000	Printing	1812 Wilbraham Road	Springfield, MA
Print Shop, The	Printing	19 Mosher Street	West Springfield, MA
Priority Press	Printing/Offset /Digital	132 Shaker Road	East Longmeadow, MA
Promach Inc.	Machine Shop	190 New Bridge Street	West Springfield, MA
Punderson Oil, Co.	Oil Distributor	60 Hannon Street	Springfield, MA
Puppet Pelts by Dewey Street	Fleece Retailer	34 Front Street	Springfield, MA
Pynchon Press Co., Inc.	Printing/Commercial	1 Allen Street	Springfield, MA
Quik as a Wink	Printing	940 Westfield Street	West Springfield, MA
R & R Industries, Inc.	Scrap Metals	195 Rocus Street	Springfield, MA
R. W. Tool Corporation	Tool Manufacturing	34 Front Street	Indian Orchard, MA
Rainbow Graphics Inc.	Shipping/Handling	267 Allen Street	Springfield, MA
Red & Fred's Auto Cleaning Service	Car Wash	835 Union Street	West Springfield, MA
Rego & Roy, LLC	Injection Mold Design/Plastics	200 State Street, Gte3, Bldg120/220	Ludlow, MA
Reliable Temps Inc.	Commercial/Employment Agency	630 Silver Street	Agawam, MA
Richie's Air Conditioning & Heating	HVAC Sheet Metal Forming	81 Industrial Lane	Agawam, MA
Roadrunner Muffler Shop	Vehicle Maintenance	1140 Bay Street	Springfield, MA
Rock Tenn CP, LLC (Warehouse)	Warehouse/Corrugated Material	78 Verge Street	Springfield, MA
Rock Tenn CP, LLC Design Center	Offices/Container Design	45 Industrial Drive	East Longmeadow, MA
Rockrimmon Auto Parts and Recycling	Metal Recycling	551 Center Street	Chicopee, MA

TABLE 1F

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Ron-Mar, Inc.	Physical Testing Lab/Aircraft Parts	70 Ramah Circle North	Agawam, MA
Royal Seasons Restaurant	Restaurant	339 Boston Road	Springfield, MA
RRT - Waste Management, Inc.	Recycling	84 Birnie Avenue	Springfield, MA
S. A. Machine Company	Machine Shop	36 Baldwin Street	East Longmeadow, MA
Sandie's Agawam Cleaners	Dry Cleaner	707 Main Street	Agawam, MA
Scholar Craft Products	Plastic Manufacturing	377 Cottage Street	Springfield, MA
SCM Container Machinery Inc.	Manufacturing	619 Silver Street	Agawam, MA
Screen Craft	Printing	34 Front Street, Bldg. 1, 1st Floor	Indian Orchard, MA
Screen Print Express	Printing	34 Front Street, Bldg. 1, 3rd Floor	Indian Orchard, MA
Scuderi Group, LLC	Intellectual Prop. Devel. & Licensing	1111 Elm Street, Suite 33	West Springfield, MA
Sears Auto Center #6363	Vehicle Maintenance	1585 Boston Road	Springfield, MA
Severn Peanut Company -(dba - Hampton Farms)	Dry Roasted Peanut Manufacturing	105 Avocado Street	Springfield, MA
Sharp Precision Grinding Co.	Machine Shop	168 Windsor Street	West Springfield, MA
Simmons Company	Manufacturing	320 Bowles Road	Agawam, MA
Sir Speedy Printing of Spfld.	Printing	1441 Main Street, Suite 146	Springfield, MA
Specialty Bolt & Screw, Inc.	Distributor/Fasteners	Agawam Ind. Park, 235 Bowles Road	Agawam, MA
Specialty Packaging Inc.	Paper Products/Decorative Boxes	34 Front St.	Indian Orchard, MA
Sprague Energy (formerly Belcher, Leonard E., Inc) (St. James Terminal	Heat Oil/Kerosene Bulk Store/Distrib	615 St. James Avenue	Springfield, MA
Sprague Energy (formerly Belcher, Leonard E., Inc.) (Armory Street Terr	Diesel/Kerosene Bulk Store/Distrib.	195-225 Armory Street	Springfield, MA
Sprague Energy (formerly Belcher, Leonard E., Inc.) (E. Columbus Ave.	Gas Station / Car Wash	733 East Columbus Avenue	Springfield, MA
Sprague Energy (formerly Belcher, Leonard E., Inc.) (Napier Street Gara	Fuel Additive/Equipment Storage	8 Napier Street	Springfield, MA
Springfield A-1 Auto Service, Inc.	Vehicle Maintenance	731 Liberty Street	Springfield, MA
Springfield Corrugated Box, Inc.	Distributor	74 Moylan Lane	Agawam, MA
Springfield Fire Training Academy	Academy	100 Grochmal Avenue	Springfield, MA
Springfield Label & Tape Co., Inc.	Label and Tape Manufacturing	430 St. James Avenue	Springfield, MA
St. Luke's Rest Home	Extended Care/Laundry/Kitchen	85 Spring Street	Springfield, MA
Stacy's Cleaners, Inc.	Dry Cleaners/Laundry-	55 White Avenue	East Longmeadow, MA
Stacy's Longmeadow Dry Cleaners	Dry Cleaners/Drop Off	3-5 Edgewood Avenue	Longmeadow, MA
Standard Printing Service	Printing	624 Worthington Street	Springfield, MA
Stationery Print.Com	Printing/Offset	104 Ramah Circle South	Agawam, MA
Stephen Thomas Cleaners Inc.	Cleaners/Dry Cleaning/Laundry	1903 Wilbraham Road	Springfield, MA
Sterling Custom Cabinets/Alpha Builders Inc.	Commercial Mfg.	55 Avocado Street	Springfield, MA
Suffield Pattern Works, Inc.	Wood Patterns/Tooling	576 St. James Avenue	Springfield, MA
Sulco Warehouse (R. M. Sullivan Transportation, Inc.)	Warehouse	311 Industry Avenue	Springfield, MA
Sullivan, R. M. Transportation, Inc.	Trucking Terminal/Maintenance	649 Cottage Street	Springfield, MA
Summit Handling Systems, Inc.	Sales/Rental/Repair Heavy Equip.	37 Ramah Circle N.	Agawam, MA
Sumner Laundromat Express Inc.	Laundromat	700 Sumner Avenue	Springfield, MA
Superior Cleaner	Cleaners	1732 Boston Road	Springfield, MA
Superior Industrial Products Corp.	Distributor/Maintenance Supplies	155 New Bridge Street	West Springfield, MA
Sweet Life Foods Co./Div. of Grand Union Markets LLC	Food Wholesaler/Dry Goods	110 Avacado Street	Springfield, MA
Terminix Int. Co.	Pest Control	90 Carando Drive	Springfield, MA
The Bell / Simons Co.	Wholesale/Retail HVAC Parts&Equip	210 Albany Street	Springfield, MA
Thermal Structures	Storage Buildings	31 Benton Drive	East Longmeadow, MA
TLC Gel-Tron Int'l Corp.	Distributor/Forklift-Aircraft Parts	1357 Suffield Street	Agawam, MA
Trade Press, Inc.	Printing/Commercial	230 Cold Spring Avenue	West Springfield, MA
True Precision Co.	Machine Shop	17 Allston Avenue	West Springfield, MA
T-Shirt Station/2p Designs, LLC	Printing/Screen/Heat Applied	1458 Riverdale Street	West Springfield, MA
Twin TypeSetting Inc.	Printing/Computer Generated	84 James Street	Ludlow, MA
Union Station - Parking Garage	Parking Garage	55 Frank B. Murray Street	Springfield, MA

TABLE 1F

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DRY REGISTERED USERS

Industry Name	Classification	Site Address	City, State.
Union Station - Terminal Building	Intermodal Transp.Terminal Bldg.	55 Frank B. Murray Street	Springfield, MA
United Cleaning Service	Janitorial Service/Carpet Cleaner	15 Baird Road	Springfield, MA
United Industrial Textile Products, Inc.	Textiles/Custom Industrial Covers	321 Main Street	West Springfield, MA
United Process, Inc. / dba Sound Seal	Noise Control Material Sewing	50 H. P. Almgren Drive	Agawam, MA
United Transmission Exchange, Inc.	Vehicle Maintenance/Transmissions	33 Winter Street	Springfield, MA
Universal Tool Company, Inc.	Tool Manufacturing/Security Devices	33 Rose Place	Springfield, MA
Valley Automotive	Vehicle Maintenance	49 Russo Circle	Agawam, MA
Vallid Labs, Inc.	Analytical Laboratory	295 Silver Street	Agawam, MA
Valmont Inc. (LIR)	Distributor	State Street	Ludlow, MA
Venezian Monumental Works, Inc.	Engraving/Retail Monument Sales	1587 State Street	Springfield, MA
Veritech Corporation	Video Production Company	168 Denslow Road	East Longmeadow, MA
Vermette Auto Body	Service Shop	223 Garden Street	Agawam, MA
Vogform Tool & Die Company, Inc.	Machine Shop	56 Doty Circle	West Springfield, MA
Weld - Tech	Metal Working	State Street (Lud. Ind. Realty)	Ludlow, MA
West Springfield Record	Printing/Digital	516 Main Street	West Springfield, MA
Western New England College	Laundry/Maint./Laboratory	1215 Wilbraham Road	Springfield, MA
Westside Tire and Auto Service	Vehicle Maintenance/Tire Sales	930 Memorial Avenue	West Springfield, MA
WGGB Channel 40/ABC 40	Vehicle Maintenance	1300 Liberty Street	Springfield, MA
Whitney Nameplate Co.	Engraving Signs	1700 Riverdale Street	West Springfield, MA
Witch Enterprises	Commercial	467 Silver Street	Agawam, MA
Wonder Bread & Hostess Cake	Distributor	1566 State Street	Springfield, MA
Wood Stock Mills, Inc.	Millwork Fabrication/Distributor	983 Page Boulevard, Ste.2	Springfield, MA
Woodhouse, J. S. Co., Inc.	Distributor/Wholesale Farm Equip.	1314 Union Street	West Springfield, MA
Woodlawn Tool and Gauge Co., Inc.	Machine Shop Service Facility	114 Myron Street	West Springfield, MA
WYZ Machine Company, Inc.	Machine Shop	95 Industrial Lane	Agawam, MA
Xenophon A. Beake Photo	Photoprocessing/Digital	2205 Boston Road, Unit Q163	Wilbraham, MA
Yenian & Co., Charles, Inc.	Carpet Cleaning/Rug Retail Sales	57 Pearl Street	Springfield, MA
Zela, Ms. Daughter & Company	Nail & Hair Salon	43 Pearl Street	Springfield, MA
Zielinski Brothers, Inc.	Commercial/Construction/Excavat.	218 Shoemaker Lane	Agawam, MA

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
16 Acres Dental Health Center	1178 Parker Street		Springfield	MA	Yes
Acres Dental Care	1954 Wilbraham Road		Springfield	MA	Yes
Admire Dental	305 State Street		Springfield	MA	Yes
Agawam Crossing Dental	200 Silver Street		Agawam	MA	Yes
Agawam Dental Arts - Michael Calabrese DMD	850 Springfield Street		Agawam	MA	Yes
Agawam Dental Associates PC	532 Springfield Street		Agawam	MA	Yes
Agawam Dental Care PC	1182 Springfield Street		Agawam	MA	Yes
Apex Dental Assoc - former Bicentennial Dental PC	275 Bicentennial Highway	Suite 207	Springfield	MA	Yes
Apex Dental Associates - Septic system - not in program	653 Center Street		Ludlow	MA	Yes
Archambault & Archambault AKA Elm Family Dentistry	1284 Elm Street	Suite 1	West Springfield	MA	Yes
Ascent Dental	250 N. Main St.	Suite A	East Longmeadow	MA	Yes
Ascent Dental, formerly Baystate Dental PC (Elongmdw)	294 North Main Street		East Longmeadow	MA	Yes
Ascent Dental, formerly Baystate Dental PC (Longmdw)	66 Dwight Road		Longmeadow	MA	Yes
Aspen Dental (Spfld)	1356 Boston Road	Suite 104	Springfield	MA	Yes
Aspen Dental (WSpfld)	935 Riverdale Street		West Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Atrium Dental Group	100 Shaker Road		East Longmeadow	MA	Yes
Baystate Dental PC (Ludlow)	77 Winsor Street	Suite 201	Ludlow	MA	Yes
Baystate Dental PC (Spfld-HarrisonAv)	13 Harrison Avenue		Springfield	MA	Yes
Baystate Dental PC (Spfld-MainSt 2)	1795 Main Street	Suite 215	Springfield	MA	Yes
Baystate Dental PC (Spfld-MainSt 3)	1795 Main Street	Suite 212	Springfield	MA	Yes
Baystate Dental PC (Spfld-MainSt 4)	1795 Main Street	Suite 116	Springfield	MA	Yes
Baystate Dental PC (Wilbrhm)	35 Post Office Park		Wilbraham	MA	Yes
Baystate Dental PC (WSpfld)	93 Van Deene Avenue		West Springfield	MA	Yes
Bonavita, Andrew DMD	123 Dwight Road		Longmeadow	MA	Yes
Bouchard, Kelly, DMD PC	103 Van Deene Avenue		West Springfield	MA	Yes
Boulder Brook Dental LLC - septic system	2377 Boston Road		Wilbraham	MA	Yes
Breglio, Anthony E, DDS	167 Maple Street		Springfield	MA	Yes
Capurso, James, Family Dental Care (Longmeadow)	94 Edgewood Avenue		Longmeadow	MA	Yes
Caring Health Center	532 Sumner Avenue		Springfield	MA	Yes
Caring Health Center - (formerly listed) Mahmood, Abu Baker DDS	1049 Main Street	3rd floor	Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Center Springfield Dental Office	1795 Main Street	Suite 108	Springfield	MA	Yes
Children & Family Dentistry & Braces (Spfld)	376 Cooley Street		Springfield	MA	Yes
Children's Dentristry of Springfield	366 Cooley St.		Springfield	MA	Yes
Chirumamilla, Ranga Nayuki, DMD/Advance Dental	1795 Main Street	Suite 203	Springfield	MA	Yes
Cornerstone Kids Dentistry	332 Suffield Street		Agawam	MA	Yes
Cortland Dental & Braces, (formerly) Kool Smiles 036	1070 Saint James Avenue	Suite D	Springfield	MA	Yes
Dental Dreams, LLC	555 State Street		Springfield	MA	Yes
Dental Studio Associates	302 Suffield Street		Agawam	MA	Yes
Dental West LLC, owner Maslowski, James	171 Park Avenue	Suite 102	West Springfield	MA	Yes
Desautels, Robert A., DMD	34 Marsden Street		Springfield	MA	Yes
Ditomassi, George R., DDS	1795 Main Street	Suite 206	Springfield	MA	Yes
Donohue & Donohue, DMD	624 Belmont Avenue		Springfield	MA	Yes
Dores Dental - new location	281 Maple St.		East Longmeadow	MA	Yes
Dr Dental - Springfield Family Dental PC	800 Boston Road		Springfield	MA	Yes
Dr. Dental - Springfield Family Dental	1059 Boston Rd		Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Duplessis, Peter J., DMD	1 Crane Park Drive		Wilbraham	MA	Yes
East Longmeadow Family Dental Center	200 North Main Street		East Longmeadow	MA	Yes
Elfman, Richard, DDS	19 Hampden Street		Springfield	MA	Yes
EMA Dental	16 Gerrard Street		East Longmeadow	MA	Yes
Family Dental Care - (Spfld - Drs Duong DMD)	586 Belmont Avenue		Springfield	MA	Yes
Feeding Hills Dental Care, Mark Bourcier	33 Southwick St.		Agawam	MA	Yes
Flagship Dental	123 Dwight Road		Longmeadow	MA	Yes
Fox, Andrew J., DMD	1795 Main Street	Suite 214	Springfield	MA	Yes
Gentle Family Dentistry	1206 Boston Road		Springfield	MA	Yes
Globus Dental - Vinay Reddy dds	1795 Main St.	Suite 101	Springfield	MA	Yes
Goodman & Fox Dental	3455 Main Street	Suite 102	Springfield	MA	Yes
Gramse, Laura, DDS	2194 Wilbrham Road		Springfield	MA	Yes
Great Expressions Dental Centers 37	2141 Boston Road		Wilbraham	MA	Yes
Hausman, Howard, DDS, Longmeadow Dental Care	813 Williams Street		Longmeadow	MA	Yes
Health Services for Homeless Health Center	755 Worthington Street		Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Jacapraro, Stephan R., DMD, DBA Family Dental Care	1379 Main Street		Agawam	MA	Yes
Kaim, Steven H., DDS	175 Dwight Road	Suite 205	Longmeadow	MA	Yes
Kids Dentist	232 Park Street		West Springfield	MA	Yes
Larkin, Edward DMD	1795 Main Street	Suite 101	Springfield	MA	Yes
Lifetime Dental - Dr Michitti	1156 Springfield Street		Agawam	MA	Yes
Lite, Jeffery L., DMD	390 Sumner Avenue		Springfield	MA	Yes
Ludlow Dentistry & Braces	433 Center Street		Ludlow	MA	Yes
Ludlow Family Dentistry	257 Kendall Street		Ludlow	MA	Yes
Mackler, Siurek, & Associates	46 Daggett Drive	# 2C	West Springfield	MA	Yes
Manniello, Raymond D, DDS, General Dentistry	264 North Main Street		East Longmeadow	MA	Yes
Manniello, Raymond, DDS, General Dentistry	106 Cleveland Street		Springfield	MA	Yes
Manning, Thomas J., DDS	66 Cunnigham Street		Springfield	MA	Yes
McDaniel, Steve, DDS	534 Center Street		Ludlow	MA	Yes
Meadow Place Dental	200 North Main Street		East Longmeadow	MA	Yes
My Dental	1377 Liberty Street		Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Nardi, Paul A., DDS	275 Bicentennial Highway		Springfield	MA	Yes
New England Dental Care	352 Cooley St		Springfield	MA	Yes
New North Professional Condominimum	1795 Main Street		Springfield	MA	Yes
No Tooth Left Behind, Springfield Dept. Health & Human Services	1300 State St		Springfield	MA	Yes
Nobel Perio - No Amalgam Placed or Removed - formerly Western Mass Endodontics -	158 Main St.		Agawam	MA	Yes
Noble Family Dental	625 Boston Rd	Unit B	Springfield	MA	Yes
Northgate Dental Center	1985 Main Street		Springfield	MA	Yes
Optimal Smiles - Acquista, Thomas H., DMD	904 Shaker Road		Longmeadow	MA	Yes
Orchard Family Dental LLC	439 Main Street	Suite A	Springfield	MA	Yes
Pediatric Dental Associates - Vincent Trimboli DDS	52 North Main Street		East Longmeadow	MA	Yes
Peoples Dental <-- Hirsh, David A, DMD & Assocaites	293 Bridge Street	Suite 427	Springfield	MA	Yes
Pioneer Vally Dental Arts	171 Dwight Road		Longmeadow	MA	Yes
Rappaport, Gary DDS - OOB sold practice to Pioneer Valley Dental Arts 171 Dwight Rd.	167 Dwight Road	Suite 202	Longmeadow	MA	Yes
Richey, Robert W., DDS	1795 Main Street	Suite 112	Springfield	MA	Yes
Riverdale Dental	1073 Riverdale St.		West Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Riverside Dental	235B Memorial Avenue		West Springfield	MA	Yes
Root, Stephen DDS DBA Wilbraham Family Dentistry	85 Post Office Park	Suite 8503	Wilbraham	MA	Yes
Salem, Robert, DMD	75 Van Deene Avenue	Suite 102	West Springfield	MA	Yes
Scannell & Hollinger Inc.	79 Maple Street		East Longmeadow	MA	Yes
Seven Hills Dental, formerly Watson, Anne DDS	1410 Carew Street		Springfield	MA	Yes
Silverman, Arnold D., DDS	46 Daggett Drive		West Springfield	MA	Yes
Smiles and Faces	1984 Boston Road		Wilbraham	MA	Yes
Springfield Dentistry and Braces	405c Armory St.		Springfield	MA	Yes
Springfield Department of Health & Human Services	11 Wilbraham Road	2nd Floor	Springfield	MA	Yes
Springfield Technical Community College - Certify No Amalgam Work Done	1 Armory Street		Springfield	MA	Yes
St Joseph's Family Dental LLC - certified No Metal Amalgam Placed	258 Main Street		West Springfield	MA	Yes
St. Germain, Amy, DMD	10 Pleasant Street		East Longmeadow	MA	Yes
Sunshine Dental	1245 Boston Road		Springfield	MA	Yes
Taylor Dental - Peck, David, DMD	41 Taylor Street	4th Floor	Springfield	MA	Yes
Trecker and Lopez Family Dentistry	1235 Sumner Avenue		Springfield	MA	Yes

TABLE 1G

SPRINGFIELD WATER AND SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

DENTISTS

Facility	Address	Address (cont.)	City	State	Active Facility
Trombley, Kevin DMD - Certified Does Not Place or Removed Dental Amalgam	1575 Wilbraham Road		Springfield	MA	Yes
Tufts Dental Facility at West Springfield	1275 Elm Street		West Springfield	MA	Yes
Valllera Family & Cosmetic Dentistry <-- Welch & Vallera DDS	75 Van Deene Avenue	Suite 101	West Springfield	MA	Yes
Vanguard Dental	1730 Boston Road		Springfield	MA	Yes
West Springfield Family Dental PC	1096 Memorial Avenue		West Springfield	MA	Yes
Western Mass Endodonitics PC	306 Westfield Street		West Springfield	MA	Yes
Western Mass Endodontics PC	66 Dwight Rd.		Longmeadow	MA	Yes
Westside Dental	11 Westfield Street		West Springfield	MA	Yes
Wilbraham Dental Associates LLC	70 Post Office Park	Suite 7006	Wilbraham	MA	Yes

SECTION 2

INDUSTRIAL WASTEWATER DISCHARGE PERMITS

INDUSTRIAL WASTEWATER DISCHARGE PERMITS

Each SIU's process wastewater discharged to the POTW was controlled by an Industrial Wastewater Discharge Permit (IWDP). SIUs were issued IWDPs for each regulated industry outfall; consequently an industry could have more than one permit.

The IPP maintained:

1) 51 IWDPs in the service area at close of 2020:

   a) 29 IWDPs to categorical SIU outfalls
   b) 22 IWDPs to noncategorical SIU outfalls.

Table 2 lists the IWDPs that were maintained at the close of 2020.

IWDPs were issued to SIUs for a term of up to five years and were renewable upon reapplication. To expedite the approval process and assure uniformity in the monitoring devices, the IPP issued specifications in an appendix of the IWDP which set minimum standards on the monitoring equipment.

The IWDP also required an SIU to monitor, sample and analyze its wastewater on a specific schedule and to submit copies of the analysis and monitoring results to the IPP on a quarterly and semi-annual basis. The IPP notified SIUs of deficiencies discovered in their self monitoring reports (SMRs) with an evaluation letter. If an SIU did not correct their reporting deficiencies, the IPP would initiate enforcement action.

TABLE 2

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
INDUSTRIAL WASTEWATER DISCHARGE PERMITS

Industry Name	Classification	Category	Site Address	City, State.
Agri-Mark, Inc.	Dairy Products	405	958 Riverdale Street	West Springfield, MA
Alden Medical LLC	Chemical Blending	403	360 Cold Spring Avenue	West Springfield, MA
ApMar USA, Inc.	Electroplating	413	175 Progress Avenue	Springfield, MA
Arclin Surfaces - East Longmeadow Company	Laminant Flooring	403	82 Deer Park Drive	East Longmeadow, MA
Astro Chemicals, Inc. (AST), Memorial Dr	Chemical Blending	403	126 Memorial Drive	Springfield, MA
Astro Chemicals, Inc., Shaw's Lane	Chemical Processing	403	64-94 Shaw's Lane	Springfield, MA
Belmont Laundry, Inc.	Laundry	403	333 Belmont Avenue	Springfield, MA
Berkshire Power Company, L.L.C.	Steam Electric	423	36 Moylan Lane	Agawam, MA
Bondi's Island Landfill (City of Springfield)	Landfill Leachate	403	M Street	Agawam, MA
Chemi-Graphic Inc.	Metal Finishing	433	340 State Street	Ludlow, MA
Covanta Springfield, LLC	Steam Electric	423	188 M Street	Agawam, MA
Doncasters Inc. (Storms Forge - Zyglo)	Nonferrous Metals	471	160 Cottage Street	Springfield, MA
Essential Power Massachusetts LLC	Steam Electric	423	15 Agawam Avenue	West Springfield, MA
Excel Dryer, Inc.	Metal Finishing	433	357 Chestnut Street	East Longmeadow, MA
Falvey Linen Supply Company, Inc.	Laundry	403	100 Brookdale Drive	Springfield, MA
Fountain Plating Company, Inc.	Electroplating	413	492 Prospect Avenue	West Springfield, MA
Friendly's Manufacturing and Retail, LLC	Dairy Products	405	1855 Boston Road	Wilbraham, MA
H.P. Hood Inc.	Dairy Products	405	233 Main Street	Agawam, MA
Hampden Fence Supply, Inc.	Iron and Steel	420	80 Industrial Lane	Agawam, MA
Industrial Etching, Inc.	Metal Finishing	433	21 Fisher Avenue	East Longmeadow, MA
Irwin Industrial Tools, dba Lenox Tools	Iron & Steel & Saw Manufacturing	420	79 Industrial Drive	East Longmeadow, MA
Irwin Industrial Tools, dba Lenox Tools (Main Plant)	Iron & Steel & Saw Manufacturing	420	301 Chestnut Street	East Longmeadow, MA
James Austin Company	Chemical Blending	403	203 West Avenue	Ludlow, MA
L & J Linen	Laundry	403	71 Allen Street, Suite D	Springfield, MA
Litron, Inc.	Metal Finishing	433	45 Bowles Road	Agawam, MA
Luster-On Products, Inc.	Electroplating	413	54 Waltham Avenue	Springfield, MA
Luster-On Products, Inc. (002)	Chemical Blending	403	54 Waltham Avenue	Springfield, MA
Massachusetts Municipal Wholesale Electric Company (MMW)	Steam Electric	423	327 Moody Street	Ludlow, MA
MASSPOWER (Equipower Resources Corp.)	Steam Electric	423	750 Worcester Street	Springfield, MA
Mount Tom Box Company Inc.	Box Carton Mfg.	403	190 Interstate Drive	West Springfield, MA
New England Industrial Uniform Rental Service, Inc.	Laundry	403	355 Union Street	West Springfield, MA
Oerlikon Balzers	Metal Working	403	30 General Abrams Drive	Agawam, MA
OMG, Inc.	Metal Finishing	433	153 Bowles Road	Agawam, MA
Poly-Metal Finishing, Inc.	Electroplating	413	1 Allen St., Bldg. 218	Springfield, MA
QG Printing 11 LLC	Printing	403	245 Benton Drive	East Longmeadow, MA
Service Matters LLC	Laundry	403	56 Main Street	Springfield, MA
Sheraton Springfield Hotel	Laundry	403	1 Monarch Place	Springfield, MA
Smith & Wesson (Main Outfall)	Metal Finishing	433	2100 Roosevelt Avenue	Springfield, MA
Smith & Wesson (Pollution Control)	Metal Finishing	433	2100 Roosevelt Avenue	Springfield, MA
Smithfield Packaged Meats Corporation	Meat Products	403	20 Carando Drive	Springfield, MA
Solutia Inc. (East Outfall)	OCPSF	414	730 Worcester Street	Springfield, MA
Solutia Inc. (West Outfall)	OCPSF	414	730 Worcester Street	Springfield, MA
Suddekor, LLC (Agawam)	Laminant Flooring	403	240 Bowles Road	Agawam, MA
Sullivan Paper Company Inc.	Paper Products	403	42 Progress Avenue	West Springfield, MA
Superior Carriers, Inc.	Transportation Equip. Cleaning	442	85-121 Shaw's Lane	Springfield, MA
Superior Rug Cleaning Company	Laundry	403	6 Progress Avenue	Springfield, MA
UniFirst Corp./UniTech	Industrial Laundry	403	295 Parker Street	Indian Orchard, MA
Utility Manufacturing Co.	Copper Forming	468	2443 Boston Road	Wilbraham, MA
Valentine Plating Co., Inc.	Electroplating	413	155 Allston Avenue	West Springfield, MA
Valley Plating Inc.	Electroplating	413	412 Albany Street	Springfield, MA
WestRock CP, LLC	Corrugated Container Manufacturer	403	320 Parker Street	Springfield, MA

SECTION 3

INSPECTION AND SAMPLING PROGRAM

INSPECTION AND SAMPLING PROGRAM

In order to evaluate IU compliance with the pretreatment regulations in the service area in 2020, the IPP conducted 223 inspections.
Of those inspections:

1) 163 were at categorical SIUs;
2) 56 were at noncategorical SIUs;
3) 3 were at RSUs and remediation sites;
4) 1 was at a Municipal Related Work site.

The inspections were classified as either audit, compliance monitoring, or demand monitoring inspections. The IPP conducted 53 audits in 2020.
Of those audits:

1) 29 were conducted at categorical SIUs;
2) 24 were conducted at noncategorical SIUs.

The IPP conducted 170 compliance monitoring inspections in 2020.
Of those compliance monitoring inspections:

1) 134 were conducted at categorical SIU's;:
2) 33 were conducted at noncategorical SIUs;
3) 2 were conducted at RSUs and remediation sites;
4) 1 was at a Municipal Related Work.

The IPP did not conduct any demand monitoring inspections in 2020.

Table 3 lists the inspection and sampling schedule.

The purpose of the audit inspection (AUD) was to collect and confirm information concerning an IU and its regulated processes, and to evaluate the IU's compliance with the applicable industrial pretreatment standards and regulations. The IPP was primarily concerned with identifying the wastewater pollutant pathways through the IU, evaluating the effectiveness of the wastewater pretreatment and/or monitoring system and verifying the residue disposal associated with the removal of wastewater pollutants.

The compliance monitoring inspection (CMI) was designed to check on a permitted IU's compliance with pretreatment regulations. The purpose of the CMI was to check the IU's effluent quality, review laboratory data and check associated operation and maintenance logs. The IPP notified IUs of deficiencies discovered during the CMI with either a deficiency letter or an enforcement action.

The demand monitoring inspection (DMI) was initiated whenever the IPP required information concerning a health, safety, pretreatment or water quality emergency. The DMI was conducted to determine whether an industrial wastewater discharge was in violation of the pretreatment regulations. The format of the DMI varied according to the site specific circumstances.

TABLE 3

SPRINGFIELD WATER SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTION AND SAMPLING LIST

Inspection Date	Industry Name	Inspection Type	Sample Collected	Industry Category	Industry Classification
02-Jan-20	H.P. Hood, Inc.	CMI	Yes	405	Dairy
03-Jan-20	H.P. Hood, Inc.	CMI	Yes	414	OCPSF
06-Jan-20	Falvey Linen Supply, Inc.	CMI	Yes	403	Laundry
07-Jan-20	Falvey Linen Supply, Inc.	CMI	Yes	404	Laundry
08-Jan-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
08-Jan-20	Solutia	Scheduled CMI	Yes	414	OCPSF
09-Jan-20	Agri-Mark, Inc.	CMI	Yes	405	Dairy
10-Jan-20	Agri-Mark, Inc.	CMI	Yes	405	Dairy
13-Jan-20	Poly-Metal Finishing, Inc.	CMI	Yes	413	Electroplating
14-Jan-20	Poly-Metal Finishing, Inc.	CMI	Yes	413	Electroplating
15-Jan-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
15-Jan-20	Solutia	Scheduled CMI	Yes	414	OCPSF
16-Jan-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
17-Jan-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
21-Jan-20	Essential Power Massahcusetts LLC	Audit	No	423	Steam Electric
22-Jan-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
22-Jan-20	Solutia	Scheduled CMI	Yes	414	OCPSF
23-Jan-20	H.P. Hood, Inc.	Audit	No	405	Dairy
28-Jan-20	Friendly Ice Cream Corporation	Audit	No	405	Dairy
28-Jan-20	QG Printing 11 Corporation	Audit	No	403	Printing
29-Jan-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
29-Jan-20	Solutia	Scheduled CMI	Yes	414	OCPSF
30-Jan-20	Luster-On Products, Inc.	Audit	No	413	Electroplating
30-Jan-20	Luster-On Products, Inc. (002)	Audit	No	403	Chemical Blending
30-Jan-20	Luster-On Products, Inc.	Scheduled CMI	Yes	413	Electroplating
30-Jan-20	Luster-On Products, Inc. (002)	Scheduled CMI	Yes	403	Chemical Blending
31-Jan-20	Massachusetts Municipal Wholesale Electric	Audit	No	423	Steam Electric
04-Feb-20	OMG, Inc.	Audit	No	433	Metal Finishing
05-Feb-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
05-Feb-20	Solutia	Scheduled CMI	Yes	414	OCPSF
06-Feb-20	Utility Manufacturing Company	Audit	No	468	Copper Forming
07-Feb-20	Alden Medical LLC	Audit	No	403	Chemical Blending
11-Feb-20	Unifirst Corporation	Audit	No	403	Laundry
11-Feb-20	UniTech	Audit	No	403	Laundry
12-Feb-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
12-Feb-20	Solutia	Scheduled CMI	Yes	414	OCPSF
13-Feb-20	Solutia	Audit	No	414	OCPSF
14-Feb-20	ApMAR USA , Inc.	Audit	No	413	Electroplating
18-Feb-20	Excel Dryer, Inc.	Audit	No	433	Metal Finishing
19-Feb-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
19-Feb-20	Solutia	Scheduled CMI	Yes	414	OCPSF
20-Feb-20	Valley Plating Inc.	Audit	No	413	Electroplating
24-Feb-20	Smith & Wesson (Main & Pollution Control)	Audit	No	433	Metal Finishing
25-Feb-20	Fountain Plating Company, Inc.	Audit	No	413	Electroplating
26-Feb-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
26-Feb-20	Solutia	Scheduled CMI	Yes	414	OCPSF
27-Feb-20	Astro Chemicals, Inc.	Audit	No	403	Chemical Processing
27-Feb-20	Astro Chemicals, Inc.(Memorial Drive)	Audit	No	403	Chemical Processing
28-Feb-20	Litron, Inc.	Audit	No	433	Metal Finishing
02-Mar-20	Sheraton Springfield Hotel	CMI	Yes	403	Laundry
03-Mar-20	Falvey Linen Supply, Inc.	Audit	Yes	403	Laundry

TABLE 3

SPRINGFIELD WATER SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTION AND SAMPLING LIST

Inspection Date	Industry Name	Inspection Type	Sample Collected	Industry Category	Industry Classification
04-Mar-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
04-Mar-20	Solutia	Scheduled CMI	Yes	414	OCPSF
05-Mar-20	Valentine Plating Company, Inc.	Audit	No	413	Electroplating
06-Mar-20	City of Springfield - Bondis Island Landfill	Audit	No	403	Landfill Leachate
09-Mar-20	L & J Linen	CMI	Yes	403	Laundry
10-Mar-20	Poly-Metal Finishing, Inc.	Audit	No	413	Electroplating
11-Mar-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
11-Mar-20	Solutia	Scheduled CMI	Yes	414	OCPSF
12-Mar-20	Service Matters LLC	Audit	No	403	Laundry
13-Mar-20	James Austin Company	Audit	No	403	Chemical Blending
03-Jun-20	Hampden Fence Supply, Inc.	Audit	No	420	Iron & Steel Manufacturing
03-Jun-20	Hampden Fence Supply, Inc.	CMI	Yes	420	Iron & Steel Manufacturing
04-Jun-20	Hampden Fence Supply, Inc.	CMI	Yes	420	Iron & Steel Manufacturing
05-Jun-20	Sheraton Springfield Hotel	Audit	No	403	Laundry
05-Jun-20	Sheraton Springfield Hotel	CMI	Yes	403	Laundry
08-Jun-20	Superior Rug Company	Audit	No	403	Laundry
08-Jun-20	Superior Rug Company	CMI	Yes	403	Laundry
10-Jun-20	Mount Tom Box Company Inc.	Audit	No	403	Box Carton Manufacturing
10-Jun-20	Sullivan Paper Company Inc.	Audit	No	403	Paper Products
10-Jun-20	Sullivan Paper Company Inc.	CMI	Yes	403	Paper Products
11-Jun-20	Smithfield Foods, VA (Carando)	Audit	No	403	Meat Products
11-Jun-20	Smithfield Foods, VA (Carando)	CMI	Yes	403	Meat Products
12-Jun-20	Smithfield Foods, VA (Carando)	CMI	Yes	403	Meat Products
15-Jun-20	Agri-Mark, Inc.	Audit	No	405	Dairy
15-Jun-20	Agri-Mark, Inc.	CMI	Yes	405	Dairy
16-Jun-20	Agri-Mark, Inc.	CMI	Yes	405	Dairy
17-Jun-20	Suddekor LLC (Agawam)	Audit	No	403	Laminant Flooring
17-Jun-20	Suddekor LLC (Agawam)	CMI	Yes	403	Laminant Flooring
18-Jun-20	Irwin Industrial Tools dba Lenox Tools (Main Plant - ASM)	Audit	No	420	Iron & Steel Manufacturing (Saw)
18-Jun-20	Irwin Industrial Tools dba Lenox Tools (IIT)	Audit	No	420	Iron & Steel Manufacturing (Saw)
18-Jun-20	Irwin Industrial Tools dba Lenox Tools (Main Plant - ASM)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
18-Jun-20	Irwin Industrial Tools dba Lenox Tools (IIT)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
19-Jun-20	Irwin Industrial Tools dba Lenox Tools (Main Plant - ASM)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
19-Jun-20	Irwin Industrial Tools dba Lenox Tools (IIT)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
22-Jun-20	Superior Carriers, Inc. (Milestone)	Audit	No	442	Transportation Equipment Cleaning
22-Jun-20	Superior Carriers, Inc. (Milestone)	CMI	Yes	442	Transportation Equipment Cleaning
23-Jun-20	Superior Carriers, Inc. (Milestone)	CMI	Yes	442	Transportation Equipment Cleaning
23-Jun-20	Mount Tom Box Company Inc.	Scheduled CMI	Yes	403	Box Carton Manufacturing
25-Jun-20	MASSPOWER	Audit	No	423	Steam Electric
25-Jun-20	MASSPOWER	CMI	Yes	423	Steam Electric
26-Jun-20	MASSPOWER	CMI	Yes	423	Steam Electric
29-Jun-20	Belmont Laundry, Inc.	Audit	No	403	Laundry
29-Jun-20	Belmont Laundry, Inc.	CMI	Yes	403	Laundry
30-Jun-20	Belmont Laundry, Inc.	CMI	Yes	403	Laundry
01-Jul-20	Friendly Ice Cream Corporation	CMI	Yes	405	Dairy
02-Jul-20	Friendly Ice Cream Corporation	CMI	Yes	405	Dairy
02-Jul-20	Friendly Ice Cream Corporation	Audit	No	405	Dairy
07-Jul-20	Berkshire Power	Audit	No	423	Steam Electric
07-Jul-20	Berkshire Power	CMI	Yes	423	Steam Electric
08-Jul-20	Berkshire Power	CMI	Yes	423	Steam Electric
09-Jul-20	L & J Linen	Audit	No	403	Laundry

TABLE 3

SPRINGFIELD WATER SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTION AND SAMPLING LIST

Inspection Date	Industry Name	Inspection Type	Sample Collected	Industry Category	Industry Classification
09-Jul-20	L & J Linen	CMI	Yes	403	Laundry
10-Jul-20	Doncasters Inc. (Storms Forge - Zyglo)	Audit	No	471	Nonferrous Metals
10-Jul-20	Doncasters Inc. (Storms Forge - Zyglo)	Scheduled CMI	Yes	471	Nonferrous Metals
13-Jul-20	Arclin Surfaces - East Longmeadow Company (Former Suddekor)	Audit	No	403	Laminant Flooring
13-Jul-20	Arclin Surfaces - East Longmeadow Company (Former Suddekor)	Scheduled CMI	Yes	403	Laminant Flooring
14-Jul-20	WestRock CP, LLC	Audit	No	403	Corrugated Container Manufacturer
14-Jul-20	WestRock CP, LLC	CMI	Yes	403	Corrugated Container Manufacturer
14-Jul-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
15-Jul-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
15-Jul-20	Chemi-Graphic Inc.	Audit	No	433	Metal Finishing
16-Jul-20	Community Eco Springfield LLC (Former Covanta Springfield)	Audit	No	423	Steam Electric
16-Jul-20	Community Eco Springfield LLC (Former Covanta Springfield)	CMI	Yes	423	Steam Electric
17-Jul-20	Community Eco Springfield LLC (Former Covanta Springfield)	CMI	Yes	423	Steam Electric
20-Jul-20	Service Matters LLC	CMI	Yes	403	Laundry
21-Jul-20	Oerlikon Balzers	Audit	No	403	Metal Working
21-Jul-20	Oerlikon Balzers	CMI	Yes	403	Metal Working
22-Jul-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
22-Jul-20	Solutia	Scheduled CMI	Yes	414	OCPSF
23-Jul-20	Valley Plating Inc.	CMI	Yes	413	Electroplating
24-Jul-20	Valley Plating Inc.	CMI	Yes	413	Electroplating
27-Jul-20	Fountain Plating Company, Inc.	CMI	Yes	413	Electroplating
28-Jul-20	Fountain Plating Company, Inc.	CMI	Yes	413	Electroplating
29-Jul-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
29-Jul-20	Solutia	Scheduled CMI	Yes	414	OCPSF
30-Jul-20	James Austin Company	Audit	No	403	Chemical Blending
30-Jul-20	James Austin Company	CMI	Yes	403	Chemical Blending
31-Jul-20	James Austin Company	CMI	Yes	403	Chemical Blending
11-Aug-20	Utility Manufacturing Company	Audit	No	468	Copper Forming
11-Aug-20	Utility Manufacturing Company	CMI	Yes	468	Copper Forming
12-Aug-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
12-Aug-20	Solutia	Scheduled CMI	Yes	414	OCPSF
13-Aug-20	New England Uniform	CMI	Yes	403	Laundry
14-Aug-20	New England Uniform	CMI	Yes	403	Laundry
17-Aug-20	OMG, Inc.	CMI	Yes	433	Metal Finishing
18-Aug-20	OMG, Inc.	CMI	Yes	433	Metal Finishing
19-Aug-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
19-Aug-20	Solutia	Scheduled CMI	Yes	414	OCPSF
20-Aug-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
21-Aug-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
26-Aug-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Dairy
26-Aug-20	Solutia	Scheduled CMI	Yes	414	OCPSF
27-Aug-20	ApMAR USA , Inc.	CMI	Yes	413	Electroplating
28-Aug-20	ApMAR USA , Inc.	CMI	Yes	413	Electroplating
01-Sep-20	Litron, Inc.	CMI	Yes	433	Metal Finishing
02-Sep-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
02-Sep-20	Solutia	Scheduled CMI	Yes	414	OCPSF
03-Sep-20	Astro Chemicals, Inc.(Memorial Drive)	Scheduled CMI	Yes	403	Chemical Blending
08-Sep-20	Astro Chemicals, Inc.(Shaw's Lane)	Scheduled CMI	Yes	403	Chemical Blending
09-Sep-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
09-Sep-20	Solutia	Scheduled CMI	Yes	414	OCPSF
09-Sep-20	TDP #80177 - City of Springfield New Brightwood Lincoln School	Scheduled CMI	Yes	300	Groundwater

TABLE 3

SPRINGFIELD WATER SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTION AND SAMPLING LIST

Inspection Date	Industry Name	Inspection Type	Sample Collected	Industry Category	Industry Classification
10-Sep-20	Smith & Wesson (Main Plant Outfall)	CMI	Yes	433	Metal Finishing
10-Sep-20	Smith & Wesson (Pollution Control Outfall)	CMI	Yes	433	Metal Finishing
11-Sep-20	Smith & Wesson (Main Plant Outfall)	CMI	Yes	433	Metal Finishing
11-Sep-20	Smith & Wesson (Pollution Control Outfall)	CMI	Yes	433	Metal Finishing
15-Sep-20	QG Printing 11 Corporation	CMI	Yes	403	Printing
16-Sep-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
16-Sep-20	Solutia	Scheduled CMI	Yes	414	OCPSF
17-Sep-20	Smith & Wesson (Main Plant Outfall)	CMI	Yes	433	Metal Finishing
17-Sep-20	Smith & Wesson (Pollution Control Outfall)	CMI	Yes	433	Metal Finishing
18-Sep-20	Smith & Wesson (Main Plant Outfall)	CMI	Yes	433	Metal Finishing
18-Sep-20	Smith & Wesson (Pollution Control Outfall)	CMI	Yes	433	Metal Finishing
21-Sep-20	Industrial Etching, Inc.	Audit	No	433	Metal Finishing
21-Sep-20	Industrial Etching, Inc.	Scheduled CMI	Yes	433	Metal Finishing
23-Sep-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
23-Sep-20	Solutia	Scheduled CMI	Yes	414	OCPSF
23-Sep-20	Excel Dryer, Inc.	CMI	Yes	433	Metal Finishing
24-Sep-20	Excel Dryer, Inc.	CMI	Yes	433	Metal Finishing
24-Sep-20	Superior Carriers, Inc.	CMI	Yes	442	Transportation Equipment Cleaning
25-Sep-20	Superior Carriers, Inc.	CMI	Yes	442	Transportation Equipment Cleaning
01-Oct-20	Smith & Wesson (Main Plant Outfall)	CMI	Yes	433	Metal Finishing
01-Oct-20	Smith & Wesson (Pollution Control Outfall)	CMI	Yes	433	Metal Finishing
02-Oct-20	Smith & Wesson (Main Plant Outfall)	CMI	Yes	433	Metal Finishing
02-Oct-20	Smith & Wesson (Pollution Control Outfall)	CMI	Yes	433	Metal Finishing
13-Oct-20	TDP #80175 - Northstar Pulp & Paper	CMI	Yes	300	Groundwater
14-Oct-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
14-Oct-20	Solutia	Scheduled CMI	Yes	414	OCPSF
15-Oct-20	Valentine Plating Company, Inc.	CMI	Yes	413	Electroplating
16-Oct-20	Valentine Plating Company, Inc.	CMI	Yes	413	Electroplating
19-Oct-20	Utility Manufacturing Company	CMI	Yes	468	Copper Forming
20-Oct-20	Utility Manufacturing Company	CMI	Yes	468	Copper Forming
21-Oct-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
21-Oct-20	Solutia	Scheduled CMI	Yes	414	OCPSF
22-Oct-20	New England Uniform	Audit	No	403	Laundry
22-Oct-20	City of Springfield - Bondis Island Landfill	CMI	Yes	403	Landfill Leachate
23-Oct-20	City of Springfield - Bondis Island Landfill	CMI	Yes	403	Landfill Leachate
27-Oct-20	Essential Power Massachusetts LLC	CMI	Yes	423	Steam Electric
28-Oct-20	Essential Power Massachusetts LLC	CMI	Yes	423	Steam Electric
28-Oct-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
28-Oct-20	Solutia	Scheduled CMI	Yes	414	OCPSF
28-Oct-20	Utility Manufacturing Company	CMI	Yes	468	Copper Forming
29-Oct-20	Utility Manufacturing Company	CMI	Yes	468	Copper Forming
04-Nov-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
04-Nov-20	Solutia	Scheduled CMI	Yes	414	OCPSF
05-Nov-20	Unifirst Corporation / UniTech	CMI	Yes	403	Laundry
05-Nov-20	Unifirst Corporation / UniTech	CMI	Yes	403	Laundry
06-Nov-20	Unifirst Corporation / UniTech	CMI	Yes	403	Laundry
09-Nov-20	Alden Medical LLC	Scheduled CMI	Yes	403	Chemical Blending
18-Nov-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
18-Nov-20	Solutia	Scheduled CMI	Yes	414	OCPSF
19-Nov-20	Solutia	CMI	Yes	414	OCPSF
20-Nov-20	Solutia	CMI	Yes	414	OCPSF

TABLE 3

SPRINGFIELD WATER SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTION AND SAMPLING LIST

Inspection Date	Industry Name	Inspection Type	Sample Collected	Industry Category	Industry Classification
20-Nov-20	Unifirst Corporation / UniTech (Radiation Samples Only)	CMI	Yes	403	Laundry
01-Dec-20	TDP #80156 - MASSPOWER	CMI	No	300	Resin Regeneration
02-Dec-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
02-Dec-20	Solutia	Scheduled CMI	Yes	414	OCPSF
02-Dec-20	Chemi-Graphic Inc.	CMI	Yes	433	Metal Finishing
03-Dec-20	Chemi-Graphic Inc.	CMI	Yes	434	Metal Finishing
07-Dec-20	Massachusetts Municipal Wholesale Electric	CMI	Yes	423	Steam Electric
08-Dec-20	Massachusetts Municipal Wholesale Electric	CMI	Yes	423	Steam Electric
09-Dec-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
09-Dec-20	Solutia	Scheduled CMI	Yes	414	OCPSF
14-Dec-20	Irwin Industrial Tools dba Lenox Tools (Main Plant - ASM)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
15-Dec-20	Irwin Industrial Tools dba Lenox Tools (Main Plant - ASM)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
16-Dec-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
16-Dec-20	Solutia	Scheduled CMI	Yes	414	OCPSF
16-Dec-20	Town of West Springfield Pumping Station	DMI	Yes	200	Pumping Station
21-Dec-20	Irwin Industrial Tools dba Lenox Tools (IIT)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
22-Dec-20	Irwin Industrial Tools dba Lenox Tools (IIT)	CMI	Yes	420	Iron & Steel Manufacturing (Saw)
23-Dec-20	Friendly Ice Cream Corporation	Scheduled CMI	Yes	405	Laundry
23-Dec-20	Solutia	Scheduled CMI	Yes	414	OCPSF

SECTION 4

ENFORCEMENT

ENFORCEMENT

The IPP developed an Enforcement Response Plan (ERP) in accordance with 40 CFR 403.8(f)(5) and submitted it to the EPA in September 1991. The ERP was approved by the EPA the following year and has been used by the IPP as the primary reference in determining the appropriate response to pretreatment noncompliance. The ERP incorporated the IPP's existing three tier enforcement mechanism, which consisted of the Notice of Violation (NOV), the Notice of Noncompliance (NON), and the Notice of a Significant Noncompliance (SNC). The ERP progressively escalates the enforcement level until the facility either achieves compliance or enters SNC. A facility classified in SNC could be penalized with sewer service termination, civil, and/or criminal suits.

The IPP issued fourteen enforcement notices to SIUs for violations that occurred during 2020. Of those seven enforcement notices, there were six Notices of Violation and one Notice of Noncompliance. The IPP also had one SIU discharge with an approved compliance schedules during 2020. An SIU with an IPP approved compliance schedule could be held in its current enforcement level until the schedule was completed or the SIU defaulted.

Tables included in Section 4.

1) Table 4A lists the enforcement summary for 2020.

2) Table 4B lists the SIUs with IPP approved compliance schedules in 2020.

TABLE 4A

SPRINGFIELD WATER AND SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

ENFORCEMENT HISTORY

Enforcement Action	Facility Name	PERIOD OF CONCERN		Date Issued	Points of Concern	Response:
		From	To			
NOV	AGRI-MARK, INC.	01-Jan-20	31-Mar-20	10-Jun-20	Violated the FOG restriction 27% of the time during the period January 2020 through March 2020. Violated the FOG with a result of 191 mg/L during an in spection on January 9, 2020.	Temporary process operator errors.
NON	FALVEY LINEN SUPPLY, INC.	01-Oct-19	31-Dec-19	02-Sep-20	Failed to compliance schedule milestones.	Compliance Schedule submitted to install pretreatment equipment.
NOV	FRIENDLY ICE CREAM CORP.	01-Jan-20	31-Mar-20	10-Jun-20	Violated the FOG restriction 31% of the time during the period January 2020 through March 2020. Vioalted the FOG restriction during the following inspections: Janaury 8, 2020 Inspection -114 mg/L, February 5, 2020 Inspection - 183 mg/L, February 19, 2020 Inspection - 186 mg/L, and February 26, 2020 Inspection 114 mg/L.	Back in compliance.
NOV	H.P. HOOD, INC.	01-Jul-20	30-Sep-20	17-Nov-20	Violated the pH maximum limitation 27% of the time and the pH minimum limitation 11% of the time during the aforementioned time period.	Trouble with their PLC in their wastewater building.
NOV	POLY-METAL FINISHING, INC.	01-Oct-20	31-Dec-20	24-Feb-21	Violated the categorical daily maximum limit for nickelwith a value of 110 mg/L during the month of October 2020. Failed to verbally report nickel violation. Chain of Custody form indicated grab samples for BOD, TSS and metals.	
NOV	SMITH & WESSON CO. (MPO)	01-Jul-20	30-Sep-20	12-Nov-20	Violated the local limit for total nickel with a value of 1.22 mg/L and 1.07 mg/L during inspections on September 11, 2020 and September 18, 2020, respectively. Violated the daily maximum limitation for nickel 50% of the time for the period April 2020 through September 2020.	Smith & Wesson is evaluating the exceedance. Further sampling has been in compliance.
NOV	UTILITY MANUFACTURING COMPANY	01-Jul-20	31-Dec-20	24-Feb-21	Vioalted the local limit for total zinc with a result of 7.19 mg/L during an inspection on October 20, 2020. Violated the TRC for the period July 2020 through December 2020. Violated the daily maximum limitation for total copper 20% of the time. The Octobet 20, 2020 sample calculated to 9.206 mg/off-kg. Violated the monthly average limitation for total copper 25% of the time. The October average calculated to 5.745 mg/off-kg. Violated the daily maximum limitation for total zinc 20% of the time. Violated the TRC 20% of the time for the period July 2020 through December 2020. The October 20 sample calculated to 18.24 mg/off-kg. Violated the monthly average limitation for total zinc 25% of the time. Violated the TRC 25% of the time for the period July 2020 through December 2020. The October sample calculated to 9.505 mg/off-kg.	

TABLE 4B

SPRINGFIELD WATER AND SEWER COMMISSION

INDUSTRIAL PRETREATMENT PROGRAM

COMPLIANCE SCHEDULE HISTORY

Facility Name	PERIOD OF CONCERN		Date Issued	Points of Concern
	From	To		
FALVEY LINEN SUPPLY, INC.	25-Jun-20	08-Jan-21	02-Oct-20	Installation of pretreatment system. Installation of pretreatment equipment delayed because of equipment from overseas arrival is being extended. Pandemic extended arrival of equipment.

SECTION 5

POTW PERFORMANCE

POTW PERFORMANCE

The Springfield Water and Sewer Commission's Publicly Owned Treatment Works (POTW) is a regional, activated sludge treatment plant located in Agawam, Massachusetts. The POTW processes wastewater from eight municipalities, has an average daily flow design capacity of 67 million gallons per day (mgd) and a peak daily flow design capacity of 180 mgd. During 2020 the POTW received an average daily influent flow of 37.0 mgd.

Treatment of the wastewater from the service areas combined and sanitary sewer systems consists of bar racks, grit removal, primary settling, fine bubble aeration, final settling, chlorination and de-chlorination. The plant's effluent is discharged to the Connecticut River. Solids collected from the treatment system are thickened, centrifuged then trucked off site for disposal or beneficial reuse. Domestic septage is delivered by commercial haulers to the septage receiving facility located at the Indian Orchard Pumping Station.

The POTW's processes were monitored continuously using both automatic composite sampling and manual grab sampling. Samples were analyzed daily in the POTW's laboratory for process control and NPDES parameters. Composite samples were collected four (4) times per year for whole effluent toxicity (WET) testing. The POTW passed all the WET tests in 2020.

Tables 5A and 5B summarizes the current metals data.
Appendix I contains copies of the POTW's monthly discharge monitoring reports.
Appendix II contains copies of the toxicity test summary sheets.
Appendix III contains centrifuge cake data.

In accordance with EPA requirements, the IPP contracted a consultant in 1991 to develop local limits for industrial wastewater discharges. The consultant evaluated the service area to identify point source pollutants that could be controlled through local limits. The project was submitted to the EPA as a substantial modification of the pretreatment program in June 1993. EPA's comments on the draft submission were received in March 1994 and the report was resubmitted to the EPA in August 1994 for final approval.

In December 1996, the EPA stated that the methodology the POTW used to derive local limits was adequate, however the EPA and the POTW agreed that more recent data must be used in the calculations. Due to process upgrades at the POTW, involving major modifications to the secondary treatment system, and the perception of a shifting industry base, the EPA and the POTW decided that the 1996 data should be used to develop the local limits calculations. EPA granted final approval of local limits in an April 26, 2001 letter and the Commission approved these local limits on June 13, 2001 and incorporated these local limits into the Springfield Water and Sewer Commission Rules and Regulations.

TABLE 5A

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
2020 EFFLUENT DATA VERSUS WATER QUALITY STANDARDS

TOTAL METALS

Metal Limits (mg/L)	POTW Effluent Oct. 2020 (mg/L)	Reporting Limit (mg/L)	National Recommended Water Quality Criteria (mg/L)	Dilution Factor 01-Jan-00 WQC X 20
ARSENIC	ND	0.0100	0.034	1
CADMIUM	ND	0.0040	0	0
CHROMIUM	ND	0.0100	0.57	11
COPPER	ND	0.0100	0.013	0
LEAD	ND	0.0100	0.065	1
NICKEL	ND	0.0100	0.47	9
SILVER	ND	0.0100	0	0
ZINC	0.053	0.0100	0.12	2
MERCURY	ND	0.0001	0	0
CYANIDE	ND	0.0100	0.022	0

NOTE: ND - Non-Detect

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Springfield, MA
Date Received: 10/29/2020
Field Sample #: 3121
Sample ID: 20J1678-04
Sample Matrix: Water

Sample Description: Effluent
Start Date/Time: 10/27/2020 6:27:00AM
Stop Date/Time: 10/28/2020 6:39:00AM

Work Order: 20J1678

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Cadmium	ND	0.0040	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Chromium	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Copper	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Lead	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Mercury	ND	0.00010	mg/L	1		EPA 245.1	11/2/20	11/3/20 11:19	CJV
Molybdenum	ND	0.050	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Nickel	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Selenium	ND	0.050	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Silver	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Zinc	0.053	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW
Boron	0.16	0.10	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:31	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Springfield, MA
Date Received: 10/29/2020
Field Sample #: 3122
Sample ID: 20J1678-05
Sample Matrix: Water

Sample Description: Effluent
Start Date/Time: 10/27/2020 6:27:00AM
Stop Date/Time: 10/28/2020 6:39:00AM

Work Order: 20J1678

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	11/3/20	11/3/20 17:00	DJM

TABLE 5B

SPRINGFIELD WATER AND SEWER COMMISSION
INDUSTRIAL PRETREATMENT PROGRAM
2020 INFLUENT DATA VERSUS THRESHOLD INHIBITORY CONCENTRATIONS

TOTAL METALS

Metal Limits (mg/L)	POTW Influent Oct. 2020 (mg/L)	Reporting Limit (mg/L)	Reported Range of Inhibition Threhold Level* (mg/L)	
ARSENIC	ND	0.0100	0	1
CADMIUM	ND	0.0040	1-10	1
CHROMIUM	ND	0.0100	1-100	1
COPPER	0.0520	0.0100	1	1
LEAD	ND	0.0100	10-100	1
NICKEL	ND	0.0100	5	1
SILVER	ND	0.0100	0.25-5	
ZINC	0.1100	0.0100	5-10	1
MERCURY	ND	0.00010	0.1-1	1
CYANIDE	ND	0.0100	5	

NOTE:

* Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program.

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Springfield, MA
Sample Description:
Work Order: 20J1678

Date Received: 10/29/2020
Field Sample #: 3118
Sample ID: 20J1678-01
Start Date/Time: 10/27/2020 6:08:00AM
Sample Matrix: Water
Stop Date/Time: 10/28/2020 6:22:00AM

Influent

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Cadmium	ND	0.0040	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Chromium	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Copper	0.052	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Lead	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Mercury	ND	0.00010	mg/L	1		EPA 245.1	11/2/20	11/3/20 11:18	CJV
Molybdenum	ND	0.050	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Nickel	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Selenium	ND	0.050	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Silver	ND	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Zinc	0.11	0.010	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW
Boron	0.16	0.10	mg/L	1		EPA 200.7	11/2/20	11/3/20 13:24	QNW

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Springfield, MA
Sample Description:
Work Order: 20J1678

Date Received: 10/29/2020

Field Sample #: 3119

Influent

Sample ID: 20J1678-02
Start Date/Time: 10/27/2020 6:08:00AM

Sample Matrix: Water
Stop Date/Time: 10/28/2020 6:22:00AM

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	11/3/20	11/3/20 17:00	DJM

SECTION 6

PROGRAM BUDGET

PROGRAM BUDGET

The IPP is financed through a special reserve fund that is supported through wastewater discharge permit fees. Costs associated with the operation of the IPP are recovered from the permitted facilities on a proportional share basis.

The IPP budget expenditure:

FY 2020 - $294,901

FY 2019 - $300,817

Decrease of $5,916.

SECTION 7

PROGRAM EFFECTIVENESS

PROGRAM EFFECTIVENESS

Program Inspectors must have strong analytical skills and wastewater treatment knowledge to maintain effectiveness. The basic knowledge and skill levels required of inspectors were documented by the EPA in pretreatment guidance manuals, published between 1986 and 1994. The IPP actively and aggressively enforced the pretreatment regulations in 2020. The program inspected all 48 SIUs. Of the 223 inspections conducted by the IPP, 98% were conducted at the 48 SIUs. Seven of the 48 SIUs either received a Notice of Violation or Notice of Noncompliance in 2020. The SWSC is committed to continue its present level of support to the IPP through adequate funding and continued training of IPP staff. All Program Inspectors have also been certified and trained in cross connection control and water distribution operation. At a minimum the Program Inspectors are also required to pass a Grade 2 Wastewater Operators exam.

During 2020, the Springfield Water and Sewer Commission solely used LINKO CTS a compliance tracking software from LINKO Technology Inc. to manage the IPP Program.

SECTION 8

APPENDICIES

SPRINGFIELD REGIONAL WASTEWATER TREATMENT FACILITY

TOXICITY TESTS SUMMARY SHEETS

APPENDIX I

SUEZ WATER ENVIRONMENTAL SERVICES, INC.
SPRINGFIELD WASTEWATER TREATMENT PLANT
AQUATIC TOXICITY REPORT
1st QUARTER 2020

Date Prepared: March 12, 2020

Prepared for: SUEZ Environmental Services, Inc.
Mr. John Colburn, Chemist
190 M Street Ext.
Agawam, MA 01001

Prepared by: ENVIRONMENTAL MONITORING LABORATORY, INC
59 N Plains Industrial Road
Wallingford, CT 06492
203.284.0555
203.284.0527 fax
lucy@emlincusa.com

Table 2.

EML Test Conditions for Daphnia
Definitive 48 Hour Acute Static (LC50)

	Ceriodaphnia Dubia
Temperature (°C)	25 +/- 1
Lighting	Ambient lab fluorescent
Photoperiod	16 hr light, 8 hr dark
Size of Test Chamber	30 mL
Volume of Test Solution	25 mL
Age of Test Organisms	<24 hrs (neonate)
No. Organisms per chamber	5
No. Replicate Chambers per Dilution	4
Total No. Organisms per	20
Feeding Regime	None
Aeration	None
Dilution water	Receiving water
Test Duration	48 hrs
Effect Measured	Mortality

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555
FAX (203) 284-2064

TOXICITY TEST SUMMARY SHEET

Facility Name: SUEZ Environmental Svcs, Inc.- Springfield WWTF Test Start Date: 03/04/20
NPDES Permit Number: MA010613 Outfall Number: _____

Test Type	Test Species	Sample Type	Sample Method
X Acute	___Fathead Minnow	___Prechlorinated	___Grab
___Chronic	X Ceriodaphnia dubia	___Dechlorinated	X Composite
___Modified (Chronic reporting LC50 values)	___Daphnia Pulex	___Unchlorinated	___Flow-thru
	___Mysid Shrimp	___Chlorinated	___Other
	___Sheepshead	X Secondary	
	___Menidia		
	___Sea Urchin	TRC conc. nd<0.02 mg/L	
___24 Hour screening	___Champia		
	___Selenastrum		
	___Other _____		

Dilution Water

X Receiving water collected at a point immediately upstream of or away from the discharge;
(Receiving water name and sampling location: Connecticut River)
___ Alternate Surface Water of known quality and a hardness to generally reflect the characteristics of the receiving water;
(Surface water name: _____)
___ Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water;
___ Artificial sea salts mixed with deionized water;
___ Other _____

Effluent Sampling Date(s): 3/02 to 3/03/20

Effluent Concentrations Tested (in %): 6.25 12.5 25 50 100
*(Permit limit concentration): _____

Was effluent salinity adjusted? No
If yes, to what value? _____ PPT

Reference Toxicant test date: 3/04/20 Reference Toxicant Test Acceptable
Y _x_ N _____

Age and Age Range of Test Organisms <24 hours old Source of Organisms EML Culture

TEST RESULTS & PERMIT LIMITS

Test Acceptability Criteria

A. Dilution Water Control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

B. Dilution water control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

C. Lab Culture Control Y X N _____

D. Thiosulfate Control Y _____ N X

Test Variability

Test PMSD (growth) _____
Test PMSD (reproduction) _____

Permit Limits and Test Results

Limits:			Results:	
LC50	_____	LC50		70.1%
		Upper Value	NA	
		Lower Value	NA	
		Data Analysis	NA	
		Method Used	NA	
A - NOEC	_____	A-NOEC		25%
C – NOEC	_____	C-NOEC		_____
		LOEC	NA	
IC25	_____	IC25		_____
IC50	_____	IC50		_____

Reported Test Results Justification. PMSD Comparison Discussion and Concentration-Response Evaluation:

_____

Report Date..... 11-Mar-20
EML Project ID..... 200304-SPR
Description..... Quarterly Acute Toxicity
Date Sampled..... 2-Mar to 3-Mar-20
Date Submitted..... 4-Mar-20

Suez Water Environmental Services
190 M Street Ext.
Agawam, MA 01001

Attn: Mr. John Coburn

Results in mg/L unless otherwise noted.
ND = Not Detected. NP=Not Performed.

Parameter	Effluent	Diluent	Det Limit	Completed Date	Completed Time	Analyst
Alkalinity	104.4	22.07	<1	10-Mar-20	1108	SM
Aluminum	ND	0.08	<0.02	5-Mar-20	1801	AB
Ammonia as N	1.1	0.16	<0.1	5-Mar-20	1700	JC
Cadmium	ND	NP	<0.001	4-Mar-20	1338	AB
Calcium	33.71	9.38	<0.05	5-Mar-20	1801	AB
Chromium, total	ND	NP	<0.005	5-Mar-20	1801	AB
Copper	0.0081	0.0077	<0.0025	5-Mar-20	1801	AB
Hardness	99.69	29.60	<0.5	5-Mar-20	1801	AB
Lead	ND	ND	<0.005	6-Mar-20	1014	AB
Magnesium	3.77	1.50	<0.05	5-Mar-20	1801	AB
Nickel	ND	ND	<0.004	5-Mar-20	1801	AB
pH (S.U)	7.15	7.39		4-Mar-20	1146	AVM
Chlorine, Total Residual	ND	ND	<0.02	4-Mar-20	1146	AVM
Conductance, specific (umhos)	715	164	<2	4-Mar-20	1146	AVM
Total Suspended Solids	6.0	14.0	<1	5-Mar-20	1700	AB
Total Organic Carbon	15.04	6.96	<0.5	12-Mar-20	0900	MCC
Solids, Total	411.0	93.0	<1	6-Mar-20	1700	AB
Zinc	0.0631	0.0148	<0.0025	5-Mar-20	1801	AB

Tab:SPR

Technical Reviewer: _____ Title _____

Transcript Reviewer: _____ Title _____

EML, INC.
WALLINGFORD, CT
CT CERTIFICATION
PH 0509

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555

SUEZ WATER ENVIRONMENTAL SERVICES, INC.
SPRINGFIELD WASTEWATER TREATMENT PLANT
AQUATIC TOXICITY REPORT
2nd QUARTER 2020

Date Prepared: June 24, 2020

Prepared for: SUEZ Environmental Services, Inc.
Mr. John Colburn, Chemist
190 M Street Ext.
Agawam, MA 01001

Prepared by: ENVIRONMENTAL MONITORING LABORATORY, INC
59 N Plains Industrial Road
Wallingford, CT 06492
203.284.0555
203.284.0527 fax
lucy@emlincusa.com

Table 2.

EML Test Conditions for Daphnia
Definitive 48 Hour Acute Static (LC50)

	Ceriodaphnia Dubia
Temperature (°C)	25 +/- 1
Lighting	Ambient lab fluorescent
Photoperiod	16 hr light, 8 hr dark
Size of Test Chamber	30 mL
Volume of Test Solution	25 mL
Age of Test Organisms	<24 hrs (neonate)
No. Organisms per chamber	5
No. Replicate Chambers per Dilution	4
Total No. Organisms per	20
Feeding Regime	None
Aeration	None
Dilution water	Receiving water
Test Duration	48 hrs
Effect Measured	Mortality

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555
FAX (203) 284-2064

TOXICITY TEST SUMMARY SHEET

Facility Name: SUEZ Environmental Svcs, Inc.- Springfield WWTF Test Start Date: 06/10/20
NPDES Permit Number: MA010613 Outfall Number: _____

Test Type	Test Species	Sample Type	Sample Method
X Acute	___Fathead Minnow	___Prechlorinated	___Grab
___Chronic	X Ceriodaphnia dubia	___Dechlorinated	X Composite
___Modified (Chronic reporting LC50 values)	___Daphnia Pulex	___Unchlorinated	___Flow-thru
	___Mysid Shrimp	___Chlorinated	___Other
	___Sheepshead	X Secondary	
	___Menidia		
	___Sea Urchin	TRC conc. nd<0.02 mg/L	
___24 Hour screening	___Champia		
	___Selenastrum		
	___Other _____		

Dilution Water

X Receiving water collected at a point immediately upstream of or away from the discharge;
(Receiving water name and sampling location: Connecticut River)
___ Alternate Surface Water of known quality and a hardness to generally reflect the characteristics of the receiving water;
(Surface water name: _____)
___ Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water;
___ Artificial sea salts mixed with deionized water;
___ Other _____

Effluent Sampling Date(s): 06/08 to 06/08/20

Effluent Concentrations Tested (in %): 6.25 12.5 25 50 100
*(Permit limit concentration): _____

Was effluent salinity adjusted? No
If yes, to what value? _____ PPT

Reference Toxicant test date: 06/10/20 Reference Toxicant Test Acceptable
Y x N _____

Age and Age Range of Test Organisms <24 hours old Source of Organisms EML Culture

TEST RESULTS & PERMIT LIMITS

Test Acceptability Criteria

A. Dilution Water Control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

B. Dilution water control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

C. Lab Culture Control Y X N _____

D. Thiosulfate Control Y _____ N X

Test Variability

Test PMSD (growth) _____
Test PMSD (reproduction) _____

Permit Limits and Test Results

Limits:			Results:	
LC50	_____	LC50		>100%
		Upper Value	NA	
		Lower Value	NA	
		Data Analysis	NA	
		Method Used	NA	
A - NOEC	_____	A-NOEC		100%
C – NOEC	_____	C-NOEC		_____
		LOEC	NA	
IC25	_____	IC25		_____
IC50	_____	IC50		_____

Reported Test Results Justification. PMSD Comparison Discussion and Concentration-Response Evaluation:

_____

Report Date..... 24-Jun-20
EML Project ID..... 200610-SPR
Description..... Quarterly Acute Toxicity
Date Sampled..... 9-Jun-20
Date Submitted..... 10-Jun-20

Suez Water Environmental Services
190 M Street Ext.
Agawam, MA 01001

Attn: Mr. John Coburn

Results in mg/L unless otherwise noted.
ND = Not Detected. NP=Not Performed.

Parameter	Effluent	Diluent	Det Limit	Completed Date	Completed Time	Analyst
Alkalinity	46.72	24.33	<1	17-Jun-20	1133	SM
Aluminum	ND	0.03	<0.02	11-Jun-20	2001	AB
Ammonia as N	ND	ND	<0.1	23-Jun-20	1700	JC
Cadmium	ND	NP	<0.001	16-Jun-20	0920	AB
Calcium	22.98	12.02	<0.05	11-Jun-20	2001	AB
Chromium, total	ND	NP	<0.005	11-Jun-20	2001	AB
Copper	0.0106	0.0027	<0.0025	11-Jun-20	2001	AB
Hardness	74.55	38.45	<0.5	11-Jun-20	2001	AB
Lead	ND	ND	<0.005	11-Jun-20	1625	AB
Magnesium	4.17	2.05	<0.05	11-Jun-20	2001	AB
Nickel	ND	ND	<0.004	11-Jun-20	2001	AB
pH (S.U)	6.89	7.09		10-Jun-20	1150	AVM
Chlorine, Total Residual	ND	ND	<0.02	10-Jun-20	1150	AVM
Conductance, specific (umhos)	577.	162.	<2	10-Jun-20	1150	AVM
Total Suspended Solids	11.0	6.0	<1	12-Jun-20	1600	JC
Total Organic Carbon	12.1	4.8	<0.5	18-Jun-20	1500	MCC
Solids, Total	297.	54.0	<1	15-Jun-20	0900	AB
Zinc	0.0434	0.0118	<0.0025	11-Jun-20	2001	AB

Tab:SPR

Technical Reviewer: _____ Title _____

Transcript Reviewer: _____ Title _____

EML, INC.
WALLINGFORD, CT
CT CERTIFICATION
PH 0509

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555

SUEZ WATER ENVIRONMENTAL SERVICES, INC.
SPRINGFIELD WASTEWATER TREATMENT PLANT
AQUATIC TOXICITY REPORT
3rd QUARTER 2020

Date Prepared: September 30, 2020

Prepared for: SUEZ Environmental Services, Inc.
Mr. John Colburn, Chemist
190 M Street Ext.
Agawam, MA 01001

Prepared by: ENVIRONMENTAL MONITORING LABORATORY, INC
59 N Plains Industrial Road
Wallingford, CT 06492
203.284.0555
203.284.0527 fax
lucy@emlincusa.com

Table 2.

EML Test Conditions for Daphnia
Definitive 48 Hour Acute Static (LC50)

	Ceriodaphnia Dubia
Temperature (°C)	25 +/- 1
Lighting	Ambient lab fluorescent
Photoperiod	16 hr light, 8 hr dark
Size of Test Chamber	30 mL
Volume of Test Solution	25 mL
Age of Test Organisms	<24 hrs (neonate)
No. Organisms per chamber	5
No. Replicate Chambers per Dilution	4
Total No. Organisms per	20
Feeding Regime	None
Aeration	None
Dilution water	Receiving water
Test Duration	48 hrs
Effect Measured	Mortality

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555
FAX (203) 284-2064

TOXICITY TEST SUMMARY SHEET

Facility Name: SUEZ Environmental Svcs, Inc.- Springfield WWTF Test Start Date: 09/16/20
NPDES Permit Number: MA010613 Outfall Number: _____

Test Type	Test Species	Sample Type	Sample Method
X Acute	___Fathead Minnow	__Prechlorinated	___Grab
__Chronic	X Ceriodaphnia dubia	__Dechlorinated	X Composite
__Modified (Chronic reporting LC50 values)	___Daphnia Pulex	___Unchlorinated	___Flow-thru
	___Mysid Shrimp	___Chlorinated	___Other
	___Sheepshead	X Secondary	
	___Menidia		
	___Sea Urchin	TRC conc. nd<0.02 mg/L	
__24 Hour screening	___Champia		
	___Selenastrum		
	___Other_____		

Dilution Water

X Receiving water collected at a point immediately upstream of or away from the discharge;
(Receiving water name and sampling location: Connecticut River)
___ Alternate Surface Water of known quality and a hardness to generally reflect the characteristics of the receiving water;
(Surface water name: _____)
___ Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water;
___ Artificial sea salts mixed with deionized water;
___ Other _____

Effluent Sampling Date(s): 9/14 to 9/15/20

Effluent Concentrations Tested (in %): 6.25 12.5 25 50 100
*(Permit limit concentration): _____

Was effluent salinity adjusted? No
If yes, to what value? _____ PPT

Reference Toxicant test date: 9/15/20 Reference Toxicant Test Acceptable
Y _x_ N _____

Age and Age Range of Test Organisms <24 hours old Source of Organisms EML Culture

TEST RESULTS & PERMIT LIMITS

Test Acceptability Criteria

A. Dilution Water Control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

B. Dilution water control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

C. Lab Culture Control Y X N _____

D. Thiosulfate Control Y _____ N X

Test Variability

Test PMSD (growth) _____
Test PMSD (reproduction) _____

Permit Limits and Test Results

Limits:			Results:	
LC50	_____	LC50		>100%
		Upper Value	NA	
		Lower Value	NA	
		Data Analysis	NA	
		Method Used	NA	
A - NOEC	_____	A-NOEC		100%
C – NOEC	_____	C-NOEC		_____
		LOEC	NA	
IC25	_____	IC25		_____
IC50	_____	IC50		_____

Reported Test Results Justification. PMSD Comparison Discussion and Concentration-Response Evaluation:

_____

Report Date..... 28-Sep-20
EML Project ID..... 200916-SPR
Description..... Quarterly Acute Toxicity
Date Sampled..... 14-Sep to 15-Sep-20
Date Submitted..... 16-Sep-20

Suez Water Environmental Services
190 M Street Ext.
Agawam, MA 01001

Attn: Mr. John Coburn

Results in mg/L unless otherwise noted.
ND = Not Detected. NP=Not Performed.

Parameter	Effluent	Diluent	Det Limit	Completed Date	Completed Time	Analyst
Alkalinity	120.3	34.68	<1	18-Sep-20	1058	SM
Aluminum	ND	0.04	<0.02	16-Sep-20	1837	AB
Ammonia as N	0.17	0.16	<0.1	18-Sep-20	1200	JC
Cadmium	ND	NP	<0.001	17-Sep-20	1022	AB
Calcium	28.16	15.21	<0.05	16-Sep-20	1837	AB
Chromium, total	ND	NP	<0.005	16-Sep-20	1837	AB
Copper	0.0210	0.0088	<0.0025	16-Sep-20	1837	AB
Hardness	83.50	47.04	<0.5	16-Sep-20	1837	AB
Lead	ND	0.013	<0.005	17-Sep-20	1301	AB
Magnesium	3.20	2.20	<0.05	16-Sep-20	1837	AB
Nickel	0.004	ND	<0.004	16-Sep-20	1837	AB
pH (S.U)	7.38	7.47		16-Sep-20	1045	SM
Chlorine, Total Residual	ND	ND	<0.02	16-Sep-20	1045	SM
Conductance, specific (umhos)	659.	175.	<2	16-Sep-20	1045	SM
Total Suspended Solids	4.0	46.0	<1	18-Sep-20	1300	JC
Total Organic Carbon	20.3	7.7	<0.5	16-Sep-20	1515	MCC
Solids, Total	409.	119.	<1	18-Sep-20	1700	AB
Zinc	0.0736	0.0364.	<0.0025	16-Sep-20	1837	AB

Tab:SPR

Technical Reviewer: _____ Title _____

Transcript Reviewer: _____ Title _____

EML, INC.
WALLINGFORD, CT
CT CERTIFICATION
PH 0599

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555 FAX (203) 284-2064

SUEZ WATER ENVIRONMENTAL SERVICES, INC.
SPRINGFIELD WASTEWATER TREATMENT PLANT
AQUATIC TOXICITY REPORT
4th QUARTER 2020

Date Prepared: December 21, 2020

Prepared for: SUEZ Environmental Services, Inc.
Mr. John Colburn, Chemist
190 M Street Ext.
Agawam, MA 01001

Prepared by: ENVIRONMENTAL MONITORING LABORATORY, INC
59 N Plains Industrial Road
Wallingford, CT 06492
203.284.0555
203.284.0527 fax
incusa.com

Table 2.

EML Test Conditions for Daphnia
Definitive 48 Hour Acute Static (LC50)

	Ceriodaphnia Dubia
Temperature (˚C)	25 +/- 1
Lighting	Ambient lab fluorescent
Photoperiod	16 hr light, 8 hr dark
Size of Test Chamber	30 mL
Volume of Test Solution	25 mL
Age of Test Organisms	<24 hrs (neonate)
No. Organisms per chamber	5
No. Replicate Chambers per Dilution	4
Total No. Organisms per	20
Feeding Regime	None
Aeration	None
Dilution water	Receiving water
Test Duration	48 hrs
Effect Measured	Mortality

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555
FAX (203) 284-2064

TOXICITY TEST SUMMARY SHEET

Facility Name: SUEZ Environmental Svcs. Inc.- Springfield WWTF Test Start Date: 12/9/20
NPDES Permit Number: MA010613 Outfall Number:_____

Test Type	Test Species	Sample Type	Sample Method
X Acute	__Fathead Minnow	__Prechlorinated	__Grab
__Chronic	X Ceriodaphnia dubia	__Dechlorinated	X Composite
__Modified (Chronic reporting LC50 values)	__Daphnia Pulex	__Unchlorinated	__Flow-thru
	__Mysid Shrimp	__Chlorinated	__Other
__24 Hour screening	__Sheepshead	X Secondary	
	__Menidia		
	__Sea Urchin	TRC conc. nd<0.02 mg/L	
	__Champia		
	__Selenastrum		
	__Other_____		

Dilution Water

X Receiving water collected at a point immediately upstream of or away from the discharge;
(Receiving water name and sampling location: Connecticut River)
__ Alternate Surface Water of known quality and a hardness to generally reflect the characteristics of the receiving water;
(Surface water name: _____)
__ Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water;
__ Artificial sea salts mixed with deionized water;
__ Other _____

Effluent Sampling Date(s): 12/7 to 12/8/20

Effluent Concentrations Tested (in %): 6.25 12.5 25 50 100
*(Permit limit concentration): _____

Was effluent salinity adjusted? No
If yes, to what value?_____PPT

Reference Toxicant test date: 12/9/20 Reference Toxicant Test Acceptable
Y x N _____

Age and Age Range of Test Organisms <24 hours old Source of Organisms EML Culture

TEST RESULTS & PERMIT LIMITS

Test Acceptability Criteria

A. Dilution Water Control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

B. Dilution water control
Mean Control Survival: 100% Mean Control Reproduction: _____
Mean Control Weight: _____ Mean Control % Fertilization: _____

C. Lab Culture Control Y X N _____

D. Thiosulfate Control Y _____ N X

Test Variability

Test PMSD (growth) _____
Test PMSD (reproduction) _____

Permit Limits and Test Results

Limits:			Results:	
LC50	_____	LC50		>100%
		Upper Value	NA	
		Lower Value	NA	
		Data Analysis	NA	
		Method Used	NA	
A - NOEC	_____	A-NOEC		100%
C – NOEC	_____	C-NOEC		_____
		LOEC	NA	
IC25	_____	IC25		_____
IC50	_____	IC50		_____

Reported Test Results Justification. PMSD Comparison Discussion and Concentration-Response Evaluation:

Report Date..... 21-Dec-20
EML Project ID..... 201209-SPR
Description..... Quarterly Acute Toxicity
Date Sampled..... 7-Dec to 8-Dec-20
Date Submitted..... 9-Dec-20

Suez Water Environmental Services
190 M Street Ext.
Agawam, MA 01001

Attn: Mr. John Coburn

Results in mg/L unless otherwise noted.
ND = Not Detected. NP=Not Performed.

Parameter	Effluent	Diluent	Det Limit	Completed Date	Completed Time	Analyst
Alkalinity	102.8	15.99	<1	15-Dec-20	1544	SM
Aluminum	0.03	0.12	<0.02	10-Dec-20	2225	AB
Ammonia as N	ND	ND	<0.1	11-Dec-20	1400	JC
Cadmium	ND	NP	<0.001	11-Dec-20	1631	AB
Calcium	32.67	7.81	<0.05	10-Dec-20	2225	AB
Chromium, total	ND	NP	<0.005	10-Dec-20	2225	AB
Copper	0.0124	0.0145	<0.0025	10-Dec-20	2225	AB
Hardness	95.91	25.55	<0.5	10-Dec-20	2225	AB
Lead	0.005	ND	<0.005	10-Dec-20	1722	AB
Magnesium	3.48	1.47	<0.05	10-Dec-20	2225	AB
Nickel	ND	ND	<0.004	10-Dec-20	2225	AB
pH (S.U)	7.22	7.20		9-Dec-20	1040	SM
Chlorine, Total Residual	ND	ND	<0.02	9-Dec-20	1040	SM
Conductance, specific (umhos)	691	135	<2	9-Dec-20	1040	SM
Total Suspended Solids	5.0	1.0	<1	11-Dec-20	1410	JC
Total Organic Carbon	8.0	4.4	<0.5	16-Dec-20	1700	MCC
Solids, Total	410.	88.	<1	11-Dec-20	1700	AB
Zinc	0.0618	0.0183	<0.0025	10-Dec-20	2225	AB

Tab:SPR

Technical Reviewer: _____ Title _____

Transcript Reviewer: _____ Title _____

EML, INC.
WALLINGFORD, CT
CT CERTIFICATION
PH 0509

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492
TEL (203) 284-0555
FAX (203) 284-2064

Table 2.

EML Test Conditions for Daphnia
Definitive 48 Hour Acute Static (LC50)

	Ceriodaphnia Dubia
Temperature (˚C)	25 +/- 1
Lighting	Ambient lab fluorescent
Photoperiod	16 hr light, 8 hr dark
Size of Test Chamber	30 mL
Volume of Test Solution	25 mL
Age of Test Organisms	<24 hrs (neonate)
No. Organisms per chamber	5
No. Replicate Chambers per Dilution	4
Total No. Organisms per	20
Feeding Regime	None
Aeration	None
Dilution water	Receiving water
Test Duration	48 hrs
Effect Measured	Mortality

ENVIRONMENTAL MONITORING LABORATORY, INC.

59 N. PLAINS INDUSTRIAL PARK WALLINGFORD, CONNECTICUT 06492 TEL (203) 284-0555
FAX (203) 284-2064

SPRINGFIELD REGIONAL WASTEWATER TREATMENT FACILITY

CENTRIFUGE CAKE DATA

APPENDIX II

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Springfield, MA
Sample Description:
Work Order: 20J1678

Date Received: 10/29/2020

Field Sample #: 3124
Sampled: 10/28/2020 10:40
Sludge

Sample ID: 20J1678-07

Sample Matrix: Sludge

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	12	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Boron	15	12	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Cadmium	1.3	1.2	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Chromium	49	2.3	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Copper	310	2.3	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Lead	26	1.8	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Mercury	0.13	0.088	mg/Kg dry	1		SW-846 7471B	11/4/20	11/5/20 14:12	CJV
Molybdenum	ND	12	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Nickel	18	2.3	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Selenium	ND	12	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Silver	3.1	1.2	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH
Zinc	310	2.3	mg/Kg dry	1		SW-846 6010D	11/6/20	11/7/20 18:19	MJH

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Springfield, MA
Sample Description:
Work Order: 20J1678

Date Received: 10/29/2020

Field Sample #: 3124
Sampled: 10/28/2020 10:40

Sample ID: 20J1678-07

Sample Matrix: Sludge

Sludge

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	28.0		% Wt	1		SM 2540G	11/5/20	11/6/20 8:03	RMF
Cyanide	ND	1.7	mg/Kg dry	1		SW-846 9014	11/4/20	11/5/20 16:45	DJM