

Facility: Cytex Industries, Inc.

Discharge Serial Number: 001-1

Monitoring Location: 1

Wastewater Description: Treated chemical process wastewater

Permit ID Number: CT0000086

Permit Date Issued: April 1, 1998

Maximum Daily Flow: 5,000,000 gallons per day

Parameter	Flow/Time Based Monitoring			
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
pH	---	---	*Continuous	*Instantaneous
Alkalinity	---	---	Three/week	Daily Composite
Aquatic Toxicity, Acute	---	---	Monthly	Daily Composite
Aquatic Toxicity, Chronic	---	---	Monthly	Daily Composite
Fecal Coliform	---	---	*Weekly	Grab
Chemical Oxygen Demand	---	---	Three/week	Daily Composite
Chemical Oxygen Demand	---	---	Three/week	Daily Composite
Biochemical Oxygen Demand (5-Day)	16 mg/l	43 mg/l	Three/week	Daily Composite
Biochemical Oxygen Demand (5-Day)	273 kg/d	727 kg/d	Three/week	Daily Composite
Dissolved Oxygen	---	---	Weekly	Grab
Total Suspended Solids	23.0 mg/l	55 mg/l	Three/week	Daily Composite
Total Suspended Solids	389 kg/d	930.8 kg/d	Three/week	Daily Composite
Ammonia Nitrogen (5/1 - 10/31)	5.5 mg/l	**21.9 mg/l	Three/week	Daily Composite
Ammonia Nitrogen (11/1 - 4/30)	7.3 mg/l	**25.4 mg/l	Three/week	Daily Composite
Nitrite Nitrogen	---	---	Three/week	Daily Composite
Nitrate Nitrogen	---	---	Three/week	Daily Composite
Organic Nitrogen as N	---	---	Three/week	Daily Composite
Total Kjeldahl Nitrogen	---	---	Three/week	Daily Composite
Total Nitrogen	---	---	Three/week	Daily Composite
Orthophosphates	---	---	Three/week	Daily Composite
Total Phosphorus	---	---	Three/week	Daily Composite
Acrylamide	---	---	Weekly	Grab Sample Ave
Butanol	---	---	Weekly	Daily Composite
Butyl Acetate	---	---	Weekly	Grab Sample Ave
Di-N-Octyl Phthalate	---	---	Weekly	Daily Composite
Epichlorohydrin	---	---	Weekly	Grab Sample Ave
Ethyl Acrylate	---	---	Monthly	Grab Sample Ave
Ethylene Glycol	---	---	Monthly	Grab Sample Ave
Formaldehyde	---	---	Three/week	Daily Composite
Iso-Butanol	---	---	Weekly	Daily Composite
Methanol	---	---	Weekly	Daily Composite
Methylmethacrylate	---	---	Weekly	Grab Sample Ave
Methylacrylate	---	---	Weekly	Grab Sample Ave
Styrene	---	---	Weekly	Grab Sample Ave

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Parameter	Flow/Time Based Monitoring			
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
Titanium, Total	---	---	Weekly	Daily Composite
Total Xylenes	---	---	Weekly	Grab Sample Ave
Total PCBs	0.000045 ug/l	0.0000656 ug/l	Monthly	Daily Composite
Total Residual Chlorine	0.021 mg/l	0.042 mg/l	Weekly	Grab Average
Triethylamine	---	---	Weekly	Grab Sample Ave
Acenaphthene		0.045 mg/l		
Acenaphthene	0.186 kg/d	0.498 kg/d	Twice/year	Daily Composite
Acenaphthylene*	0.031 ug/l	0.045 ug/l	Twice/year	Daily Composite
Acenaphthylene*	0.00052 kg/d	0.0008 kg/d	Twice/year	Daily Composite
Acrylonitrile*	0.0046 mg/l	0.0092 mg/l	Weekly	Grab Sample Average
Acrylonitrile*	0.078 kg/d	0.156 kg/d	Weekly	Grab Sample Average
Anthracene		0.045 mg/l		
Anthracene	0.186 kg/d	0.498 kg/d	Twice/year	Daily Composite
Benzene		0.102 mg/l		
Benzene	0.312 kg/d	1.150 kg/d	Weekly	Grab Sample Average
Benzo(A)anthracene*	0.031 ug/l	0.045 ug/l	Twice/year	Daily Composite
Benzo(A)anthracene*	0.00052 kg/d	0.008 kg/d	Twice/year	Daily Composite
3,4-Benzo-Fluoranthene*	0.031 ug/l	0.045 ug/l	Twice/year	Daily Composite
3,4-Benzo-Fluoranthene*	0.00052 kg/d	0.0008 kg/d	Twice/year	Daily Composite
Benzo(K)Fluoranthene*	0.031 ug/l	0.045 ug/l	Twice/year	Daily Composite
Benzo(K)Fluoranthene*	0.00052 kg/d	0.0008 kg/d	Twice/year	Daily Composite
Benzo(A)Pyrene*	0.031 ug/l	0.062 ug/l	Twice/year	Daily Composite
Benzo(A)Pyrene*	0.00052 kg/d	0.0011 kg/d	Twice/year	Daily Composite
Bis(2-Ethylhexyl)Phthalate*	0.0059 mg/l	0.0118 mg/l	Weekly	Daily Composite
Bis(2-Ethylhexyl)Phthalate*	0.100 kg/d	0.200 kg/d	Weekly	Daily Composite
Carbon Tetrachloride	0.009 mg/l	0.019 mg/l	Twice/year	Grab Sample Average
Carbon Tetrachloride	0.152 kg/d	0.321 kg/d	Twice/year	Grab Sample Average
Chlorobenzene	0.008 mg/l	0.014 mg/l	Twice/year	Grab Sample Average
Chlorobenzene	0.127 kg/d	0.237 kg/d	Twice/year	Grab Sample Average
Chloroethane		0.201 mg/l		
Chloroethane	0.878 kg/d	2.262 kg/d	Twice/year	Grab Sample Average
Chloroform		0.035 mg/l		
Chloroform	0.177 kg/d	0.388 kg/d	Twice/year	Grab Sample Average
2-Chlorophenol		0.074 mg/l		

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Wastewater Description: Treated chemical process wastewater

Permit ID Number: CT0000086

Permit Date Issued: April 1, 1998

Maximum Daily Flow: 5,000,000 gallons per day

Parameter	Flow/Time Based Monitoring			
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
2-Chlorophenol	0.262 kg/d	0.827 kg/d	Twice/year	Daily Composite
Chrysene*	0.031 ug/l	0.045 ug/l	Twice/year	Daily Composite
Chrysene*	0.00052 kg/d	0.0008 kg/d	Twice/year	Daily Composite
Di-N-Butyl Phthalate		0.044 mg/l		
Di-N-Butyl Phthalate	0.228 kg/d	0.481 kg/d	Weekly	Daily Composite
1,2-Dichlorobenzene		0.123 mg/l		
1,2-Dichlorobenzene	0.650 kg/d	1.376 kg/d	Twice/year	Grab Sample Average
1,3-Dichlorobenzene		0.033 mg/l		
1,3-Dichlorobenzene	0.262 kg/d	0.372 kg/d	Twice/year	Grab Sample Average
1,4-Dichlorobenzene	0.008 mg/l	0.014 mg/l	Twice/year	Grab Sample Average
1,4-Dichlorobenzene	0.127 kg/d	0.236 kg/d	Twice/year	Grab Sample Average
1,1-Dichloroethane		0.045 mg/l		
1,1-Dichloroethane	0.186 kg/d	0.498 kg/d	Weekly	Grab Sample Average
1,2-Dichloroethane		0.159 mg/l		
1,2-Dichloroethane	0.574 kg/d	1.781 kg/d	Twice/year	Grab Sample Average
1,1-Dichloroethylene	0.008 mg/l	0.013 mg/l	Weekly	Grab Sample Average
1,1-Dichloroethylene	0.135 kg/d	0.211 kg/d	Weekly	Grab Sample Average
1,2-Trans-Dichloroethylene		0.041 mg/l		
1,2-Trans-Dichloroethylene	0.177 kg/d	0.456 kg/d	Weekly	Grab Sample Average
2,4-Dichlorophenol		0.084 mg/l		
2,4-Dichlorophenol	0.329 kg/d	0.945 kg/d	Twice/year	Daily Composite
1,2-Dichloropropane		0.173 mg/l		
1,2-Dichloropropane	1.292 kg/d	13.941 kg/d	Twice/year	Grab Sample Average
1,3-Dichloropropylene	0.015 mg/l	0.022 mg/l	Twice/year	Grab Sample Average
1,3-Dichloropropylene	0.245 kg/d	0.371 kg/d	Twice/year	Grab Sample Average
Diethyl Phthalate		0.153 mg/l		
Diethyl Phthalate	0.684 kg/d	1.714 kg/d	Twice/year	Daily Composite
2,4-Dimethylphenol	0.009 mg/l	0.018 mg/l	Twice/year	Daily Composite
2,4-Dimethylphenol	0.152 kg/d	0.304 kg/d	Twice/year	Daily Composite
Dimethyl Phthalate		0.036 mg/l		
Dimethyl Phthalate	0.160 kg/d	0.397 kg/d	Twice/year	Daily Composite
4,6-Dinitro-o-Cresol	0.039 mg/l	0.139 mg/l	Twice/year	Daily Composite
4,6-Dinitro-o-Cresol	0.658 kg/d	2.347 kg/d	Twice/year	Daily Composite
2,4-Dinitrophenol	0.036 mg/l	0.062 mg/l	Twice/year	Daily Composite
2,4-Dinitrophenol	0.599 kg/d	1.038 kg/d	Twice/year	Daily Composite

Facility: Cytex Industries, Inc.

Discharge Serial Number: 001-1

Monitoring Location: 1

Wastewater Description: Treated chemical process wastewater

Permit ID Number: CT0000086

Permit Date Issued: April 1, 1998

Maximum Daily Flow: 5,000,000 gallons per day

Parameter	Flow/Time Based Monitoring			
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
2,4-Dinitrotoluene		0.140 mg/l		
2,4-Dinitrotoluene	0.954 kg/d	1.56 kg/d	Twice/year	Daily Composite
2,6-Dinitrotoluene		0.482 mg/l		
2,6-Dinitrotoluene	2.15 kg/d	5.41 kg/d	Twice/year	Daily Composite
Ethylbenzene		0.081 mg/l		
Ethylbenzene	0.270 kg/d	0.912 kg/d	Weekly	Grab Sample Average
Fluoranthene		0.051 mg/l		
Fluoranthene	0.211 kg/d	0.574 kg/d	Twice/year	Daily Composite
Fluorene		0.045 mg/l		
Fluorene	0.186 kg/d	0.498 kg/d	Twice/year	Daily Composite
Hexachlorobenzene*	0.0008 ug/l	0.0011 ug/l	Twice/year	Daily Composite
Hexachlorobenzene*	0.00001 kg/d	0.00002 kg/d	Twice/year	Daily Composite
Hexachlorobutadiene		0.038 mg/l		
Hexachlorobutadiene	0.169 kg/d	0.414 kg/d	Twice/year	Daily Composite
Hexachloroethane*	0.0089 mg/l	0.0130 mg/l	Twice/year	Daily Composite
Hexachloroethane*	0.150 kg/d	0.219 kg/d	Twice/year	Daily Composite
Methyl Chloride	0.043 mg/l	0.095 mg/l	Twice/year	Grab Sample Average
Methyl Chloride	0.726 kg/d	1.604 kg/d	Twice/year	Grab Sample Average
Methylene Chloride		0.068 mg/l		
Methylene Chloride	0.338 kg/d	0.751 kg/d	Weekly	Grab Sample Average
Napthalene		0.045 mg/l		
Napthalene	0.186 kg/d	0.498 kg/d	Weekly	Daily Composite
Nitrobenzene		0.051 mg/l		
Nitrobenzene	0.228 kg/d	0.574 kg/d	Twice/year	Daily Composite
2-Nitrophenol		0.053 mg/l		
2-Nitrophenol	0.346 kg/d	0.582 kg/d	Twice/year	Daily Composite
4-Nitrophenol	0.036 mg/l	0.062 mg/l	Twice/year	Daily Composite
4-Nitrophenol	0.608 kg/d	1.047 kg/d	Twice/year	Daily Composite
Phenanthrene*	0.031 ug/l	0.045 ug/l	Twice/year	Daily Composite
Phenanthrene*	0.00052 kg/d	0.0008 kg/d	Twice/year	Daily Composite
Phenol	0.008 mg/l	0.013 mg/l	Twice/year	Daily Composite
Phenol	0.127 kg/d	0.220 kg/d	Twice/year	Daily Composite
Pyrene		0.051 mg/l		
Pyrene	0.211 kg/d	0.566 kg/d	Twice/year	Daily Composite
Tetrachloroethylene		0.044 mg/l		

Facility: Cytec Industries, Inc.

Discharge Serial Number: 001-1

Monitoring Location: 1

Wastewater Description: Treated chemical process wastewater

Permit ID Number: CT0000086

Permit Date Issued: April 1, 1998

Maximum Daily Flow: 5,000,000 gallons per day

Parameter	Flow/Time Based Monitoring			
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
Tetrachloroethylene	0.186 kg/d	0.490 kg/d	Weekly	Grab Sample Average
Toluene		0.060 mg/l		
Toluene	0.220 kg/d	0.675 kg/d	Weekly	Grab Sample Average
Total Chromium*		0.590 mg/l		
Total Chromium*	3.31 kg/d	6.65 kg/d	Weekly	Daily Composite
Total Copper*		0.090 mg/l		
Total Copper*	0.503 kg/d	1.01 kg/d	Weekly	Daily Composite
Total Cyanide*		0.030 mg/l		
Total Cyanide*	0.167 kg/d	0.336 kg/d	Weekly	Grab Sample Average
Total Lead*	2.29 ug/l	4.58 ug/l	Weekly	Daily Composite
Total Lead*	0.039 kg/d	0.077 kg/d	Weekly	Daily Composite
Total Nickel*	0.168 mg/l	0.336 mg/l	Weekly	Daily Composite
Total Nickel*	2.83 kg/d	5.68 kg/d	Weekly	Daily Composite
Total Zinc*	0.074 mg/l	0.148 mg/l	Weekly	Daily Composite
Total Zinc*	1.25 kg/d	2.5 kg/d	Weekly	Daily Composite
1,2,4-Trichlorobenzene		0.105 mg/l		
1,2,4-Trichlorobenzene	0.574 kg/d	1.182 kg/d	Twice/year	Daily Composite
1,1,1-Trichloroethane		0.041 mg/l		
1,1,1-Trichloroethane	0.178 kg/d	0.456 kg/d	Weekly	Grab Sample Average
1,1,2-Trichloroethane		0.041 mg/l		
1,1,2-Trichloroethane	0.177 kg/d	0.456 kg/d	Weekly	Grab Sample Average
Trichloroethylene		0.041 mg/l		
Trichloroethylene	0.177 kg/d	0.456 kg/d	Weekly	Grab Sample Average
Vinyl Chloride		0.201 mg/l		
Vinyl Chloride	0.878 kg/d	2.262 kg/d	Twice/year	Grab Sample Average

Note: For Parameters below, * indicates the limits are Water Quality based

** these are interim max daily limits for ammonia nitrogen

Facility: Cytex Industries, Inc.

Discharge Serial Number: 002 1

Monitoring Location: 1

Wastewater Description: Non-contact cooling water and stormwater

Permit ID Number: CT0000086

Permit Date Issued: April 1, 1998

Maximum Daily Flow: 700,00 gallons per day during dry weather

Parameter	Maximum Instantaneous Limits	Minimum Frequency of Sampling	Sample Type
pH	***	Monthly	Grab
Temperature, Degrees F	110 F	Monthly	Grab
Aquatic Toxicity, Acute	***	Quarterly	Grab
Aquatic Toxicity, Chronic	***	Quarterly	Grab
Copper, Total	64.1 ug/l	Monthly	Grab
Lead, Total	4.9 ug/l	Monthly	Grab
Nickel, Total	360 ug/l	Monthly	Grab
Zinc, Total	159 ug/l	Monthly	Grab
Oil & Grease, Total	5.30 mg/l	Monthly	Grab
Chlorine, Total Residual	45.0 ug/l	Monthly	Grab
Ammonia as N	—	Monthly	Grab

Note: "—" indicates a parameter requires monitoring only

Facility: Erickson Metals Corporation

Discharge Serial Number: 001-1

Monitoring Location: 1

Wastewater Description: Non-contact cooling water

Permit ID Number: CT0025267

Permit Date Issued: November 14, 1995

Maximum Daily Flow: 88,800 gallons per day

Parameter	Maximum Instantaneous Limits	Sampling Frequency	Sample Type
Aquatic Toxicity, Acute	**	Semi-annually	Grab Sample
Aquatic Toxicity, Chronic	**	Semi-annually	Grab Sample
Total Copper	0.06 mg/l	Quarterly	Grab Sample
Total Lead	0.014 mg/l	Quarterly	Grab Sample
Total Nickel	0.925 mg/l	Quarterly	Grab Sample
Total Zinc	0.153 mg/l	Quarterly	Grab Sample
Oil & Grease, Total	5.0 mg/l	Quarterly	Grab Sample
Total Residual Chlorine	0.116 mg/l	Quarterly	Grab Sample
Total Ammonia Nitrogen	3.0 mg/l	Quarterly	Grab Sample
Total Dissolved Solids	1500 mg/l	Quarterly	Grab Sample
MBAs	0.5 mg/l	Quarterly	Grab Sample
pH	***		Grab Sample

**Effective upon permit issuance and thereafter, the discharge shall not cause acute or chronic toxicity in the receiving waterbody and a grab sample of the effluent shall not exhibit toxicity

***The pH of the discharge shall not be less than 6.0 or greater than 9.0 at any time

Facility: General Electric Company

Discharge Serial Number: 001-1

Monitoring Location: 1

Wastewater Description: Groundwater remediation wastewater

Permit ID Number: CT0001708

Permit Date Issued: December 5, 2000

Maximum Daily Flow: 86,400 gallons per day

Parameter	Flow/Time Based Monitoring				Instantaneous Monitoring		
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type	Limit or Range Required	Sample Frequency	Sample Type or Measurement to be reported
Flow, Instantaneous	NA	NA	NR	NA	---	Monthly	Instantaneous
Flow, Average and Maximum	72,000	864,000	Monthly	---	NA	NR	NA
Flow, Total	---	864,000	Monthly	Daily Flow	NA	NR	NA
pH	NA	NA	NR	NA	6.0-9.0	Monthly	Grab
Total Volatile Organics	NA	NA	NR	NA	50.0 ug/l	Monthly	Grab

Facility: General Electric Company

Discharge Serial Number: 001-1

Monitoring Location: N

Wastewater Description: Aerator Inlet

Permit ID Number: CT0001708

Permit Date Issued: December 5, 2000

Parameter	Flow/Time Based Monitoring				Instantaneous Monitoring		
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type	Limit or Range Required	Sample Frequency	Sample Type or Measurement to be reported
Flow, Instantaneous	NA	NA	NR	NA	60 GPM	Monthly	Instantaneous
Flow, Total	---	---	Monthly	Daily Flow	NA	NR	NA
Total Volatile Organics	NA	NA	NR	NA	---	Monthly	Grab

Facility: General Electric Company

Discharge Serial Number: 001-1

Monitoring Location: T

Wastewater Description: Groundwater remediation wastewater

Permit ID Number: CT0001708

Permit Date Issued: December 5, 2000

Parameter	Instantaneous Daily Limit	Sampling Frequency	Sample Type	Minimum Level Analysis
Aquatic Toxicity, Daphnia pulex	NOAEL=100%	Quarterly	Grab	
Aquatic Toxicity, Pimephales promelas	NOAEL=100%	Quarterly	Grab	
Copper, Total	---	Quarterly	Grab	*
Lead, Total	---	Quarterly	Grab	*
Zinc, Total	---	Quarterly	Grab	*

Facility: O'Brien & Gere Technical Services, Inc.

Discharge Serial Number: 001-1

Monitoring Location: 1

Wastewater Description: Combined treated groundwater from four contaminant recovery wells

Permit ID Number: CT0003239

Permit Date Issued: October 1, 1999

Parameter	Flow/Time Based Monitoring				Instantaneous Monitoring		
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type	Limit or Range Required	Sample Frequency	Sample Type or Measurement to be Reported
Flow, Instantaneous	NA	NA	NR	NA	150 GPM	Monthly	Instantaneous
Flow, Total	NA	216,000 GPD	Monthly	Daily Flow	NA	NR	NA
Hours of Discharge	NA	--	Monthly	Total Hours	NA	NR	NA
Iron, Total	NA	5.0 mg/l	Monthly	Composite*	7.5 mg/l	NR	NA
pH	NA	NA	NR	NA	6.0-9.0	Monthly	Range during sampling**
Total Dissolved Solids	NA	--	Monthly	Composite*	NA	NR	NA
Total Oil and Grease	NA	10.0 mg/l	Monthly	Grab Sample Average***	20.0 mg/l	NR	NA
Total Suspended Solids	NA	30.0 mg/l	Monthly	Composite*	45.0 mg/l	NR	NA
Total Volatile Organics	NA	NA	NR	NA	100 ug/l	Quarterly	Grab

**"Composite" means a sample taken over an 8 hour period consisting of grab samples collected at equal intervals of no more than sixty (60) minutes and combined proportionally to flow

***"Range during Sampling" as a sample type for pH measurement shall mean that the pH of the discharge shall be measured and recorded at least once every four hours during the 8 hour sampling period

****"Grab Sample Average" means the arithmetic average of all grab sample analyses

Table 39

Permit Parameters: Limits and Sampling Frequency

Facility: Pharmacia & Upjohn Company

Discharge Serial Number: 001

Monitoring Location: 1

Wastewater Description: Groundwater Remediation and Stormwater Run-off

Permit ID Number: CT0001341

Permit Date Issued: April 1, 1998

Parameter	Grab Sample Ave./Daily Composite				Grab Samples	
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type	Maximum Concentration	Max. Conc. Sample Freq.
Aquatic Toxicity, Invertebrate		LC50>40%	Twice/Month	Daily Composite	LC50>13.3%	NR
Aquatic Toxicity, Vertebrate		LC50>40%	Monthly	Daily Composite	LC50>13.3%	NR
*Acenaphthene	0.031 ug/l	0.0622 ug/l	Annually	Daily Composite	0.0933 ug/l	NR
*Acenaphthene	47 mg/d	94.2 mg/d	Annually	Daily Composite	NA	NR
*Acenaphthylene	ND	ND	Annually	Daily Composite	ND	NR
*Acenaphthylene	ND	ND	Annually	Daily Composite	ND	NR
Acetone	---	---	Annually	Daily Composite	NA	NR
^Ammonia-Nitrogen	12.5 mg/l	25.0 mg/l	Weekly	Daily Composite	37.5 mg/l	NR
Aniline	---	---	Annually	Daily Composite	NA	NR
^*Benzene	0.035 mg/l	0.13 mg/l	Monthly	Grab Sample Ave.	0.195 mg/l	NR
^*Benzene	0.07 kg/d	0.216 kg/d	Monthly	Grab Sample Ave.	NA	NR
^*Benzidine	0.02 mg/l	0.05 mg/l	Weekly	Daily Composite	0.075 mg/l	NR
*3,4-Benzofluoranthene	ND	ND	Annually	Daily Composite	NA	NR
Benzoic Acid	---	---	Annually	Daily Composite	NA	NR
Biochemical Oxygen Demand (5 Da	20 mg/l	30 mg/l	12/Month	Daily Composite	45 mg/l	NR
*Bis(2-ethylhexyl)phthalate	5.9 ug/l	11.8 ug/l	Annually	Daily Composite	17.7 ug/l	NR
*Bis(2-ethylhexyl)phthalate	8.94 g/d	17.9 g/d	Annually	Daily Composite	NA	NR
Carbon Disulfide	---	---	Annually	Daily Composite	NA	NR
Chemical Oxygen Demand	300.0 mg/l	500.0 mg/l	12/Month	Daily Composite	750.0 mg/l	NR
2-Chloroaniline	---	---	Monthly	Daily Composite	NA	NA
4-Chloroaniline	---	---	Annually	Daily Composite	NA	NR
^*Chlorobenzene	0.014 mg/l	0.020 mg/l	Monthly	Grab Sample Ave.	0.030 mg/l	NR
^*Chloroform	0.020 mg/l	0.044 mg/l	Annually	Grab Sample Ave.	0.066 mg/l	NR
^*2-Chlorophenol	0.029 mg/l	0.094 mg/l	Monthly	Grab Sample Ave.	0.141 mg/l	NR
^1-Chloro-2-nitro-benzene	---	---	Monthly	Daily Composite	NA	NR
^Dichloran	0.5 mg/l	0.75 mg/l	Weekly	Daily Composite	1.12 mg/l	NR
^*1,2-Dichlorobenzene	0.01 mg/l	0.020 mg/l	Monthly	Grab Sample Ave.	0.030 mg/l	NR
^*1,3-Dichlorobenzene	0.029 mg/l	0.042 mg/l	Monthly	Grab Sample Ave.	0.063 mg/l	NR
^*1,4-Dichlorobenzene	0.014 mg/l	0.026 mg/l	Monthly	Grab Sample Ave.	0.039 mg/l	NR
^Dichlorobenzidine	0.020 mg/l	0.050 mg/l	Weekly	Daily Composite	0.075 mg/l	NR
1,1-Dichloroethane	---	---	Annually	Grab Sample Ave.	NA	NR
1,2-Dichloroethane	0.065 mg/l	0.202 mg/l	Monthly	Grab Sample Ave.	0.303 mg/l	NR
^*Di-n-butyl phthalate	0.025 mg/l	0.054 mg/l	Annually	Daily Composite	0.81 mg/l	NR
*2,4-Dinitrophenol	0.068 mg/l	0.118 mg/l	Annually	Grab Sample Ave.	0.177 mg/l	NR
*4,6-Dinitro-o-cresol	0.074 mg/l	0.265 mg/l	Annually	Grab Sample Ave.	0.398 mg/l	NR
^Dioxane	5.0 mg/l	10.0 mg/l	Weekly	Daily Composite	15.0 mg/l	NR
Dissolved Oxygen	NA	NA	NA	NR	---	Weekly
*Ethylbenzene	0.030 mg/l	0.103 mg/l	Annually	Grab Sample Ave.	0.1545 mg/l	NR
^*Methyl Chloride	0.082 mg/l	0.182 mg/l	Annually	Grab Sample Ave.	0.273 mg/l	NR
*Methylene Chloride	0.038 mg/l	0.085 mg/l	Monthly	Grab Sample Ave.	0.1275 mg/l	NR
2-Methylphenol	---	---	Annually	Grab Sample Ave.	NA	NR

Table 39

Permit Parameters: Limits and Sampling Frequency

Facility: Pharmacia & Upjohn Company

Discharge Serial Number: 001

Monitoring Location: 1

Wastewater Description: Groundwater Remediation and Stormwater Run-off

Permit ID Number: CT0001341

Permit Date Issued: April 1, 1998

Parameter	Grab Sample Ave./Daily Composite				Grab Samples	
	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type	Maximum Concentration	Max. Conc. Sample Freq.
4-Methylphenol	---	---	Annually	Grab Sample Ave.	NA	NR
*Naphthalene	0.021 mg/l	0.056 mg/l	Annually	Daily Composite	0.084 mg/l	NR
^*4-Nitrophenol	0.069 mg/l	0.119 mg/l	Monthly	Grab Sample Ave.	0.1785 mg/l	NR
Orthonitrochlorobenzene	---	---	Monthly	Grab Sample Ave.	NA	NR
pH	***	***				
*Phenanthrene	ND	ND	Annually	Daily Composite	NA	NR
^*Phenol	0.014 mg/l	0.024 mg/l	Monthly	Grab Sample Ave.	0.036 mg/l	NR
^*Tetrachloroethylene	0.021 mg/l	0.053 mg/l	Annually	Grab Sample Ave.	0.0795 mg/l	NR
^*Toluene	0.024 mg/l	0.076 mg/l	Monthly	Grab Sample Ave.	0.114 mg/l	NR
*Total Arsenic	0.14 ug/l	0.281 ug/l	Twice/year	Daily Composite	0.4215 ug/l	NR
*Total Arsenic	0.212 g/d	0.426 g/d	Twice/year	Daily Composite	NA	NR
Total Cadmium	0.07 mg/l	0.11 mg/l	Twice/year	Daily Composite	0.165 mg/l	NR
Total Chromium	0.1 mg/l	0.2 mg/l	Annually	Daily Composite	0.3 mg/l	NR
Total Copper	0.0595 mg/l	0.119 mg/l	Annually	Daily Composite	0.1785 mg/l	NR
Total Copper	0.09 kg/d	0.181 kg/d	Annually	Daily Composite	NA	NR
^*Total Cyanide	0.0248 mg/l	0.05 mg/l	Weekly	Grab Sample Ave.	0.075 mg/l	NR
^Total Kjeldahl Nitrogen	65 mg/l	80 mg/l	Weekly	Daily Composite	120 mg/l	NR
^Total Lead	0.2 mg/l	0.4 mg/l	Weekly	Daily Composite	0.6 mg/l	NR
^*Total Mercury	2.53 ug/l	5.07 ug/l	Monthly	Daily Composite	7.6 ug/l	NR
^*Total Mercury	3.83 g/d	7.68 g/d	Monthly	Daily Composite	NA	NR
Total Nickel	0.5 mg/l	1.0 mg/l	Annually	Daily Composite	1.5 mg/l	NR
*Total PCBs	****	****	Monthly	Daily Composite	---	NR
^Total Silver	0.1 mg/l	0.5 mg/l	Monthly	Daily Composite	0.75 mg/l	NR
^Total Suspended Solids	30.0 mg/l	75 mg/l	12/Month	Daily Composite	112.5 mg/l	NR
^Total Zinc	0.3 mg/l	0.6 mg/l	Weekly	Daily Composite	0.9 mg/l	NR
^*1,2-Transdichloroethylene	0.02 mg/l	0.051 mg/l	Annually	Grab Sample Ave.	0.076 mg/l	NR
^*2,4,6-Trichlorophenol	6.5 ug/l	13.0 ug/l	Monthly	Grab Sample Ave.	19.5 ug/l	NR
* Trichloroethylene	0.02 mg/l	0.051 mg/l	Annually	Grab Sample Ave.	0.0765 mg/l	NR

^ Indicates that all samples collected for toxicity testing must also be analyzed for this parameter

*Indicates a chemical that must be analyzed to achieve minimum levels

*** The pH of the discharge shall not be less than 6.0 nor greater than 9.0 Standard Units at any time and shall be monitored on a continuous basis

**** Should PCBs be detected above the minimum level specified, the permittee shall within 45 days submit for review and approval of the Commissioner a scope of study to identify the source of any PCB compound detected and measures required for the elimination of all PCB's from DSN 001

Facility: Pratt Associates

Discharge Serial Number:001-1

Monitoring Location: 1

Wastewater Description: Groundwater contamination recovery wastewater

Permit ID Number: CT0027511

Permit Date Issued: April 14, 1994

Maximum Daily Flow: 50,000 GPD

Parameter	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
Ammonia	1000 ug/l	2000 ug/l	Monthly	Daily Composite
Copper, Total	50 ug/l	100 ug/l	Twice/Year	Daily Composite
Zinc, Total	50 ug/l	100 ug/l	Twice/Year	Daily Composite
Cyanide, Total		100 ug/l	Twice/Year	Grab
Cyanide, Amenable		100 ug/l	Twice/Year	Grab
Benzene		10 ug/l	Monthly	Grab
Toluene		10 ug/l	Monthly	Grab
Xylene		10 ug/l	Monthly	Grab
Total Oil & Grease		25 mg/l	Monthly	Grab
Total Suspended Solids	20 mg/l	30 mg/l	Monthly	Daily Composite
pH	**	**	Monthly	Range during Composite
Temperature, degrees F	***	***	Monthly	Grab
Aquatic Toxicity, Acute	****	****	Quarterly	Daily Composite
Aquatic Toxicity, Chronic	****	****	Quarterly	Daily Composite

** The pH of the discharge shall not be less than 6.0 or greater than 9.0 at any time

*** The temperature of the discharge shall not increase the temperature of the receiving stream above 85 F or raise the normal temperature of the receiving stream more than 4 F

**** Effective upon the issuance of this permit and thereafter a daily composite of the effluent shall not exhibit acute or chronic toxicity in the receiving waterbody

Facility: Pratt & Whitney

Discharge Serial Number:101-1

Monitoring Location: 1

Wastewater Description: Metal Finishing Wastewaters and Boiler House Groundwater

Permit ID Number: CT0001384

Permit Date Issued: June 25, 1996

Parameter	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
Aluminum, Total	2.0 mg/l	4.0 mg/l	Weekly	Daily Composite
Aluminum, Total	1908 gm/d	3836 gm/d	Weekly	Daily Composite
Cadmium, Total	0.1 mg/l	0.4 mg/l	Monthly	Daily Composite
Cadmium, Total	8.7 gm/d	17.5 gm/d	Monthly	Daily Composite
Chromium, Total	0.5 mg/l	1.0 mg/l	Monthly	Daily Composite
Chromium, Hexavalent	0.05 mg/l	0.1 mg/l	Monthly	Grab Sample Ave.
Copper, Total	0.5 mg/l	1.0 mg/l	Weekly	Daily Composite
Copper, Total	113 gm/d	228 gm/d	Weekly	Daily Composite
Fluoride, Total	5.0 mg/l	10.0 mg/l	Weekly	Daily Composite
Iron, Total	2.0 mg/l	4.0 mg/l	Weekly	Daily Composite
Lead, Total	0.1 mg/l	0.5 mg/l	Weekly	Daily Composite
Lead, Total	28.5 gm/d	57.3 gm/d	Weekly	Daily Composite
Nickel, Total	1.0 mg/l	2.0 mg/l	Weekly	Daily Composite
Tin, Total	2.0 mg/l	4.0 mg/l	Weekly	Daily Composite
Titanium, Total	2.0 mg/l	4.0 mg/l	Weekly	Daily Composite
Zinc, Total	1.0 mg/l	2.0 mg/l	Weekly	Daily Composite
Zinc, Total	312.4 mg/l	624.8 mg/l	Weekly	Daily Composite
Cyanide-Amenable	---	---	Monthly	Grab Sample Ave.
Cyanide, Total	0.65 mg/l	1.20 mg/l	Monthly	Grab Sample Ave.
Cyanide, Total	106.4 gm/d	213.8 gm/d	Monthly	Grab Sample Ave.
Oil & Grease, Total	10.0 mg/l	13.3 mg/l	Weekly	Grab Sample Ave.
Total Suspended Solids	15.0 mg/l	30.0 mg/l	Weekly	Daily Composite
Total Toxic Organics		2.13 mg/l	Weekly	Grab Sample Ave.
Temperature, degrees F	**	**	Weekly	Grab
pH	***	***	Continuous	Instantaneous
Aquatic Toxicity, Acute	****	****	Monthly	Daily Composite
Aquatic Toxicity, Chronic	****	****	Monthly	Daily Composite
Bismuth, Total	---	---	Quarterly	Daily Composite
Boron, Total	---	---	Quarterly	Daily Composite
Nitrate - N	---	---	Quarterly	Daily Composite
Ammonia - N	---	---	Quarterly	Daily Composite
BOD (5 Day)	---	---	Quarterly	Daily Composite
Nitrogen, Kjeldahl Total	---	---	Quarterly	Daily Composite
Chlorine, Total Residual	0.081 mg/l	0.162 mg/l	Weekly	^^
Trichloroethylene	---	---	Quarterly	Grab Sample Ave.
Surfactants-MBAs	---	---	Quarterly	Daily Composite
Silver, Total	5.80 gm/d	11.66 gm/d	Monthly	Daily Composite

** The temperature of the discharge shall not increase the temperature of the receiving stream above 85 F or raise the normal temperature of the receiving stream more than 4 F beyond the zone of influence

*** The pH of the discharge shall not be less than 6.0 or greater than 9.0

**** A daily composite sample of the effluent shall not exhibit acute or chronic toxicity in the receiving waterbody

^^ The permittee shall report the lowest and highest concentrations of the range of analyses of samples tested at a frequency of at least one every four hours during the day of sampling

Facility: Pratt & Whitney

Discharge Serial Number:105

Monitoring Location: 1

Wastewater Description: Metal Finishing Wastewaters and Boiler House Groundwater

Permit ID Number: CT0001384

Permit Date Issued: June 25, 1996

Parameter	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
Copper, Total	---	0.047 mg/l	Monthly	Grab
Lead, Total	---	0.010 mg/l	Monthly	Grab
Nickel, Total	---	0.700 mg/l	Monthly	Grab
Zinc, Total	---	0.120 mg/l	Monthly	Grab
Ammonia, N	---	3.0 mg/l	Monthly	Grab
Chlorine, Total Residual	---	0.087 mg/l	Monthly	Grab
Bis-2-ethylhexyl Phthalate	---	0.057 mg/l	Monthly	Grab
pH	**	**	Monthly	Grab
Temperature, degrees F	***	***	Monthly	Grab
Total Suspended Solids	---	---	Monthly	Grab
Oil & Grease, Total	---	15.0 mg/l	Monthly	Grab
Aquatic Toxicity Screening	****	****	Quarterly	Grab
Surfactants - MBAs	---	---	Quarterly	Grab
Total Toxic Organics	*****	*****	Quarterly	Grab

**The pH of the discharge shall not be less than 6.0 or greater than 9.0 during dry weather

*** The temperature of the discharge shall not increase the temperature of the receiving stream above 85 F or raise the normal temperature of the receiving stream more than 4 F beyond any zone of influence

**** A grab sample of the effluent shall not exhibit aquatic toxicity in the receiving waterbody

***** Monitoring for Total Toxic Organics shall be performed for all parameters on a quarterly basis commencing on permit issuance date.

Facility: Tilcon Connecticut, Inc.

Discharge Serial Number: 001

Monitoring Location: 1

Wastewater Description: Non-Contact Cooling Water

Permit ID Number: CT0020656

Maximum Daily Flow: 300,000 GPD

Permit Date Issued: November 13, 1995

Parameter	Average Monthly Limit	Maximum Daily Limit	Sampling Frequency	Sample Type
Aquatic Toxicity, Acute	**	**	Twice/Year	Daily Composite
Aquatic Toxicity, Chronic	**	**	Twice/Year	Daily Composite
Total Copper	---	---	Quarterly	Daily Composite
Total Lead	---	---	Quarterly	Daily Composite
Total Nickel	---	---	Quarterly	Daily Composite
Total Zinc	---	---	Quarterly	Daily Composite
Oil & Grease, Total	---	5.0 mg/l	Quarterly	Grab Sample Ave.
Total Residual Chlorine	---	---	Quarterly	Range during Composite
Total Ammonia Nitrogen	---	---	Quarterly	Daily Composite
Total Dissolved Solids	---	---	Quarterly	Daily Composite
MBAs	---	---	Quarterly	Daily Composite
pH	***	***	Quarterly	Range during Composite

** Compliance with this permit condition shall be achieved when there is no significant mortality in a daily composite sample of the effluent at a concentration equal to or greater than the calculated NOAEL

*** The pH of the discharge shall not be less than 6.0 or greater than 9.0 at any time

Appendix XIII: Summary of Permit Violations, All Facilities

Facility	Date	Parameter	Measured Concentration	Maximum Daily Limit	Average Monthly Limit
Meriden POTW	10/2000	Ammonia as N	6.54 mg/L	-----	4.0 mg/L
Meriden POTW	11/2000	BOD (Max. Daily)	92 mg/L	50 mg/L	30 mg/L †
Meriden POTW	11/2000	TSS (Max. Daily)	106 mg/L	50 mg/L	30 mg/L †
Meriden POTW	3/2001	TSS (Max. Daily)	120 mg/L	50 mg/L	30 mg/L †
Meriden POTW	3/2001	TSS (Ave.Month)	34 mg/L	50 mg/L	30 mg/L †
Wal'ford POTW	11/2000	48 acute toxicity	Fail	Pass	Pass
Wal'ford POTW	3/2001	48 acute toxicity	Fail	Pass	Pass
Allegheny	9/20/00	Total Lead (006A)	5.0 µg/L	3.94 µg/L	2.70 µg/L
Allegheny	9/20/00	Total Lead (006B)	9.0 µg/L	2.65 µg/L	1.81 µg/L
Allegheny	12/12/00	Total Lead (006A)	6.0 µg/L	3.94 µg/L	2.70 µg/L
Allegheny	3/26/01	Total Lead (003.1)	24.0 µg/L	11.8 µg/L	8.06 µg/L
Allegheny	5/3/00	Oil /Grease (005.1)	10.4 mg/L	10.0 mg/L	5.0 mg/L
Allegheny	3/26/01	Acute 48 <i>D. pulex</i> (0031.1)	Fail	Pass	Pass
Allegheny	3/26/01	Acute <i>Pimephales</i> (003.1)	Fail	Pass	Pass
Circuit Wise	11/5/00	pH	11.37	9.5 ☆	9.5 ☆
CT Steel	12/2000	Aluminum	2.14 mg/L	4.0 mg/L	2.0 mg/L
Cytec	3/16/00	Lead	22.0 µg/L	4.58 µg/L	2.29 µg/L
Cytec	5/5/00	Lead	22.0 µg/L	4.58 µg/L	2.29 µg/L
Cytec	5/5/00	Lead	0.225 kg/d	0.077 kg/d	0.039 kg/d
OBG Tech	3/2000	TSS	310.0 mg/L	30 mg/L	-----
OBG Tech	5/2000	Flow Rate	129,600 GPD*	216,000 GPD	108,000 GPD
OBG Tech	6/2000	Flow Rate	129,600 GPD*	216,000 GPD	108,000 GPD
OBG Tech	7/2000	Flow Rate	129,600 GPD*	216,000 GPD	108,000 GPD
OBG Tech	8/2000	Flow Rate	129,600 GPD*	216,000 GPD	108,000 GPD
OBG Tech	9/2000	Flow Rate	129,600 GPD*	216,000 GPD	108,000 GPD
OBG Tech	10/2000	Flow Rate	129,600 GPD*	216,000 GPD	108,000 GPD
OBG Tech	4/2000	Iron	5.5 mg/L	5.0 mg/L	-----
OBG Tech	5/2000	Iron	10.0 mg/L	5.0 mg/L	-----
OBG Tech	6/2000	Iron	14.0 mg/L	5.0 mg/L	-----
OBG Tech	8/2000	Iron	5.2 mg/L	5.0 mg/L	-----
OBG Tech	9/2000	Iron	11 mg/L	5.0 mg/L	-----
OBG Tech	12/2000	Iron	9.0 mg/L	5.0 mg/L	-----
OBG Tech	3/2001	Iron	6.9 mg/L	5.0 mg/L	-----
Pharm/Upjohn	3/2000	Bis(2-et) phthalate	9.00 µg/L	11.8 µg/L	5.9 µg/L
Pharm/Upjohn	3/2000	Bis(2-et) phthalate	11.0 g/d	17.94 g/d	8.94 g/d
Pharm/Upjohn	3/7/ 2000	Bis(2-et) phthalate	18.0 µg/L	11.8 µg/L	5.9 µg/L
Pharm/Upjohn	3/7/2000	Bis(2-et) phthalate	21.0 g/d	17.94 g/d	8.94 g/d
Pharm/Upjohn	2/2000	Chlorobenzene	0.026 mg/L	0.02 mg/L	0.014 mg/L
Pharm/Upjohn	11/2000	Chlorobenzene	0.021 mg/L	0.02 mg/L	0.014 mg/L
Pharm/Upjohn	12/2000	Chlorobenzene	0.066 mg/L	0.02 mg/L	0.014 mg/L
Pharm/Upjohn	3/2000	1,2-Dichlorobenzene	0.014 mg/l	0.02 mg/L	0.01 mg/L
Pharm/Upjohn	12/2000	1,2-Dichlorobenzene	0.012 mg/L	0.02 mg/L	0.01 mg/L
Pharm/Upjohn	2/2001	Total Cyanide	0.03mg/L	0.05 mg/L	0.0248 mg/L

Pharm/Upjohn	3/2001	Total Cyanide	0.03mg/L	0.05 mg/L	0.0248 mg/L
Pratt&Whitney	11/2000	Oil and Grease	17.1 mg/L	13.3 mg/L	10.0 mg/L
Pratt&Whitney	3/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	3/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	4/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	4/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	5/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	5/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	6/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	6/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	7/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	7/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	9/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	9/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	10/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	10/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	11/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	11/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	12/2000	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	12/2000	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	2/2001	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	2/2001	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	3/2001	48 acute <i>D. Pulex</i>	Fail	Pass	Pass
Pratt&Whitney	3/2001	Chronic <i>D. Pulex</i>	Fail	Pass	Pass
Pratt Associates	12/2000	TSS	120.0 mg/L	30.0 mg/L	20.0 mg/L
Pratt Associates	2/2001	TSS	180.00 mg/L	30.0 mg/L	20.0 mg/L

† The discharge shall meet the more stringent of 30.0 mg/l or 15% of the average monthly influent 5-day BOD and suspended solids

☆ The permit requires that the pH of a discharge be within the permitted range of 6.0 – 9.5 S.U. The pH parameter has minimum and maximum limits and not an average monthly or maximum daily limit

* Estimated Value

**REVIEW OF NPDES PERMITS AND DATA COMPILATIONS
FOR FACILITIES DISCHARGING INTO THE QUINNIPIAC
RIVER, CT
JANUARY 2000 – APRIL 2001**

**APPENDIX XIV:
DATA TABLES COMPILED FROM DMR REPORTS**

**COMPILED BY: THOMAS LUBEN
CENTER FOR COASTAL AND WATERSHED SYSTEMS
SCHOOL OF FORESTRY AND ENVIRONMENTAL STUDIES
YALE UNIVERSITY**

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NPDES Appendix – List of Abbreviations

(Ave) –	Average Daily Concentration
BOD –	Biological Oxygen Demand
Deg F –	Degrees Fahrenheit
Ft -	Feet
GPD –	Gallons per Day
GPM –	Gallons per Minute
gr/D –	Grams per Day
hr/D –	Hours per Day
kg/D –	Kilograms per Day
lb/D –	Pound per Day
(Max) –	Maximum Monthly Concentration
MGD –	Million Gallons per Day
mg/Kg –	Milligrams per Killigram
mg/L –	Milligrams per Liter
(Min) –	Minimum Monthly Concentration
µg/L –	Micrograms per Liter
NPDES –	National Pollutant Discharge Elimination System
NTU –	Nephelometric Turbidity Units
P/F –	Pass/Fail
POTW –	Publicly Owned Treatment Works
ppt –	Parts per trillion
SU –	Standard Unit
SVI –	Sludge Volume Index
#/100 ml –	Number per 100 Milliliters

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	03-Jan-00	10-Jan-00	17-Jan-00	24-Jan-00	01-Feb-00	07-Feb-00	14-Feb-00	21-Feb-00	01-Mar-00	06-Mar-00
Copper, Total	mg/L	0.011	0.014	0.013	0.02	0.021	0.014	0.026	0.022	0.028	0.016
Zinc, Total	mg/L	0.066	0.063	0.071	0.072	0.066	0.08	0.075	0.078	0.073	0.077

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	13-Mar-00	20-Mar-00	27-Mar-00	03-Apr-00	10-Apr-00	17-Apr-00	24-Apr-00	01-May-00	08-May-00	15-May-00
Copper, Total	mg/L	0.012	0.023	0.019	0.042	0.018	0.016	0.015	0.021	0.024	0.029
Zinc, Total	mg/L	0.031	0.067	0.075	0.085	0.063	0.057	0.056	0.07	0.08	0.086

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	22-May-00	01-Jun-00	05-Jun-00	12-Jun-00	19-Jun-00	26-Jun-00	03-Jul-00	10-Jul-00	17-Jul-00	24-Jul-00
Copper, Total	mg/L	0.021	0.026	0.033	0.026	0.048	0.031	0.032	0.028	0.017	0.023
Zinc, Total	mg/L	0.084	0.069	0.077	0.08	0.103	0.08	0.071	0.088	0.084	0.063

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	01-Aug-00	07-Aug-00	14-Aug-00	21-Aug-00	28-Aug-00	01-Sep-00	04-Sep-00	11-Sep-00	18-Sep-00	02-Oct-00
Copper, Total	mg/L	0.022	0.026	0.022	0.023	0.022	0.025	0.031	0.032	0.03	0.021
Zinc, Total	mg/L	0.074	0.082	0.072	0.068	0.079	0.083	0.092	0.079	0.085	0.075

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	09-Oct-00	16-Oct-00	23-Oct-00	01-Nov-00	06-Nov-00	13-Nov-00	20-Nov-00	27-Nov-00	01-Dec-00	04-Dec-00
Copper, Total	mg/L	0.034	0.014	0.015	0.033	0.025	0.044	0.045	0.038	0.031	0.034
Zinc, Total	mg/L	0.098	0.076	0.094	0.094	0.059	0.095	0.097	0.102	0.096	0.115

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	11-Dec-00	18-Dec-00	02-Jan-01	08-Jan-01	15-Jan-01	22-Jan-01	01-Feb-01	05-Feb-01	12-Feb-01	19-Feb-01
Copper, Total	mg/L	0.031	0.034	0.045	0.035	0.026	0.025	0.032	0.02	0.016	0.019
Zinc, Total	mg/L	0.1	0.091	0.101	0.084	0.079	0.091	0.075	0.075	0.064	0.06

Table 1

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Site 001.1.1Town of Cheshire, CT
POTW

Parameter	Units	01-Mar-01	05-Mar-01	12-Mar-01	19-Mar-01	26-Mar-01	02-Apr-01	09-Apr-01	16-Apr-01	23-Apr-01
Copper, Total	mg/L	0.03	0.027	0.027	0.012	0.015	0.026	0.033	0.042	0.028
Zinc, Total	mg/L	0.068	0.077	0.065	0.039	0.044	0.054	0.053	0.073	0.075

Table 2

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Cheshire, CT
POTW

001.1.1

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5 Day (Ave)	mg/L	5	5	4	5	3	4	2	3	5
BOD 5 Day (Max)	mg/L	6	7	5	8	5	9	4	4	7
Chlorine, Total Residual (Max)	mg/L	--	--	--	--	0.1	0.1	0.09	0.11	0.04
Copper, Total (Ave)	mg/L	0.015	0.021	0.02	0.023	0.024	0.033	0.025	0.023	0.03
Copper, Total (Max)	mg/L	0.02	0.026	0.028	0.042	0.029	0.048	0.032	0.026	0.032
Dissolved Oxygen (Min)	mg/L	9	9.8	10.6	9.7	8.6	8.2	8.7	8.6	8.2
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	24
Fecal Coliform General (Ave)	#/100 ml	--	--	--	--	5	8	4	8	10
Fecal Coliform General (Max)	#/100 ml	--	--	--	--	5	16	5	13	20
Flow, Day of Sampling (Max)	MGD	2.81	2.96	3.06	2.37	2.82	3.47	2.38	2.6	2.18
Flow, In Conduit Or Through (Ave)	MGD	2.52	2.46	2.82	2.84	2.62	2.77	2.21	2.35	2.04
Nitrogen, Ammonia Total (Ave)	mg/L	0.04	0.1	0.07	0.03	0.02	0.15	0.04	0.69	1.34
Nitrogen, Ammonia Total (Max)	mg/L	0.32	0.64	0.32	0.21	0.1	0.32	0.1	3.4	3.6
Nitrogen, Kjeldahl Total (Ave)	mg/L	1.2	1.64	1.09	1.96	1.2	1.41	1.2	0.76	4.3
Nitrogen, Kjeldahl Total (Max)	mg/L	1.2	1.64	1.09	1.96	1.2	1.41	1.2	0.76	4.3
Nitrogen, Nitrate Total (Ave)	mg/L	22	31	30.5	31	26	13.5	28	26	26
Nitrogen, Nitrate Total (Max)	mg/L	22	31	30.5	31	26	13.5	28	26	26
Nitrogen, Nitrite Total (Ave)	mg/L	0.05	0.04	0.05	0.4	0.02	0.03	0.01	0.02	0.21
Nitrogen, Nitrite Total (Max)	mg/L	0.05	0.04	0.05	0.4	0.02	0.03	0.01	0.02	0.21
Nitrogen, Total (Ave)	mg/L	23.25	32.68	31.64	33.36	27.22	14.94	29.21	26.78	30.51
Nitrogen, Total (Max)	mg/L	23.25	32.68	31.64	33.36	27.22	14.94	29.21	26.78	30.51
Orthophosphate, Total (Ave)	mg/L	--	--	--	4.4	3.2	2.8	3.9	3.7	4.9
Orthophosphate, Total (Max)	mg/L	--	--	--	4.4	3.2	2.8	3.9	3.7	4.9
pH (Max)	SU	7	7.1	7	7	6.9	7	6.9	7.2	7
pH (Min)	SU	6.6	6.7	6.7	6.6	6.6	6.4	6.7	6.8	6.6
Phosphorus, Total (Ave)	mg/L	4	4.2	3.1	4.8	3.7	3.3	4.5	4.1	5
Phosphorus, Total (Max)	mg/L	4	4.2	3.1	4.8	3.7	3.3	4.5	4.1	5
Solids, Seteable (Max)	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Solids, Total Suspended (Ave)	mg/L	5	5	3	5	6	5	3	5	5
Solids, Total Suspended (Max)	mg/L	7	7	4	7	15	9	5	7	8
Temperature, Water Degrees (Max)	Deg F	61	56	57	58	65	67	68	70	71
Zinc, Total (Ave)	mg/L	0.068	0.075	0.065	0.065	0.08	0.082	0.077	0.075	0.085
Zinc, Total (Max)	mg/L	0.072	0.082	0.077	0.085	0.086	0.103	0.088	0.082	0.092

Table 2

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Cheshire, CT
POTW

001.1.1

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5 Day (Ave)	mg/L	7	7	> 11	18	14	9	9
BOD 5 Day (Max)	mg/L	10	10	20	24	21	15	17
Chlorine, Total Residual (Max)	mg/L	--	--	--	--	--	--	--
Copper, Total (Ave)	mg/L	0.021	0.037	0.033	0.033	0.022	0.022	0.032
Copper, Total (Max)	mg/L	0.034	0.045	0.034	0.045	0.032	0.03	0.042
Dissolved Oxygen (Min)	mg/L	8.2	8.2	8.9	8.2	8.3	8.3	8.2
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24
Fecal Coliform General (Ave)	#/100 ml	--	--	--	--	--	--	--
Fecal Coliform General (Max)	#/100 ml	--	--	--	--	--	--	--
Flow, Day of Sampling (Max)	MGD	2.06	2.1	2.74	2.23	2.84	8	4.74
Flow, In Conduit Or Through (Ave)	MGD	1.96	2.01	2.31	2.18	2.48	4.11	3.36
Nitrogen, Ammonia Total (Ave)	mg/L	0.65	0.56	1.4	2.6	1.4	1.14	0.86
Nitrogen, Ammonia Total (Max)	mg/L	1.53	1.64	2.7	3.2	1.9	1.54	2.18
Nitrogen, Kjeldahl Total (Ave)	mg/L	1.5	1.01	4.4	4.4	4.1	2.7	2.3
Nitrogen, Kjeldahl Total (Max)	mg/L	1.5	1.01	4.4	4.4	4.1	2.7	2.3
Nitrogen, Nitrate Total (Ave)	mg/L	32.5	32.5	22	24	24.8	14	24
Nitrogen, Nitrate Total (Max)	mg/L	32.5	32.5	22	24	24.8	14	24
Nitrogen, Nitrite Total (Ave)	mg/L	0.28	0.05	0.75	1.9	1.25	0.63	0.74
Nitrogen, Nitrite Total (Max)	mg/L	0.28	0.05	0.75	1.9	1.25	0.63	0.74
Nitrogen, Total (Ave)	mg/L	34.28	33.56	27.15	30.3	30.15	17.3	27.04
Nitrogen, Total (Max)	mg/L	34.28	33.56	27.15	30.3	30.15	17.3	27.04
Orthophosphate, Total (Ave)	mg/L	--	--	--	--	--	--	3.5
Orthophosphate, Total (Max)	mg/L	--	--	--	--	--	--	3.5
pH (Max)	SU	7.3	7.5	7.3	7.2	7.2	7.2	7.2
pH (Min)	SU	6.7	6.9	6.9	6.9	6.8	6.7	6.7
Phosphorus, Total (Ave)	mg/L	5.3	4.9	5.4	5.2	2.4	2.9	4.2
Phosphorus, Total (Max)	mg/L	5.3	4.9	5.4	5.2	2.4	2.9	4.2
Solids, Seteable (Max)	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Solids, Total Suspended (Ave)	mg/L	4	4	7	6	5	4	5
Solids, Total Suspended (Max)	mg/L	6	6	8	9	11	7	11
Temperature, Water Degrees (Max)	Deg F	68	67	60	56	57	55	60
Zinc, Total (Ave)	mg/L	0.086	0.089	0.096	0.089	0.069	0.059	0.064
Zinc, Total (Max)	mg/L	0.098	0.102	0.115	0.101	0.075	0.077	0.075

Table 2

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Cheshire, CT
POTW

001.1.G

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5 Day (Ave)	mg/L	176	152	127	130	136	108	201	176	168
BOD 5 Day (Max)	mg/L	222	194	176	188	210	167	278	254	230
Nitrogen, Ammonia Total (Ave)	mg/L	16.6	17.3	13.7	14.4	14.5	14.2	16.1	15.5	19.4
Nitrogen, Ammonia Total (Max)	mg/L	18.5	20.2	16.4	17.2	16.7	16.3	18.1	17.3	20.7
Nitrogen, Kjeldahl Total (Max)	mg/L	22.1	29.4	19.6	27.1	22.5	18.1	26.7	22.9	29.2
Nitrogen, Nitrate Total (Max)	mg/L	1.1	0.94	2.1	1	1.2	1.6	0.4	0.4	0.36
Nitrogen, Nitrite Total (Max)	mg/L	0.02	0.15	0.23	0.2	0.16	0.22	0.14	0.22	0.46
Nitrogen, Total (Max)	mg/L	23.42	30.49	21.93	28.3	23.86	19.92	27.24	23.52	30.02
pH (Max)	SU	7.3	7.4	7.4	7.3	7.4	7.3	7.1	7.1	7.2
pH (Min)	SU	6.9	7	7	6.9	6.9	6.7	6.7	6.8	6.8
Phosphorus, Total (Max)	mg/L	4.2	4.9	3.9	7.8	4.1	3.7	5.3	3.7	5.1
Solids, Total Suspended (Ave)	mg/L	186	188	146	179	174	155	189	180	222
Solids, Total Suspended (Max)	mg/L	260	226	185	303	315	205	243	271	261
Temperature, Water Degrees (Max)	Deg F	59	56	57	59	61	64	68	67	68

001.1.K

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day Percent Removal (Min)	Percent	97.2	96.7	96.9	96.2	97.8	96.3	99	98.3	97
Solids, Suspended % (Min)	Percent	97.3	97.3	97.9	97.2	96.6	96.8	98.4	97.2	97.7

001.1.P

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (20 Deg C) (Ave)	mg/L	117	96	81	84	68	74	127	101	99
BOD 5-Day (20 Deg C) (Max)	mg/L	170	111	97	113	83	103	154	148	205
Nitrogen, Ammonia Total (Max)	mg/L	17.2	21.2	16	23.5	20.4	15.9	23.4	20.5	22.4
Nitrogen, Kjeldahl Total (Max)	mg/L	27.4	30.5	24.3	32.7	27.8	23.4	33.9	26.1	31.6
Nitrogen, Nitrate Total (Max)	mg/L	2.4	3.4	3.3	3.5	1.7	1.8	0.12	1.4	0.88
Nitrogen, Nitrite Total (Max)	mg/L	0.36	0.33	0.35	0.35	0.26	0.28	0.03	0.24	0.13
Nitrogen, Total (Max)	mg/L	30.16	34.23	27.95	36.55	29.76	25.48	34.05	27.74	32.61
Solids, Total Suspended (Ave)	mg/L	90	67	57	62	62	52	87	64	79
Solids, Total Suspended (Max)	mg/L	152	91	85	93	74	68	114	83	211

Table 2

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Cheshire, CT
POTW

001.1.G

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5 Day (Ave)	mg/L	184	209	191	205	177	133	109
BOD 5 Day (Max)	mg/L	238	258	258	232	216	198	136
Nitrogen, Ammonia Total (Ave)	mg/L	21.1	22	19.7	20.6	17.4	10.9	11.4
Nitrogen, Ammonia Total (Max)	mg/L	22.1	23.4	23	21.8	22	18.7	14.5
Nitrogen, Kjeldahl Total (Max)	mg/L	31.1	31.9	35.2	34.4	28.4	15.3	20.2
Nitrogen, Nitrate Total (Max)	mg/L	0.52	0.72	0.2	0.84	1.02	2.3	1.5
Nitrogen, Nitrite Total (Max)	mg/L	0.41	0.39	0.17	0.21	0.28	0.3	0.18
Nitrogen, Total (Max)	mg/L	32.03	33.01	35.57	35.45	29.7	17.9	21.88
pH (Max)	SU	7.7	7.6	7.6	7.7	7.5	7.6	7.6
pH (Min)	SU	6.8	7.2	7.2	7.3	7.2	7.1	6.9
Phosphorus, Total (Max)	mg/L	7.5	6.6	7	6.3	3.6	4.8	5.4
Solids, Total Suspended (Ave)	mg/L	231	226	206	241	229	141	154
Solids, Total Suspended (Max)	mg/L	295	284	274	305	337	258	265
Temperature, Water Degrees (Max)	Deg F	67	66	62	57	57	56	62

001.1.K

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day Percent Removal (Min)	Percent	96.2	96.7	> 94.2	91.2	92.1	93.2	91.7
Solids, Suspended % (Min)	Percent	98.3	98.2	96.6	97.5	97.8	97.2	96.8

001.1.P

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day (20 Deg C) (Ave)	mg/L	104	123	112	120	107	86	77
BOD 5-Day (20 Deg C) (Max)	mg/L	123	188	130	131	128	117	92
Nitrogen, Ammonia Total (Max)	mg/L	26.3	24.1	27.5	26.4	20.8	11.5	17.8
Nitrogen, Kjeldahl Total (Max)	mg/L	36.1	32.6	35.2	34.2	29.4	19.6	24.5
Nitrogen, Nitrate Total (Max)	mg/L	1.3	0.96	1.2	1.1	2.1	3.4	2.3
Nitrogen, Nitrite Total (Max)	mg/L	0.19	0.18	0.46	0.34	0.48	0.37	0.31
Nitrogen, Total (Max)	mg/L	37.59	33.74	36.86	35.64	31.98	23.37	27.11
Solids, Total Suspended (Ave)	mg/L	68	88	65	68	63	48	52
Solids, Total Suspended (Max)	mg/L	84	217	80	78	77	63	109

Table 3

NPDES Parameters Reported Quarterly
March 2000 - March 2001
Sample Sites 001.1.S 000.1.T

Town of Cheshire, CT
POTW

001.1.S							
Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01	
Arsenic, Total (Max)	mg/Kg	3.84	0.85	0.54	0.44	2.3	
Beryllium, Total (Max)	mg/Kg	3.2	> 0.2	< 0.2	< 0.2	< 0.2	
Cadmium, Sludge, Total Dry (Max)	mg/Kg	3.92	2.39	2.13	1.04	1.04	
Chromium, Sludge, Total Dry (Max)	mg/Kg	34.9	19.58	19.32	13.29	16.75	
Copper Sludge, Total Dry (Max)	mg/Kg	1221	752.6	802.9	572.2	418.4	
Hydrocarbons, Petroleum (Max)	mg/Kg	3534	0.48	3.44	17900	15206	
Lead, Sludge, Total Dry (Max)	mg/Kg	71.38	51.38	73.11	79.93	52.1	
Mercury, Sludge Total Dry (Max)	mg/Kg	5.821	2.473	3.99	2.256	1.492	
Nickel, Sludge Total Dry (Max)	mg/Kg	25.51	16.45	13.06	7.35	17.02	
Nitrogen (As No3) Sludge (Max)	mg/Kg	32,600	38,400	39,000	2,300	15,100	
Nitrogen Ammonia Sludge (Max)	mg/Kg	8,300	4,800	5,200	4,900	7,800	
Nitrogen, Nitrate Total (Max)	mg/Kg	< 1	< 1	< 1	< 1	< 1	
Nitrogen, Nitrite Total (Max)	mg/Kg	< 1	< 1	< 1	< 1	< 1	
Nitrogen, Total (Max)	mg/Kg	40,900	43,200	44,200	7,200	22,900	
PCBs (Max)	mg/Kg	< 1	< 1	< 1	< 1	< 1	
pH (Max)	SU	7	6	6	7.5	6.5	
Solids, Fixed Sludge (Min)	%	29.52	23.23	27.83	23.46	30.54	
Solids, Sludge Total Dry (Min)	%	15.93	23.28	19.44	29.1	14.26	
Solids, Volatile % of (Min)	%	70.48	76.77	72.17	76.36	69.46	
Zinc, Sludge Total Dry Weight (Max)	mg/Kg	1217	801.1	788.6	496.6	438.1	

000.1.T							
Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Jan-01	Mar-01
Antimony, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Arsenic, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Beryllium, Total (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium, Total (Max)	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chlorine, Total Residual (Max)	mg/L	N/A	ND	ND	< 0.05	< 0.05	< 0.05
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total (Max)	mg/L	0.02	0.027	0.023	0.03	0.026	0.007
Cyanide, Free (Amen. To C) (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Lead, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Mercury, Total (Max)	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Nickel, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Nitrogen, Ammonia Total (Max)	mg/L	0.45	0.6	1	0.39	0.7	0.96
Nitrogen, Nitrate Total (Max)	mg/L	27.4	19.1	7.16	33.4	29.4	22.75
Nitrogen, Nitrite Total (Max)	mg/L	0.42	0.05	0.6	0.26	1.24	0.14
P/F Stat 48 Hr Acu D. (Max)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat 48 Hr Acu Pimeph (Max)	P/F	Pass	Pass	Pass	Fail	Pass	Pass
Phosphorus, Total (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Selenium, Total (Max)	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Silver, Total (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Thallium, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc, Total (Max)	mg/L	0.1	0.074	0.089	0.09	0.11	0.036

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1		Parameter	Units	01-Jan-00	07-Jan-00	14-Jan-00	21-Jan-00	01-Feb-00	07-Feb-00	14-Feb-00	21-Feb-00	01-Mar-00
		Copper, Total	kg/D	0.3861	0.3742	0.3062	0.3497	0.3644	0.5511	0.4012	0.4133	0.4576
		Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
		Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
		Nitrogen Ammonia Total	mg/L	0.677	1.45	0.974	1.52	2.42	4.78	5.54	4.73	4.55
		Nitrogen Kjeldahl Total	mg/L	2.34	3.42	2.2	3.6	5.77	8.27	8.7	9.52	7.15
		Nitrogen, Nitrate Total	mg/L	3.37	2.64	2.87	1.92	2.55	2.38	1.9	1.5	3.39
		Nitrogen, Nitrite Total	mg/L	--	--	--	--	--	--	--	--	--
		Nitrogen, Total	mg/L	--	--	--	--	--	--	--	--	--
		Orthophosphate, Total	mg/L	--	--	--	--	2.35	--	--	1.81	2.04
		Orthophosphate, Total	SU	--	--	--	--	--	2.28	1.7	--	--
		Phosphorus, Total	mg/L	--	--	--	--	3.2	--	2.52	--	3.92
		Zinc, Total	kg/D	0.8257	0.8577	0.6553	0.6772	0.8262	0.9508	1.067	1.199	--

001.1.G		Parameter	Units	01-Jan-00	07-Jan-00	14-Jan-00	anaury 21, 200	01-Feb-00	07-Feb-00	14-Feb-00	21-Feb-00	01-Mar-00
		Copper, Total	kg/D	2.489	2.854	2.954	2.865	3.487	2.653	2.964	4.973	--
		Nitrogen Ammonia Total	mg/L	10.16	8.65	14	12.73	11.58	9.98	10.36	11.12	--
		Nitrogen Kjeldahl Total	mg/L	18.56	16.94	28.65	24.6	26.68	24.93	31.12	29.82	--
		Nitrogen, Nitrate Total	mg/L	0.838	0.843	0.623	0.552	0.583	1.07	0.478	0.703	--
		Nitrogen, Nitrite Total	mg/L	0.095	0.113	0.143	0.115	0.083	0.27	0.09	0.093	--
		Nitrogen, Total	kg/D	--	--	--	--	--	27.09	31.69	30.62	--
		Nitrogen, Total	mg/L	19.49	17.97	29.42	25.26	27.35	--	--	--	--
		Zinc, Total	kg/D	3.983	3.497	3.632	3.183	4.071	3.479	4.039	4.646	--

001.1.K		Parameter	Units	01-Jan-00	07-Jan-00	14-Jan-00	21-Jan-00	01-Feb-00	07-Feb-00	14-Feb-00	21-Feb-00	01-Mar-00
		BOD 5-Day Percent Removal	percent	95.1	93.8	95	92.4	93.2	87.9	85.9	86.2	84.2
		Solids, Suspended %	percent	93.4	94.9	95.9	89.7	85.7	90.2	92.4	85.9	90.1

001.1.P		Parameter	Units	01-Jan-00	07-Jan-00	14-Jan-00	21-Jan-00	01-Feb-00	07-Feb-00	14-Feb-00	21-Feb-00	01-Mar-00
		BOD 5-Day	mg/L	136	134	118	116	142	122	106	122	102
		Nitrogen Ammonia Total	mg/L	12.55	12.23	18.61	17.45	11	10.01	10.31	10.26	9.92
		Nitrogen Kjeldahl Total	mg/L	21.73	20	30.36	28.83	23.06	22.98	26.32	24.75	14.97
		Nitrogen, Nitrate Total	mg/L	0.757	0.867	0.5	0.468	0.67	1.92	0.485	0.657	0.995
		Nitrogen, Nitrite Total	mg/L	0.11	0.135	0.1	0.132	0.097	0.338	0.143	0.088	0.152
		Nitrogen, Total	mg/L	22.6	20.98	30.98	29.47	23.83	25.16	26.95	25.49	16.12
		Solids, Total Suspended	mg/L	51.67	43.5	51.67	78.33	49	59	58	42	48

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	07-Mar-00	14-Mar-00	21-Mar-00	28-Mar-00	01-Apr-00	07-Apr-00	14-Apr-00	21-Apr-00	01-May-00
Copper, Total	kg/D	0.6737	1.387	0.4684	0.5575	0.5814	0.6213	0.8489	1.052	0.7786
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total	mg/L	5.38	2.99	2.57	2.76	--	--	--	--	--
Nitrogen Kjeldahl Total	mg/L	6.02	4.06	3.67	3.74	7.35	6.13	9.2	7.16	8.16
Nitrogen, Nitrate Total	mg/L	2.86	2.81	3.28	2.11	2.37	2.48	2.45	3.77	2.48
Nitrogen, Nitrite Total	mg/L	--	--	--	0.171	--	--	--	--	--
Nitrogen, Total	mg/L	--	--	--	6.42	--	--	--	--	--
Orthophosphate, Total	mg/L	1.31	1.42	1.27	1.74	1.28	--	--	1.79	1.64
Orthophosphate, Total	SU	--	--	--	--	--	1.94	1.86	--	--
Phosphorus, Total	mg/L	--	2.1	--	3.31	2.1	--	3.15	--	1.5
Zinc, Total	kg/D	--	--	--	--	0.7304	0.8272	1.825	1.594	1.128

001.1.G

Parameter	Units	07-Mar-00	14-Mar-00	21-Mar-00	28-Mar-00	01-Apr-00	07-Apr-00	14-Apr-00	21-Apr-00	01-May-00
Copper, Total	kg/D	--	--	--	--	4.382	4.225	8.192	9.606	5.313
Nitrogen Ammonia Total	mg/L	--	--	--	--	13.4	13.35	13.05	12.86	4.18
Nitrogen Kjeldahl Total	mg/L	--	--	--	--	25.7	24.42	29.8	28.13	28.5
Nitrogen, Nitrate Total	mg/L	--	--	--	--	0.712	0.545	0.41	1.16	2.48
Nitrogen, Nitrite Total	mg/L	--	--	--	--	0.064	0.128	0.14	0.145	0.161
Nitrogen, Total	kg/D	--	--	--	--	--	28.68	30.35	29.4	--
Nitrogen, Total	mg/L	--	--	--	--	30.3	--	--	--	29.5
Zinc, Total	kg/D	--	--	--	--	4.727	5.905	10.887	9.101	8.868

001.1.K

Parameter	Units	07-Mar-00	14-Mar-00	21-Mar-00	28-Mar-00	01-Apr-00	07-Apr-00	14-Apr-00	21-Apr-00	01-May-00
BOD 5-Day Percent Removal	percent	94.1	89.4	96.4	96.1	96	95	89.4	76.7	92.9
Solids, Suspended %	percent	95.2	95	98.1	98.2	96.7	95.1	94.2	76.4	93.3

001.1.P

Parameter	Units	07-Mar-00	14-Mar-00	21-Mar-00	28-Mar-00	01-Apr-00	07-Apr-00	14-Apr-00	21-Apr-00	01-May-00
BOD 5-Day	mg/L	164	62	84	86	126	164	144	132	108
Nitrogen Ammonia Total	mg/L	10.25	9.59	9.37	8.16	12.83	11.07	9.9	12.05	11.1
Nitrogen Kjeldahl Total	mg/L	16.04	18.52	14.31	15.04	20.9	22.05	19.4	23.6	23.4
Nitrogen, Nitrate Total	mg/L	0.658	1.01	0.912	0.652	0.707	0.67	0.7	1.45	0.755
Nitrogen, Nitrite Total	mg/L	0.108	0.125	0.112	0.115	0.07	0.116	0.1	0.127	0.112
Nitrogen, Total	mg/L	16.8	19.78	15.34	16.36	16.63	22.89	20.2	24.6	24.3
Solids, Total Suspended	mg/L	52	37	44	49	43	49	44	45	54

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	07-May-00	14-May-00	21-May-00	28-May-00	01-Jun-00	07-Jun-00	14-Jun-00	21-Jun-00	28-Jun-00
Copper, Total	kg/D	0.536	0.8609	0.8339	--	0.3561	0.6586	0.3787	0.3522	0.5437
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	1.6
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	8
Nitrogen Ammonia Total	mg/L	--	--	--	--	--	--	--	--	--
Nitrogen Kjeldahl Total	mg/L	4.81	2.92	1.47	--	1.95	5.58	3.64	2.16	2.45
Nitrogen, Nitrate Total	mg/L	2.31	4.23	2.65	--	3.25	3.21	2.87	4.34	4.22
Nitrogen, Nitrite Total	mg/L	--	--	--	--	--	--	--	--	0.065
Nitrogen, Total	mg/L	--	--	--	--	--	--	--	--	6.74
Orthophosphate, Total	mg/L	--	--	1.59	--	1.6	2.07	2.01	2	1.64
Orthophosphate, Total	SU	1.9	1.73	--	--	--	--	--	--	--
Phosphorus, Total	mg/L	--	1.1	--	2.76	3.05	--	3.25	--	--
Zinc, Total	kg/D	1.19	1.17	1.405	--	0.786	0.9747	1.397	1.064	1.036

001.1.G

Parameter	Units	07-May-00	14-May-00	21-May-00	01-Jun-00	07-Jun-00	14-Jun-00	21-Jun-00	28-Jun-00	01-Jul-00
Copper, Total	kg/D	5.129	3.961	4.432	5.224	5.69	7.896	3.971	4.496	3.688
Nitrogen Ammonia Total	mg/L	3.34	1.58	2	13.76	14.15	15.51	14.62	13.93	20.05
Nitrogen Kjeldahl Total	mg/L	38.4	26.2	20.8	22.42	23.73	25.43	26.04	26.33	36.95
Nitrogen, Nitrate Total	mg/L	2.31	4.23	2.65	0.415	0.728	0.367	0.423	0.633	0.58
Nitrogen, Nitrite Total	mg/L	0.178	0.125	0.085	0.085	0.105	0.093	0.197	0.083	0.087
Nitrogen, Total	kg/D	32.6	27	21	--	24.57	25.89	26.67	--	--
Nitrogen, Total	mg/L	--	--	--	22.92	--	--	--	27.03	37.61
Zinc, Total	kg/D	7.291	7.107	8.999	7.659	7.96	8.288	8.767	6.009	6.013

001.1.K

Parameter	Units	07-May-00	14-May-00	21-May-00	28-May-00	01-Jun-00	07-Jun-00	14-Jun-00	21-Jun-00	28-Jun-00
BOD 5-Day Percent Removal	percent	97.4	97.3	98.1	98.3	98.6	95.6	98.2	97.6	98.6
Solids, Suspended %	percent	96.5	96.8	97.6	98.2	98.1	97.3	97.3	97.4	97.4

001.1.P

Parameter	Units	07-May-00	14-May-00	21-May-00	28-May-00	01-Jun-00	07-Jun-00	14-Jun-00	21-Jun-00	28-Jun-00
BOD 5-Day	mg/L	122	94	114	114	172	68	90	126	144
Nitrogen Ammonia Total	mg/L	14.9	9.13	7.73	7.7	12.73	12.3	15.08	13.51	13.57
Nitrogen Kjeldahl Total	mg/L	30.3	19.2	16.7	14.9	22.15	22.11	24.6	25.76	25.07
Nitrogen, Nitrate Total	mg/L	0.872	0.508	0.45	0.625	0.687	0.753	0.43	0.53	0.463
Nitrogen, Nitrite Total	mg/L	0.277	0.095	0.117	0.115	0.2	0.18	0.193	0.283	0.07
Nitrogen, Total	mg/L	31.4	19.8	17.2	15.8	23.04	23.04	25.23	26.57	25.63
Solids, Total Suspended	mg/L	46	49	41	52	43	44	53	51	48

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	01-Jul-00	07-Jul-00	14-Jul-00	21-Jul-00	01-Aug-00	07-Aug-00	14-Aug-00	21-Aug-00	28-Aug-00
Copper, Total	kg/D	0.5481	0.5477	0.6377	0.4753	0.3852	0.4179	0.2865	0.3706	--
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total	mg/L	--	--	--	--	--	--	--	--	--
Nitrogen Kjeldahl Total	mg/L	2.69	2.95	2.7	2.27	3.7	2.69	2.13	1.92	2.39
Nitrogen, Nitrate Total	mg/L	8.55	7.63	8.8	10.31	5.9	7.28	7.28	6.68	7.6
Nitrogen, Nitrite Total	mg/L	--	--	--	--	--	--	--	--	0.038
Nitrogen, Total	mg/L	--	--	--	--	--	--	--	--	10.03
Orthophosphate, Total	mg/L	--	--	--	--	1.53	3.26	2.66	1.32	0.99
Orthophosphate, Total	SU	--	--	--	--	--	--	--	--	--
Phosphorus, Total	mg/L	2	--	2.75	--	2.5	--	4.2	--	1.65
Zinc, Total	kg/D	0.9478	0.9919	1.125	1.229	0.7485	0.8427	0.7607	0.667	--

001.1.G

Parameter	Units	07-Jul-00	14-Jul-00	21-Jul-00	01-Aug-00	07-Aug-00	14-Aug-00	21-Aug-00	28-Aug-00	01-Sep-00
Copper, Total	kg/D	3.886	5.06	3.461	6.926	7.337	6.751	7.431	--	8.036
Nitrogen Ammonia Total	mg/L	20.61	19.72	22.02	15.82	16.73	14.38	23.53	12.35	23.19
Nitrogen Kjeldahl Total	mg/L	37.98	37.55	44.27	46.5	39.51	41.99	56.06	52.09	38.32
Nitrogen, Nitrate Total	mg/L	0.668	0.518	0.606	0.555	0.645	0.687	0.53	0.71	0.785
Nitrogen, Nitrite Total	mg/L	0.098	0.082	0.093	0.112	0.188	0.213	0.17	0.19	0.115
Nitrogen, Total	kg/D	38.74	38.15	44.97	--	40.35	42.89	56.76	--	--
Nitrogen, Total	mg/L	--	--	--	47.17	--	--	--	52.99	39.32
Zinc, Total	kg/D	5.169	5.11	5.462	8.019	8.716	6.111	7.141	--	7.492

001.1.K

Parameter	Units	01-Jul-00	07-Jul-00	14-Jul-00	21-Jul-00	01-Aug-00	07-Aug-00	14-Aug-00	21-Aug-00	28-Aug-00
BOD 5-Day Percent Removal	percent	98	98.5	98.7	98.8	97.5	97.3	98.5	97.7	98.2
Solids, Suspended %	percent	97.5	97.5	98.1	98.7	98.5	97.1	97.5	99.1	98

001.1.P

Parameter	Units	01-Jul-00	07-Jul-00	14-Jul-00	21-Jul-00	01-Aug-00	07-Aug-00	14-Aug-00	August 21, 2000	28-Aug-00
BOD 5-Day	mg/L	98	126	156	151	68	66	52	48	132
Nitrogen Ammonia Total	mg/L	19.24	22.58	20.19	24.18	18.17	22.09	24.18	28.82	33.33
Nitrogen Kjeldahl Total	mg/L	38.97	35.31	32.96	37.29	31.76	33.82	35.11	40.11	42.74
Nitrogen, Nitrate Total	mg/L	0.58	0.628	0.552	0.595	0.527	0.555	0.585	0.58	0.52
Nitrogen, Nitrite Total	mg/L	0.153	0.072	0.215	0.138	0.137	0.073	0.117	0.086	0.08
Nitrogen, Total	mg/L	39.7	36	33.72	38.07	32.45	36.12	35.76	40.77	43.34
Solids, Total Suspended	mg/L	46	47	46	52	59	51	44	52	50

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	01-Sep-00	07-Sep-00	14-Sep-00	21-Sep-00	28-Sep-00	01-Oct-00	07-Oct-00	14-Oct-00	21-Oct-00
Copper, Total	kg/D	0.371	0.2573	0.3011	0.3529	0.3592	0.362	0.2996	0.4878	0.3974
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total	mg/L	--	--	--	--	--	--	--	--	--
Nitrogen Kjeldahl Total	mg/L	4	2	2.02	5.48	3.12	9.97	8.07	11.63	14.33
Nitrogen, Nitrate Total	mg/L	9.59	10.99	9.05	6.48	3.3	2.55	1.4	2.33	0.957
Nitrogen, Nitrite Total	mg/L	--	--	--	--	0.061	--	--	--	--
Nitrogen, Total	mg/L	--	--	--	--	6.47	--	--	--	--
Orthophosphate, Total	mg/L	2.02	2.23	3.12	3.4	1.13	1.48	2.02	3.02	2.37
Orthophosphate, Total	SU	--	--	--	--	--	--	--	--	--
Phosphorus, Total	mg/L	--	--	3.5	--	2.3	--	3	--	3.1
Zinc, Total	kg/D	0.5641	0.5396	0.7139	0.6327	0.572	0.7432	0.5991	0.9893	0.9061

001.1.G

Parameter	Units	07-Sep-00	14-Sep-00	21-Sep-00	28-Sep-00	01-Oct-00	07-Oct-00	14-Oct-00	21-Oct-00	01-Nov-00
Copper, Total	kg/D	4.512	6.546	7.831	5.838	6.839	4.116	8.178	5.265	5.903
Nitrogen Ammonia Total	mg/L	20.32	15.19	14.68	18.01	33.48	34.74	27.9	34.6	30.66
Nitrogen Kjeldahl Total	mg/L	49.64	47.47	51.47	45.9	58.8	58.4	57.53	60	49.35
Nitrogen, Nitrate Total	mg/L	0.773	0.653	0.583	0.622	0.653	0.638	0.561	0.615	0.633
Nitrogen, Nitrite Total	mg/L	0.178	0.147	0.117	0.142	0.125	0.095	0.114	0.117	0.167
Nitrogen, Total	kg/D	50.29	48.27	52.17	--	--	59.13	58.21	60.73	--
Nitrogen, Total	mg/L	--	--	--	46.67	59.5	--	--	--	50.15
Zinc, Total	kg/D	6.043	5.253	6.351	6.673	6.648	4.657	7.001	5.715	6.285

001.1.K

Parameter	Units	01-Sep-00	07-Sep-00	14-Sep-00	21-Sep-00	28-Sep-00	01-Oct-00	07-Oct-00	14-Oct-00	21-Oct-00
BOD 5-Day Percent Removal	percent	98.7	99.4	98	97.4	98.5	96.1	93.4	95.2	91.9
Solids, Suspended %	percent	97.6	98.9	98.3	98.1	98.4	98.5	95.6	97	95.3

001.1.P

Parameter	Units	01-Sep-00	07-Sep-00	14-Sep-00	21-Sep-00	28-Sep-00	01-Oct-00	07-Oct-00	14-Oct-00	21-Oct-00
BOD 5-Day	mg/L	144	108	124	126	112	195	184	176	292
Nitrogen Ammonia Total	mg/L	23.4	32.35	21.42	13.58	14.75	29.96	30.25	30.57	31.29
Nitrogen Kjeldahl Total	mg/L	39.86	49.43	38.19	28.76	26.66	41.6	41.91	49.7	48.45
Nitrogen, Nitrate Total	mg/L	0.625	0.603	0.582	0.692	0.575	0.768	0.642	0.648	0.582
Nitrogen, Nitrite Total	mg/L	0.075	0.098	0.085	0.103	0.092	0.083	0.092	0.103	0.085
Nitrogen, Total	mg/L	40.56	50.13	38.87	29.56	27.33	42.45	42.65	50.45	49.11
Solids, Total Suspended	mg/L	40	51	54	580	207	72	54	60	54

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	01-Nov-00	07-Nov-00	14-Nov-00	21-Nov-00	28-Nov-00	01-Dec-00	07-Dec-00	14-Dec-00	21-Dec-00
Copper, Total	kg/D	0.702	0.5126	0.4845	0.5208	--	0.5984	0.6288	0.4674	0.8975
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total	mg/L	5.03	2.09	3.08	3.45	6.94	12.94	13.01	14.04	6.42
Nitrogen Kjeldahl Total	mg/L	9.82	4.12	5.63	6.67	18.55	18.79	17.21	17.55	10.91
Nitrogen, Nitrate Total	mg/L	12.1	12.29	15.44	13.07	7.89	10.07	11.11	9.69	10.83
Nitrogen, Nitrite Total	mg/L	--	--	--	--	0.046	--	--	--	--
Nitrogen, Total	mg/L	--	--	--	--	26.48	--	--	--	--
Orthophosphate, Total	mg/L	1.79	2.22	2.92	2.05	3.85	2.67	2.2	0.73	2.31
Orthophosphate, Total	SU	--	--	--	--	--	--	--	--	--
Phosphorus, Total	mg/L	2.1	3.05	3.9	2.2	5.6	--	2.3	2	3.2
Zinc, Total	kg/D	0.6995	0.8991	0.7752	0.9175	--	0.8494	0.8562	0.9475	1.32

001.1.G

Parameter	Units	07-Nov-00	14-Nov-00	21-Nov-00	28-Nov-00	01-Dec-00	07-Dec-00	14-Dec-00	21-Dec-00	28-Dec-00
Copper, Total	kg/D	5.297	6.386	6.592	--	7.435	7.266	6.686	10.433	7.671
Nitrogen Ammonia Total	mg/L	17.54	21.89	17.79	20.65	23.13	24.98	18.36	9.37	18.01
Nitrogen Kjeldahl Total	mg/L	37.38	34.16	36.95	42.64	44.09	43.84	40.41	23.15	11.39
Nitrogen, Nitrate Total	mg/L	0.638	0.505	0.635	0.533	0.175	0.212	0.228	1.1	33434
Nitrogen, Nitrite Total	mg/L	0.113	0.195	0.12	0.118	0.14	0.113	0.087	0.121	0.465
Nitrogen, Total	kg/D	38.53	34.78	37.7	--	--	44.16	40.72	24.45	--
Nitrogen, Total	mg/L	--	--	--	43.1	44.41	--	--	--	0.115
Zinc, Total	kg/D	7.21	5.781	6.095	--	7.142	6.3	7.013	8.237	7.055

001.1.K

Parameter	Units	01-Nov-00	07-Nov-00	14-Nov-00	21-Nov-00	28-Nov-00	01-Dec-00	07-Dec-00	14-Dec-00	21-Dec-00
BOD 5-Day Percent Removal	percent	93.2	96.3	94.9	94.7	83.6	95.1	89.2	96.6	88.2
Solids, Suspended %	percent	93.4	97.5	95.7	97	64.8	92.4	93	97.5	84.9

001.1.P

Parameter	Units	01-Nov-00	07-Nov-00	14-Nov-00	21-Nov-00	28-Nov-00	01-Dec-00	07-Dec-00	14-Dec-00	21-Dec-00
BOD 5-Day	mg/L	224	195	156	105	138	210	70	104	206
Nitrogen Ammonia Total	mg/L	31.86	24.43	26.88	20.58	27.54	26.87	28.9	23.73	13.09
Nitrogen Kjeldahl Total	mg/L	44.72	36.81	37.5	27.64	43.2	48.18	44.19	41.21	25.68
Nitrogen, Nitrate Total	mg/L	0.62	0.695	1.12	0.65	0.605	0.088	0.187	0.156	1.16
Nitrogen, Nitrite Total	mg/L	0.113	0.105	0.252	0.1	0.095	0.13	0.103	0.06	0.164
Nitrogen, Total	mg/L	45.45	37.61	38.87	28.05	43.78	48.4	44.48	41.45	27.01
Solids, Total Suspended	mg/L	64	63	79	62	179	198	139	100	48

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	21-Dec-00	01-Jan-01	07-Jan-01	14-Jan-01	January 21, 200	28-Jan-01	01-Feb-01	07-Feb-01	14-Feb-01
Copper, Total	kg/D	0.4376	0.491	0.4531	0.5068	0.7048	--	0.755	0.689	0.6797
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total	mg/L	10.65	4.34	3.52	8.93	9.93	6.67	2.1	7.3	10.1
Nitrogen Kjeldahl Total	mg/L	10.6	5.81	5.78	13.7	15.81	9.91	5.2	10	13.5
Nitrogen, Nitrate Total	mg/L	11.31	7.63	4.61	5.16	5.28	4.43	8.65	6.95	4.2
Nitrogen, Nitrite Total	mg/L	0.743	--	--	--	--	2.72	--	--	--
Nitrogen, Total	mg/L	22.45	--	--	--	--	17.06	--	--	--
Orthophosphate, Total	mg/L	0.88	1.91	1.29	0.997	3.99	1.69	0.9	0.75	0.86
Orthophosphate, Total	SU	--	--	--	--	--	--	--	--	--
Phosphorus, Total	mg/L	3	1.3	1.72	1.41	4.37	--	1.06	1.58	1.06
Zinc, Total	kg/D	0.7791	0.8253	0.7192	0.69	0.9744	--	1.242	1.039	0.959

001.1.G

Parameter	Units	01-Jan-01	07-Jan-01	14-Jan-01	21-Jan-01	28-Jan-01	01-Feb-01	07-Feb-01	14-Feb-01	21-Feb-01
Copper, Total	kg/D	6.881	7.227	7.431	7.957	--	6.316	7.133	9.781	7.131
Nitrogen Ammonia Total	mg/L	16.97	17.15	26.77	32.15	13.54	19.5	19.4	32.9	13.3
Nitrogen Kjeldahl Total	mg/L	28.52	35.21	45.26	44.04	27.98	36.3	37.5	42	27.6
Nitrogen, Nitrate Total	mg/L	0.61	0.679	0.553	0.603	0.714	0.6	0.615	0.82	0.64
Nitrogen, Nitrite Total	mg/L	0.123	0.022	0.08	0.063	0.19	0.1	0.085	0.18	0.16
Nitrogen, Total	kg/D	--	37.61	45.26	44.7	--	--	38.2	43	28.4
Nitrogen, Total	mg/L	29.25	--	--	--	33.62	37	--	--	--
Zinc, Total	kg/D	6.999	7.166	7.302	7.145	--	7.496	6.213	8.892	6.468

001.1.K

Parameter	Units	28-Dec-00	01-Jan-01	07-Jan-01	14-Jan-01	21-Jan-01	28-Jan-01	01-Feb-01	07-Feb-01	14-Feb-01
BOD 5-Day Percent Removal	percent	94.7	98.6	95.3	95.1	86.2	91.7	94.7	95.2	94.3
Solids, Suspended %	percent	96.7	98.1	96.6	95.5	92.1	96.2	96.2	98.6	95.8

001.1.P

Parameter	Units	28-Dec-00	01-Jan-01	07-Jan-01	14-Jan-01	21-Jan-01	28-Jan-01	01-Feb-01	07-Feb-01	14-Feb-01
BOD 5-Day	mg/L	150	200	148	202	154	114	78	158	120
Nitrogen Ammonia Total	mg/L	20.82	23.66	25.8	32.61	31.49	15.08	16.5	28.9	24.3
Nitrogen Kjeldahl Total	mg/L	32.35	33.03	33.95	42.28	41.79	22.94	30.3	34.1	33.4
Nitrogen, Nitrate Total	mg/L	0.732	0.583	0.681	0.507	0.623	0.57	0.825	0.81	1.05
Nitrogen, Nitrite Total	mg/L	0.125	0.117	0.019	0.12	0.077	0.13	0.175	0.19	0.051
Nitrogen, Total	mg/L	33.24	33.73	34.65	42.91	42.66	23.64	31.3	35.1	34.5
Solids, Total Suspended	mg/L	43	38	47	58	65	51	48	60	44

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1

Parameter	Units	21-Feb-01	28-Feb-01	01-Mar-01	07-Mar-01	14-Mar-01	21-Mar-01	28-Mar-01	01-Apr-01	07-Apr-01
Copper, Total	kg/D	0.7157	--	0.7527	0.731	0.7358	0.9236	0.9607	0.2917	0.3193
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total	mg/L	11.7	--	4.5	7	7.75	2.25	1	--	--
Nitrogen Kjeldahl Total	mg/L	16	--	8	14.4	15.67	8.18	6.3	12.09	9.01
Nitrogen, Nitrate Total	mg/L	0.67	--	2.1	2	3.2	4.8	3.6	1.88	2.06
Nitrogen, Nitrite Total	mg/L	--	--	--	--	--	--	0.322	--	--
Nitrogen, Total	mg/L	--	--	--	--	--	--	10.22	--	--
Orthophosphate, Total	mg/L	2.79	--	0.94	0.88	3.01	1.59	1.07	0.82	1.2
Orthophosphate, Total	SU	--	--	--	--	--	--	--	--	--
Phosphorus, Total	mg/L	--	3.11	1.48	1.39	7.61	2.71	1.59	1.35	2.83
Zinc, Total	kg/D	0.7981	--	0.7896	0.5546	0.6213	1.024	1.298	0.6207	0.525

001.1.G

Parameter	Units	01-Mar-01	07-Mar-01	14-Mar-01	21-Mar-01	28-Mar-01	01-Apr-01	07-Apr-01	14-Apr-01	21-Apr-01
Copper, Total	kg/D	6.007	4.953	8.257	7.934	11.619	6.399	5.353	3.957	3.796
Nitrogen Ammonia Total	mg/L	14.3	11.5	12.8	5.5	5.3	8.76	9.58	9.94	15.24
Nitrogen Kjeldahl Total	mg/L	32.4	26.6	23.9	20.7	19.6	24.37	28.67	28.09	36.32
Nitrogen, Nitrate Total	mg/L	0.5	0.315	0.69	0.93	0.705	0.683	0.823	0.384	0.442
Nitrogen, Nitrite Total	mg/L	0.2	0.185	0.11	0.17	0.095	0.173	0.228	0.191	0.158
Nitrogen, Total	kg/D	--	27.1	24.7	21.8	--	--	29.72	28.66	36.92
Nitrogen, Total	mg/L	33.1	--	--	--	20.4	25.23	--	--	--
Zinc, Total	kg/D	5.989	4.611	10.636	10.126	11.723	5.667	4.422	4.311	4.144

001.1.K

Parameter	Units	21-Feb-01	28-Feb-01	01-Mar-01	07-Mar-01	14-Mar-01	21-Mar-01	28-Mar-01	01-Apr-01	07-Apr-01
BOD 5-Day Percent Removal	percent	89.4	95.1	89.9	84.7	61.3	85.3	96.8	93.7	94.1
Solids, Suspended %	percent	96	96.3	91.4	87.4	60.9	93.2	94.9	96.3	96.9

001.1.P

Parameter	Units	21-Feb-01	28-Feb-01	01-Mar-01	07-Mar-01	14-Mar-01	21-Mar-01	28-Mar-01	01-Apr-01	07-Apr-01
BOD 5-Day	mg/L	154	69	102	78	84	46	69	70	78
Nitrogen Ammonia Total	mg/L	23	--	7.8	19	10.5	3.8	2.8	9.18	12.08
Nitrogen Kjeldahl Total	mg/L	35.9	--	31.1	36.9	21.2	17.1	15.4	26.04	29.26
Nitrogen, Nitrate Total	mg/L	0.7	--	0.945	0.31	0.62	2.68	1.31	0.862	0.943
Nitrogen, Nitrite Total	mg/L	0.1	--	0.155	0.09	0.08	0.018	0.195	0.145	0.21
Nitrogen, Total	mg/L	36.7	--	32.2	37.3	21.7	19.8	16.9	27.05	30.41
Solids, Total Suspended	mg/L	57	67	43	104	57	128	42	55	40

Table 4

NPDES Parameters Reported Weekly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1			
Parameter	Units	14-Apr-01	21-Apr-01
Copper, Total	kg/D	0.3581	0.2098
Fecal Coliform General (Ave)	# per 100 mL	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--
Nitrogen Ammonia Total	mg/L	--	--
Nitrogen Kjeldahl Total	mg/L	7.81	9.18
Nitrogen, Nitrate Total	mg/L	1.6	3.68
Nitrogen, Nitrite Total	mg/L	--	--
Nitrogen, Total	mg/L	--	--
Orthophosphate, Total	mg/L	1.64	2.15
Orthophosphate, Total	SU	--	--
Phosphorus, Total	mg/L	--	--
Zinc, Total	kg/D	0.4919	0.2361

001.1.G	
Parameter	Units
Copper, Total	kg/D
Nitrogen Ammonia Total	mg/L
Nitrogen Kjeldahl Total	mg/L
Nitrogen, Nitrate Total	mg/L
Nitrogen, Nitrite Total	mg/L
Nitrogen, Total	kg/D
Nitrogen, Total	mg/L
Zinc, Total	kg/D

001.1.K			
Parameter	Units	14-Apr-01	21-Apr-01
BOD 5-Day Percent Removal	percent	95.5	93.1
Solids, Suspended %	percent	98.3	94.8

001.1.P			
Parameter	Units	14-Apr-01	21-Apr-01
BOD 5-Day	mg/L	113	86
Nitrogen Ammonia Total	mg/L	18.26	20.41
Nitrogen Kjeldahl Total	mg/L	36.3	38.61
Nitrogen, Nitrate Total	mg/L	0.399	0.66
Nitrogen, Nitrite Total	mg/L	0.126	0.107
Nitrogen, Total	mg/L	36.95	39.38
Solids, Total Suspended	mg/L	42	47

Table 5

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1										
Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	12	23	14	21	8	5	4	5	6
BOD 5-Day (Max)	mg/L	20	33	31	46	16	8	6	9	13
Chlorine, Total Residual	mg/L	--	--	--	0	0.04	0.045	0.044	0.043	0.038
Copper, Total (Ave)	kg/D	0.3541	0.4325	0.7088	0.7759	0.7524	0.4579	0.5522	0.3561	0.3283
Copper, Total (Max)	kg/D	0.3861	0.5511	1.387	1.052	0.8609	0.6586	0.5377	0.4179	0.371
Dissolved Oxygen (Min)	mg/L	9	8.8	8.6	7.3	8.9	8.5	8.7	7.3	7.8
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	4	2	2
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	20	5	5
Flow, In Conduit Or Through (Ave)	MGD	9.8	10.1	13	12.9	10.3	10.5	8	8.9	7.6
Nitrogen Ammonia Total (Ave)	mg/L	1.15	4.39	3.65	4.6	2.4	1.29	0.39	0.553	0.764
Nitrogen Ammonia Total (Max)	mg/L	2.55	7.8	5.38	7.4	6.3	3.79	0.845	1.86	5.72
Nitrogen Kjeldahl Total (Ave)	mg/L	2.89	8.05	4.93	7.2	4.1	3.24	2.65	2.59	3.33
Nitrogen Kjeldahl Total (Max)	mg/L	4.76	10.61	7.15	9.2	12.6	7.89	2.95	4.52	5.48
Nitrogen, Nitrate Total (Ave)	mg/L	2.87	2.08	2.89	2.77	3.09	3.64	8.83	6.85	7.38
Nitrogen, Nitrate Total (Max)	mg/L	4.73	3.38	3.39	3.77	4.64	4.9	10.31	8.83	10.99
Nitrogen, Nitrite Total	mg/L	0.036	0.124	0.187	0.201	0.09	0.054	0.091	0.309	0.047
Nitrogen, Nitrite Total (Ave)	mg/L	0.055	0.122	0.226	0.29	0.115	0.097	0.128	0.131	0.042
Nitrogen, Nitrite Total (Max)	mg/L	0.103	0.193	0.345	0.578	0.195	0.163	0.166	0.316	0.061
Nitrogen, Total	mg/L	5.75	8.39	10.73	7.3	11.86	5.28	11.33	9.91	13.64
Nitrogen, Total (Ave)	mg/L	5.82	10.26	8.13	9.6	7.32	6.98	11.6	9.61	10.66
Nitrogen, Total (Max)	mg/L	7.37	12.64	10.73	11.85	17	11.54	12.69	11.4	13.64
Orthophosphate, Total	mg/L	2.25	2.03	1.56	1.72	1.66	1.88	2.15	2.1	2.45
Orthophosphate, Total (Max)	mg/L	3.77	2.81	2.04	1.94	2.32	2.35	2.58	3.56	3.4
pH (Max)	SU	7	7.4	7	7.2	7.5	6.6	7.7	7.3	7
pH (Min)	SU	6.2	6.2	6.3	6.6	6.6	7.2	6.7	6.7	6.7
Phosphorus, Total (Ave)	mg/L	3.24	2.86	3.11	2.63	1.79	3.15	2.39	2.78	2.9
Phosphorus, Total (Max)	mg/L	4	3.2	3.92	3.15	2.76	3.25	2.75	4.2	3.5
Solids, Seteable (Max)	mg/L	0.1	2	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Solids, Total Suspended (Ave)	mg/L	8	16	--	10	7	5	4	6	6
Solids, Total Suspended (Max)	mg/L	12	33	--	43	11	11	5	12	9
Zinc, Total (Ave)	kg/D	0.754	1.011	--	1.244	1.223	1.051	1.073	0.7547	0.6045
Zinc, Total (Max)	kg/D	0.6772	1.119	--	1.825	1.19	1.397	1.229	0.8427	0.7139

Table 5

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.1								
Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	24	26	19	20	19	29	12
BOD 5-Day (Max)	mg/L	39	92	46	38	26	49	18
Chlorine, Total Residual	mg/L	0.018	--	--	--	--	--	0.011
Copper, Total (Ave)	kg/D	0.3867	0.555	0.6059	0.5389	0.7099	0.8208	0.2947
Copper, Total (Max)	kg/D	0.4878	0.702	0.8975	0.7048	0.755	0.9236	0.3581
Dissolved Oxygen (Min)	mg/L	7	7.8	7.8	9	8.8	8.3	8.2
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--	--
Flow, In Conduit Or Through (Ave)	MGD	7	7.8	10.1	9.4	11.6	18.7	13.6
Nitrogen Ammonia Total (Ave)	mg/L	6.54	4.11	10.85	6.94	7.8	4.5	5.08
Nitrogen Ammonia Total (Max)	mg/L	12.25	6.94	17.31	9.93	11.7	7.75	7.24
Nitrogen Kjeldahl Total (Ave)	mg/L	11.14	8.75	14.45	10.62	11.2	10.51	9.42
Nitrogen Kjeldahl Total (Max)	mg/L	14.33	18.55	21.21	15.81	16	15.67	12.09
Nitrogen, Nitrate Total (Ave)	mg/L	1.79	12.42	10.65	5.66	5.12	3.14	2.27
Nitrogen, Nitrate Total (Max)	mg/L	2.55	15.44	13.28	7.63	8.65	4.8	3.68
Nitrogen, Nitrite Total	mg/L	0.187	0.044	0.103	0.373	1.35	0.44	0.192
Nitrogen, Nitrite Total (Ave)	mg/L	0.128	0.249	0.346	1.08	1.514	0.57	0.157
Nitrogen, Nitrite Total (Max)	mg/L	0.187	0.546	0.96	2.72	2.55	1.48	0.21
Nitrogen, Total	mg/L	12.71	21.95	18.79	13.82	15.2	10.54	14.16
Nitrogen, Total (Ave)	mg/L	13.04	21.33	23.3	17.35	17.8	14.22	11.85
Nitrogen, Total (Max)	mg/L	15.29	26.48	31.37	23.24	19.5	19.15	14.16
Orthophosphate, Total	mg/L	2.35	2.49	1.73	2.08	1.33	1.5	0.89
Orthophosphate, Total (Max)	mg/L	3.02	3.85	3.07	3.99	2.79	3.01	2.15
pH (Max)	SU	7.4	7.2	7.4	7.2	7.4	7.4	7.3
pH (Min)	SU	6.8	6.8	6.5	6.5	6.9	6.7	6.7
Phosphorus, Total (Ave)	mg/L	3.05	3.37	2.6	2.2	1.7	2.96	2.09
Phosphorus, Total (Max)	mg/L	3.1	5.6	6.1	4.37	3.11	7.61	2.83
Solids, Seteable (Max)	mg/L	1	25	15	< 0.1	< 0.1	9	< 0.1
Solids, Total Suspended (Ave)	mg/L	10	25	15	11	9	34	6
Solids, Total Suspended (Max)	mg/L	16	106	49	18	18	120	12
Zinc, Total (Ave)	kg/D	0.8094	0.8228	0.9504	0.8022	1.009	0.8575	0.4684
Zinc, Total (Max)	kg/D	0.9863	0.8991	1.32	0.9744	1.242	1.298	0.6207

Table 5

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.G

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	178	198	--	244	260	241	278	254	357
BOD 5-Day (Max)	mg/L	234	282	--	294	378	474	360	438	498
Copper, Total (Ave)	kg/D	2.791	6.519	--	6.601	4.708	5.445	4.024	7.111	6.553
Copper, Total (Max)	kg/D	2.954	4.973	--	9.606	5.313	7.896	5.06	7.431	8.036
Nitrogen Ammonia Total (Max)	mg/L	14	13.76	--	13.4	6.3	15.51	22.02	25.52	23.19
Nitrogen Kjeldahl Total (Max)	mg/L	28.65	33.71	--	29.8	28.1	26.33	44.27	56.06	51.47
Nitrogen, Nitrate Total (Max)	mg/L	0.843	1.19	--	1.16	3.09	0.633	0.668	0.71	0.785
Nitrogen, Nitrite Total (Max)	mg/L	0.143	0.31	--	0.145	0.132	0.197	0.098	0.213	0.178
Nitrogen, Total (Max)	mg/L	29.42	34.61	--	30.35	28.8	27.03	44.97	56.76	52.17
Solids, Total Suspended (Ave)	mg/L	126	136	--	135	200	196	179	321	331
Solids, Total Suspended (Max)	mg/L	150	198	--	176	314	294	397	502	799
Zinc, Total (Ave)	kg/D	3.574	4.059	--	7.655	8.224	7.737	5.439	7.497	6.045
Zinc, Total (Max)	kg/D	3.983	4.646	--	10.887	8.999	8.767	6.013	8.716	7.492

001.1.K

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day Percent Removal (Min)	percent	92.4	58.9	84.2	76.7	92.9	95.6	98	97.3	97.4
Solids, Suspended % (Min)	percent	89.7	85.7	90.1	76.4	93.3	97.3	97.5	97.1	97.6

001.1.P

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	126	123	100	157	109	118	133	64	127
BOD 5-Day (Max)	mg/L	136	162	164	164	156	174	180	132	144
Nitrogen Ammonia Total (Max)	mg/L	18.61	11	10.25	12.83	10.48	15.08	24.18	33.33	32.35
Nitrogen Kjeldahl Total (Max)	mg/L	30.36	29.79	18.52	23.6	21.81	25.76	38.97	42.74	49.43
Nitrogen, Nitrate Total (Max)	mg/L	0.867	3.64	1.01	1.45	0.645	0.753	0.628	0.585	0.692
Nitrogen, Nitrite Total (Max)	mg/L	0.135	0.665	0.152	0.127	0.167	0.283	0.215	0.137	0.103
Nitrogen, Total (Max)	mg/L	30.98	31.1	19.78	24.6	22.62	26.57	39.7	43.34	50.13
Solids, Total Suspended (Ave)	mg/L	56.3	52	46	44	47	52	48	50	186
Solids, Total Suspended (Max)	mg/L	78.33	77	52	49	68	53	52	59	580

Table 5

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, and 001.1.P

City of Meriden, CT
POTW

001.1.G

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	400	341	245	354	319	199	207
BOD 5-Day (Max)	mg/L	456	468	486	542	486	444	426
Copper, Total (Ave)	kg/D	6.1	6.045	7.898	7.374	7.59	7.694	4.876
Copper, Total (Max)	kg/D	8.178	6.592	10.433	7.957	9.781	11.619	6.399
Nitrogen Ammonia Total (Max)	mg/L	34.74	30.66	24.98	32.15	32.9	14.3	15.24
Nitrogen Kjeldahl Total (Max)	mg/L	60	49.35	44.09	45.26	42	32.4	36.32
Nitrogen, Nitrate Total (Max)	mg/L	0.653	0.635	1.1	0.714	0.82	0.93	0.823
Nitrogen, Nitrite Total (Max)	mg/L	0.125	0.195	0.14	0.19	0.18	0.2	0.191
Nitrogen, Total (Max)	mg/L	60.73	50.15	44.41	45.26	43	33.1	36.92
Solids, Total Suspended (Ave)	mg/L	305	275	196	214	311	221	183
Solids, Total Suspended (Max)	mg/L	505	378	296	311	518	333	349
Zinc, Total (Ave)	kg/D	6.005	6.343	7.149	7.153	7.267	8.617	4.636
Zinc, Total (Max)	kg/D	7.001	7.21	8.237	7.302	8.892	11.723	5.667

001.1.K

Parameter	Units	Oct-00	Nov-00	Dec-00	1-Jan	1-Feb	1-Mar	1-Apr
BOD 5-Day Percent Removal (Min)	percent	91.9	83.6	88.2	86.2	89.4	61.3	93.1
Solids, Suspended % (Min)	percent	95.3	64.8	84.9	92.1	95.8	60.9	94.8

001.1.P

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	210	168	134	182	123	74	90
BOD 5-Day (Max)	mg/L	292	224	210	288	158	102	113
Nitrogen Ammonia Total (Max)	mg/L	31.29	31.86	28.9	32.61	28.9	19	20.41
Nitrogen Kjeldahl Total (Max)	mg/L	49.7	44.72	48.18	42.28	35.9	36.9	38.61
Nitrogen, Nitrate Total (Max)	mg/L	0.768	1.12	1.16	0.681	1.05	2.68	0.943
Nitrogen, Nitrite Total (Max)	mg/L	0.103	0.252	0.164	0.13	0.19	0.195	0.21
Nitrogen, Total (Max)	mg/L	50.45	45.45	48.4	42.91	36.7	37.3	39.38
Solids, Total Suspended (Ave)	mg/L	59	86	92	52	56	80	46
Solids, Total Suspended (Max)	mg/L	72	179	198	65	67	104	55

Table 6

NPDES Parameters Reported Quarterly
March 2000 - March 2001
Sample Sites 001.1.S and 001.1.T

City of Meriden, CT
POTW

001.1.S

Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Arsenic, Total (Max)	mg/Kg	0.57	0.32	< 0.5	6.6	4.54
Beryllium, Total (Max)	mg/Kg	< 0.2	< 0.2	< 1	< 1	< 1
Cadmium, Sludge Total Dry (Max)	mg/Kg	1.98	0.97	< 1	< 1	< 1
Chromium, Sludge Total Dry (Max)	mg/Kg	29.57	6.77	28	56	39
Copper, Sludge, Total Dry (Max)	mg/Kg	379.8	276.6	723	1220	790
Hydrocarbons, Petroleum (Max)	mg/Kg	11,400	10,500	4,700	13,000	3,700
Lead, Sludge, Total Dry (Max)	mg/Kg	89.96	19.29	45	87	46
Mercury, Sludge Total Dry (Max)	mg/Kg	1.045	0.358	2.1	3.9	2.73
Nickel, Sludge Total Dry (Max)	mg/Kg	66.92	27.35	28	158	33
Nitrogen (As NO3) Sludge (Max)	mg/Kg	< 1	< 1	10	< 10	< 0.9
Nitrogen Ammonia Sludge (Max)	mg/Kg	11,700	2,200	2,200	19,000	14,000
Nitrogen, Nitrate Total (Max)	mg/Kg	< 1	< 1	10	< 10	< 0.9
Nitrogen, Nitrite Total (Max)	mg/Kg	< 1	< 1	< 1	< 1	2.2
Nitrogen, Total (Max)	mg/Kg	40,900	25,500	55,210	55,000	31,002.20
PCBs (Max)	mg/Kg	< 1	< 1	< 0.4	< 0.4	< 0.4
pH (Max)	SU	5.5	6	6.71	8.39	8.09
Solids, Fixed Sludge (Min)	percent	28.85	6.71	19	29.7	25
Solids, Sludge Total Dry (Min)	percent	10.23	27.15	9.8	10.8	11
Solids, Volatile % Of (Min)	percent	71.15	93.29	81	70.3	75
Zinc, Sludge Total Dry Weight (Max)	mg/Kg	255.6	287.4	360	1000	529

001.1.T

Parameter	UNITS	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Antimony, Total (Max)	mg/L	< 0.01	< 0.01	< 0.005	< 0.003	< 0.003
Arsenic, Total (Max)	mg/L	< 0.005	< 0.005	< 0.004	< 0.001	< 0.001
Beryllium, Total (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium, Total (Max)	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chlorine, Total Residual	mg/L	-	-	0.03	-	-
Chromium, Hexavalent (Max)	mg/L	< 0.001	< 0.001	< 0.01	< 0.01	< 0.01
Chromium, Total (Max)	mg/L	< 0.01	< 0.01	0.009	< 0.001	< 0.001
Copper, Total (Max)	mg/L	< 0.01	< 0.041	0.015	0.016	0.01
Cyanide, Free (Amen. To C) (Max)	mg/L	< 0.008	< 0.005	< 0.005	< 0.01	0.02
Cyanide, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.01	0.02
Lead, Total (Max)	mg/L	< 0.005	< 0.005	0.003	0.001	< 0.001
Mercury, Total (Max)	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Nickel, Total (Max)	mg/L	< 0.01	< 0.01	0.014	0.006	0.005
Nitrogen Ammonia Total (Max)	mg/L	2.4	1.2	1.3	9.2	4.1
Nitrogen, Nitrate Total (Max)	mg/L	8.6	2.1	8.9	2	1.6
Nitrogen, Nitrite Total (Max)	mg/L	0.28	< 0.05	< 0.01	< 0.94	0.51
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass	Pass
P/F Stat 48 Hr Acu Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass
Phosphorus, Total (Max)	mg/L	< 0.05	< 0.05	< 0.042	0.026	< 0.015
Selenium, Total (Max)	mg/L	< 0.01	< 0.01	< 0.005	< 0.002	< 0.002
Silver, Total (Max)	mg/L	< 0.001	< 0.001	< 0.001	0.001	< 0.001
Thallium, Total (Max)	mg/L	< 0.01	< 0.01	< 0.002	< 0.001	< 0.001
Zinc, Total (Max)	mg/L	0.03	0.052	0.073	0.017	0.012

Table 7

NPDES Parameters Reported Monthly
January 2000 - April 2001

City of North Haven, CT
POTW

Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P, 03F.1.L, and 04G.1.N

001.1.1

Parameter	UNITS	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	4	3	4	4	3	6	5	3	3
BOD 5-Day (Max)	mg/L	6	4	6	5	7	9	8	4	2
Copper, Total (Ave)	kg/D	0.396	0.467	0.528	0.344	0.539	0.521	0.417	0.403	0.379
Copper, Total (Max)	kg/D	0.448	0.542	0.782	0.418	0.898	0.813	0.457	0.63	0.238
Dissolved Oxygen (Min)	mg/L	--	--	--	--	6.1	6.5	8.9	7.7	7
Fecal Coliform General (Ave)	#/100 ml	--	--	--	--	3	17	9	6	7
Fecal Coliform General (Max)	#/100 ml	--	--	--	--	20	160	52	16	157
Flow, In Conduit or Through (Ave)	mg/L	2.96	2.92	3.4	3.35	3.15	3.38	2.99	3.08	2.49
Flow, In Conduit or Through (Max)	mg/L	3.26	3.32	4.09	5.59	3.43	4.53	3.57	3.43	2.8
Nitrogen Ammonia Total (Ave)	mg/L	1.1	1.1	1.2	1.1	1	1.1	1	1	1
Nitrogen Ammonia Total (Max)	mg/L	1.6	1.6	1.9	1.4	1.1	1.5	1.1	1	1
Nitrogen, Kjeldahl Total (Ave)	mg/L	4.1	5.3	6.1	4.4	3.4	5.4	5	3.9	3.4
Nitrogen, Kjeldahl Total (Max)	mg/L	4.1	5.3	6.1	4.4	3.4	5.4	5	3.9	3.4
Nitrogen, Nitrate Total (Ave)	mg/L	17	13.7	6.8	16.8	13.7	13.2	18.8	17.4	18.6
Nitrogen, Nitrate Total (Max)	mg/L	17	13.7	6.8	16.8	13.7	13.2	18.8	17.4	18.6
Nitrogen, Nitrite Total (Ave)	mg/L	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Max)	mg/L	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total (Ave)	mg/L	21.1	19	12.9	21.2	17.1	18.6	23.8	21.3	22
Nitrogen, Total (Max)	mg/L	21.1	19	12.9	21.2	17.1	18.6	23.8	21.3	22
Orthophosphate, Total (Ave)	mg/L	3.9	4	2.6	3.8	4	2.7	3.7	3.2	3.8
Orthophosphate, Total (Max)	mg/L	3.9	4	2.6	3.8	4	2.7	3.7	3.2	3.8
Oxygen Demand, Ultimate (Ave)	mg/L	--	--	--	--	10	14	12	9	10
P/F Stat 48 Hr Acu D.	P/F	--	--	Pass	--	--	Pass	--	--	Pass
P/F Stat 48hr Acu Pim	P/F	--	--	Pass	--	--	Pass	--	--	Pass
pH (Max)	SU	6.7	6.7	6.8	6.8	7	7	7	7	6.9
pH (Min)	SU	6.4	6.3	6.4	6.2	6.3	6.2	6.6	6.9	6.5
Phosphorus, Total (Ave)	mg/L	5.5	4.2	2.8	4.1	4.3	2.9	3.9	3.5	4.1
Phosphorus, Total (Max)	mg/L	5.5	4.2	2.8	4.1	4.3	2.9	3.9	3.5	4.1
Solids, Seteable (Ave)	ml/L	0	0	0	0	0	0	0	0	0
Solids, Seteable (Max)	ml/L	0	0	0	0	0	0	0	0	0
Solids, Total Suspended (Ave)	mg/L	13	7	10	8	7	9	8	6	7
Solids, Total Suspended (Max)	mg/L	22	10	14	12	14	17	20	9	11
Turbidity (Max)	NTU	2.8	1.9	2.8	2.7	3	2.4	2.4	1.7	4.5
Zinc, Total (Ave)	kg/D	1.32	1.39	1.21	1.07	1.36	1.35	1.15	1.08	1.15
Zinc, Total (Max)	kg/D	1.45	1.63	1.42	1.1	1.67	1.86	1.5	1.33	1.27

Table 7

NPDES Parameters Reported Monthly
January 2000 - April 2001City of North Haven, CT
POTW

Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P, 03F.1.L, and 04G.1.N

001.1.1

Parameter	UNITS	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Apr-01
BOD 5-Day (Ave)	mg/L	5	4	3	4	2	6
BOD 5-Day (Max)	mg/L	9	7	4	5	4	9
Copper, Total (Ave)	kg/D	0.349	0.527	0.46	0.594	0.424	0.32
Copper, Total (Max)	kg/D	0.417	0.595	0.556	0.785	0.594	0.344
Dissolved Oxygen (Min)	mg/L	--	--	--	--	--	--
Fecal Coliform General (Ave)	#/100 ml	--	--	--	--	--	--
Fecal Coliform General (Max)	#/100 ml	--	--	--	--	--	--
Flow, In Conduit or Through (Ave)	mg/L	2.42	2.65	2.98	2.82	3.23	3.74
Flow, In Conduit or Through (Max)	mg/L	2.65	2.9	4.01	3.17	3.69	5.24
Nitrogen Ammonia Total (Ave)	mg/L	1	1	1.1	1	1.2	1.6
Nitrogen Ammonia Total (Max)	mg/L	1	1	1.3	1.3	1.7	2.4
Nitrogen, Kjeldahl Total (Ave)	mg/L	3.3	2.7	3.6	3.4	2.4	4.1
Nitrogen, Kjeldahl Total (Max)	mg/L	3.3	2.7	3.6	3.4	2.4	4.1
Nitrogen, Nitrate Total (Ave)	mg/L	18.6	20.5	10.3	17	14.1	3.3
Nitrogen, Nitrate Total (Max)	mg/L	18.6	20.5	10.3	17	14.1	3.3
Nitrogen, Nitrite Total (Ave)	mg/L	< 0.5	< 0.5	0.5	0.5	0.5	0.5
Nitrogen, Nitrite Total (Max)	mg/L	< 0.5	< 0.5	0.5	0.5	0.5	0.5
Nitrogen, Total (Ave)	mg/L	21.9	23.2	13.8	20.4	16.5	7.4
Nitrogen, Total (Max)	mg/L	21.9	23.2	13.8	20.4	16.5	7.4
Orthophosphate, Total (Ave)	mg/L	4.2	4.1	2.7	3.3	2.7	3
Orthophosphate, Total (Max)	mg/L	4.2	4.1	2.7	3.3	2.7	3
Oxygen Demand, Ultimate (Ave)	mg/L	--	--	--	--	--	--
P/F Stat 48 Hr Acu D.	P/F	--	--	Pass	--	--	N/A
P/F Stat 48hr Acu Pim	P/F	--	--	Pass	--	--	N/A
pH (Max)	SU	6.7	6.6	6.1	6.8	6.8	6.8
pH (Min)	SU	6.3	6.1	6.1	6.3	6.5	6.4
Phosphorus, Total (Ave)	mg/L	4.4	4.4	3.2	3.7	3	3.1
Phosphorus, Total (Max)	mg/L	4.4	4.4	3.2	3.7	3	3.1
Solids, Seteable (Ave)	ml/L	0	0	0	0	0	0
Solids, Seteable (Max)	ml/L	0	0	0	0	0	0
Solids, Total Suspended (Ave)	mg/L	12	10	9	11	9	10
Solids, Total Suspended (Max)	mg/L	16	16	12	13	14	14
Turbidity (Max)	NTU	2	2.1	2.4	2.6	2	5
Zinc, Total (Ave)	kg/D	1.04	1.33	1.39	1.4	1.25	1.11
Zinc, Total (Max)	kg/D	1.2	1.52	1.83	1.58	1.52	1.24

Table 7

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P, 03F.1.L, and 04G.1.N

City of North Haven, CT
POTW

001.1.G

Parameter	UNITS	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Bod 5-Day (Ave)	mg/L	163	173	129	142	137	136	172	147	160
Bod 5-Day (Max)	mg/L	198	216	172	195	188	177	233	200	239
Copper, Total (Ave)	kg/D	1.083	0.826	0.943	0.664	0.927	1.09	0.846	1.013	0.822
Copper, Total (Max)	kg/D	1.655	0.873	1.317	0.73	1.185	1.389	0.955	1.743	1.137
Nitrogen Ammonia Total (Ave)	mg/L	14.5	15.2	12	18	13.1	10.8	18.2	10.8	15
Nitrogen Ammonia Total (Max)	mg/L	16.7	17.6	14.8	18	15	14.5	18.2	15.1	17.5
Nitrogen, Kjeldahl Total (Ave)	mg/L	30.4	25	17	31	27	26	30.4	26	30
Nitrogen, Kjeldahl Total (Max)	mg/L	30.4	25	17	31	27	26	30.4	26	30
Nitrogen, Nitrate Total (Ave)	mg/L	< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrate Total (Max)	mg/L	< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Ave)	mg/L	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Max)	mg/L	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total (Ave)	mg/L	30.4	25	18.5	31	27	26	30.4	26	30
Nitrogen, Total (Max)	mg/L	30.4	25	18.5	31	27	26	30.4	26	30
Solids, Total Suspended (Ave)	mg/L	179	174	143	182	172	161	199	170	171
Solids, Total Suspended (Max)	mg/L	222	218	178	318	342	245	344	244	324
Zinc, Total (Ave)	kg/D	1.71	1.67	1.57	1.21	1.67	2.23	1.76	1.76	1.61
Zinc, Total (Max)	kg/D	2.26	1.76	1.87	1.42	1.9	2.56	1.94	2.6	2.27

001.1.K

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day Percent Removal (Min)	%	98	98	97	97	98	96	97	98	98
Solids, Suspended % (Min)	%	93	96	93	96	96	94	96	96	96

001.1.P

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	132	141	113	119	109	101	127	97	117
BOD 5-Day (Max)	mg/L	171	180	146	164	146	123	166	126	133
Nitrogen Ammonia Total (Ave)	mg/L	22.2	19	16.4	23	20	17	21	20.2	22.4
Nitrogen Ammonia Total (Max)	mg/L	22.2	19	16.4	23	20	17	21	20.2	22.4
Nitrogen, Kjeldahl Total (Ave)	mg/L	34	24	21	32	28	24	26.4	23.3	27.2
Nitrogen, Kjeldahl Total (Max)	mg/L	34	24	21	32	28	24	26.4	23.3	27.2
Nitrogen, Nitrate Total (Ave)	mg/L	< 0.5	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrate Total (Max)	mg/L	< 0.5	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Ave)	mg/L	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Max)	mg/L	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total (Ave)	mg/L	34	24	22.8	32	28	24	26.4	23.3	27.2
Nitrogen, Total (Max)	mg/L	34	24	22.8	32	28	24	26.4	23.3	27.2
Solids, Total Suspended (Ave)	mg/L	98	122	96	105	105	90	76	65	72

Table 7

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P, 03F.1.L, and 04G.1.N

City of North Haven, CT
POTW

001.1.G

Parameter	UNITS	Oct-00	Nov-00	Dec-00	1-Jan	1-Feb	1-Apr
Bod 5-Day (Ave)	mg/L	189	182	145	146	107	109
Bod 5-Day (Max)	mg/L	251	225	195	180	203	148
Copper, Total (Ave)	kg/D	0.814	0.994	0.831	0.931	0.991	0.819
Copper, Total (Max)	kg/D	0.967	1.261	0.901	1.168	1.347	0.955
Nitrogen Ammonia Total (Ave)	mg/L	29	17	15.1	15.1	11.9	9.9
Nitrogen Ammonia Total (Max)	mg/L	29	19	19.2	16.8	14.7	13.6
Nitrogen, Kjeldahl Total (Ave)	mg/L	46	41	26	31	29	18
Nitrogen, Kjeldahl Total (Max)	mg/L	46	41	26	31	29	18
Nitrogen, Nitrate Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Nitrate Total (Max)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Max)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Total (Ave)	mg/L	46	41	26	31	29	18
Nitrogen, Total (Max)	mg/L	46	41	26	31	29	18
Solids, Total Suspended (Ave)	mg/L	218	246	159	172	138	117
Solids, Total Suspended (Max)	mg/L	368	582	227	220	208	187
Zinc, Total (Ave)	kg/D	1.45	2.11	1.78	1.7	1.65	1.4
Zinc, Total (Max)	kg/D	1.61	3.24	2.15	1.8	2.22	1.45

001.1.K

Parameter	Units	Oct-00	Nov-00	Dec-00	1-Jan	1-Feb	1-Apr
BOD 5-Day Percent Removal (Min)	%	97	98	98	97	98	95
Solids, Suspended % (Min)	%	94	96	94	94	94	92

001.1.P

Parameter	Units	Oct-00	Nov-00	Dec-00	1-Jan	1-Feb	1-Apr
BOD 5-Day (Ave)	mg/L	129	134	110	122	93	85
BOD 5-Day (Max)	mg/L	153	149	144	147	124	100
Nitrogen Ammonia Total (Ave)	mg/L	52	40.1	24	40	32.2	16.3
Nitrogen Ammonia Total (Max)	mg/L	52	40.1	24	40	32.2	16.3
Nitrogen, Kjeldahl Total (Ave)	mg/L	72	59	32	47	40.8	19.9
Nitrogen, Kjeldahl Total (Max)	mg/L	72	59	32	47	40.8	19.9
Nitrogen, Nitrate Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Nitrate Total (Max)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Nitrite Total (Max)	mg/L	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
Nitrogen, Total (Ave)	mg/L	72	59	32	47	40.8	19.9
Nitrogen, Total (Max)	mg/L	72	59	32	47	40.8	19.9
Solids, Total Suspended (Ave)	mg/L	77	98	86	91	81	65

Table 7

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P, 03F.1.L, and 04G.1.N

City of North Haven, CT
POTW

03F.1.L

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Acids, Total Volatile (Ave)	mg/L	768	878	972	858	787	684	702	614	624
Acids, Total Volatile (Max)	mg/L	960	1032	1152	1152	1104	792	984	792	720
Alkalinity, Total (Ave)	mg/L	4718	4614	4533	4625	4996	4898	4810	4494	4648
Alkalinity, Total (Max)	mg/L	5050	4750	4690	4850	5160	4940	4920	4950	4730
pH (Max)	SU	7.5	7.6	7.4	7.4	7.5	7.6	7.4	7.5	7.5
pH (Min)	SU	7.1	7.4	7.3	7.3	7.5	7.4	7.3	7.3	7.1
Temperature, Degrees F (Max)	Deg F	102	100	100	100	101	101	100	101	104

04G.1.N

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Dissolved Oxygen (Min)	mg/L	2.7	1.7	3.7	2.3	1.7	1.4	0.9	2.6	0.6
Solids, Total Suspended (Ave)	mg/L	2364	2859	2735	2434	2152	1924	1747	1669	1657
Solids, Total Suspended (Max)	mg/L	3022	3386	3998	2566	2480	2136	1986	1784	1820
Solids, Volatile % Of (Ave)	SVI	206	248	271	124	119	93	97	107	95

Table 7

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P, 03F.1.L, and 04G.1.N

City of North Haven, CT
POTW

03F.1.L

Parameter	Units	Oct-00	Nov-00	Dec-00	1-Jan	1-Feb	1-Apr
Acids, Total Volatile (Ave)	mg/L	557	588	564	466	678	816
Acids, Total Volatile (Max)	mg/L	840	840	720	600	984	960
Alkalinity, Total (Ave)	mg/L	4736	4160	4558	4714	4820	4420
Alkalinity, Total (Max)	mg/L	4900	4550	4760	5150	4970	4600
pH (Max)	SU	7.6	7.5	7.5	7.7	7.6	7.5
pH (Min)	SU	7.4	7.3	7.5	7.5	7.3	7.3
Temperature, Degrees F (Max)	Deg F	102	103	104	102	101	100

04G.1.N

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Apr-01
Dissolved Oxygen (Min)	mg/L	1.8	1.8	1.4	1.6	3.5	1.8
Solids, Total Suspended (Ave)	mg/L	1665	1896	2271	2674	2823	2692
Solids, Total Suspended (Max)	mg/L	1878	2146	2496	2928	3006	3008
Solids, Volatile % Of (Ave)	SVI	111	216	224	182	201	130

Table 8

NPDES Parameters Reported Quarterly
March 2000 - December 2000
Sample Sites 001.1.S and 001.1.T

City of North Haven, CT
POTW

001.1.S

Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00
Beryllium, Total (Max)	mg/Kg	0.18	< 0.2	< 0.2	< 0.2
Cadmium, Sludge, Total Dry (Max)	mg/Kg	1.6	2.44	4.2	2.78
Chromium, Sludge Total Dry (Max)	mg/Kg	22.92	21.29	30.33	21.79
Copper, Total (Max)	mg/Kg	474.5	721	805.7	937.1
Hydrocarbons, Petroleum (Max)	mg/Kg	6,286	31,600	30,500	63,600
Lead, Sludge, Total Dry (Max)	mg/Kg	48.08	10.92	87.99	31.08
Mercury, Sludge, Total Dry (Ave)	mg/Kg	0.862	0.651	3.11	1.827
Nickel, Sludge Total Dry (Max)	mg/Kg	12.66	26.66	28.23	25.81
Nitrogen (As NO3) Sludge (Max)	mg/Kg	44,300	15,300	35,200	4,900
Nitrogen Ammonia Sludge (Max)	mg/Kg	23,300	7,900	28,600	32,900
PCBs (Max)	mg/Kg	< 1	< 1	< 1	< 1
pH (Max)	SU	8	8	8.5	8
pH (Min)	SU	8	8	8.5	8
Phosphorus, Sludge Total (Max)	mg/Kg	17,300	23,500	10,900	8,400
Solids, Fixed Sludge (Max)	%	28.16	36.6	28.07	23.02
Solids, Fixed Sludge (Min)	%	28.16	36.6	28.07	23.02
Solids, Sludge Total Dry (Max)	%	6.3	19.77	6.66	5.84
Solids, Sludge Total Dry (Min)	%	6.3	19.77	6.66	5.84
Solids, Volatile Percent of (Min)	%	71.84	63.9	71.93	76.98
Zinc, Sludge Total Dry Weight (Max)	mg/Kg	472.8	701.7	853	938.4

001.1.T

Parameter	UNITS	Mar-00	Jun-00	Sep-00	Dec-00
Antimony, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Arsenic, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Beryllium, Total (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
BOD 5-Day (20 Deg C) (Max)	mg/L	6.3	13.1	1.3	5
Cadmium, Total (Max)	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total (Max)	mg/L	0.028	0.032	0.03	0.051
Cyanide, Free (Amen. To C) (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Lead, Total (Max)	mg/L	< 0.005	0.005	< 0.005	< 0.005
Mercury, Total (Max)	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Nickel, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Nitrogen Ammonia Total (Max)	mg/L	0.78	1.8	0.17	0.4
Nitrogen, Nitrate Total (Max)	mg/L	14.2	12.54	16.8	14.27
Nitrogen, Nitrite Total (Max)	mg/L	0.28	0.56	0.07	0.33
Phenols (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Selenium, Total (Max)	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Silver (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Solids, Total Suspended (Max)	mg/L	6	6	3	5
Thallium, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Zinc, Total (Max)	mg/L	0.1	0.068	0.087	0.112

Table 9

NPDES Parameters Measured Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Southington, CT
POTW

001.1.1

Parameter	UNITS	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	3	4	4	4	3	2	2	2	2
BOD 5-Day (Max)	mg/L	5	6	8	6	4	4	3	3	2
Copper, Total (Ave)	kg/D	< 0.005	0.3	0.45	0.22	0.17	1.76	0.33	0.28	0.65
Copper, Total (Max)	kg/D	0.65	0.7	0.72	0.36	0.27	4.21	0.54	0.41	1.67
Dissolved Oxygen (Min)	mg/L	10.2	9.4	8.2	9	7.4	7	7.4	7.7	8.2
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	14	12	18	22.6	8
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	21	14	24	28	9
Flow, In Conduit Or Through (Ave)	MGD	4.02	3.9	6.3	4.85	4.68	6.2	5.5	5.5	5.2
Nitrogen Ammonia Total	mg/L	0.14	0.4	0.14	0.2	0.11	0.31	< 0.03	< 0.03	< 0.03
Nitrogen Ammonia Total (Max)	mg/L	0.35	0.56	0.42	0.28	0.42	3.64	0.1	< 0.03	0.06
Nitrogen Kjeldahl Total (Ave)	mg/L	23.6	2.17	2.24	1.96	1.12	1.96	1.54	22	33.8
Nitrogen Kjeldahl Total (Max)	mg/L	23.6	2.17	2.24	1.96	1.12	1.96	1.54	22	33.8
Nitrogen Nitrate Total (Ave)	mg/L	21.8	19.7	14.8	18.3	17.5	14.6	18.7	20.3	22.3
Nitrogen Nitrate Total (Max)	mg/L	21.8	19.7	14.8	18.3	17.5	14.6	18.7	20.3	22.3
Nitrogen Nitrite Total (Ave)	mg/L	0.1	0.29	< 0.005	< 0.02	0.08	< 0.02	< 0.01	< 0.1	0.06
Nitrogen Nitrite Total (Max)	mg/L	0.1	0.29	< 0.005	< 0.02	0.08	< 0.02	< 0.01	< 0.1	0.06
Nitrogen, Total (Ave)	mg/L	23.19	22.56	17	20.3	18.7	16.6	20.3	22	23.8
Nitrogen, Total (Max)	mg/L	23.19	22.7	17	20.3	18.7	16.6	20.3	22	23.8
Orthophosphate, Total (Ave)	mg/L	2.4	2.61	1.72	2	1.25	1.88	2.54	2.73	2.46
Orthophosphate, Total (Max)	mg/L	2.4	2.61	1.72	2	1.25	1.88	2.54	2.73	2.46
pH (Max)	SU	7.6	8	7.3	7.5	7.6	7.7	7.7	7.6	7.7
pH (Min)	SU	6.6	6.6	6.6	6.7	6.8	6.4	6.3	6.3	6.6
Phosphorus, Total (Ave)	mg/L	2.69	2.96	1.86	2.52	2.4	2.4	3.17	2.8	3.09
Phosphorus, Total (Max)	mg/L	2.69	2.96	1.86	2.52	2.4	2.4	3.17	2.8	3.09
Solids, Seteable (Max)	ml/L	< 0.01	< 0.01	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Solids, Total Suspended (Ave)	mg/L	6	5	7	8	7	4	5	4	4
Solids, Total Suspended (Max)	mg/L	11	8	18	9	11	9	6	6	5
Zinc, Total (Ave)	kg/D	0.58	0.81	0.9	0.91	0.84	2.48	0.54	0.39	0.43
Zinc, Total (Max)	kg/D	0.63	2.05	1.23	1.32	1.05	5.41	0.91	0.58	0.53

Table 9

NPDES Parameters Measured Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Southington, CT
POTW

001.1.1

Parameter	UNITS	Oct-00	Nov-00	Dec-00	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	1	2	5	3	6	5
BOD 5-Day (Max)	mg/L	2	3	7	6	8	6
Copper, Total (Ave)	kg/D	0.23	0.26	0.26	0.17	0.17	0.49
Copper, Total (Max)	kg/D	0.27	0.3	0.29	0.27	0.26	0.9
Dissolved Oxygen (Min)	mg/L	9.6	9.5	9.2	9.1	9	9.7
Fecal Coliform General (Ave)	# per 100 mL	--	--	--	--	--	--
Fecal Coliform General (Max)	# per 100 mL	--	--	--	--	--	--
Flow, In Conduit Or Through (Ave)	MGD	4.7	4.7	5.1	3.67	5.76	5.53
Nitrogen Ammonia Total	mg/L	< 0.03	< 1	< 0.02	0.19	1.01	0.74
Nitrogen Ammonia Total (Max)	mg/L	< 0.03	< 1	< 0.07	0.5	1.34	2.05
Nitrogen Kjeldahl Total (Ave)	mg/L	2.44	1.67	2.16	1.89	2.22	1.18
Nitrogen Kjeldahl Total (Max)	mg/L	2.44	1.67	2.16	1.89	2.22	1.18
Nitrogen Nitrate Total (Ave)	mg/L	23	25.92	24.1	22.3	18.4	13.1
Nitrogen Nitrate Total (Max)	mg/L	23	25.92	24.1	22.3	18.4	13.1
Nitrogen Nitrite Total (Ave)	mg/L	0.02	0.08	0.54	0.34	0.44	0.5
Nitrogen Nitrite Total (Max)	mg/L	0.02	0.08	0.54	0.34	0.44	0.5
Nitrogen, Total (Ave)	mg/L	25.4	27.67	26.8	24.5	21	14.8
Nitrogen, Total (Max)	mg/L	25.4	27.67	26.8	24.5	21	14.8
Orthophosphate, Total (Ave)	mg/L	2.94	2.78	3.12	2.32	2.24	1.38
Orthophosphate, Total (Max)	mg/L	2.94	2.78	3.12	2.32	2.24	1.38
pH (Max)	SU	7.6	8.2	7.3	7.8	7.4	7.5
pH (Min)	SU	6.1	6.4	6.4	6.2	6.3	6.4
Phosphorus, Total (Ave)	mg/L	3.28	3.32	3.61	2.66	2.28	1.93
Phosphorus, Total (Max)	mg/L	3.28	3.32	3.61	2.66	2.28	1.93
Solids, Settleable (Max)	ml/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Solids, Total Suspended (Ave)	mg/L	3	4	6	4	9	7
Solids, Total Suspended (Max)	mg/L	5	6	11	5	18	10
Zinc, Total (Ave)	kg/D	0.48	0.41	0.72	0.5	0.2	0.21
Zinc, Total (Max)	kg/D	0.51	0.54	1.08	0.64	0.24	0.26

Table 9

NPDES Parameters Measured Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Southington, CT
POTW

001.1.G

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	91	105	104	94	76	81	101	106	106
BOD 5-Day (Max)	mg/L	113	122	434	108	98	107	152	133	135
Copper, Total (Ave)	kg/D	1.69	1.66	3.69	3.47	1.75	1.39	2.16	3.21	2.26
Copper, Total (Max)	kg/D	2.31	2.06	7.07	5.94	2.39	2.08	2.81	8.11	3.75
Nitrogen Ammonia Total (Max)	mg/L	15.7	39.5	12	12.6	7.6	13.7	11.8	12	14.1
Nitrogen Kjeldahl Total (Max)	mg/L	29	38.4	25.5	22.4	10.5	22.1	25.3	26.9	33.8
Nitrogen Nitrate Total (Max)	mg/L	1.58	0.78	< 0.005	0.49	0.28	0.32	0.18	0.04	1.58
Nitrogen Nitrite Total (Max)	mg/L	0.46	0.32	< 0.005	< 0.005	0.6	< 0.02	< 0.01	1	0.72
Nitrogen, Total (Max)	mg/L	31.04	39.5	25.5	22.9	11.4	22.4	25.5	27.9	36.1
Solids, Total Suspended (Ave)	mg/L	70	180	224	208	173	152	175	178	223
Solids, Total Suspended (Max)	mg/L	94	214	1042	315	288	224	215	249	307
Zinc, Total (Ave)	kg/D	4.31	5.12	7.46	7.41	5.51	2.48	3.47	3.07	2.19
Zinc, Total (Max)	kg/D	4.39	5.94	9.21	13.2	7.56	5.41	4.72	4.47	2.85

001.1.K

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day Percent Removal (Min)	Percent	97.3	97	96.4	96.4	96.8	100	100	97.6	97.6
Solids, Suspended Percent (Min)	Percent	97.5	98.6	95.2	95.8	96.4	95.9	97.2	97	97.3

001.1.P

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	79	89	73	76	78	72	78	90	81
BOD 5-Day (Max)	mg/L	86	107	93	98	95	86	96	104	90
Nitrogen Ammonia Total (Max)	mg/L	14.4	18.7	13.6	15.7	15.5	13.2	20.6	18.5	19.8
Nitrogen Kjeldahl Total (Max)	mg/L	23.6	29.8	21.3	25.6	24.9	17.4	28.8	32.8	35.6
Nitrogen Nitrate Total (Max)	mg/L	1.68	2.6	< 0.005	0.46	< 0.05	0.99	< 0.01	< 0.02	0.04
Nitrogen Nitrite Total (Max)	mg/L	0.44	0.65	< 0.005	< 0.005	< 0.05	< 0.02	< 0.01	< 0.02	0.04
Nitrogen, Total (Max)	mg/L	25.7	33.1	21.3	26.1	25	18.3	28.9	32.8	35.7
Solids, Total Suspended (Ave)	mg/L	70	79	83	92	102	117	108	96	81
Solids, Total Suspended (Max)	mg/L	94	103	110	129	143	136	152	108	88

Table 9

NPDES Parameters Measured Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Southington, CT
POTW

001.1.G

Parameter	Units	Oct-00	Nov-00	Dec-00	Feb-00	Mar-00	Apr-00
BOD 5-Day (Ave)	mg/L	136	151	171	98	101	89
BOD 5-Day (Max)	mg/L	192	237	306	258	196	124
Copper, Total (Ave)	kg/D	2.09	4.31	2.78	2.95	2.54	3.17
Copper, Total (Max)	kg/D	2.94	8.67	3.36	3.78	3.61	4.6
Nitrogen Ammonia Total (Max)	mg/L	10.3	14.6	13.3	15.6	9.4	8.7
Nitrogen Kjeldahl Total (Max)	mg/L	28.8	25.76	36	38.9	22.2	23.6
Nitrogen Nitrate Total (Max)	mg/L	0.45	< 1	0.62	0.13	1.51	1.32
Nitrogen Nitrite Total (Max)	mg/L	0.04	< 1	0.58	0.48	0.46	0.56
Nitrogen, Total (Max)	mg/L	29.3	25.76	37.2	39.5	24.2	25.5
Solids, Total Suspended (Ave)	mg/L	282	254	269	249	179	161
Solids, Total Suspended (Max)	mg/L	372	510	630	465	383	197
Zinc, Total (Ave)	kg/D	2.09	5.7	5.26	4.05	4.06	5.84
Zinc, Total (Max)	kg/D	2.94	10.31	8.7	4.73	5.1	8.67

001.1.K

Parameter	Units	Oct-00	Nov-00	Dec-00	Feb-01	Mar-01	Apr-01
BOD 5-Day Percent Removal (Min)	Percent	98	98.1	98.2	98	92.6	92.5
Solids, Suspended Percent (Min)	Percent	98.7	98.9	97.6	98	95.7	96.6

001.1.P

Parameter	Units	Oct-00	Nov-00	Dec-00	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	105	122	118	93	94	74
BOD 5-Day (Max)	mg/L	114	131	141	101	152	85
Nitrogen Ammonia Total (Max)	mg/L	11.8	19.2	18.3	18.8	13.5	10.4
Nitrogen Kjeldahl Total (Max)	mg/L	31.2	31.92	40.3	34.4	28.2	26.7
Nitrogen Nitrate Total (Max)	mg/L	0.04	< 0.02	< 0.18	0.36	1.38	1.62
Nitrogen Nitrite Total (Max)	mg/L	0.02	< 0.02	< 0.68	0.59	0.54	0.46
Nitrogen, Total (Max)	mg/L	31.3	31.92	41.2	35.4	30.1	28.7
Solids, Total Suspended (Ave)	mg/L	100	117	106	78	95	90
Solids, Total Suspended (Max)	mg/L	110	175	122	90	110	98

Table 10

NPDES Parameters Reported Quarterly
March 2000 - March 2001
Sample Sites 001.1.S and 001.1.T

Town of Southington, CT
POTW

001.1.S

Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Arsenic, Total (Max)	mg/Kg	< 0.51	6.78	< 0.51	< 0.495	< 0.499
Beryllium, Total (Max)	mg/Kg	< 1.01	< 1	< 1.01	< 0.99	< 1
Cadmium, Sludge Total Dry (Max)	mg/Kg	3.64	3.49	2.83	2.97	2.1
Chromium, Sludge Total Dry (Max)	mg/Kg	82	73.4	65.4	50.4	42.6
Copper, Sludge Total Dry (Max)	mg/Kg	1,110	960	1,320	997	958
Hydrocarbons, Petroleum (Max)	mg/Kg	269	7487	192	256	188.9
Lead, Sludge Total Dry (Max)	mg/Kg	97.1	90.7	104	84.4	39.7
Mercury, Sludge Total Dry	mg/Kg	< 0.0864	0.668	0.442	0.9413	0.137
Nickel, Sludge Total Dry (Max)	mg/Kg	59.9	62.9	64.2	51.2	43.5
Nitrogen (As NO3) Sludge (Max)	mg/Kg	4,019	85.7	3,710	4,647	20,450.98
Nitrogen Ammonia Total (Max)	mg/Kg	1,037	957.6	1,290	1,088	1,313.13
Nitrogen Nitrate Total (Max)	mg/Kg	< 0.005	85.7	40	196.1	558.82
Nitrogen Nitrite Total (Max)	mg/Kg	< 0.005	< 0.5	< 0.02	< 0.02	< 0.02
Nitrogen, Total (Max)	mg/Kg	5,056	1,028	5,040	3,735.10	22,323.53
PCBs (Max)	mg/Kg	< 0.34	0	< 0.7	< 3.3	< 3.3
pH (Max)	SU	8.5	8.3	7.9	8.7	8.5
Solids, Fixed Sludge (Min)	Percent	32.2	31.8	32.6	33.8	32.9
Solids, Sludge Total Dry (Min)	Percent	18.8	21.6	23.2	24	21.3
Solids, Volatile Percent Of (Min)	Percent	67.8	68.2	67.4	66.2	67.1
Zinc, Sludge Total Dry (Max)	mg/Kg	1,000	1,000	1,090	911	921

001.1.T

Parameter	UNITS	Mar-00	Jun-00	Dec-00	Mar-01
Antimony, Total (Max)	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Arsenic, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Beryllium, Total (Max)	mg/L	< 0.001	< 0.01	< 0.01	< 0.001
Cadmium, Total (Max)	mg/L	< 0.0005	< 0.01	< 0.01	< 0.0005
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total (Max)	mg/L	< 0.02	< 0.02	< 0.01	< 0.02
Copper, Total (Max)	mg/L	0.008	0.02	< 0.01	0.003
Cyanide, Free (Amenable To C) (Max)	mg/L	< 0.005	< 0.005	0.0224	0.0104
Cyanide, Total (Max)	mg/L	< 0.005	< 0.005	0.025	0.012
Lead, Total (Max)	mg/L	< 0.005	< 0.02	< 0.02	< 0.005
Mercury, Total (Max)	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Nickel, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Nitrogen Ammonia Total (Max)	mg/L	0.92	3.64	0.03	0.06
Nitrogen Nitrate Total (Max)	mg/L	14.79	14.6	24.06	18.8
Nitrogen Nitrite Total (Max)	mg/L	< 0.005	< 0.005	< 0.54	0.44
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass
P/F Stat 48 Hr Acu Pim	P/F	Pass	Pass	Pass	Pass
Phenols (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Selenium, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Silver, Total (Max)	mg/L	< 0.001	< 0.01	< 0.01	< 0.001
Thallium, Total (Max)	mg/L	< 0.01	< 0.1	< 0.1	< 0.01
Zinc, Total (Max)	mg/L	0.02	0.02	< 0.04	< 0.01

Table 11

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Wallingford, CT
POTW

001.1.1										
Parameter	UNITS	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	18	20	16	11	9	8	6	6	7
BOD 5-Day (Max)	mg/L	21	24	23	14	12	9	8	8	9
Copper, Total (Ave)	kg/D	0.306	0.219	0.32	0.295	0.305	0.287	0.016	0.013	0.017
Copper, Total (Max)	kg/D	0.363	0.376	0.37	0.444	0.357	0.287	0.016	0.013	0.017
Dissolved Oxygen (Min)	mg/L	8.8	8.5	8.3	7.7	8.2	7.5	7.5	8.1	7.9
Fecal Coliform General (Ave)	# / 100 ml	--	--	--	--	31	26	81	46	48
Fecal Coliform General (Max)	# / 100 ml	--	--	--	--	101	33	109	97	60
Flow, In Conduit or Through (Ave)	MGD	5.25	5.08	6.56	6.68	5.75	6.63	4.91	5.55	4.48
Flow, In Conduit or Through (Max)	MGD	6.5	7.1	9.5	14.5	--	--	--	--	--
Nitrogen Ammonia Total (Ave)	mg/L	2.8	4.2	1.7	0.9	--	--	--	--	--
Nitrogen Ammonia Total (Ave)	MGD	--	--	--	--	1	0.7	0.7	0.6	0.8
Nitrogen Ammonia Total (Max)	mg/L	--	--	--	--	1.3	1.1	0.8	0.9	1.3
Nitrogen Kjeldahl Total (Ave)	mg/L	--	--	--	--	3.25	2.4	2.8	2.73	4
Nitrogen Kjeldahl Total (Max)	mg/L	--	--	--	--	3.5	2.5	3	2.9	4.8
Nitrogen Nitrate Total (Ave)	mg/L	10.7	12.85	9.9	10.8	11.75	9.6	11.45	11.6	12.6
Nitrogen Nitrate Total (Max)	mg/L	11.4	13.9	10.8	13.6	11.9	9.7	12.8	13	13.5
Nitrogen Nitrite Total (Ave)	mg/L	1.02	0.46	0.34	0.295	0.375	0.3	0.36	0.263	0.28
Nitrogen Nitrite Total (Max)	mg/L	1.15	0.5	0.42	0.37	0.39	0.34	0.38	0.27	0.3
Nitrogen Total (Ave)	mg/L	16.97	21.36	14.21	13.65	15.38	12.25	14.61	14.6	16.92
Nitrogen Total (Max)	mg/L	18.08	23	16.82	16.77	15.79	12.54	16.18	16.16	17.5
Orthophosphate, Total (Ave)	mg/L	2.93	2.42	2.18	2.285	3.03	1.98	2.58	2.44	3.4
Orthophosphate, Total (Max)	mg/L	3.38	3.62	2.53	3.19	3.12	2.13	3.04	2.73	3.52
Oxygen Demand, Ultimate (Ave)	mg/L	--	--	--	--	18.1	14.9	12.8	12.4	13.9
Oxygen Demand, Ultimate (Max)	mg/L	--	--	--	--	23.5	18.6	16.1	16.1	17.6
P/F Stat 48 Hr Acu D.	P/F	--	--	Pass	--	--	--	--	--	--
P/F Stat 48 Hr Acu Pim	P/F	--	--	Pass	--	--	--	--	--	--
pH (Max)	SU	7.4	7.3	7.3	7.1	7.4	7.5	7.5	7.6	7.4
pH (Min)	SU	7.1	7.1	7	7	6.9	7.1	7.1	7.3	7.2
Phosphorus, Total (Ave)	mg/L	3.4	3.75	2.2	2.57	3.145	2.28	3.13	2.91	3.67
Phosphorus, Total (Max)	mg/L	3.8	3.97	2.55	3.46	3.16	2.42	3.34	2.74	3.99
Silver, Total (Ave)	mg/L	--	--	--	--	0.0017	0.0012	0.0005	0.006	0.0009
Silver, Total (Max)	mg/L	--	--	--	--	0.0017	0.0012	0.0005	0.006	0.0009
Solids, Seteable (Ave)	mg/L	< 0.01	< 0.01	< 0.02	< 0.02	--	--	--	--	--
Solids, Seteable (Max)	mg/L	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.1	< 0.1	0.2	0.1
Solids, Total Suspended (Ave)	mg/L	6	6	5	6	6	6	5	5	0.04
Solids, Total Suspended (Max)	mg/L	7	12	7	9	7	7	5	7	0.04
Turbidity (Max)	NTU	5.5	4.5	3	5	--	--	--	--	--
Zinc, Total (Ave)	kg/D	0.864	0.799	0.856	1.035	0.987	1.132	0.041	0.043	--
Zinc, Total (Max)	kg/D	1.304	0.967	1.272	1.395	1.124	1.132	0.041	0.043	--

001.1.K										
Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day Percent Removal (Min)	Percent	89	90	91	94	95	95	97	97	97
Solids, Suspended Percent (Min)	Percent	96	96	98	96	97	96	97	97	98

Table 11

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Wallingford, CT
POTW

001.1.1

Parameter	UNITS	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	13	16	19	19	18	19	15
BOD 5-Day (Max)	mg/L	15	20	29	23	21	11	22
Copper, Total (Ave)	kg/D	0.017	0.019	0.01	0.015	0.012	0.008	0.015
Copper, Total (Max)	kg/D	0.017	0.019	0.01	0.015	0.012	0.008	0.015
Dissolved Oxygen (Min)	mg/L	8.4	8.9	9.1	10	10	8.5	8.8
Fecal Coliform General (Ave)	# / 100 ml	--	--	--	--	--	--	--
Fecal Coliform General (Max)	# / 100 ml	--	--	--	--	--	--	--
Flow, In Conduit or Through (Ave)	MGD	4.01	4.11	5.36	4.89	6.23	9.96	7.1
Flow, In Conduit or Through (Max)	MGD	--	--	--	--	--	--	--
Nitrogen Ammonia Total (Ave)	mg/L	--	--	--	--	--	--	--
Nitrogen Ammonia Total (Max)	MGD	1.7	1.6	1.6	2.8	2.08	2.1	1.8
Nitrogen Ammonia Total (Ave)	mg/L	1.9	2.3	2.2	3.2	2.5	2.9	3.1
Nitrogen Kjeldahl Total (Ave)	mg/L	4.15	4.7	4.2	6	4.5	4.6	4.55
Nitrogen Kjeldahl Total (Max)	mg/L	4.3	5.1	5.3	6.1	4.8	5.5	4.8
Nitrogen Nitrate Total (Ave)	mg/L	14.6	14.6	12.5	12.1	10.55	7.55	7.8
Nitrogen Nitrate Total (Max)	mg/L	14.9	16.5	14.9	13.2	10.9	7.6	9
Nitrogen Nitrite Total (Ave)	mg/L	0.4	0.47	0.42	0.45	0.345	0.32	0.45
Nitrogen Nitrite Total (Max)	mg/L	0.41	0.5	0.49	0.51	0.345	0.4	0.5
Nitrogen Total (Ave)	mg/L	19.15	19.71	17.12	18.55	15.4	12.45	12.8
Nitrogen Total (Max)	mg/L	19.31	21.37	30.69	19.54	16.04	13.5	14.3
Orthophosphate, Total (Ave)	mg/L	3.51	3.54	2.7	2.93	2.25	1.46	2.27
Orthophosphate, Total (Max)	mg/L	3.56	3.84	3.37	3.05	2.45	1.68	2.84
Oxygen Demand, Ultimate (Ave)	mg/L	26.9	--	--	--	--	--	--
Oxygen Demand, Ultimate (Max)	mg/L	29.7	--	--	--	--	--	--
P/F Stat 48 Hr Acu D.	P/F	--	--	--	--	--	--	--
P/F Stat 48 Hr Acu Pim	P/F	--	--	--	--	--	--	--
pH (Max)	SU	7.4	7.3	7.2	7.1	7.1	7.2	7.2
pH (Min)	SU	7.2	7.1	7	6.9	6.9	6.8	6.9
Phosphorus, Total (Ave)	mg/L	4.02	4.01	3.32	4.03	2.39	1.3	2.89
Phosphorus, Total (Max)	mg/L	4.2	4.33	3.99	4.97	2.6	1.51	3.36
Silver, Total (Ave)	mg/L	0.0024	0.0016	0.0016	0.0005	0.0008	0.0009	0.0009
Silver, Total (Max)	mg/L	0.0024	0.0016	0.0016	0.0005	0.0008	0.0009	0.0009
Solids, Seteable (Ave)	mg/L	--	--	--	--	--	--	--
Solids, Seteable (Max)	mg/L	0.01	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Solids, Total Suspended (Ave)	mg/L	6	9	8	7	7	11	7
Solids, Total Suspended (Max)	mg/L	9	12	10	10	9	32	8
Turbidity (Max)	NTU	--	--	--	--	--	--	--
Zinc, Total (Ave)	kg/D	0.042	0.046	0.05	0.048	0.044	0.029	0.029
Zinc, Total (Max)	kg/D	0.042	0.046	0.05	0.048	0.044	0.029	0.029

001.1.K

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day Percent Removal (Min)	Percent	95	94	93	92	90	84	92
Solids, Suspended Percent (Min)	Percent	98	97	96	97	95	91	96

Table 11

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Wallingford, CT
POTW

001.1.G										
Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
BOD 5-Day (Ave)	mg/L	164	207	181	197	201	164	217	186	248
BOD 5-Day (Max)	mg/L	198	323	230	280	255	218	290	275	340
Copper, Total (Ave)	kg/D	1.88	1.72	2.12	1.54	--	--	--	--	--
Copper, Total (Max)	kg/D	3.57	2.82	4.66	1.87	1.87	0.21	0.073	0.076	0.121
Nitrogen Ammonia Total (Ave)	mg/L	16.2	17.95	12.06	13.21	15.05	11.5	15.97	13.85	17.05
Nitrogen Ammonia Total (Max)	mg/L	20.9	21.7	15.9	16.6	19	17.4	18.9	17.5	18.4
Nitrogen Kjeldahl Total (Ave)	mg/L	--	--	--	--	28.6	23.4	26.4	26.1	33.97
Nitrogen Kjeldahl Total (Max)	mg/L	--	--	--	--	31.4	24.1	27.1	31.6	38.7
Nitrogen Nitrate Total (Ave)	mg/L	0.8	0.55	1.2	1.2	< 0.25	< 0.4	< 0.1	0.2	< 0.2
Nitrogen Nitrate Total (Max)	mg/L	0.8	0.7	1.6	1.8	0.4	0.7	0.1	0.3	0.3
Nitrogen Nitrite Total (Ave)	mg/L	0.15	0.13	0.19	0.155	0.2	0.2	0.11	0.08	0.06
Nitrogen Nitrite Total (Max)	mg/L	0.16	0.14	0.24	0.17	0.26	0.24	0.19	0.18	0.08
Nitrogen Total (Ave)	mg/L	31.45	39.28	37.82	21.36	29.1	24	26.91	26.41	34.22
Nitrogen Total (Max)	mg/L	34.64	41.84	45.74	21.77	31.93	24.95	27.99	31.82	38.81
Solids, Total Suspended (Ave)	mg/L	153	172	155	145	177	148	195	169	231
Solids, Total Suspended (Max)	mg/L	298	408	452	192	299	228	245	203	299
Zinc, Total (Ave)	kg/D	2.88	2.6	3.03	2.26	--	--	--	--	--
Zinc, Total (Max)	kg/D	6.25	4.25	7.56	2.61	3.39	2.69	0.121	0.108	0.181

001.1.P										
Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Alkalinity, Total (Ave)	mg/L	146	139	117	115	130	135	154	147	151
Alkalinity, Total (Max)	mg/L	168	177	141	127	158	168	170	160	163
BOD 5-Day (Ave)	mg/L	--	--	--	--	118	105	106	100	104
BOD 5-Day (Max)	mg/L	--	--	--	--	165	129	153	153	129
Nitrogen Ammonia Total (Ave)	mg/L	14.38	16.7	11.62	11.28	13.66	11.4	15.43	13.19	14.99
Nitrogen Ammonia Total (Max)	mg/L	18.6	20.3	14.4	13.3	16.6	16.7	17.4	17.2	19.8
Nitrogen Kjeldahl Total (Ave)	mg/L	--	--	--	--	23.9	17.2	22.1	21.2	27.8
Nitrogen Kjeldahl Total (Max)	mg/L	--	--	--	--	24.4	18.2	22.5	25.6	28.9
Nitrogen Nitrate Total (Ave)	mg/L	2.4	2.8	2.1	2.5	1.1	1.6	1.4	1.66	2
Nitrogen Nitrate Total (Max)	mg/L	2.7	2.8	2.5	2.5	1.8	2	1.7	1.8	2.5
Nitrogen Nitrite Total (Ave)	mg/L	0.305	0.215	0.3	0.165	0.31	0.17	0.29	0.33	0.43
Nitrogen Nitrite Total (Max)	mg/L	0.31	0.23	0.47	0.18	0.47	0.17	0.39	0.47	0.54
Nitrogen Total (Ave)	mg/L	28.95	37.5	36.43	20.1	25.35	18.9	23.75	23.2	30.23
Nitrogen Total (Max)	mg/L	29.6	40.8	43.1	20.5	25.6	20.4	24.6	27.7	31.8
pH	SU	7.2	--	--	--	--	--	--	--	--
pH (Max)	SU	--	7.7	7.6	7.4	7.5	7.5	7.5	7.5	7.5
pH (Min)	SU	--	7.2	7.1	7.1	7.1	7.2	7.2	7.3	7.3
Solids, Total Suspended (Ave)	mg/L	--	--	--	--	56	56	61	53	63
Solids, Total Suspended (Max)	mg/L	--	--	--	--	65	70	78	60	114

Table 11

NPDES Parameters Reported Monthly
January 2000 - April 2001
Sample Sites 001.1.1, 001.1.G, 001.1.K, 001.1.P

Town of Wallingford, CT
POTW

001.1.G

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
BOD 5-Day (Ave)	mg/L	276	275	276	234	182	118	179
BOD 5-Day (Max)	mg/L	308	320	350	303	245	198	250
Copper, Total (Ave)	kg/D	--	--	--	--	--	--	--
Copper, Total (Max)	kg/D	0.095	0.099	0.068	0.075	0.046	0.03	0.041
Nitrogen Ammonia Total (Ave)	mg/L	20.3	18	14.8	16.2	11.95	7.3	8.3
Nitrogen Ammonia Total (Max)	mg/L	25.8	20.6	18.8	18.1	14.9	12.4	14.8
Nitrogen Kjeldahl Total (Ave)	mg/L	35.3	33.5	31.3	27.9	17	15.85	23.8
Nitrogen Kjeldahl Total (Max)	mg/L	36	35.7	42.2	30.2	18.8	18.9	31.1
Nitrogen Nitrate Total (Ave)	mg/L	< 0.25	< 0.5	1.5	1.2	1.25	2.2	0.6
Nitrogen Nitrate Total (Max)	mg/L	0.4	0.6	2.2	1.4	1.5	2.3	1.1
Nitrogen Nitrite Total (Ave)	mg/L	0.3	0.57	0.34	0.14	0.13	0.18	0.41
Nitrogen Nitrite Total (Max)	mg/L	0.4	0.66	0.37	0.18	0.13	0.2	0.56
Nitrogen Total (Ave)	mg/L	35.85	34.53	33.04	29.21	18.38	18.23	24.81
Nitrogen Total (Max)	mg/L	36.5	36.76	43.27	31.18	19.93	21.16	31.45
Solids, Total Suspended (Ave)	mg/L	296	280	220	226	157	119	164
Solids, Total Suspended (Max)	mg/L	348	402	286	228	224	161	282
Zinc, Total (Ave)	kg/D	--	--	--	--	--	--	--
Zinc, Total (Max)	kg/D	0.133	0.17	0.108	0.148	0.105	0.051	0.6

001.1.P

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01
Alkalinity, Total (Ave)	mg/L	166	164	147	150	136	106	122
Alkalinity, Total (Max)	mg/L	190	171	172	163	159	155	138
BOD 5-Day (Ave)	mg/L	119	139	163	125	125	99	124
BOD 5-Day (Max)	mg/L	150	180	207	165	156	141	141
Nitrogen Ammonia Total (Ave)	mg/L	18.2	17.1	15.1	16.6	11.13	7.1	9.2
Nitrogen Ammonia Total (Max)	mg/L	20.5	19.2	18.5	18.7	14.3	12.6	13.8
Nitrogen Kjeldahl Total (Ave)	mg/L	27.1	28.2	28.6	26.5	18.5	20.3	18.8
Nitrogen Kjeldahl Total (Max)	mg/L	27.1	31.4	36.1	27.7	18.5	27.2	22
Nitrogen Nitrate Total (Ave)	mg/L	2.8	3.4	3.1	2.83	2.8	2.75	1.6
Nitrogen Nitrate Total (Max)	mg/L	3.3	3.5	3.3	3	2.9	2.8	2
Nitrogen Nitrite Total (Ave)	mg/L	0.62	0.34	0.2	0.34	0.185	0.155	0.62
Nitrogen Nitrite Total (Max)	mg/L	0.75	0.57	0.22	0.65	0.19	0.16	0.74
Nitrogen Total (Ave)	mg/L	30.55	32.03	31.85	29.7	21.5	23.25	21
Nitrogen Total (Max)	mg/L	30.9	35.2	39.6	31.1	21.5	30.1	23.9
pH	SU	--	--	--	--	--	--	--
pH (Max)	SU	7.6	7.5	7.6	7.7	7.3	7.5	7.5
pH (Min)	SU	7.2	7.3	7.2	7.4	7.6	6.9	7.2
Solids, Total Suspended (Ave)	mg/L	51	49	48	51	43	45	44
Solids, Total Suspended (Max)	mg/L	80	72	61	64	57	60	54

Table 12

NPDES Parameters Reported Monthly
 March 2000 - March 2001
 Sample Sites 001.1.S 001.1.T

Town of Wallingford, CT
 POTW

001.1.S						
Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Arsenic, Total 9max)	mg/kg	--	4.65	2.82	2.39	< 0.65
Beryllium, Total (Max)	mg/kg	0.55	0.388	0.636	6.37	0.33
Cadmium, Sludge Total Dry (Max)	mg/kg	8	10.9	< 0.0001	6.52	11.4
Chromium, Sludge Total Dry (Max)	mg/kg	87.2	90.7	93.3	99	146
Copper, Sludge Total Dry (Max)	mg/kg	958	639	969	825	978
Hydrocarbons, Petroleum (Max)	mg/kg	40,700	--	--	--	--
Lead, Sludge Total Dry (Max)	mg/kg	127	132	102	119	144
Mercury, Sludge Total Dry (Max)	mg/kg	2.71	2.23	2.3	2.22	1.79
Nickel, Sludge Total Dry (Max)	mg/kg	75.6	97.7	220	132	247
Nitrogen (As No3) Sludge (Max)	mg/kg	55,200	--	--	--	--
Nitrogen Ammonia Total (Max)	mg/kg	6,240	--	--	--	--
PCBs (Max)	mg/kg	0.276	3.85	17.4	< 2.27	< 2.27
pH (Max)	SU	7.55	--	--	--	--
pH (Min)	SU	7.55	--	--	--	--
Phosphorus, Sludge Total (Max)	mg/kg	20,100	--	--	--	--
Solids, Fixed Sludge (Min)	Percent	28.7	31.7	29.3	28.5	29
Solids, Sludge Total Dry (Min)	Percent	18.1	1.3	2.3	2.2	2.2
Solids, Volatile Percent Of (Min)	Percent	71.3	68.3	70.7	71.5	71
Zinc, Sludge Total Dry (Max)	mg/kg	1,010	1,090	1,060	891	1,010

Table 12

NPDES Parameters Reported Monthly
March 2000 - March 2001
Sample Sites 001.1.S 001.1.T

Town of Wallingford, CT
POTW

001.1.T		Parameter	UNITS	Mar-00	Jun-00	Sep-00	Nov-00	Dec-00	Mar-01	Apr-01
		Antimony, Total (Max)	mg/L	--	< 0.003	--	--	--	--	--
		Arsenic, Total 9max)	mg/L	--	< 0.0015	--	--	--	< 0.0013	< 0.0009
		Beryllium, Total (Max)	mg/L	--	< 0.0002	--	--	--	--	--
		BOD 5-Day (Max)	mg/L	17	--	--	--	--	--	--
		Cadmium, Total (Max)	mg/L	--	< 0.0004	< 0.0001	0.0001	< 0.00015	< 0.0015	< 0.0001
		Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
		Chromium, Total (Max)	mg/L	< 0.011	< 0.002	0.002	--	0.0047	< 0.001	< 0.001
		Copper, Total (Max)	mg/L	< 0.012	0.011	0.017	--	0.01	0.008	0.015
		Cyanide, Free (Amen. To C) (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
		Cyanide, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
		Lead, Total (Max)	mg/L	0.0066	0.002	< 0.001	--	0.003	< 0.001	< 0.0009
		Mercury, Total (Max)	mg/L	--	< 0.0002	--	--	--	--	--
		Nickel, Total (Max)	mg/L	0.012	0.014	0.01	--	0.018	< 0.012	< 0.012
		Nitrogen Ammonia Total (Max)	mg/L	3.36	0.7	0.8	1.6	1.7	1.1	1.9
		Nitrogen Nitrate Total (Max)	mg/L	10.6	9.7	12.8	16.5	14.9	7.51	6.6
		Nitrogen Nitrite Total (Max)	mg/L	0.42	0.34	0.27	0.47	0.49	0.24	0.39
		P/F Stat 48 Hr Acu D. (Max)	P/F	--	Pass	Fail	--	Pass	Fail	Pass
		P/F Stat 48 Hr Acu D. (Max)	P/F	--	--	--	Pass	--	--	--
		P/F Stat 48 Hr Acu Pim	P/F	--	--	Pass	--	Pass	Pass	Pass
		P/F Stat 48 Hr Acu Pim	P/F	--	--	--	Pass	--	--	--
		P/F Stat 48 Hr Acu Pim (Max)	P/F	--	Pass	--	--	--	--	--
		Phenols (Max)	mg/L	0.1	< 0.005	< 0.015	0.024	0.015	< 0.015	< 0.015
		Selenium, Total (Max)	mg/L	0	< 0.003	--	--	--	--	--
		Silver, Total (Max)	mg/L	--	0.0012	0.0009	--	0.0016	< 0.009	< 0.009
		Solids, Total Suspended (Max)	mg/L	6	--	--	--	--	--	--
		Thallium, Total (Max)	mg/L	--	< 0.003	--	--	--	--	--
		Zinc, Total (Max)	mg/L	0.033	0.051	0.04	--	0.05	0.029	0.029

Table 13

NPDES Parameters Reported Monthly
January 2000 - April 2000
Sample Sites 03F.1.L, 03F.2.L, 03F.3.L

Town of Wallingford, CT
POTW

03F.1.L

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00
Acids, Total Volatile (Ave)	mg/L	1,104	1,074	< 708	1,038
Acids, Total Volatile (Max)	mg/L	1,392	1,248	1,344	1,344
Alkalinity, Total (Ave)	mg/L	3,392	3,795	3,362	3,415
Alkalinity, Total (Max)	mg/L	3,460	3,840	3,520	3,550
pH (Max)	SU	7.2	7	7.3	7.2
pH (Min)	SU	7	7	6.9	7
Temperature, Degrees F (Ave)	Deg F	95	94	94	94
Temperature, Degrees F (Max)	Deg F	96	95	94	95

03F.2.L

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00
Acids, Total Volatile (Ave)	mg/L	--	1,110	966	< 678
Acids, Total Volatile (Max)	mg/L	1,392	1,416	1,320	1,200
Alkalinity, Total (Ave)	mg/L	3,338	3,612	3,455	3,270
Alkalinity, Total (Max)	mg/L	3,470	3,670	3,650	3,440
pH (Max)	SU	7.1	7.1	7.2	7.2
pH (Min)	SU	7	7	6.9	7.1
Temperature, Degrees F (Ave)	Deg F	95	95	98	99
Temperature, Degrees F (Max)	Deg F	96	97	101	100

03F.3.L

Parameter	Units	Feb-00	Mar-00	Apr-00
Acids, Total Volatile (Ave)	mg/L	1,368	888	821
Acids, Total Volatile (Max)	mg/L	930	1,446	1,272
Alkalinity, Total (Ave)	mg/L	5,167	4,755	4,597
Alkalinity, Total (Max)	mg/L	5,430	5,120	4,910
pH (Max)	SU	7.2	7.1	7.1
pH (Min)	SU	6.9	7	7
Temperature, Degrees F (Ave)	Deg F	87	90	92
Temperature, Degrees F (Max)	Deg F	90	91	93

Table 14

 NPDES Parameters Reported Quarterly
 March 2000 - March 2001
 Sample Site 003.1.1

 Allegheny Ludlum Steel Division
 Wallingford, CT

Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Chlorine, Total Residual	mg/L	0.05	0.05	0.05	<0.05	0.08
Chlorine, Total Residual (Ave)	mg/L	0.05	0.05	0.05	< 0.05	0.08
Chlorine, Total Residual (Max)	mg/L	0.05	0.05	0.05	< 0.05	0.08
Copper, Total	mg/L	0.01	0.01	0.012	0.009	0.013
Copper, Total (Ave)	mg/L	0.01	0.01	0.012	0.009	0.013
Copper, Total (Max)	mg/L	0.01	0.01	0.012	0.009	0.013
Duration of Daily Discharge	hr/D	24	24	24	24	24
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow Rate, Instantaneous	GPM	34	40	36	32	52
Flow Rate, Instantaneous (Ave)	GPM	34	40	36	32	52
Flow Rate, Instantaneous (Max)	GPM	34	40	36	32	52
Flow, Day of Sampling	GPD	48,960	57,600	51,840	46,080	74,880
Flow, Day of Sampling (Ave)	GPD	48,960	57,600	51,840	46,080	74,880
Flow, Day of Sampling (Max)	GPD	48,960	57,600	51,840	46,080	74,880
Lead, Total	µg/L	<5	<5	6	<5	24
Lead, Total (Ave)	µg/L	< 5	< 5	6	< 5	24
Lead, Total (Max)	µg/L	< 5	< 5	6	< 5	24
Nickel, Total	mg/L	0.067	0.212	0.146	0.195	0.449
Nickel, Total (Ave)	mg/L	0.067	--	0.146	0.195	0.449
Nickel, Total (Max)	mg/L	0.067	0.212	0.146	0.195	0.449
Nitrogen, Ammonia Total	mg/L	<0.1	0.15	<0.1	0.6	--
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.1	0.15	< 0.1	0.6	0.32
Nitrogen, Ammonia Total (Max)	mg/L	< 0.1	0.15	< 0.1	0.6	0.32
Oil & Grease Freon Extr-G	mg/L	2	5.6	<1	<0.05	2.4
Oil & Grease Freon Extr-G (Ave)	mg/L	2	5.6	< 1	< 0.05	2.4
Oil & Grease Freon Extr-G (Max)	mg/L	2	5.6	< 1	< 0.05	2.4
P/F Stat 48 Hr Acu D.	P/F	Pass	--	Pass	--	Fail
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	--	Pass	--	Fail
P/F Stat Acu Pimephales	P/F	Pass	--	Pass	--	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	--	Pass	--	Fail
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	--	Pass	--	Fail
P/F Stat Chr Pimephales	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	--	Pass	--	Pass
pH	SU	6.5-7.5	7.0-7.5	6.6-8.0	7.0-7.5	6.4-7.2
pH (Max)	SU	7.5	7.5	8	7.5	7.2
pH (Min)	SU	6.5	7	6.6	7	6.4
Solids, Total Suspended	mg/L	5	5	5	4	12
Solids, Total Suspended (Ave)	mg/L	5	5	5	4	12
Solids, Total Suspended (Max)	mg/L	5	5	5	4	12
Surfactants (MBAs)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Surfactants (MBAs) (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Surfactants (MBAs) (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc, Total	mg/L	0.026	0.034	0.037	0.054	0.133
Zinc, Total (Ave)	mg/L	0.026	0.034	0.037	0.054	0.133
Zinc, Total (Max)	mg/L	0.026	0.034	0.037	0.054	0.133

Table 15

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00
Chromium, Hexavalent (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total (Ave)	lb/D	0.03	0.02	0.01	0.01	0.05
Chromium, Total (Ave)	mg/L	0.03	0.02	0.01	0.01	0.004
Chromium, Total (Max)	lb/D	0.05	0.04	0.03	--	0.07
Chromium, Total (Max)	mg/L	0.04	0.04	0.02	0.02	0.05
Copper, Total (Ave)	lb/D	0.094	0.088	0.053	0.03	0.084
Copper, Total (Ave)	mg/L	0.087	0.091	0.052	0.033	0.06
Copper, Total (Max)	lb/D	0.162	0.153	0.092	0.055	0.134
Copper, Total (Max)	mg/L	0.157	0.173	0.101	--	0.095
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow, Day of Sampling (Ave)	GPD	129,424	123,921	--	--	159,157
Flow, Day of Sampling (Max)	GPD	155,456	139,291	177,808	145,211	226,037
Fluoride, Total (Ave)	mg/L	9.3	11.3	11.2	9.4	9.4
Fluoride, Total (Max)	mg/L	10	14.3	12.5	11	10.2
Iron, Total (Ave)	mg/L	0.09	0.16	0.18	0.13	0.14
Iron, Total (Max)	mg/L	0.14	0.23	0.28	0.24	0.23
Lead, Total (Ave)	lb/D	0.001	0	0	0	0.002
Lead, Total (Ave)	mg/L	0.001	< 0.005	< 0.005	< 0.005	0.001
Lead, Total (Max)	lb/D	0.005	0	0	0	0.009
Lead, Total (Max)	mg/L	0.005	< 0.005	< 0.005	< 0.005	0.005
Nickel, Total (Ave)	lb/D	--	0.756	0.202	0.254	0.346
Nickel, Total (Ave)	mg/L	0.496	0.728	0.199	0.279	0.252
Nickel, Total (Max)	lb/D	--	0.924	0.304	0.385	0.62
Nickel, Total (Max)	mg/L	0.749	0.797	0.334	0.454	0.329
Oil & Grease Freon Extr-G (Ave)	lb/D	0	3.5	0.4	1.4	3.1
Oil & Grease Freon Extr-G (Ave)	mg/L	< 0.1	3.3	0.4	1.2	3.1
Oil & Grease Freon Extr-G (Max)	lb/D	0	6	1.8	5.7	9.1
Oil & Grease Freon Extr-G (Max)	mg/L	< 0.1	5.6	2	4.7	10.4
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	--	--	Pass	--
P/F Stat Chr Daphnia Pul	P/F	Pass	--	--	--	--
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	--	--	Pass	--
pH (Max)	SU	8.4	8.5	8.2	7.9	8.5
pH (Min)	SU	6.2	6.4	6.5	7	6.6
Solids, Total Suspended (Ave)	lb/D	6.7	7.4	5.8	5.9	5.3
Solids, Total Suspended (Ave)	mg/L	6	6.75	5.2	6.5	4
Solids, Total Suspended (Max)	lb/D	12.4	13.9	13.3	8.7	8.4
Solids, Total Suspended (Max)	mg/L	12	12	9	10	6
Zinc, Total (Ave)	lb/D	0.016	0.015	0.015	0.014	0.023
Zinc, Total (Ave)	mg/L	0.014	0.014	0.013	0.015	0.017
Zinc, Total (Max)	lb/D	0.018	0.024	0.039	0.017	0.034
Zinc, Total (Max)	mg/L	0.017	0.021	0.026	0.02	0.028

Table 15

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00
Chromium, Hexavalent (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total (Ave)	lb/D	0.02	0.04	0.03	0.02	0.03
Chromium, Total (Ave)	mg/L	0.03	0.05	0.04	0.04	0.04
Chromium, Total (Max)	lb/D	0.03	0.04	0.05	0.03	0.07
Chromium, Total (Max)	mg/L	0.04	0.06	0.06	0.04	0.09
Copper, Total (Ave)	lb/D	0.042	0.041	0.047	0.053	0.046
Copper, Total (Ave)	mg/L	0.053	0.048	0.068	0.083	0.056
Copper, Total (Max)	lb/D	0.058	0.074	0.061	0.062	0.102
Copper, Total (Max)	mg/L	0.063	0.074	0.087	0.1	0.119
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow, Day of Sampling (Ave)	GPD	94,326	97,830	85,748	78,262	95,629
Flow, Day of Sampling (Max)	GPD	109,791	119,160	112,688	91,890	102,628
Fluoride, Total (Ave)	mg/L	9.1	8.8	7.9	8.3	10
Fluoride, Total (Max)	mg/L	10.5	10.5	8.5	8.6	13.5
Iron, Total (Ave)	mg/L	0.12	0.13	0.18	0.15	0.17
Iron, Total (Max)	mg/L	0.17	0.18	0.28	0.16	0.33
Lead, Total (Ave)	lb/D	0.002	0	0.001	0	0.001
Lead, Total (Ave)	mg/L	0.003	< 0.005	0.002	< 0.005	0.002
Lead, Total (Max)	lb/D	0.007	0	0.007	0	0.005
Lead, Total (Max)	mg/L	0.01	< 0.005	0.009	< 0.005	0.006
Nickel, Total (Ave)	lb/D	0.206	0.225	0.311	0.261	0.274
Nickel, Total (Ave)	mg/L	0.259	0.276	0.444	0.405	0.341
Nickel, Total (Max)	lb/D	0.302	0.298	0.401	0.306	0.4
Nickel, Total (Max)	mg/L	0.341	0.405	0.518	0.486	0.493
Oil & Grease Freon Extr-G (Ave)	lb/D	0.9	0.4	1.8	3.5	--
Oil & Grease Freon Extr-G (Ave)	mg/L	1.1	0.6	2.9	5	1
Oil & Grease Freon Extr-G (Max)	lb/D	1.8	1.8	3.9	9.2	--
Oil & Grease Freon Extr-G (Max)	mg/L	2.3	2.4	6.6	13.2	3.2
P/F Stat 48 Hr Acu D. (Ave)	P/F	--	Pass	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--
P/F Stat Chr Daphnia Pul (Ave)	P/F	--	Pass	--	--	--
pH (Max)	SU	8.1	8.1	8.2	8.6	--
pH (Min)	SU	7.2	6.3	6.5	6.5	6.8
Solids, Total Suspended (Ave)	lb/D	2.4	3.5	1.1	3	2.3
Solids, Total Suspended (Ave)	mg/L	3.25	3.5	1.8	4.75	2.75
Solids, Total Suspended (Max)	lb/D	3.9	13.9	1.9	3.5	5.1
Solids, Total Suspended (Max)	mg/L	5	14	4	6	6
Zinc, Total (Ave)	lb/D	0.013	0.023	0.024	0.011	0.027
Zinc, Total (Ave)	mg/L	0.017	0.028	0.034	0.016	0.035
Zinc, Total (Max)	lb/D	0.014	0.034	0.04	0.017	0.039
Zinc, Total (Max)	mg/L	0.019	0.038	0.046	0.026	0.051

Table 15

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Chromium, Hexavalent (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total (Ave)	lb/D	0.01	0.02	0.02	0.02	0.01
Chromium, Total (Ave)	mg/L	0.02	0.04	0.03	0.03	0.01
Chromium, Total (Max)	lb/D	0.04	0.07	0.04	0.04	0.02
Chromium, Total (Max)	mg/L	0.04	0.09	0.09	0.06	0.03
Copper, Total (Ave)	lb/D	0.084	0.057	0.063	0.061	0.098
Copper, Total (Ave)	mg/L	0.107	0.084	0.107	0.075	0.141
Copper, Total (Max)	lb/D	0.12	0.117	0.074	0.102	0.243
Copper, Total (Max)	mg/L	0.167	0.161	0.156	0.087	0.337
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow, Day of Sampling (Ave)	GPD	94,734	79,242	72,739	93,779	81,932
Flow, Day of Sampling (Max)	GPD	105,942	86,921	84,040	142,891	86,353
Fluoride, Total (Ave)	mg/L	13.9	12	10.8	10.6	10.8
Fluoride, Total (Max)	mg/L	16.1	13.5	11.7	13.5	11.8
Iron, Total (Ave)	mg/L	0.35	0.3	0.27	0.18	0.23
Iron, Total (Max)	mg/L	0.59	0.74	0.57	0.24	0.45
Lead, Total (Ave)	lb/D	0	0	0	0	0.002
Lead, Total (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.002
Lead, Total (Max)	lb/D	0	0	0	0	0.006
Lead, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.009
Nickel, Total (Ave)	lb/D	0.559	0.339	0.405	0.399	0.348
Nickel, Total (Ave)	mg/L	0.716	0.495	0.676	0.482	0.501
Nickel, Total (Max)	lb/D	0.691	0.789	0.579	0.719	0.524
Nickel, Total (Max)	mg/L	0.948	1.089	0.944	0.603	0.727
Oil & Grease Freon Extr-G (Ave)	lb/D	0.8	0.3	0	0.2	0.6
Oil & Grease Freon Extr-G (Ave)	mg/L	1.1	0.4	< 0.1	0.4	0.9
Oil & Grease Freon Extr-G (Max)	lb/D	2.2	1.1	0	0.9	2.5
Oil & Grease Freon Extr-G (Max)	mg/L	3	1.5	< 0.1	1.5	3.5
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	--	Pass	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	--	Pass	--	--
pH (Max)	SU	8.2	7.9	7.6	8.2	8.2
pH (Min)	SU	6.8	6.4	6.2	6.2	6.2
Solids, Total Suspended (Ave)	lb/D	0.6	0	0.8	1.2	0.5
Solids, Total Suspended (Ave)	mg/L	0.8	< 1	1.2	1.75	0.75
Solids, Total Suspended (Max)	lb/D	1.7	0	1.8	3.6	2.2
Solids, Total Suspended (Max)	mg/L	2	< 1	3	6	--
Zinc, Total (Ave)	lb/D	0.021	0.013	0.017	0.015	0.012
Zinc, Total (Ave)	mg/L	0.026	0.018	0.03	0.02	0.018
Zinc, Total (Max)	lb/D	0.032	0.032	0.026	0.025	0.016
Zinc, Total (Max)	mg/L	0.042	0.044	0.056	0.023	0.023

Table 16

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	05-Jan-00	12-Jan-00	19-Jan-00	25-Jan-00	02-Feb-00	09-Feb-00	16-Feb-00	24-Feb-00	01-Mar-00	08-Mar-00
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0.03	0.02	0.03	0.05	0.04	0.03	0	0	0	0.03
Chromium, Total	mg/L	0.03	0.02	0.03	0.04	0.04	0.03	< 0.02	< 0.02	< 0.02	0.02
Copper, Total	lb/D	0.05	0.057	0.162	0.105	0.095	0.069	0.035	0.153	0.092	0.064
Copper, Total	mg/L	0.053	0.055	0.157	0.081	0.102	0.059	0.03	0.173	0.101	0.043
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	113,509	125,213	123,519	155,456	111,634	139,291	138,944	105,813	109,061	177,808
Fluoride, Total	mg/L	8.1	9.5	9.6	10	10.5	14.3	10.5	10	11.3	12.5
Iron, Total	mg/L	0.07	0.05	0.14	0.1	0.14	0.23	0.08	0.18	0.19	0.14
Lead, Total	lb/D	0	0	0.005	0	0	0	0	0	0	0
Lead, Total	mg/L	< 0.005	< 0.005	0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	lb/D	--	--	--	--	0.625	0.839	0.924	0.635	0.304	0.246
Nickel, Total	mg/L	0.392	0.238	0.749	0.604	0.671	0.722	0.797	0.72	0.334	0.166
Oil & Grease Freon Extr-G	lb/D	0	0	0	0	5.2	6	2.8	0	1.8	0
Oil & Grease Freon Extr-G	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	5.6	5.2	2.4	< 0.1	2	< 0.1
P/F Stat 48 Hr Acu D.	P/F	Pass	--	--	--	--	--	--	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--	--	--	--	--	--
pH	SU	6.2-7.2	7.1-7.6	6.6-8.4	6.8-7.8	6.4-7.4	6.4-7.7	6.7-8.5	6.5-7.3	6.5-8.0	7.5-8.0
Solids, Total Suspended	lb/D	0	4.2	12.4	10.4	4.7	13.9	9.3	1.8	6.4	13.3
Solids, Total Suspended	mg/L	< 1	4	12	8	5	12	8	2	7	9
Zinc, Total	lb/D	0.012	0.016	0.018	0.017	0.01	0.024	0.015	0.01	0.009	0.039
Zinc, Total	mg/L	0.013	0.015	0.017	0.013	0.011	0.021	0.013	0.011	0.01	0.026

Table 16

 NPDES Parameters Reported Weekly
 January 2000 - March 2001
 Sample Site 005.1.1

 Allegheny Ludlum Steel Division
 Wallingford, CT

Parameter	Units	15-Mar-00	22-Mar-00	29-Mar-00	05-Apr-00	12-Apr-00	18-Apr-00	26-Apr-00	03-May-00	09-May-00	17-May-00
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0	0.02	0.02	0	0	0	0.02	0	0.06	0.06
Chromium, Total	mg/L	< 0.02	0.02	0.02	< 0.02	< 0.02	< 0.02	0.02	< 0.02	0.05	0.05
Copper, Total	lb/D	0.032	0.044	0.033	0.019	0.021	0.024	0.055	0.02	0.074	0.066
Copper, Total	mg/L	0.036	0.045	0.036	0.024	0.025	0.02	0.063	0.023	0.058	0.055
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	108,166	116,629	108,819	94,503	101,809	145,211	104,403	104,778	152,608	143,689
Fluoride, Total	mg/L	11	11	10	8.4	8.8	9.5	11	8.7	8.6	10
Iron, Total	mg/L	0.14	0.28	0.13	0.07	0.24	0.07	0.15	0.09	0.009	0.13
Lead, Total	lb/D	0	0	0	0	0	0	0	0	0	0
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	lb/D	0.14	0.183	0.138	0.121	0.385	0.236	0.273	0.173	0.368	0.332
Nickel, Total	mg/L	0.155	0.188	0.152	0.153	0.454	0.195	0.314	0.198	0.289	0.277
Oil & Grease Freon Extr-G	lb/D	0	0	0	0	0	5.7	0	9.1	4.2	2.3
Oil & Grease Freon Extr-G	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	4.7	< 0.1	10.4	3.3	1.9
P/F Stat 48 Hr Acu D.	P/F	--	--	--	Pass	--	--	--	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	Pass	--	--	--	--	--	--
pH	SU	7.6-8.2	7.0-7.8	7.3-8.1	7.4-7.9	7.0-7.7	7.2-7.9	7.1-7.8	7.2-8.3	7.5-7.9	7.2-8.5
Solids, Total Suspended	lb/D	3.6	2.9	2.7	7.1	1.7	6.1	8.7	3.5	6.4	2.4
Solids, Total Suspended	mg/L	4	3	3	9	2	5	10	4	5	2
Zinc, Total	lb/D	0.007	0.007	0.012	0.016	0.008	0.017	0.013	0.008	0.02	0.034
Zinc, Total	mg/L	0.008	0.007	0.013	0.02	0.01	0.014	0.015	0.009	0.016	0.028

Table 16

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	24-May-00	30-May-00	07-Jun-00	14-Jun-00	20-Jun-00	28-Jun-00	05-Jul-00	12-Jul-00	18-Jul-00	26-Jul-00
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0.007	0.006	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.04
Chromium, Total	mg/L	0.05	0.03	0.02	0.03	0.03	0.04	0.05	0.04	0.04	0.06
Copper, Total	lb/D	0.134	0.126	0.058	0.037	0.042	0.033	0.029	0.035	0.035	0.026
Copper, Total	mg/L	0.095	0.067	0.063	0.052	0.053	0.045	0.036	0.074	0.048	0.035
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	168,671	226,037	109,791	84,701	94,276	88,534	96,509	119,160	87,387	88,265
Fluoride, Total	mg/L	9.4	10.2	10.5	7.6	10.5	7.9	9.7	7.5	10.5	7.6
Iron, Total	mg/L	0.23	0.16	0.17	0.13	0.11	0.08	0.11	0.18	0.11	0.12
Lead, Total	lb/D	0	0.009	0	0	0	0.007	0	0	0	0
Lead, Total	mg/L	< 0.005	0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	lb/D	0.236	0.62	0.302	0.241	0.171	0.109	0.119	0.298	0.183	0.298
Nickel, Total	mg/L	0.168	0.329	0.33	0.341	0.218	0.148	0.148	0.3	0.251	0.405
Oil & Grease Freon Extr-G	lb/D	0	0	1.8	0	0	1.7	0	0	0	1.8
Oil & Grease Freon Extr-G	mg/L	< 0.1	< 0.1	2	< 0.1	< 0.1	2.3	< 0.1	< 0.1	< 0.1	2.4
P/F Stat 48 Hr Acu D.	P/F	--	--	--	--	--	--	Pass	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--	--	Pass	--	--	--
pH	SU	7.9-8.5	6.6-8.0	7.3-8.1	7.4-7.9	7.3-7.9	7.2-7.6	7.3-7.9	7.2-8.0	6.5-7.5	6.3-8.1
Solids, Total Suspended	lb/D	8.4	5.7	0	3.5	3.9	2.2	0	13.9	0	0
Solids, Total Suspended	mg/L	6	3	< 1	5	5	3	< 1	14	< 1	< 1
Zinc, Total	lb/D	0.025	0.026	0.013	0.011	0.014	0.014	0.014	0.034	0.015	0.028
Zinc, Total	mg/L	0.018	0.014	0.014	0.015	0.018	0.019	0.017	0.034	0.021	0.038

Table 16

 NPDES Parameters Reported Weekly
 January 2000 - March 2001
 Sample Site 005.1.1

 Allegheny Ludlum Steel Division
 Wallingford, CT

Parameter	Units	01-Aug-00	08-Aug-00	16-Aug-00	23-Aug-00	29-Aug-00	06-Sep-00	13-Sep-00	20-Sep-00	27-Sep-00
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0.04	0.05	0	0.04	0.03	0.02	0.03	0.02	0.03
Chromium, Total	mg/L	0.04	0.06	< 0.02	0.06	0.06	0.03	0.04	0.03	0.05
Copper, Total	lb/D	0.053	0.061	0.05	0.034	0.036	0.062	0.055	0.045	0.051
Copper, Total	mg/L	0.056	0.07	0.087	0.046	0.082	0.081	0.079	0.07	0.1
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	112,688	104,635	69,248	89,127	53,043	91,890	83,160	76,320	61,679
Fluoride, Total	mg/L	7.3	8.3	7.6	8.5	7.6	8.5	8.2	8.6	7.8
Iron, Total	mg/L	0.13	0.12	0.25	0.11	0.28	0.13	0.16	0.13	0.16
Lead, Total	lb/D	0	0	0	0.007	0.007	0	0	0	0
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	0.009	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	lb/D	0.401	0.38	0.279	0.266	0.229	0.27	0.306	0.217	0.25
Nickel, Total	mg/L	0.427	0.436	0.483	0.358	0.518	0.352	0.441	0.341	0.486
Oil & Grease Freon Extr-G	lb/D	2.3	0	0	3.9	2.9	3.8	9.2	1.1	0
Oil & Grease Freon Extr-G	mg/L	2.5	< 0.1	< 0.1	5.2	6.6	--	--	--	--
P/F Stat 48 Hr Acu D.	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--	--	--	--	--
pH	SU	7.2-8.1	7.3-7.6	6.5-8.0	7.0-8.2	7.0-7.5	6.8-7.4	6.8-7.5	6.5-8.2	6.7-8.6
Solids, Total Suspended	lb/D	1.9	0	1.7	0	1.8	2.3	3.5	3.2	3.1
Solids, Total Suspended	mg/L	2	< 1	3	< 1	4	3	5	5	6
Zinc, Total	lb/D	0.024	0.04	0.02	0.021	0.016	0.011	0.015	0.017	0
Zinc, Total	mg/L	0.026	0.046	0.035	0.028	0.37	0.015	0.021	0.026	< 0.005

Table 16

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	04-Oct-00	11-Oct-00	October 18, 2000	25-Oct-00	02-Nov-00	11-Nov-00	14-Nov-00	20-Nov-00	27-Nov-00	07-Dec-00
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0.03	0.03	0.07	0	0	0.04	0	0.03	0	0.01
Chromium, Total	mg/L	0.04	0.04	0.09	< 0.02	< 0.02	0.04	< 0.02	0.04	< 0.02	0.02
Copper, Total	lb/D	0.041	0.102	0.031	0.012	0.12	0.103	0.081	0.051	0.065	0.03
Copper, Total	mg/L	0.05	0.119	0.04	0.016	0.167	0.117	0.096	0.069	0.085	0.047
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	97,174	102,628	91,453	91,260	86,214	105,942	101,027	88,491	91,998	77,011
Fluoride, Total	mg/L	8.1	8.5	10	13.5	13.5	12	12.5	16.1	15.3	13.5
Iron, Total	mg/L	0.07	0.33	0.17	0.11	0.31	0.18	0.27	0.59	0.41	0.07
Lead, Total	lb/D	0	0	0.005	0	0	0	0	0	0	0
Lead, Total	mg/L	< 0.005	< 0.005	0.006	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	lb/D	0.4	0.3	0.335	0.062	0.682	0.684	0.359	0.691	0.382	0.302
Nickel, Total	mg/L	0.493	0.35	0.439	0.082	0.948	0.774	0.426	0.936	0.498	0.47
Oil & Grease Freon Extr-G	lb/D	--	--	--	--	2.2	1.3	0	0	0.8	0
Oil & Grease Freon Extr-G	mg/L	3.2	0	0.8	0	3	1.5	< 0.1	< 0.1	1	< 0.1
P/F Stat 48 Hr Acu D.	P/F	--	--	--	--	--	--	Pass	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--	--	Pass	--	--	--
pH	SU	7.2-8.1	7.0-8.4	6.8-7.9	6.9-7.5	7.0-8.2	7.2-7.4	6.8-7.8	7.0-7.5	7.3-7.7	6.4-7.4
Solids, Total Suspended	lb/D	3.2	5.1	0	0.8	0	0	1.7	0	1.5	0
Solids, Total Suspended	mg/L	4	6	< 1	1	< 1	< 1	2	< 1	2	< 1
Zinc, Total	lb/D	0.015	0.02	0.037	0.039	0.012	0.027	0.02	0.013	0.032	0.004
Zinc, Total	mg/L	0.018	0.023	0.048	0.051	0.016	0.031	0.024	0.018	0.042	0.007

Table 16

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	13-Dec-00	18-Dec-00	27-Dec-00	03-Jan-01	10-Jan-01	18-Jan-01	24-Jan-01	29-Jan-01	07-Feb-01	14-Feb-01
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0.07	0	0.02	0	0.03	0.02	0	0.04	0.03	0.04
Chromium, Total	mg/L	0.09	< 0.02	0.03	< 0.02	0.04	0.04	< 0.02	0.09	0.05	0.06
Copper, Total	lb/D	0.117	0.062	0.018	0.055	0.069	0.058	0.061	0.074	0.04	0.035
Copper, Total	mg/L	0.161	0.099	0.028	0.089	0.098	0.096	0.095	0.156	0.067	0.059
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	86,921	74,553	78,484	73,893	84,040	72,066	77,022	56,673	70,990	71,121
Fluoride, Total	mg/L	11.5	11.5	11.5	10	11.5	11.7	10.8	10	11	13.5
Iron, Total	mg/L	0.74	0.35	0.05	0.13	0.28	0.19	0.19	0.57	0.24	0.13
Lead, Total	lb/D	0	0	0	0	0	0	0	0	0	0
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	lb/D	0.789	0.18	0.086	0.202	0.579	0.388	0.411	0.446	0.319	0.129
Nickel, Total	mg/L	1.089	0.289	0.132	0.327	0.826	0.645	0.64	0.944	0.538	0.217
Oil & Grease Freon Extr-G	lb/D	1.1	0	0	0	0	0	0	0	0.9	0
Oil & Grease Freon Extr-G	mg/L	1.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	1.5	< 0.1
P/F Stat 48 Hr Acu D.	P/F	--	--	--	Pass	--	--	--	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	Pass	--	--	--	--	--	--
pH	SU	7.4-7.6	6.4-7.8	6.8-7.9	6.2-7.4	6.4-7.6	6.3-7.5	6.5-7.5	6.4-7.6	6.4-8.0	6.2-7.8
Solids, Total Suspended	lb/D	0	0	0	0	0.7	1.8	1.3	0	3.6	0
Solids, Total Suspended	mg/L	< 1	< 1	< 1	< 1	1	3	2	< 1	6	< 1
Zinc, Total	lb/D	0.032	0.009	0.005	0.007	0.018	0.017	0.019	0.26	0.014	0.013
Zinc, Total	mg/L	0.044	0.014	0.008	0.012	0.025	0.029	0.029	0.056	0.023	0.022

Table 16

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 005.1.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	21-Feb-01	27-Feb-01	07-Mar-01	13-Mar-01	21-Mar-01	28-Mar-01
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	lb/D	0	0	0	0.02	0.02	0
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	0.03	0.03	< 0.02
Copper, Total	lb/D	0.065	0.102	0.053	0.055	0.043	0.243
Copper, Total	mg/L	0.087	0.086	0.074	0.077	0.074	0.337
Duration of Daily Discharge	hr/D	24	24	24	24	24	24
Flow, Day of Sampling	GPD	90,112	142,891	85,569	85,672	70,133	86,353
Fluoride, Total	mg/L	6.8	11.2	9.2	10.5	11.7	11.8
Iron, Total	mg/L	0.21	0.15	0.05	0.12	0.3	0.45
Lead, Total	lb/D	0	0	0	0	0	0.006
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.009
Nickel, Total	lb/D	0.429	0.719	0.41	0.264	0.195	0.524
Nickel, Total	mg/L	0.571	0.603	0.574	0.369	0.333	0.727
Oil & Grease Freon Extr-G	lb/D	0	0	0	2.5	0	0
Oil & Grease Freon Extr-G	mg/L	< 0.1	< 0.1	< 0.1	3.5	< 0.1	< 0.1
P/F Stat 48 Hr Acu D.	P/F	--	--	--	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--	--
pH	SU	6.3-8.0	6.4-8.2	6.2-7.7	6.8-8.2	6.4-7.8	7.0-8.1
Solids, Total Suspended	lb/D	0	1.2	0	0	0	2.2
Solids, Total Suspended	mg/L	< 1	1	< 1	< 1	< 1	3
Zinc, Total	lb/D	0.01	0.025	0.016	0.013	0.009	0.011
Zinc, Total	mg/L	0.013	0.021	0.023	0.018	0.015	0.015

Table 17

NPDES Parameters Reported Quarterly
March 2000 - March 2001
Sample Site 006.A.1

Allegheny Ludlum Steel Division
Wallingford, CT

Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Chlorine, Total Residual	mg/L	0.005	0.05	0.05	<0.05	<0.05
Chlorine, Total Residual (Ave)	mg/L	0.05	0.05	0.05	< 0.05	< 0.05
Chlorine, Total Residual (Max)	mg/L	0.05	0.05	0.05	< 0.05	< 0.05
Copper, Total	µg/L	10	40	10	9	6
Copper, Total (Ave)	µg/L	10	40	10	9	6
Copper, Total (Max)	µg/L	10	40	10	9	6
Duration of Daily Discharge	hr/D	24	24	24	24	24
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow Rate, Instantaneous	GPM	160	174	154	180	148
Flow Rate, Instantaneous (Ave)	GPM	160	174	154	180	148
Flow Rate, Instantaneous (Max)	GPM	160	174	154	180	148
Flow, Day of Sampling	GPD	230,400	250,560	221,621	259,200	216,061
Flow, Day of Sampling (Ave)	GPD	230,400	250,560	221,621	259,200	216,061
Flow, Day of Sampling (Max)	GPD	230,400	250,560	221,621	259,200	216,061
Lead, Total	µg/L	<5	<5	5	6	<5
Lead, Total (Ave)	µg/L	< 5	< 5	5	6	< 5
Lead, Total (Max)	µg/L	< 5	< 5	5	6	< 5
Nickel, Total	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Nickel, Total (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nitrogen, Ammonia Total	mg/L	<0.1	0.24	<0.1	1.3	0.23
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.1	0.24	< 0.1	1.3	0.23
Nitrogen, Ammonia Total (Max)	mg/L	< 0.1	0.24	< 0.1	1.3	0.23
Oil & Grease Freon Extr-G	mg/L	1.2	20	<1	<0.05	<1
Oil & Grease Freon Extr-G (Ave)	mg/L	1.2	20	< 1	< 0.05	< 1
Oil & Grease Freon Extr-G (Max)	mg/L	1.2	20	< 1	< 0.05	< 1
P/F Stat 48 Hr Acu D.	P/F	Pass	--	Pass	--	Pass
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Acu Pimephales	P/F	Pass	--	Pass	--	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Pimephales	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	--	Pass	--	Pass
pH	SU	6.6-7.5	7.2-7.6	7.4-8.1	7.0-7.6	6.5-7.1
pH (Max)	SU	7.5	7.6	8.1	7.6	7.1
pH (Min)	SU	6.6	7.2	7.4	7	6.5
Solids, Total Suspended	mg/L	1	7	4	1	1
Solids, Total Suspended (Ave)	mg/L	1	7	4	1	1
Solids, Total Suspended (Max)	mg/L	1	7	4	1	1
Surfactants (MBAs)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Surfactants (MBAs) (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Surfactants (MBAs) (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc, Total	mg/L	0.008	0.015	0.021	0.028	0.02
Zinc, Total (Ave)	mg/L	0.008	0.015	0.021	0.028	0.02
Zinc, Total (Max)	mg/L	0.008	0.015	0.021	0.028	0.02

Table 18

NPDES Parameters Reported Quarterly

Allegheny Ludlum Steel Division

March 2000 - March 2001

Wallingford, CT

Sample Site 006.B.1

Parameter	Units	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01
Chlorine, Total Residual	mg/L	0.05	0.05	0.05	<0.05	<0.05
Chlorine, Total Residual (Ave)	mg/L	0.05	0.05	0.05	< 0.05	< 0.05
Chlorine, Total Residual (Max)	mg/L	0.05	0.05	0.05	< 0.05	< 0.05
Copper, Total	µg/L	11	15	15	8	8
Copper, Total (Ave)	µg/L	11	15	15	8	8
Copper, Total (Max)	µg/L	11	15	15	8	8
Duration of Daily Discharge	hr/D	24	24	24	24	24
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow Rate, Instantaneous	GPM	70	86	84	61	56
Flow Rate, Instantaneous (Ave)	GPM	70	86	84	61	56
Flow Rate, Instantaneous (Max)	GPM	70	86	84	61	56
Flow, Day of Sampling	GPD	100,800	123,840	120,202	87,840	87,127
Flow, Day of Sampling (Ave)	GPD	100,800	123,840	120,202	87,840	87,127
Flow, Day of Sampling (Max)	GPD	100,800	123,840	120,202	87,840	87,127
Lead, Total	µg/L	<5	<5	9	<5	<5
Lead, Total (Ave)	µg/L	< 5	< 5	9	< 5	< 5
Lead, Total (Max)	µg/L	< 5	< 5	9	< 5	< 5
Nickel, Total	mg/L	<0.005	<0.005	0.059	<0.005	0.016
Nickel, Total (Ave)	mg/L	< 0.005	< 0.005	0.059	< 0.005	0.016
Nickel, Total (Max)	mg/L	< 0.005	< 0.005	0.059	< 0.005	0.016
Nitrogen, Ammonia Total	mg/L	<0.1	0.13	<0.1	1.2	0.16
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.1	0.13	< 0.1	1.2	0.16
Nitrogen, Ammonia Total (Max)	mg/L	< 0.1	0.13	< 0.1	1.2	0.16
Oil & Grease Freon Extr-G	mg/L	<1	5.2	<1	<0.05	1.6
Oil & Grease Freon Extr-G (Ave)	mg/L	< 1	5.2	< 1	< 0.05	1.6
Oil & Grease Freon Extr-G (Max)	mg/L	< 1	5.2	< 1	< 0.05	1.6
P/F Stat 48 Hr Acu D.	P/F	Pass	--	Pass	--	Pass
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Acu Pimephales	P/F	Pass	--	Pass	--	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Pimephales	P/F	Pass	--	Pass	--	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	--	Pass	--	Pass
pH	SU	6.6-7.4	7.1-7.5	7.2-8.1	7.0-7.7	6.5-7.1
pH (Max)	SU	7.4	7.5	8.1	7.7	7.1
pH (Min)	SU	6.6	7.1	7.2	7	6.5
Solids, Total Suspended	mg/L	1	7	3	<1	2
Solids, Total Suspended (Ave)	mg/L	1	7	3	< 1	2
Solids, Total Suspended (Max)	mg/L	1	7	3	< 1	2
Surfactants (Mbas)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Surfactants (Mbas) (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Surfactants (Mbas) (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc, Total	µg/L	13	27	25	27	29
Zinc, Total (Ave)	µg/L	13	27	25	27	29
Zinc, Total (Max)	µg/L	13	27	25	27	29

Table 19

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Circuit Wise, Inc
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Aluminum, Total (Ave)	mg/L	0.03	0.0825	0.16	0.11	0.19	0.27	0.24	0.21	0.14
Aluminum, Total (Max)	mg/L	0.11	0.13	0.2	0.16	0.32	0.32	0.35	0.25	0.22
Chemical Oxygen Demand (Max)	mg/L	--	--	--	--	--	--	--	--	--
Chlorine, Total Residual (Ave)	mg/L	0	0	0	0	0	0	0	--	0
Chlorine, Total Residual (Max)	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent (Ave)	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent (Max)	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Total (Ave)	mg/L	0	0	0	0	0.012	0.04	0.01	0	0
Chromium, Total (Max)	mg/L	0	0	0	0	0.03	0.16	0.03	0	0
Copper, Total (Ave)	gr/D	144.5	145.98	181	55	217	78	79	163.5	115
Copper, Total (Ave)	mg/L	0.21	0.22	0.29	0.08	0.33	0.13	0.1325	0.23	0.17
Copper, Total (Max)	gr/D	304.8	255.4	301	73	643.9	120	104	215.3	239
Copper, Total (Max)	mg/L	0.42	0.37	0.43	0.1	0.98	0.2	0.18	0.33	0.38
Cyanide, Total (Ave)	gr/D	0	0	0	0	0	0	0	0	0
Cyanide, Total (Max)	gr/D	0	0	0	0	0	0	0	0	0
Cyanide, Total (Max)	mg/L	--	--	--	--	--	--	--	--	--
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	193,824	198,685	187,933	200,158	195,485	185,695	161,286	192,109	192,911
Flow Rate, Average Daily (Max)	GPD	220,725	224,831	220,335	225,850	224,620	217,000	177,145	232,672	236,300
Flow, Day of Sampling (Ave)	GPD	170,640	175,202	164,400	182,199	169,953	162,539	158,516	187,799	189,348
Flow, Day of Sampling (Max)	GPD	196,960	182,390	184,791	200,679	181,164	171,940	177,145	201,469	219,471
Flow, Maximum During 24 Hr (Max)	GPD	--	--	--	--	--	--	--	--	--
Fluoride, Total (Max)	mg/L	1.066	0.96	0.84	0.94	0.89	1.08	0.95	0.86	0.89
Formaldehyde (Ave)	mg/L	0	0	0	0	0	0	0	0	0
Formaldehyde (Max)	mg/L	0	0	0	0	0	0	0	0	0
Gold, Total (Ave)	mg/L	--	--	--	--	--	--	--	--	--
Gold, Total (Max)	mg/L	--	--	--	--	--	--	--	--	--
Iron, Total (Ave)	mg/L	0.37	0.23	0.86	0.38	0.794	0.38	0.5675	0.52	0.67
Iron, Total (Max)	mg/L	0.54	0.34	2.37	0.57	2.08	0.5	0.71	0.88	1.79
Lead, Total (Ave)	mg/L	0.0012	0	0.0025	0	0.008	0	0	0	0.002
Lead, Total (Max)	mg/L	0.006	0	0.01	0	0.008	0	0	0	0.007
Nickel, Total (Ave)	gr/D	19.21	22.87	22.26	0	0	71.34	6.6	11.78	5.185

Table 19

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Circuit Wise, Inc
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Aluminum, Total (Ave)	mg/L	0.2	0.16	0.18	0.35	0.18	0.22
Aluminum, Total (Max)	mg/L	0.27	0.21	0.21	0.59	0.3	0.27
Chemical Oxygen Demand (Max)	mg/L	--	252	--	--	216	--
Chlorine, Total Residual (Ave)	mg/L	0	0	0	0	0	0
Chlorine, Total Residual (Max)	mg/L	0	0	0	0	0	0
Chromium, Hexavalent (Ave)	mg/L	0	0	0	0	0	0
Chromium, Hexavalent (Max)	mg/L	0	0	0	0	0	0
Chromium, Total (Ave)	mg/L	0	0	0	0	0	0
Chromium, Total (Max)	mg/L	0	0	0	0	0	0
Copper, Total (Ave)	gr/D	70	133	75.4	133.7	122.1	102.4
Copper, Total (Ave)	mg/L	0.1	0.19	0.12	0.25	0.21	0.17
Copper, Total (Max)	gr/D	108.9	162	97.6	192.6	272	178.5
Copper, Total (Max)	mg/L	0.15	0.23	0.16	0.35	0.4	0.29
Cyanide, Total (Ave)	gr/D	--	0	--	--	0	--
Cyanide, Total (Max)	gr/D	--	0	--	--	0	--
Cyanide, Total (Max)	mg/L	--	0	--	--	0	--
Duration of Daily Discharge (Ave)	hr/D	--	--	--	--	--	--
Duration of Daily Discharge (Max)	hr/D	--	--	--	--	--	--
Flow Rate, Average Daily (Ave)	GPD	214,753	189,926	172,395	151,476	141,341	144,899
Flow Rate, Average Daily (Max)	GPD	--	--	--	--	--	--
Flow, Day of Sampling (Ave)	GPD	--	--	--	--	--	--
Flow, Day of Sampling (Max)	GPD	221,303	225,665	177,143	165,465	179,611	164,843
Flow, Maximum During 24 Hr (Max)	GPD	265,903	227,524	207,323	202,735	179,611	170,933
Fluoride, Total (Max)	mg/L	0.97	1.12	0.89	0.92	0.91	0.99
Formaldehyde (Ave)	mg/L	--	--	--	--	--	--
Formaldehyde (Max)	mg/L	0	0	0	0	0	0.18
Gold, Total (Ave)	mg/L	0	0	0	0	0	0
Gold, Total (Max)	mg/L	0	0	0	0	0	0
Iron, Total (Ave)	mg/L	0.78	0.52	0.39	0.52	0.45	0.4
Iron, Total (Max)	mg/L	2.99	0.65	0.55	0.82	0.84	0.69
Lead, Total (Ave)	mg/L	0	0	0	0	0	0
Lead, Total (Max)	mg/L	0	0	0	0	0	0
Nickel, Total (Ave)	gr/D	--	--	--	--	--	--

Table 19

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Circuit Wise, Inc
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Nickel, Total (Ave)	mg/L	0.05	0.05	0.05	0	0	0.12	0.05	0.02	0.0075
Nickel, Total (Max)	gr/D	36.29	32.63	44.18	0	0	222.4	26.4	26.09	20.74
Nickel, Total (Max)	mg/L	0.06	0.05	0.08	0	0	0.37	0.05	0.04	0.03
Nitrogen, Ammonia Total (Ave)	mg/L	13.1	7.95	11.2	6	10.36	15	11.25	11.58	3.9
Nitrogen, Ammonia Total (Max)	mg/L	18	11	16	7.2	14	23	12	28	7.4
Oil & Grease Freon Extr-G (Ave)	mg/L	--	--	--	--	--	--	--	--	--
Oil & Grease Freon Extr-G (Max)	mg/L	--	--	--	--	--	--	--	--	--
Organics, Total Toxic (Ave)	mg/L	--	0.02	--	--	--	--	--	--	--
Organics, Total Toxic (Max)	mg/L	--	0.02	--	--	--	--	--	--	--
P/F Stat Acu Cyprinadon (Ave)	P/F	--	Pass	--	--	Pass	--	--	Pass	--
P/F Stat Acu Mysdopsis (Ave)	P/F	--	Pass	--	--	Pass	--	--	Pass	--
P/F Stat Chr Cyprinoden (Ave)	P/F	--	Pass	--	--	Pass	--	--	Pass	--
P/F Stat Chr Mysdopsis (Ave)	P/F	--	Pass	--	--	Pass	--	--	Pass	--
pH (Max)	SU	9.01	9.08	9.14	8.77	9.23	9.31	9.09	9.21	9.05
pH (Min)	SU	7.57	7.09	7.81	6.92	6.88	8.13	7.54	8.27	8.15
pH Monthly (Max)	SU	9.15	9.08	9.14	9	9.23	9.35	9.23	9.42	9.13
pH Monthly (Min)	SU	7.23	6.36	6.71	6.45	6.7	7.04	7.28	7.09	6.99
Silver, Total (Ave)	gr/D	0	0	0	0	--	--	0	--	--
Silver, Total (Ave)	mg/L	--	--	--	--	0	0	--	0	0
Silver, Total (Max)	gr/D	0	0	0	0	--	--	0	--	--
Silver, Total (Max)	mg/L	--	--	--	--	0	0	--	0	0
Solids, Total Suspended (Ave)	mg/L	8.4	5.25	7.25	7.75	6.6	6.25	7.8	2.6	4.75
Solids, Total Suspended (Max)	mg/L	11	10	10	13	12	9	15	6.5	10
Surfactants (MBAs) (Ave)	mg/L	0.09	0.1	0.105	0.1	0.15	0.1375	0.16	0.22	0.18
Surfactants (MBAs) (Max)	mg/L	0.18	0.15	0.14	0.16	0.2	0.18	0.22	0.25	0.33
Tin, Total (Ave)	mg/L	0.28	0	0	0	0	0	0	0	0
Tin, Total (Max)	mg/L	0.28	0	0	0	0	0	0	0	0
Zinc, Total (Max)	mg/L	--	--	--	--	--	--	--	--	--

Table 19

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Circuit Wise, Inc
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Nickel, Total (Ave)	mg/L	0	0	0	0.02	0.02	0.01
Nickel, Total (Max)	gr/D	--	--	--	--	--	--
Nickel, Total (Max)	mg/L	0	0	0	0.1	0.08	0.04
Nitrogen, Ammonia Total (Ave)	mg/L	15.6	8.1	10.4	16.9	14.8	12.1
Nitrogen, Ammonia Total (Max)	mg/L	38	10.5	12	23	16	15
Oil & Grease Freon Extr-G (Ave)	mg/L	0.1	0.5	0.4	0.9	1.4	0.7
Oil & Grease Freon Extr-G (Max)	mg/L	0.55	0.9	1.3	2	3.3	1.2
Organics, Total Toxic (Ave)	mg/L	--	--	--	--	--	--
Organics, Total Toxic (Max)	mg/L	--	--	--	--	--	--
P/F Stat Acu Cyprinadon (Ave)	P/F	--	--	--	--	--	--
P/F Stat Acu Mysdopsis (Ave)	P/F	--	--	--	--	--	--
P/F Stat Chr Cyprinoden (Ave)	P/F	--	--	--	--	--	--
P/F Stat Chr Mysdopsis (Ave)	P/F	--	--	--	--	--	--
pH (Max)	SU	9.19	9.23	9.19	9.38	9.29	9.12
pH (Min)	SU	7.69	7.26	7.41	7	6.49	7.59
pH Monthly (Max)	SU	9.46	11.37	9.19	9.38	9.29	9.28
pH Monthly (Min)	SU	7	6.99	6.7	6.46	6.47	7.54
Silver, Total (Ave)	gr/D	--	--	--	--	--	--
Silver, Total (Ave)	mg/L	--	--	--	--	--	--
Silver, Total (Max)	gr/D	--	--	--	--	--	--
Silver, Total (Max)	mg/L	--	--	--	--	--	--
Solids, Total Suspended (Ave)	mg/L	4.6	5.5	4.3	3.6	6	4.5
Solids, Total Suspended (Max)	mg/L	7	8	7	10	8	11
Surfactants (MBAs) (Ave)	mg/L	0.32	0.38	0.33	0.36	0.47	0.48
Surfactants (MBAs) (Max)	mg/L	0.39	0.46	0.36	0.53	0.58	0.63
Tin, Total (Ave)	mg/L	0	0	0	0	0	0
Tin, Total (Max)	mg/L	0	0	0	0	0	0
Zinc, Total (Max)	mg/L	--	0.04	--	--	0	--

Table 20

 NPDES Parameters Reported Weekly
 January 2000 - March 2001
 Sample Site 001.1.1

 Circuit Wise, Inc.
 North Haven, CT

Parameter	Units	03-Jan-00	10-Jan-00	17-Jan-00	24-Jan-00	31-Jan-00	07-Feb-00	14-Feb-00	21-Feb-00	28-Feb-00
Aluminum, Total	mg/L	< 0.02	< 0.02	0.04	< 0.02	0.11	0.13	0.04	0.07	0.09
Chemical Oxygen Demand	mg/L	--	--	--	--	--	--	--	--	--
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	66.46	208.7	43.76	304.8	98.74	84.84	255.4	179	64.67
Copper, Total	mg/L	0.14	0.28	0.07	0.42	0.15	0.13	0.37	0.27	0.1
Cyanide, Total	gr/D	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total	mg/L	--	--	--	--	--	--	--	--	--
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	125,416	196,960	165,160	191,754	173,908	172,418	182,390	175,151	170,849
Fluoride, Total	mg/L	1.25	1.08	0.85	1.05	1.1	0.92	1.1	1.09	0.73
Formaldehyde	mg/L	--	< 2	--	--	--	--	< 2	< 2	--
Gold, Total	mg/L	--	--	--	--	--	--	--	--	--
Iron, Total	mg/L	0.45	0.29	0.19	0.54	0.38	0.02	0.34	0.34	0.2
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	0.006	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	gr/D	28.48	0	31.26	36.29	0	32.63	< 0.02	26.52	32.33
Nickel, Total	mg/L	0.06	< 0.02	0.05	0.05	< 0.02	0.05	< 0.02	0.04	0.05
Nitrogen, Ammonia Total	mg/L	16	12	8.4	11	18	4.9	8.6	7.3	11
Oil & Grease Freon Extr-G	mg/L	--	--	--	--	--	--	--	--	--
Organics, Total Toxic	mg/L	--	--	--	--	--	0.02	--	--	--
P/F Stat Acu Cyprinadon	P/F	--	--	--	--	--	--	Pass	--	--
P/F Stat Acu Mysdopsis	P/F	--	--	--	--	--	--	Pass	--	--
P/F Stat Chr Cyprinoden	P/F	--	--	--	--	--	--	Pass	--	--
P/F Stat Chr Mysdopsis	P/F	--	--	--	--	--	--	Pass	--	--
pH	SU	8.10-8.98	8.45-9.01	7.57-8.52	7.57-8.51	7.97-8.34	8.29-9.08	7.09-8.74	7.30-8.74	7.91-8.53
Silver, Total	gr/D	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Silver, Total	mg/L	--	--	--	--	--	--	--	--	--
Solids, Total Suspended	mg/L	8	8	11	6	9	4	7	10	< 1
Surfactants (MBAs)	mg/L	0.06	0.18	0.11	0.06	0.05	0.06	0.08	0.11	0.15
Tin, Total	mg/L	0.28	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	--	--	--	--	--	--

Table 20

NPDES Parameters Reported Weekly
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Circuit Wise, Inc.
North Haven, CT

Parameter	Units	07-Mar-00	14-Mar-00	21-Mar-00	28-Mar-00	03-Apr-00	10-Apr-00	17-Apr-00	24-Apr-00	01-May-00
Aluminum, Total	mg/L	0.12	0.13	0.19	0.2	0.05	0.16	0.15	0.09	0.32
Chemical Oxygen Demand	mg/L	--	--	--	--	--	--	--	--	--
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	149	197	301	77	38	46	73	64	324
Copper, Total	mg/L	0.27	0.33	0.43	0.12	0.06	0.06	0.1	0.1	0.5
Cyanide, Total	gr/D	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total	mg/L	--	--	--	--	--	--	--	--	--
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	145,895	157,744	184,791	169,168	168,546	200,679	191,693	167,877	171,233
Fluoride, Total	mg/L	0.87	1	0.8	0.69	0.84	0.88	0.95	1.07	0.9
Formaldehyde	mg/L	--	--	< 2	--	--	< 2	--	--	--
Gold, Total	mg/L	--	--	--	--	--	--	--	--	--
Iron, Total	mg/L	0.59	0.22	0.27	2.37	0.27	0.3	0.37	0.57	1.05
Lead, Total	mg/L	--	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	gr/D	44.18	23.88	20.98	0	0	0	0	0	0
Nickel, Total	mg/L	0.08	0.04	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Nitrogen, Ammonia Total	mg/L	7.6	16	9	12	5.6	5.2	6	7.2	10
Oil & Grease Freon Extr-G	mg/L	--	--	--	--	--	--	--	--	--
Organics, Total Toxic	mg/L	--	--	--	--	--	--	--	--	--
P/F Stat Acu Cyprinadon	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Acu Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Cyprinoden	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
pH	SU	7.81-9.08	8.52-9.11	8.81-9.14	8.40-9.01	7.56-8.77	7.59-8.74	7.95-8.57	6.92-8.66	7.38-8.86
Silver, Total	gr/D	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	--
Silver, Total	mg/L	--	--	--	--	--	--	--	--	< 0.005
Solids, Total Suspended	mg/L	7	10	7	5	7	5	13	6	12
Surfactants (MBAs)	mg/L	0.08	0.09	0.14	0.11	0.06	0.12	0.16	0.06	0.18
Tin, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	--	--	--	--	--	--

Table 20

 NPDES Parameters Reported Weekly
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 Circuit Wise, Inc.
 North Haven, CT

Parameter	Units	08-May-00	15-May-00	22-May-00	30-May-00	05-Jun-00	12-Jun-00	19-Jun-00	26-Jun-00	11-Jul-00
Aluminum, Total	mg/L	0.08	0.18	0.24	0.13	0.26	0.32	0.17	0.31	0.24
Chemical Oxygen Demand	mg/L	--	--	--	--	--	--	--	--	--
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	0.03	0.03	< 0.02	0.16	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	34.29	61.41	643.9	22.1	48	39	103	120	50
Copper, Total	mg/L	0.05	0.09	0.98	0.04	0.08	0.06	0.17	0.2	0.09
Cyanide, Total	gr/D	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total	mg/L	--	--	--	--	--	--	--	--	--
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	181,164	180,280	171,151	145,939	158,841	171,940	160,704	158,670	146,314
Fluoride, Total	mg/L	0.83	0.88	1	--	1.05	1.15	1.1	1	1
Formaldehyde	mg/L	< 2	< 2	--	--	--	< 2	< 2	--	< 2
Gold, Total	mg/L	--	--	--	--	--	--	--	--	--
Iron, Total	mg/L	0.16	0.47	2.08	0.21	0.25	0.5	0.38	0.4	0.69
Lead, Total	mg/L	< 0.005	< 0.005	0.008	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	gr/D	0	0	0	0	222.4	32.54	30.41	0	0
Nickel, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	0.37	0.05	0.05	< 0.02	< 0.02
Nitrogen, Ammonia Total	mg/L	14	5.8	12	10	11	11	23	15	11
Oil & Grease Freon Extr-G	mg/L	--	--	--	--	--	--	--	--	--
Organics, Total Toxic	mg/L	--	--	--	--	--	--	--	--	--
P/F Stat Acu Cyprinadon	P/F	--	Pass	--	--	--	--	--	--	--
P/F Stat Acu Mysdopsis	P/F	--	Pass	--	--	--	--	--	--	--
P/F Stat Chr Cyprinoden	P/F	--	Pass	--	--	--	--	--	--	--
P/F Stat Chr Mysdopsis	P/F	--	Pass	--	--	--	--	--	--	--
pH	SU	8.30-9.17	6.88-9.11	7.32-8.77	8.71-9.23	8.69-9.20	8.13-9.26	8.36-9.31	8.70-9.18	7.54-8.91
Silver, Total	gr/D	--	--	--	--	--	--	--	--	< 0.005
Silver, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	--
Solids, Total Suspended	mg/L	7	2	8	4	5	6	9	5	2
Surfactants (MBAs)	mg/L	0.2	0.13	0.11	0.11	0.18	0.11	0.15	0.11	0.11
Tin, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	--	--	--	--	--	--

Table 20

NPDES Parameters Reported Weekly
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Circuit Wise, Inc.
North Haven, CT

Parameter	Units	17-Jul-00	24-Jul-00	31-Jul-00	07-Aug-00	14-Aug-00	21-Aug-00	28-Aug-00	05-Sep-00	11-Sep-00
Aluminum, Total	mg/L	0.35	0.14	0.24	0.25	0.16	0.2	0.21	0.22	0.16
Chemical Oxygen Demand	mg/L	--	--	--	--	--	--	--	--	--
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	95	105	67	116.4	215.3	182	140.2	72	75
Copper, Total	mg/L	0.18	0.16	0.1	0.16	0.33	0.24	0.2	0.1	0.09
Cyanide, Total	gr/D	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total	mg/L	--	--	--	--	--	--	--	--	--
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	139,689	170,916	177,145	192,188	172,340	201,469	185,198	188,980	219,471
Fluoride, Total	mg/L	1.03	0.94	0.83	0.8	0.86	0.82	0.94	0.81	0.82
Formaldehyde	mg/L	--	--	--	< 1	--	--	--	--	< 2
Gold, Total	mg/L	--	--	--	--	--	--	--	--	--
Iron, Total	mg/L	0.44	0.43	0.71	0.88	0.51	0.31	0.37	0.2	0.16
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	gr/D	26.4	0	0	0	2609	0	21.03	0	0
Nickel, Total	mg/L	0.05	< 0.02	< 0.02	< 0.02	0.04	< 0.02	0.03	< 0.02	< 0.02
Nitrogen, Ammonia Total	mg/L	11	12	11	28	6.2	4.7	7.4	0.66	0.32
Oil & Grease Freon Extr-G	mg/L	--	--	--	--	--	--	--	--	--
Organics, Total Toxic	mg/L	--	--	--	--	--	--	--	--	--
P/F Stat Acu Cyprinadon	P/F	--	--	--	--	Pass	--	--	--	--
P/F Stat Acu Mysdopsis	P/F	--	--	--	--	Pass	--	--	--	--
P/F Stat Chr Cyprinoden	P/F	--	--	--	--	Pass	--	--	--	--
P/F Stat Chr Mysdopsis	P/F	--	--	--	--	Pass	--	--	--	--
pH	SU	8.26-8.91	8.49-9.09	8.07-8.96	8.44-9.05	8.45-8.96	8.81-9.21	8.27-9.07	8.20-8.99	8.15-9.05
Silver, Total	gr/D	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--
Silver, Total	mg/L	--	--	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Solids, Total Suspended	mg/L	8	6	15	6.5	3	1	< 1	< 1	8
Surfactants (MBAs)	mg/L	0.22	0.18	0.13	0.22	0.22	0.18	0.25	0.16	0.11
Tin, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	--	--	--	--	--	--

Table 20

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 001.1.1

Circuit Wise, Inc.
North Haven, CT

Parameter	Units	18-Sep-00	25-Sep-00	03-Oct-00	10-Oct-00	17-Oct-00	24-Oct-00	31-Oct-00	06-Nov-00	13-Nov-00
Aluminum, Total	mg/L	0.1	0.09	0.1	0.16	0.25	0.24	0.27	0.19	0.18
Chemical Oxygen Demand	mg/L	--	--	--	--	--	--	--	--	252
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	239	--	104.6	49.1	108.9	39.2	48	94	162
Copper, Total	mg/L	0.38	0.11	0.15	0.07	0.13	0.06	0.07	0.11	0.21
Cyanide, Total	gr/D	< 0.01	< 0.01	--	--	--	--	--	--	0
Cyanide, Total	mg/L	--	--	--	--	--	--	--	--	< 0.01
Duration of Daily Discharge	hr/D	24	24	--	--	--	--	--	--	--
Flow, Day of Sampling	GPD	166,266	182,676	184,213	185,233	221,303	172,753	181,265	225,665	203,880
Fluoride, Total	mg/L	1.06	0.85	1.14	0.77	0.88	0.9	1.15	1.2	1
Formaldehyde	mg/L	--	--	--	< 2	--	--	--	< 2	< 2
Gold, Total	mg/L	--	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron, Total	mg/L	1.79	0.53	0.14	0.24	2.99	0.2	0.33	0.25	0.64
Lead, Total	mg/L	< 0.005	0.007	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.02
Nickel, Total	gr/D	0	20.74	--	--	--	--	--	--	--
Nickel, Total	mg/L	< 0.02	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Nitrogen, Ammonia Total	mg/L	7.4	7.2	4.85	10	38	18.5	6.8	10.5	8.2
Oil & Grease Freon Extr-G	mg/L	--	--	0.55	< 1	< 1	< 1	< 1	0.7	< 1
Organics, Total Toxic	mg/L	--	--	--	--	--	--	--	--	--
P/F Stat Acu Cyprinadon	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Acu Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Cyprinoden	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
pH	SU	8.51-9.04	8.47-8.82	8.12-9.18	8.65-9.12	8.87-9.19	8.65-9.05	7.69-9.10	8.3-8.9	7.7-9.0
Silver, Total	gr/D	--	--	--	--	--	--	--	--	--
Silver, Total	mg/L	< 0.005	< 0.005	--	--	--	--	--	--	--
Solids, Total Suspended	mg/L	10	1	7	5	6	2	3	8	2
Surfactants (MBAs)	mg/L	0.33	0.12	0.18	0.38	0.39	0.29	0.35	0.29	0.35
Tin, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	--	--	--	--	--	0.04

Table 20

NPDES Parameters Reported Weekly
January 2000 - March 2001
Sample Site 001.1.1

Circuit Wise, Inc.
North Haven, CT

Parameter	Units	20-Nov-00	27-Nov-00	04-Dec-00	11-Dec-00	18-Dec-00	03-Jan-01	08-Jan-01	15-Jan-01	22-Jan-01
Aluminum, Total	mg/L	0.07	0.21	0.12	0.21	0.2	0.59	0.18	0.17	0.34
Chemical Oxygen Demand	mg/L	--	--	--	--	--	--	--	--	--
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	121	153	67.1	97.6	61.6	192.6	156.6	80.1	127.7
Copper, Total	mg/L	0.19	0.23	0.1	0.16	0.1	0.35	0.25	0.18	0.25
Cyanide, Total	gr/D	--	--	--	--	--	--	--	--	--
Cyanide, Total	mg/L	--	--	--	--	--	--	--	--	--
Duration of Daily Discharge	hr/D	--	--	--	--	--	--	--	--	--
Flow, Day of Sampling	GPD	168,399	175,441	177,143	161,066	162,857	145,362	165,465	117,551	134,905
Fluoride, Total	mg/L	1.14	1.15	0.86	1	0.8	1.1	1.17	0.68	0.78
Formaldehyde	mg/L	--	--	--	--	< 2	--	--	< 2	--
Gold, Total	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron, Total	mg/L	0.54	0.65	0.21	0.55	0.4	0.64	0.52	0.13	0.5
Lead, Total	mg/L	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nickel, Total	gr/D	--	--	--	--	--	--	--	--	--
Nickel, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.1
Nitrogen, Ammonia Total	mg/L	10	3.5	7.6	11.5	12	23	20	14	14
Oil & Grease Freon Extr-G	mg/L	0.9	0.2	1.3	< 1	< 1	< 1	2	1.3	0.5
Organics, Total Toxic	mg/L	--	--	--	--	--	--	--	--	--
P/F Stat Acu Cyprinodon	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Acu Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Cyprinodon	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
pH	SU	7.7-9.2	7.3-9.0	7.4-9.2	7.5-9.0	7.7-9.0	8.9-9.1	7.0-9.2	8.7-8.8	8.6-9.2
Silver, Total	gr/D	--	--	--	--	--	--	--	--	--
Silver, Total	mg/L	--	--	--	--	--	--	--	--	--
Solids, Total Suspended	mg/L	5	7	3	7	3	10	3	< 1	2
Surfactants (MBAs)	mg/L	0.46	0.42	0.33	0.31	0.36	0.45	0.53	0.33	0.28
Tin, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	--	--	--	--	--	--

Table 20

 NPDES Parameters Reported Weekly
 January 2000 - March 2001
 Sample Site 001.1.1

 Circuit Wise, Inc.
 North Haven, CT

Parameter	Units	29-Jan-01	05-Feb-01	12-Feb-01	19-Feb-01	28-Feb-01	07-Mar-01	14-Mar-01	20-Mar-01	27-Mar-01
Aluminum, Total	mg/L	0.45	0.3	0.11	0.15	0.14	0.21	0.15	0.24	0.27
Chemical Oxygen Demand	mg/L	--	--	--	216	--	--	--	--	--
Chlorine, Total Residual	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total	gr/D	111.5	67	76.4	72.8	272	76.8	106.1	178.5	48.3
Copper, Total	mg/L	0.21	0.14	0.16	0.12	0.4	0.14	0.17	0.29	0.09
Cyanide, Total	gr/D	--	--	--	0	--	--	--	--	--
Cyanide, Total	mg/L	--	--	--	< 0.01	--	--	--	--	--
Duration of Daily Discharge	hr/D	--	--	--	--	--	--	--	--	--
Flow, Day of Sampling	GPD	140,310	126,505	126,086	160,312	179,611	144,877	164,843	162,631	141,830
Fluoride, Total	mg/L	0.87	1.1	1.13	0.55	0.85	0.92	1.15	0.85	1.05
Formaldehyde	mg/L	--	--	--	< 2	--	< 2	--	--	0.18
Gold, Total	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron, Total	mg/L	0.82	0.22	0.84	0.41	0.34	0.22	0.37	0.32	0.69
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.02	< 0.005	< 0.005	< 0.005
Nickel, Total	gr/D	--	--	--	--	--	--	--	--	--
Nickel, Total	mg/L	< 0.02	< 0.02	0.08	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.04
Nitrogen, Ammonia Total	mg/L	13.5	15	14	16	14	14	13.5	5.8	15
Oil & Grease Freon Extr-G	mg/L	0.7	0.7	3.3	1	0.7	0.5	0.5	0.7	1.2
Organics, Total Toxic	mg/L	--	--	--	--	--	--	--	--	--
P/F Stat Acu Cyprinadon	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Acu Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Cyprinoden	P/F	--	--	--	--	--	--	--	--	--
P/F Stat Chr Mysdopsis	P/F	--	--	--	--	--	--	--	--	--
pH	SU	7.5-9.4	8.5-9.1	7.4-9.3	6.5-9.1	8.2-9.0	8.5-9.1	8.4-8.9	7.6-9.1	8.1-9.0
Silver, Total	gr/D	--	--	--	--	--	--	--	--	--
Silver, Total	mg/L	--	--	--	--	--	--	--	--	--
Solids, Total Suspended	mg/L	3	4	8	7	5	2	1	4	11
Surfactants (MBAs)	mg/L	0.2	0.33	0.45	0.53	0.58	0.61	0.29	0.63	0.38
Tin, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc, Total	mg/L	--	--	--	< 0.02	--	--	--	--	--

Table 21

NPDES Parameters Reported Biannually
November 2000 and February 2001
Sample Site 001.1.T

Circuit Wise, Inc.
North Haven, CT

Parameter	Units	Nov-00	Feb-01
Aluminum, Total	mg/L	0.18	0.15
Aluminum, Total (Max)	mg/L	0.18	0.15
Chemical Oxygen Demand	mg/L	252	216
Chemical Oxygen Demand (Max)	mg/L	252	216
Chlorine, Total Residual	mg/L	0	0
Chlorine, Total Residual (Max)	mg/L	0	0
Chromium, Total	mg/L	<0.02	< 0.02
Chromium, Total (Max)	mg/L	0	0
Copper, Total	mg/L	0.21	0.12
Copper, Total (Max)	mg/L	0.21	0.12
Cyanide, Total	mg/L	< 0.01	< 0.01
Cyanide, Total (Max)	mg/L	0	0
Lead, Total	mg/L	< 0.02	< 0.02
Lead, Total (Max)	mg/L	0	0
Nickel, Total	mg/L	< 0.02	<0.02
Nickel, Total (Max)	mg/L	0	0
Nitrogen, Ammonia Total	mg/L	8	17.5
Nitrogen, Ammonia Total (Max)	mg/L	8	17.5
Oil & Grease Freon Extr-G	mg/L	< 1	3.6
Oil & Grease Freon Extr-G (Max)	mg/L	0	3.6
P/F Stat Acu Cyprinadon	P/F	Pass	Pass
P/F Stat Acu Cyprinadon (Ave)	P/F	Pass	Pass
P/F Stat Acu Mysdopsis	P/F	Pass	Pass
P/F Stat Acu Mysdopsis (Ave)	P/F	Pass	Pass
Zinc, Total	mg/L	0.04	< 0.02
Zinc, Total (Max)	mg/L	0.04	0

Table 22

NPDES Parameters Reported Bi-Weekly
 April 2000 - March 2001
 Sample Site 001.1.1

Connecticut Steel Corporation
 Wallingford, CT

Parameter	Units	12-Apr-00	26-Apr-00	04-May-00	18-May-00	07-Jun-00	15-Jun-00	01-Jul-00	05-Jul-00	27-Jul-00
Aluminum, Total	mg/L	0.8	0.51	0.44	0.47	0.89	1.32	1.05	--	1.13
BOD 5-Day	mg/L	10	--	2.1	--	1	--	1.45	--	--
Cadmium, Total	kg/D	< 0.00009	--	< 0.00008	--	< 0.0001	--	< 0.0001	--	--
Cadmium, Total	mg/L	< 0.001	--	< 0.001	--	< 0.001	--	< 0.001	--	--
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	--	< 0.02	--	< 0.02
Copper, Total	kg/D	< 0.0005	--	0.0012	--	0.002	--	0.003	--	--
Copper, Total	mg/L	< 0.005	--	0.014	--	0.017	--	0.031	--	--
Duration of Daily Discharge	hr/D	24	24	24	--	24	--	24	--	24
Flow, Day of Sampling	GPD	25,800	29,800	22,300	33,500	29,500	30,800	26,700	--	31,800
Iron, Total	mg/L	0.12	0.12	0.14	0.08	0.18	0.43	0.23	--	0.25
Lead, Total	kg/D	< 0.0002	--	< 0.000002	--	0.0001	--	0.0003	--	--
Lead, Total	mg/L	< 0.002	--	< 0.002	--	0.006	--	0.003	--	--
Nickel, Total	mg/L	--	< 0.02	< 0.1	--	0.19	--	0.2	--	--
Nitrogen, Ammonia Total	mg/L	0.45	--	--	--	--	--	--	--	--
Oil & Grease Freon Extr-G	kg/D	< 0.1	0.169	0.169	< 0.1	0.19	< 0.1	--	0.101	0.579
Oil & Grease Freon Extr-G	mg/L	< 1	1.5	2	< 1	1.7	< 1	--	1	4.8
Solids, Total Suspended	kg/D	0.196	0.452	0.169	< 0.1	0.559	1.051	--	< 0.1	0.964
Solids, Total Suspended	mg/L	2	4	2	< 1	5	9	--	< 1	8
Zinc, Total	kg/D	0.007	0.07	0.0098	0.075	0.039	0.008	--	0.016	0.014
Zinc, Total	mg/L	0.069	0.62	0.116	0.589	0.353	0.07	--	0.157	0.119

Table 22

NPDES Parameters Reported Bi-Weekly
 April 2000 - March 2001
 Sample Site 001.1.1

Connecticut Steel Corporation
 Wallingford, CT

Parameter	Units	13-Sep-00	27-Sep-00	04-Oct-00	10-Oct-00	01-Nov-00	16-Nov-00	19-Dec-00	14-Mar-01	21-Mar-01
Aluminum, Total	mg/L	0.7	0.83	0.78	0.68	1.26	0.93	2.14	1.17	0.89
BOD 5-Day	mg/L	5.2	--	< 1	--	2.1	--	1.4	3.6	--
Cadmium, Total	kg/D	< 0.0002	--	< 0.0002	--	< 0.0002	--	< 0.0002	< 0.0002	--
Cadmium, Total	mg/L	< 0.001	--	< 0.001	--	< 0.001	--	< 0.001	< 0.001	--
Chromium, Total	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	--
Copper, Total	kg/D	0.002	--	0.004	--	0.004	--	0.004	0.003	--
Copper, Total	mg/L	0.011	--	0.02	--	0.022	--	0.023	0.016	--
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Flow, Day of Sampling	GPD	52,000	34,600	47,400	42,100	47,600	45,300	45,500	45,800	48,900
Iron, Total	mg/L	0.15	0.15	0.2	0.14	0.29	0.16	0.11	0.31	0.13
Lead, Total	kg/D	0.002	--	0.0007	--	0.0007	--	< 0.0003	0.0007	--
Lead, Total	mg/L	0.008	--	0.004	--	0.004	--	< 0.002	0.004	--
Nickel, Total	mg/L	--	--	< 0.02	--	--	--	--	--	--
Nitrogen, Ammonia Total	mg/L	< 0.1	--	0.23	--	0.6	--	0.46	< 0.1	--
Oil & Grease Freon Extr-G	kg/D	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2	0.532	< 0.2	< 0.2	< 0.2
Oil & Grease Freon Extr-G	mg/L	< 1	< 1	< 1	< 1	< 1	3.1	< 1	< 1	< 1
Solids, Total Suspended	kg/D	0.394	0.918	1.258	< 0.1	0.36	0.858	0.862	1.56	1.3
Solids, Total Suspended	mg/L	2	7	7	< 1	2	5	5	9	7
Zinc, Total	kg/D	0.01	0.013	0.008	0.013	0.019	0.027	0.01	0.036	0.063
Zinc, Total	mg/L	0.051	0.102	0.046	0.08	0.107	0.16	0.057	0.207	0.34

Table 23

NPDES Parameters Reported Monthly
March 2000 - March 2001
Sample Site 001.1.1

Connecticut Steel Corporation
Wallingford, CT

Parameter	Units	Mar-00	Apr-00	May-00	Jun-00	Jul-00
Aluminum, Total (Ave)	mg/L	--	0.655	0.455	1.105	1.09
Aluminum, Total (Max)	mg/L	--	0.8	0.47	1.32	1.13
BOD 5-Day (Ave)	mg/L	--	10	2.1	1	1.45
BOD 5-Day (Max)	mg/L	--	10	2.1	1	1.45
Cadmium, Total (Ave)	kg/D	--	< 0.00009	< 0.00008	< 0.0001	< 0.0001
Cadmium, Total (Ave)	mg/L	--	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium, Total (Max)	kg/D	--	< 0.00009	< 0.00008	< 0.0001	< 0.0001
Cadmium, Total (Max)	mg/L	--	< 0.001	< 0.001	< 0.001	< 0.001
Chromium, Total (Ave)	mg/L	--	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total (Max)	mg/L	--	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total (Ave)	kg/D	--	< 0.0005	0.0012	0.002	0.003
Copper, Total (Ave)	mg/L	--	< 0.005	0.014	0.017	0.031
Copper, Total (Max)	kg/D	--	< 0.0005	0.0012	0.002	0.003
Copper, Total (Max)	mg/L	--	< 0.005	0.014	0.017	0.031
Duration of Daily Discharge (Ave)	hr/D	--	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	--	4,260	4,660	7,813	--
Flow Rate, Average Daily (Max)	GPD	33,500	29,800	33,500	31,200	35,600
Flow, Day of Sampling (Ave)	GPD	--	27,800	27,900	30,150	29,250
Flow, Day of Sampling (Max)	GPD	33,500	29,800	--	30,800	31,800
Iron, Total (Max)	mg/L	--	0.12	0.14	0.305	0.24
Lead, Total (Ave)	kg/D	--	< 0.0002	< 0.000002	0.0001	0.0003
Lead, Total (Ave)	mg/L	--	< 0.002	< 0.002	0.006	0.003
Lead, Total (Max)	kg/D	--	< 0.0002	< 0.000002	0.0001	0.0003
Lead, Total (Max)	mg/L	--	< 0.002	< 0.002	0.006	0.003
Nickel, Total (Ave)	mg/L	--	< 0.02	< 0.1	0.19	0.2
Nickel, Total (Max)	mg/L	--	< 0.02	< 0.1	0.19	0.2
Nitrogen, Ammonia Total (Ave)	mg/L	--	0.45	--	--	--
Nitrogen, Ammonia Total (Max)	mg/L	--	0.45	--	--	--
Oil & Grease Freon Extr-G (Ave)	kg/D	--	0.1345	0.1345	0.19	0.34
Oil & Grease Freon Extr-G (Ave)	mg/L	--	1.7	1.5	1.35	2.9
Oil & Grease Freon Extr-G (Max)	kg/D	--	0.169	--	0.19	0.579
Oil & Grease Freon Extr-G (Max)	mg/L	--	2.4	3.6	4.4	6.8
P/F Stat 48 Hr Acu D.	P/F	Pass	--	--	--	--
P/F Stat Acu Pimephales	P/F	Pass	--	--	--	--
P/F Stat Acu Pimephales (Ave)	P/F	--	--	--	--	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	--	--	--	--
P/F Stat Chr Daphnia Pul (Ave)	P/F	--	--	--	--	Pass
P/F Stat Chr Pimephales	P/F	Pass	--	--	--	--
P/F Stat Chr Pimephales (Ave)	P/F	--	--	--	--	Pass
pH (Max)	SU	7.5	8.1	7	7	7.3
pH (Min)	SU	7.2	6.8	6.9	6.9	6.9
Solids, Total Suspended (Ave)	kg/D	--	0.324	0.1345	0.805	0.532
Solids, Total Suspended (Ave)	mg/L	--	3	1.5	7	4.5
Solids, Total Suspended (Max)	kg/D	--	0.452	0.169	--	0.964
Solids, Total Suspended (Max)	mg/L	--	4	2	9	8
Zinc, Total (Ave)	kg/D	--	0.0385	0.0424	0.0235	0.015
Zinc, Total (Ave)	mg/L	--	0.3445	0.3525	0.2115	0.138
Zinc, Total (Max)	kg/D	--	0.07	0.075	0.039	0.016
Zinc, Total (Max)	mg/L	--	0.62	0.589	0.353	0.157

Table 23

NPDES Parameters Reported Monthly
March 2000 - March 2001
Sample Site 001.1.1

Connecticut Steel Corporation
Wallingford, CT

Parameter	Units	Sep-00	Oct-00	Nov-00	Dec-00	Mar-01
Aluminum, Total (Ave)	mg/L	0.77	0.73	1.095	2.14	1.03
Aluminum, Total (Max)	mg/L	0.83	0.78	1.26	2.14	1.17
BOD 5-Day (Ave)	mg/L	5.2	< 1	2.1	1.4	3.6
BOD 5-Day (Max)	mg/L	5.2	< 1	2.1	1.4	3.6
Cadmium, Total (Ave)	kg/D	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Cadmium, Total (Ave)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium, Total (Max)	kg/D	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Cadmium, Total (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chromium, Total (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Copper, Total (Ave)	kg/D	0.002	0.004	0.004	0.004	0.003
Copper, Total (Ave)	mg/L	0.011	0.02	0.022	0.023	0.016
Copper, Total (Max)	kg/D	0.002	0.004	0.004	0.004	0.003
Copper, Total (Max)	mg/L	0.011	0.02	0.022	0.023	0.016
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	16,120	14,750	9,710	1,586	4,686
Flow Rate, Average Daily (Max)	GPD	52,000	47,400	47,600	45,500	48,900
Flow, Day of Sampling (Ave)	GPD	43,300	44,750	46,450	45,500	47,350
Flow, Day of Sampling (Max)	GPD	52,000	47,400	47,600	45,500	48,900
Iron, Total (Max)	mg/L	0.15	0.17	0.225	0.11	0.22
Lead, Total (Ave)	kg/D	0.002	0.0007	0.0007	< 0.0003	0.0007
Lead, Total (Ave)	mg/L	0.008	0.004	0.004	< 0.002	0.004
Lead, Total (Max)	kg/D	0.002	0.0007	0.0007	< 0.0003	0.0007
Lead, Total (Max)	mg/L	0.008	0.004	0.004	< 0.002	0.004
Nickel, Total (Ave)	mg/L	--	< 0.02	--	--	--
Nickel, Total (Max)	mg/L	--	< 0.02	--	--	--
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.1	0.23	0.6	0.46	< 0.1
Nitrogen, Ammonia Total (Max)	mg/L	< 0.1	0.23	0.6	0.46	< 0.1
Oil & Grease Freon Extr-G (Ave)	kg/D	< 0.2	< 0.15	0.366	< 0.2	< 0.2
Oil & Grease Freon Extr-G (Ave)	mg/L	< 1	< 1	2.05	< 1	< 1
Oil & Grease Freon Extr-G (Max)	kg/D	< 0.2	< 0.2	0.532	< 0.2	< 0.2
Oil & Grease Freon Extr-G (Max)	mg/L	< 1	3.2	3.6	< 1	2.8
P/F Stat 48 Hr Acu D.	P/F	--	--	--	--	--
P/F Stat Acu Pimephales	P/F	--	--	--	--	--
P/F Stat Acu Pimephales (Ave)	P/F	--	--	--	--	--
P/F Stat Chr Daphnia Pul	P/F	--	--	--	--	--
P/F Stat Chr Daphnia Pul (Ave)	P/F	--	--	--	--	--
P/F Stat Chr Pimephales	P/F	--	--	--	--	--
P/F Stat Chr Pimephales (Ave)	P/F	--	--	--	--	--
pH (Max)	SU	7.6	7.6	7.4	7.4	7
pH (Min)	SU	7.3	7	6.3	6.8	7
Solids, Total Suspended (Ave)	kg/D	0.656	0.679	0.609	0.862	1.43
Solids, Total Suspended (Ave)	mg/L	4.5	4	3.5	5	8
Solids, Total Suspended (Max)	kg/D	0.918	1.258	0.858	0.862	1.56
Solids, Total Suspended (Max)	mg/L	7	7	5	5	9
Zinc, Total (Ave)	kg/D	0.0115	0.0105	0.023	0.01	0.0495
Zinc, Total (Ave)	mg/L	0.077	0.063	0.1335	0.057	0.2735
Zinc, Total (Max)	kg/D	0.013	0.013	0.027	0.01	0.063
Zinc, Total (Max)	mg/L	0.102	0.08	0.16	0.057	0.34

Table 24

 NPDES Parameters Reported Monthly
 January 2000 - February 2001

 Cytec Industries, Inc
 North Haven, CT

Sample Site 001.1.1

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
1,1 - Dichloroethane (Ave)	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethane (Max)	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene (Ave)	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene (Max)	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane (Ave)	kg/D	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane (Max)	kg/D	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane (Ave)	kg/D	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane (Max)	kg/D	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene (Ave)	kg/D	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene (Max)	kg/D	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide (Ave)	mg/L	0.024	0.008	0.006	0.009	0.035	0.01	0.017	0.0128	0.018
Acrylamide (Max)	mg/L	0.066	0.012	0.008	0.011	0.12	0.014	0.026	0.023	0.028
Acrylonitrile (Ave)	kg/D	0	0	0	0	0	0	0	0	0
Acrylonitrile (Ave)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acrylonitrile (Max)	kg/D	0	0	0	0	0	0	0	0	0
Acrylonitrile (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Alkalinity, Total (Ave)	mg/L	220	240	255	244	235	262	240	285	338
Alkalinity, Total (Max)	mg/L	250	312	372	292	272	388	340	360	390
Benzene (Ave)	kg/D	0	0	0	0	0	0	0	0	0
Benzene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene (Max)	kg/D	0	0	0	0	0	0	0	0	0
Benzene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate (Ave)	kg/D	0	0	0	0	0	0	0	0	0
Bis (2-Ethylhexyl) Phthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate (Max)	kg/D	0	0	0	0	0	0	0	0	0
Bis (2-Ethylhexyl) Phthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
BOD 5-Day (Ave)	kg/D	84	93	76	50	53	17	28	23	33
BOD 5-Day (Ave)	mg/L	7	8	7	5	5	2	3	3	4
BOD 5-Day (Max)	kg/D	153	125	112	80	99	49	39	38	59
BOD 5-Day (Max)	mg/L	13	10	9	7	9	4	4	4	7
Butanol (Ave)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Butanol (Max)	mg/L	< 10	< 10	< 10	< 10	< 10	13	< 10	< 10	< 10
Butyl Acetate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.007	< 0.005
Butyl Acetate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005

Table 24

 NPDES Parameters Reported Monthly
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 Sample Site 001.1.1

 Cytex Industries, Inc
 North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Feb-01
1,1 - Dichloroethane (Ave)	kg/D	0	0	0	0
1,1 - Dichloroethane (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethane (Max)	kg/D	0	0	0	0
1,1 - Dichloroethane (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene (Ave)	kg/D	0	0	0	0
1,1 - Dichloroethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene (Max)	kg/D	0	0	0	0
1,1 - Dichloroethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane (Ave)	kg/D	0	0	0	0
1,1,1 - Trichloro-Ethane (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane (Max)	kg/D	0	0	0	0
1,1,1 - Trichloro-Ethane (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane (Ave)	kg/D	0	0	0	0
1,1,2 - Trichloro-Ethane (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane (Max)	kg/D	0	0	0	0
1,1,2 - Trichloro-Ethane (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene (Ave)	kg/D	0	0	0	0
1,2 - Transdichloro-Ethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene (Max)	kg/D	0	0	0	0
1,2 - Transdichloro-Ethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide (Ave)	mg/L	0.02	0.027	0.023	0.035
Acrylamide (Max)	mg/L	0.04	0.077	0.041	0.116
Acrylonitrile (Ave)	kg/D	0	0	0	0
Acrylonitrile (Ave)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Acrylonitrile (Max)	kg/D	0	0	0	0
Acrylonitrile (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Alkalinity, Total (Ave)	mg/L	294	296	282	251
Alkalinity, Total (Max)	mg/L	328	404	340	380
Benzene (Ave)	kg/D	0	0	0	0
Benzene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Benzene (Max)	kg/D	0	0	0	0
Benzene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate (Ave)	kg/D	0	0	0	0
Bis (2-Ethylhexyl) Phthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate (Max)	kg/D	0	0	0	0
Bis (2-Ethylhexyl) Phthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
BOD 5-Day (Ave)	kg/D	51	34	49	45
BOD 5-Day (Ave)	mg/L	6	4	6	6
BOD 5-Day (Max)	kg/D	109	58	87	102
BOD 5-Day (Max)	mg/L	12	7	10	14
Butanol (Ave)	mg/L	< 10	< 10	< 10	< 10
Butanol (Max)	mg/L	< 10	< 10	< 10	< 10
Butyl Acetate (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Butyl Acetate (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

Table 24

NPDES Parameters Reported Monthly
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North Haven, CT

		Sample Site 001.1.1									
Chemical Oxygen Demand (Ave)	kg/D	3,068	3,230	2,616	2,358	2,003	2,055	1,327	1,881	2,145	
Chemical Oxygen Demand (Ave)	mg/L	284	284	234	223	194	206	142	209	257	
Chemical Oxygen Demand (Max)	kg/D	5,611	5,816	3,873	3,430	3,087	4,277	2,934	3,475	4,498	
Chemical Oxygen Demand (Max)	mg/L	511	480	350	303	302	468	284	376	540	
Chlorine, Total Residual (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chlorine, Total Residual (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chromium, Total (Ave)	kg/D	0	0	0	0	0	0	0	0	0	
Chromium, Total (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Chromium, Total (Max)	kg/D	0	0	0	0	0	0	0	0	0	
Chromium, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Copper, Total (Ave)	kg/D	0	0	0.018	0	0.023	0	0	0	0	
Copper, Total (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Copper, Total (Max)	kg/D	0	0	0.091	0	0.164	0	0	0	0	
Copper, Total (Max)	mg/L	< 0.005	< 0.005	0.008	< 0.005	0.016	< 0.005	< 0.005	< 0.005	< 0.005	
Cyanide, Total (Ave)	kg/D	0	0	0	0	0	0	0	0	0	
Cyanide, Total (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Cyanide, Total (Max)	kg/D	0	0	0	0	0	0	0	0	0	
Cyanide, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Di-n-Butylphthalate	kg/D	0	0	0	0	0	0	0	0	0	
Di-n-Butylphthalate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Di-n-Butylphthalate (Ave)	kg/D	0	0	0	0	0	0	0	0	0	
Di-n-Butylphthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Di-n-Butylphthalate (Max)	kg/D	0	0	0	0	0	0	0	0	0	
Di-n-Butylphthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Di-n-Octylphthalate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Di-n-Octylphthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Di-n-Octylphthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Dissolved Oxygen (Min)	mg/L	5.8	5.8	6	6.3	6.1	5.4	5.9	5.9	5.6	
Duration Of Daily Discharge (Ave)	hr/D	24	24	24	24	24	24	24	24	24	
Duration Of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	24	
Epichlorohydrin (Ave)	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.01	< 0.013	
Epichlorohydrin (Max)	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.01	< 0.013	
Ethyl Benzene (Ave)	kg/D	--	0	0	0	0	0	0	0	0	
Ethyl Benzene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Ethyl Benzene (Max)	kg/D	0	0	0	0	0	0	0	0	0	
Ethyl Benzene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Ethylacrylate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	
Ethylacrylate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	
Ethylacrylate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	
Ethylene Glycol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Ethylene Glycol (Ave)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Ethylene Glycol (Max)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Fecal Coliform General (Ave)	#/ 100 ml	--	--	--	--	--	1	0	0	0	
Fecal Coliform General (Max)	#/ 100 ml	--	--	--	--	--	1	0	0	0	
Flow Rate, Average Daily (Ave)	GPD	2,900,000	3,000,000	3,000,000	2,800,000	2,700,000	2,600,000	2,400,000	2,400,000	2,200,000	

Table 24

NPDES Parameters Reported Monthly
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North Haven, CT

		Sample Site 001.1.1			
Chemical Oxygen Demand (Ave)	kg/D	2,113	2,109	2,160	1,225
Chemical Oxygen Demand (Ave)	mg/L	258	261	268	163
Chemical Oxygen Demand (Max)	kg/D	2,848	3,835	3,284	2,687
Chemical Oxygen Demand (Max)	mg/L	360	499	394	339
Chlorine, Total Residual (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chlorine, Total Residual (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total (Ave)	kg/D	0	0	0	0.017
Chromium, Total (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chromium, Total (Max)	kg/D	0	0	0	0.068
Chromium, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	0.009
Copper, Total (Ave)	kg/D	0	0	0	0
Copper, Total (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Copper, Total (Max)	kg/D	0	0	0	0
Copper, Total (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Cyanide, Total (Ave)	kg/D	0	0	0	0
Cyanide, Total (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Cyanide, Total (Max)	kg/D	0	0	0	0
Cyanide, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Di-n-Butylphthalate	kg/D	0	0	0	0
Di-n-Butylphthalate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Di-n-Butylphthalate (Ave)	kg/D	0	0	0	0
Di-n-Butylphthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Di-n-Butylphthalate (Max)	kg/D	0	0	0	0
Di-n-Butylphthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Di-n-Octylphthalate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Di-n-Octylphthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Di-n-Octylphthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Dissolved Oxygen (Min)	mg/L	5.8	5.6	6.6	6.9
Duration Of Daily Discharge (Ave)	hr/D	24	24	24	24
Duration Of Daily Discharge (Max)	hr/D	24	24	24	24
Epichlorohydrin (Ave)	mg/L	< 0.013	< 0.013	< 0.013	< 0.013
Epichlorohydrin (Max)	mg/L	< 0.013	< 0.013	< 0.013	< 0.013
Ethyl Benzene (Ave)	kg/D	0	0	0	0
Ethyl Benzene (Ave)	mg/L	< 0.01	< 0.01	< 0.001	< 0.01
Ethyl Benzene (Max)	kg/D	0	0	0	0
Ethyl Benzene (Max)	mg/L	< 0.01	< 0.01	< 0.001	< 0.01
Ethylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylacrylate (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylacrylate (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylene Glycol	mg/L	< 10	< 10	< 10	< 10
Ethylene Glycol (Ave)	mg/L	< 10	< 10	< 10	< 10
Ethylene Glycol (Max)	mg/L	< 10	< 10	< 10	< 10
Fecal Coliform General (Ave)	#/ 100 ml	0	NA 0	NA 0	NA 0
Fecal Coliform General (Max)	#/ 100 ml	0	NA 0	NA 0	NA 0
Flow Rate, Average Daily (Ave)	GPD	2,200,000	2,100,000	2,100,000	2,100,000

Table 24

 NPDES Parameters Reported Monthly
 January 2000 - February 2001

 Cytec Industries, Inc
 North Haven, CT

		Sample Site 001.1.1									
Flow, Day Of Sampling (Ave)	GPD	2,900,000	3,000,000	3,000,000	2,800,000	2,700,000	2,600,000	2,400,000	2,400,000	2,200,000	
Flow, Day Of Sampling (Max)	GPD	3,300,000	3,300,000	3,300,000	3,200,000	3,000,000	3,200,000	3,100,000	2,800,000	2,700,000	
Flow, Maximum During 24 Hr (Max)	GPD	3,300,000	3,300,000	3,300,000	3,200,000	3,000,000	3,200,000	3,100,000	2,800,000	2,700,000	
Formaldehyde (Ave)	mg/L	0.4	0.3	0.4	0.2	0.4	0.4	0.2	0.4	0.5	
Formaldehyde (Max)	mg/L	0.7	0.6	1	0.4	0.8	0.8	0.3	0.6	0.8	
Iso-Butyl Alcohol (Ave)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Iso-Butyl Alcohol (Max)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Lead, Total (Ave)	kg/D	0	0	0	0	0.032	0	0	0	0	
Lead, Total (Ave)	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Lead, Total (Max)	kg/D	0	0	0	0	0.225	0	0	0	0	
Lead, Total (Max)	mg/L	< 5	< 5	< 5	< 5	22	< 5	< 5	< 5	< 5	
Methanol - Methyl Alcohol (Ave)	mg/L	33	27	23	21	11	30	17	28	37	
Methanol - Methyl Alcohol (Max)	mg/L	41	77	70	51	62	75	40	58	79	
Methyl Methacrylate (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Methyl Methacrylate (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Methylacrylate (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Methylacrylate (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Methylene Chloride (Ave)	kg/D	0	0	0	0	0	0	0	0	0	
Methylene Chloride (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Methylene Chloride (Max)	kg/D	0	0	0	0	0	0	0	0	0	
Methylene Chloride (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Napthalene (Ave)	kg/D	0	0	0	0	0	0	0	0	0	
Napthalene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Napthalene (Max)	kg/D	0	0	0	0	0	0	0	0	0	
Napthalene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Nickel, Total (Ave)	kg/D	0	0	0	0	0	0.05	0	0.178	0	
Nickel, Total (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Nickel, Total (Max)	kg/D	0	0	0	0	0	0.3	0	0.182	0	
Nickel, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01	0.02	< 0.01	
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.05	< 0.5	< 0.5	< 0.5	
Nitrogen, Ammonia Total (Max)	mg/L	5.8	3.3	2.6	7.1	13.8	1.1	< 0.5	6.7	5.6	
Nitrogen, Kjeldahl Total (Ave)	mg/L	87	123	113	94	78	54	5	56	63	
Nitrogen, Kjeldahl Total (Max)	mg/L	170	178	178	145	155	68	164	92	104	
Nitrogen, Nitrate Total (Ave)	mg/L	3.6	5.9	3.6	1	3.3	2.6	2	3	1.8	
Nitrogen, Nitrate Total (Max)	mg/L	16.6	21.7	6.9	3.9	9.7	6	11.2	11.5	6	
Nitrogen, Nitrite Total (Ave)	mg/L	0.06	0.097	0.057	0.057	0.073	0.076	0.027	0.039	0.013	
Nitrogen, Nitrite Total (Max)	mg/L	0.27	0.38	0.74	0.37	0.219	1.5	0.363	0.21	0.045	
Nitrogen, Organic Total (Ave)	mg/L	86	123	112	93	80	55	57	55	63	
Nitrogen, Organic Total (Max)	mg/L	169	176	178	145	141	68	164	91	104	
Nitrogen, Total (Ave)	lb/D	2,177	2,972	2,697	2,239	2,015	1,240	1,138	1,174	1,171	
Nitrogen, Total (Max)	lb/D	4,172	5,219	4,126	3,519	3,489	1,560	3,430	1,952	2,026	
Orthophosphate, Total (Ave)	mg/L	0.77	0.5	0.55	0.41	0.71	0.53	0.97	0.69	0.88	
Orthophosphate, Total (Max)	mg/L	2.11	1.68	2.47	1.58	2.2	1.03	3.08	2.59	2.66	
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
P/F Stat 96 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	

Table 24

NPDES Parameters Reported Monthly
January 2000 - February 2001Cytec Industries, Inc
North Haven, CT

		Sample Site 001.1.1			
Flow, Day Of Sampling (Ave)	GPD	2,200,000	2,100,000	2,100,000	2,100,000
Flow, Day Of Sampling (Max)	GPD	2,400,000	2,400,000	2,500,000	2,500,000
Flow, Maximum During 24 Hr (Max)	GPD	2,400,000	2,400,000	2,500,000	2,500,000
Formaldehyde (Ave)	mg/L	0.4	0.3	0.3	0.2
Formaldehyde (Max)	mg/L	0.6	0.5	0.5	0.3
Iso-Butyl Alcohol (Ave)	mg/L	< 10	< 10	< 10	< 10
Iso-Butyl Alcohol (Max)	mg/L	< 10	< 10	< 10	< 10
Lead, Total (Ave)	kg/D	0	0	0	0
Lead, Total (Ave)	mg/L	< 5	< 5	< 5	< 5
Lead, Total (Max)	kg/D	0	0	0	0
Lead, Total (Max)	mg/L	< 5	< 5	< 5	< 5
Methanol - Methyl Alcohol (Ave)	mg/L	99	65	67	16
Methanol - Methyl Alcohol (Max)	mg/L	130	95	82	35
Methyl Methacrylate (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Methacrylate (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride (Ave)	kg/D	0	0	0	0
Methylene Chloride (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Methylene Chloride (Max)	kg/D	0	0	0	0
Methylene Chloride (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene (Ave)	kg/D	0	0	0	0
Napthalene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Napthalene (Max)	kg/D	0	0	0	0
Napthalene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Total (Ave)	kg/D	0	0.02	0.06	0
Nickel, Total (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Total (Max)	kg/D	0	0.09	0.26	0
Nickel, Total (Max)	mg/L	< 0.01	0.01	0.03	< 0.01
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.5	< 0.5	< 1.4	< 0.5
Nitrogen, Ammonia Total (Max)	mg/L	< 0.5	< 0.5	< 9.7	2.1
Nitrogen, Kjeldahl Total (Ave)	mg/L	72	60	66	59
Nitrogen, Kjeldahl Total (Max)	mg/L	120	96	103	92
Nitrogen, Nitrate Total (Ave)	mg/L	2.1	2.4	2.4	4.5
Nitrogen, Nitrate Total (Max)	mg/L	6.9	7.2	7.4	10.3
Nitrogen, Nitrite Total (Ave)	mg/L	0.013	0.017	0.046	0.044
Nitrogen, Nitrite Total (Max)	mg/L	0.126	0.091	0.229	0.375
Nitrogen, Organic Total (Ave)	mg/L	72	60	65	59
Nitrogen, Organic Total (Max)	mg/L	120	96	103	92
Nitrogen, Total (Ave)	lb/D	1,334	1,108	1,226	1,008
Nitrogen, Total (Max)	lb/D	2,275	1,824	2,133	1,689
Orthophosphate, Total (Ave)	mg/L	0.8	0.42	1.52	0.85
Orthophosphate, Total (Max)	mg/L	2.1	1	4.5	1.7
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass
P/F Stat 96 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass

Table 24

 NPDES Parameters Reported Monthly
 January 2000 - February 2001
 Sample Site 001.1.1

 Cytec Industries, Inc
 North Haven, CT

P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PCBs	ppt	< 500	< 500	< 500	< 500	< 500	0	< 1,000	< 1,000	< 500
PCBs (Ave)	ppt	< 500	0	0	0	0	0	< 1,000	< 1,000	< 500
PCBs (Max)	ppt	< 500	0	0	0	< 500	0	< 1,000	< 1,000	< 500
pH (Max)	SU	7.9	8.2	7.9	8.3	7.7	7.8	8.4	7.8	8.3
pH (Min)	SU	6.3	6.8	7.1	7.1	7.2	7.3	6.8	6.5	6.9
pH Monthly (Max)	SU	7.9	8.2	7.9	8.3	7.7	7.8	8.4	7.8	8.3
pH Monthly (Min)	SU	6.3	6.8	7.1	7.1	7.2	7.3	6.8	6.5	6.9
Phosphorus, Total (Ave)	mg/L	1.36	0.89	0.91	1.22	0.98	1.04	1.37	0.98	1.31
Phosphorus, Total (Max)	mg/L	5.38	2.83	3.27	6.54	3.22	2.42	5.13	3.4	2.7
Solids, Total Suspended (Ave)	kg/D	4	56	59	38	32	47	3.9	66	50
Solids, Total Suspended (Ave)	mg/L	4	5	5	4	3	5	4	7	6
Solids, Total Suspended (Max)	kg/D	102	97	99	77	66	81	82	215	83
Solids, Total Suspended (Max)	mg/L	10	8	9	7	6	8	8	21	11
Styrene (Ave)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005
Styrene (Max)	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005
Tetrachloroethylene (Ave)	kg/D	0	0	0	0	0	0	0	0	0
Tetrachloroethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethylene (Max)	kg/D	0	0	0	0	0	0	0	0	0
Tetrachloroethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene (Ave)	kg/D	0	0	0	0	0	0	0	0	0
Toluene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene (Max)	kg/D	0	0	0	0	0	0	0	0	0
Toluene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene (Ave)	kg/D	0	0	0	0	0	0	0	0	0
Trichloroethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene (Max)	kg/D	0	0	0	0	0	0	0	0	0
Trichloroethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine (Ave)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Triethylamine (Max)	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylene (Ave)	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.005
Xylene (Max)	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.005
Zinc, Total (Ave)	kg/D	0.06	0	0.185	0.057	0.269	0.18	0.05	0.124	0.049
Zinc, Total (Ave)	mg/L	< 0.02	< 0.02	0.02	< 0.02	0.03	0.02	< 0.02	< 0.02	< 0.02
Zinc, Total (Max)	kg/D	0.25	0	0.469	0.227	0.439	0.38	0.2	0.363	0.197
Zinc, Total (Max)	mg/L	0.02	< 0.02	0.04	0.02	0.04	0.04	< 0.02	0.04	0.02

Table 24

NPDES Parameters Reported Monthly
January 2000 - February 2001Cytex Industries, Inc
North Haven, CT

		Pass	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass
PCBs	ppt	< 500	< 1,000	< 500	< 1,000
PCBs (Ave)	ppt	< 500	< 1,000	< 500	< 1,000
PCBs (Max)	ppt	< 500	< 1,000	< 500	< 1,000
pH (Max)	SU	7.9	7.9	7.6	7.9
pH (Min)	SU	6.9	7	6.6	6.9
pH Monthly (Max)	SU	7.9	7.9	7.6	7.9
pH Monthly (Min)	SU	6.9	7	6.6	6.9
Phosphorus, Total (Ave)	mg/L	1.29	0.67	1.92	1.19
Phosphorus, Total (Max)	mg/L	2.8	1.2	5	2.5
Solids, Total Suspended (Ave)	kg/D	34	35	43	55
Solids, Total Suspended (Ave)	mg/L	4	4	5	7
Solids, Total Suspended (Max)	kg/D	61	70	92	118
Solids, Total Suspended (Max)	mg/L	8	8	10	16
Styrene (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Styrene (Max)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethylene (Ave)	kg/D	0	0	0	0
Tetrachloroethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethylene (Max)	kg/D	0	0	0	0
Tetrachloroethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Toluene (Ave)	kg/D	0	0	0	0
Toluene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Toluene (Max)	kg/D	0	0	0	0
Toluene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene (Ave)	kg/D	0	0	0	0
Trichloroethylene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene (Max)	kg/D	0	0	0	0
Trichloroethylene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine (Ave)	mg/L	< 10	< 10	< 10	< 10
Triethylamine (Max)	mg/L	< 10	< 10	< 10	< 10
Xylene (Ave)	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (Max)	mg/L	< 0.005	< 0.005	< 0.012	< 0.005
Zinc, Total (Ave)	kg/D	0	0.12	0.087	0.078
Zinc, Total (Ave)	mg/L	< 0.02	0.02	< 0.02	< 0.02
Zinc, Total (Max)	kg/D	0	0.36	0.348	0.159
Zinc, Total (Max)	mg/L	< 0.02	0.05	0.04	0.02

Table 25

 NPDES Parameters Reported Biannually
 January 2000 - August 2000, Sample Site 001.1.1

 Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	Jan-00	Feb-00	Jul-00	Aug-00
1,2 - Dichlorobenzene	kg/D	0	--	--	--
1,2 - Dichlorobenzene	mg/L	<0.01	--	--	--
1,2 - Dichlorobenzene (Ave)	kg/D	0	--	--	--
1,2 - Dichlorobenzene (Ave)	mg/L	< 0.01	--	--	--
1,2 - Dichlorobenzene (Max)	kg/D	0	--	--	--
1,2 - Dichlorobenzene (Max)	mg/L	< 0.01	--	--	--
1,2 - Dichloroethane	kg/D	0	--	0	--
1,2 - Dichloroethane	mg/L	<0.01	--	<0.01	--
1,2 - Dichloroethane (Ave)	kg/D	0	--	0	--
1,2 - Dichloroethane (Ave)	mg/L	< 0.01	--	< 0.01	--
1,2 - Dichloroethane (Max)	kg/D	0	--	0	--
1,2 - Dichloroethane (Max)	mg/L	< 0.01	--	< 0.01	--
1,2 - Dichloropropane	kg/D	0	--	0	--
1,2 - Dichloropropane	mg/L	<0.01	--	<0.01	--
1,2 - Dichloropropane (Ave)	kg/D	0	--	0	--
1,2 - Dichloropropane (Ave)	mg/L	< 0.01	--	< 0.01	--
1,2 - Dichloropropane (Max)	kg/D	0	--	0	--
1,2 - Dichloropropane (Max)	mg/L	< 0.01	--	< 0.01	--
1,2,4 - Trichloro-Benzene	kg/D	0	0	0	0
1,2,4 - Trichloro-Benzene	mg/L	<0.01	<0.01	<0.01	<0.01
1,2,4 - Trichloro-Benzene (Ave)	kg/D	0	0	0	0
1,2,4 - Trichloro-Benzene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,2,4 - Trichloro-Benzene (Max)	kg/D	0	0	0	0
1,2,4 - Trichloro-Benzene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
1,3 - Dichlorobenzene	kg/D	0	--	0	--
1,3 - Dichlorobenzene	mg/L	<0.01	--	<0.01	--
1,3 - Dichlorobenzene (Ave)	kg/D	0	--	0	--
1,3 - Dichlorobenzene (Ave)	mg/L	< 0.01	--	< 0.01	--
1,3 - Dichlorobenzene (Max)	kg/D	0	--	0	--
1,3 - Dichlorobenzene (Max)	mg/L	< 0.01	--	< 0.01	--
1,3 - Dichloropropylene	kg/D	0	--	0	--
1,3 - Dichloropropylene	mg/L	<0.05	--	<0.05	--
1,3 - Dichloropropylene (Ave)	kg/D	0	--	0	--
1,3 - Dichloropropylene (Ave)	mg/L	< 0.05	--	< 0.05	--
1,3 - Dichloropropylene (Max)	kg/D	0	--	0	--
1,3 - Dichloropropylene (Max)	mg/L	< 0.05	--	< 0.05	--
1,4 - Dichlorobenzene	kg/D	0	--	0	--
1,4 - Dichlorobenzene	mg/L	<0.01	--	<0.01	--
1,4 - Dichlorobenzene (Ave)	kg/D	0	--	0	--
1,4 - Dichlorobenzene (Ave)	mg/L	< 0.01	--	< 0.01	--
1,4 - Dichlorobenzene (Max)	kg/D	0	--	0	--
1,4 - Dichlorobenzene (Max)	mg/L	< 0.01	--	< 0.01	--
2 - Chlorophenol	kg/D	0	0	0	0
2 - Chlorophenol	mg/L	<0.01	<0.01	<0.01	<0.01
2 - Chlorophenol (Ave)	kg/D	0	0	0	0
2 - Chlorophenol (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2 - Chlorophenol (Max)	kg/D	0	0	0	0
2 - Chlorophenol (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2 - Nitrophenol	kg/D	0	0	0	0
2 - Nitrophenol	mg/L	<0.02	<0.02	<0.02	<0.02
2 - Nitrophenol (Ave)	kg/D	0	0	0	0
2 - Nitrophenol (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
2 - Nitrophenol (Max)	kg/D	0	0	0	0
2 - Nitrophenol (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
2,4 - Dichlorophenol	kg/D	0	0	0	0
2,4 - Dichlorophenol	mg/L	<0.01	<0.01	<0.01	<0.01
2,4 - Dichlorophenol (Ave)	kg/D	0	0	0	0
2,4 - Dichlorophenol (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,4 - Dichlorophenol (Max)	kg/D	0	0	0	0
2,4 - Dichlorophenol (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,4 - Dimethylphenol	kg/D	0	0	0	0
2,4 - Dimethylphenol	mg/L	<0.01	<0.01	<0.01	<0.01
2,4 - Dimethylphenol (Ave)	kg/D	0	0	0	0

Table 25

NPDES Parameters Reported Biannually
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Cytec Industries, Inc.
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Jul-00	Aug-00
2,4 - Dimethylphenol (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,4 - Dimethylphenol (Max)	kg/D	0	0	0	0
2,4 - Dimethylphenol (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,4 - Dinitrophenol	kg/D	0	0	0	0
2,4 - Dinitrophenol	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
2,4 - Dinitrophenol (Ave)	kg/D	0	0	0	0
2,4 - Dinitrophenol (Ave)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
2,4 - Dinitrophenol (Max)	kg/D	0	0	0	0
2,4 - Dinitrophenol (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
2,4 - Dinitrotoluene	kg/D	0	0	0	0
2,4 - Dinitrotoluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,4 - Dinitrotoluene (Ave)	kg/D	0	0	0	0
2,4 - Dinitrotoluene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,4 - Dinitrotoluene (Max)	kg/D	0	0	0	0
2,4 - Dinitrotoluene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,6 - Dinitrotoluene	kg/D	0	0	0	0
2,6 - Dinitrotoluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,6 - Dinitrotoluene (Ave)	kg/D	0	0	0	0
2,6 - Dinitrotoluene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2,6 - Dinitrotoluene (Max)	kg/D	0	0	0	0
2,6 - Dinitrotoluene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
3,4 - Benzofluoran-Thene	gr/D	0	0	0	0
3,4 - Benzofluoran-Thene	µg/L	< 10	< 10	< 10	< 10
3,4 - Benzofluoran-Thene (Ave)	gr/D	0	0	0	0
3,4 - Benzofluoran-Thene (Ave)	µg/L	< 10	< 10	< 10	< 10
3,4 - Benzofluoran-Thene (Max)	gr/D	0	0	0	0
3,4 - Benzofluoran-Thene (Max)	µg/L	< 10	< 10	< 10	< 10
4 - Nitrophenol	kg/D	0	0	0	0
4 - Nitrophenol	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
4 - Nitrophenol (Ave)	kg/D	0	0	0	0
4 - Nitrophenol (Ave)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
4 - Nitrophenol (Max)	kg/D	0	0	0	0
4 - Nitrophenol (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
4,6 - Dinitrol-o-Cresol	kg/D	0	0	0	0
4,6 - Dinitrol-o-Cresol	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
4,6 - Dinitrol-o-Cresol (Ave)	kg/D	0	0	0	0
4,6 - Dinitrol-o-Cresol (Ave)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
4,6 - Dinitrol-o-Cresol (Max)	kg/D	0	0	0	0
4,6 - Dinitrol-o-Cresol (Max)	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	kg/D	0	0	0	0
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene (Ave)	kg/D	0	0	0	0
Acenaphthene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene (Max)	kg/D	0	0	0	0
Acenaphthene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	gr/D	0	0	0	0
Acenaphthylene	µg/L	< 10	< 10	< 10	< 10
Acenaphthylene (Ave)	gr/D	0	0	0	0
Acenaphthylene (Ave)	µg/L	< 10	< 10	< 10	< 10
Acenaphthylene (Max)	gr/D	0	0	0	0
Acenaphthylene (Max)	µg/L	< 10	< 10	< 10	< 10
Anthracene	kg/D	0	0	0	0
Anthracene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene (Ave)	kg/D	0	0	0	0
Anthracene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene (Max)	kg/D	0	0	0	0
Anthracene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Benzo (a) Anthracene	gr/D	0	0	0	0
Benzo (a) Anthracene	µg/L	< 10	< 10	< 10	< 10
Benzo (a) Anthracene (Ave)	gr/D	0	0	0	0
Benzo (a) Anthracene (Ave)	µg/L	< 10	< 10	< 10	< 10
Benzo (a) Anthracene (Max)	gr/D	0	0	0	0
Benzo (a) Anthracene (Max)	µg/L	< 10	< 10	< 10	< 10

Table 25

NPDES Parameters Reported Biannually
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Cytec Industries, Inc.
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Jul-00	Aug-00
Benzo (a) Pyrene	gr/D	0	0	0	0
Benzo (a) Pyrene	µg/L	<10	<10	<10	<10
Benzo (a) Pyrene (Ave)	gr/D	0	0	0	0
Benzo (a) Pyrene (Ave)	µg/L	< 10	< 10	< 10	< 10
Benzo (a) Pyrene (Max)	gr/D	0	0	0	0
Benzo (a) Pyrene (Max)	µg/L	< 10	< 10	< 10	< 10
Benzo (K) Fluoranthene	gr/D	0	0	0	0
Benzo (K) Fluoranthene	µg/L	<10	<10	<10	<10
Benzo (k) Fluoranthene(Ave)	gr/D	0	0	0	0
Benzo (k) Fluoranthene(Ave)	µg/L	< 10	< 10	< 10	< 10
Benzo (k) Fluoranthene(Max)	gr/D	0	0	0	0
Benzo (k) Fluoranthene(Max)	µg/L	< 10	< 10	< 10	< 10
Carbon Tetrachloride	kg/D	0	--	0	--
Carbon Tetrachloride	mg/L	<0.01	--	<0.01	--
Carbon Tetrachloride (Ave)	kg/D	0	--	0	--
Carbon Tetrachloride (Ave)	mg/L	< 0.01	--	< 0.01	--
Carbon Tetrachloride (Max)	kg/D	0	--	0	--
Carbon Tetrachloride (Max)	mg/L	< 0.01	--	< 0.01	--
Chlorobenzene	kg/D	0	--	0	--
Chlorobenzene	mg/L	<0.01	--	<0.01	--
Chlorobenzene (Ave)	kg/D	0	--	0	--
Chlorobenzene (Ave)	mg/L	< 0.01	--	< 0.01	--
Chlorobenzene (Max)	kg/D	0	--	0	--
Chlorobenzene (Max)	mg/L	< 0.01	--	< 0.01	--
Chloroethane, Total Weight	kg/D	0	--	0	--
Chloroethane, Total Weight (Ave)	kg/D	0	--	0	--
Chloroethane, Total Weight (Ave)	mg/L	< 0.05	--	< 0.05	--
Chloroethane, Total Weight (Max)	kg/D	0	--	0	--
Chloroethane, Total Weight (Max)	mg/L	< 0.05	--	< 0.05	--
Chloroform	kg/D	0	--	0	--
Chloroform	mg/L	<0.01	--	<0.01	--
Chloroform (Ave)	kg/D	0	--	0	--
Chloroform (Ave)	mg/L	< 0.01	--	< 0.01	--
Chloroform (Max)	kg/D	0	--	0	--
Chloroform (Max)	mg/L	< 0.01	--	< 0.01	--
Chrysene	gr/D	0	0	0	0
Chrysene	µg/L	<10	<10	<10	<10
Chrysene (Ave)	gr/D	0	0	0	0
Chrysene (Ave)	µg/L	< 10	< 10	< 10	< 10
Chrysene (Max)	gr/D	0	0	0	0
Chrysene (Max)	µg/L	< 10	< 10	< 10	< 10
Diethylphthalate	kg/D	0	0	0	0
Diethylphthalate	mg/L	<0.01	<0.01	<0.01	<0.01
Diethylphthalate (Ave)	kg/D	0	0	0	0
Diethylphthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Diethylphthalate (Max)	kg/D	0	0	0	0
Diethylphthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Dimethylphthalate	kg/D	0	0	0	0
Dimethylphthalate	mg/L	<0.01	<0.01	<0.01	<0.01
Dimethylphthalate (Ave)	kg/D	0	0	0	0
Dimethylphthalate (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Dimethylphthalate (Max)	kg/D	0	0	0	0
Dimethylphthalate (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	kg/D	0	0	0	0
Fluoranthene	mg/L	<0.01	<0.01	<0.01	<0.01
Fluoranthene (Ave)	kg/D	0	0	0	0
Fluoranthene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene (Max)	kg/D	0	0	0	0
Fluoranthene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	kg/D	0	0	0	0
Fluorene	mg/L	<0.01	<0.01	<0.01	<0.01
Fluorene (Ave)	kg/D	0	0	0	0
Fluorene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01

Table 25

NPDES Parameters Reported Biannually
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Cytec Industries, Inc.
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Jul-00	Aug-00
Fluorene (Max)	kg/D	0	0	0	0
Fluorene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobenzene	gr/D	0	0	0	0
Hexachlorobenzene	µg/L	<10	<10	<10	<10
Hexachlorobenzene (Ave)	gr/D	0	0	0	0
Hexachlorobenzene (Ave)	µg/L	< 10	< 10	< 10	< 10
Hexachlorobenzene (Max)	gr/D	0	0	0	0
Hexachlorobenzene (Max)	µg/L	< 10	< 10	< 10	< 10
Hexachlorobutadiene	kg/D	0	0	0	0
Hexachlorobutadiene	mg/L	<0.01	<0.01	<0.01	<0.01
Hexachlorobutadiene (Ave)	kg/D	0	0	0	0
Hexachlorobutadiene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Hexachlorobutadiene (Max)	kg/D	0	0	0	0
Hexachlorobutadiene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Hexachloroethane	kg/D	0	0	0	0
Hexachloroethane	mg/L	<0.02	<0.02	<0.02	<0.02
Hexachloroethane (Ave)	kg/D	0	0	0	0
Hexachloroethane (Ave)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Hexachloroethane (Max)	kg/D	0	0	0	0
Hexachloroethane (Max)	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
Methyl Chloride	kg/D	0	--	0	--
Methyl Chloride	mg/L	<0.05	--	<0.05	--
Methyl Chloride (Ave)	kg/D	0	--	0	--
Methyl Chloride (Ave)	mg/L	< 0.05	--	< 0.05	--
Methyl Chloride (Max)	kg/D	0	--	0	--
Methyl Chloride (Max)	mg/L	< 0.05	--	< 0.05	--
Nitrobenzene	kg/D	0	0	0	0
Nitrobenzene	mg/L	<0.01	<0.01	<0.01	<0.01
Nitrobenzene (Ave)	kg/D	0	0	0	0
Nitrobenzene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Nitrobenzene (Max)	kg/D	0	0	0	0
Nitrobenzene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
o-Dichlorobenzene	kg/D	--	--	0	--
o-Dichlorobenzene	mg/L	--	--	<0.001	--
o-Dichlorobenzene (Max)	kg/D	--	--	0	--
o-Dichlorobenzene (Max)	mg/L	--	--	< 0.001	--
Phenanthrene	gr/D	0	0	0	0
Phenanthrene	µg/L	<10	<10	<10	<10
Phenanthrene (Ave)	gr/D	0	0	0	0
Phenanthrene (Ave)	µg/L	< 10	< 10	< 10	< 10
Phenanthrene (Max)	gr/D	0	0	0	0
Phenanthrene (Max)	µg/L	< 10	< 10	< 10	< 10
Phenols	kg/D	0	0	0	0
Phenols	mg/L	<0.01	<0.01	<0.01	<0.01
Phenols (Ave)	kg/D	0	0	0	0
Phenols (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenols (Max)	kg/D	0	0	0	0
Phenols (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	kg/D	0	0	0	0
Pyrene	mg/L	<0.01	<0.01	<0.01	<0.01
Pyrene (Ave)	kg/D	0	0	0	0
Pyrene (Ave)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene (Max)	kg/D	0	0	0	0
Pyrene (Max)	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Vinyl Chloride	kg/D	0	--	0	--
Vinyl Chloride	mg/L	<0.01	--	<0.01	--
Vinyl Chloride (Ave)	kg/D	0	--	0	--
Vinyl Chloride (Ave)	mg/L	< 0.01	--	< 0.01	--
Vinyl Chloride (Max)	kg/D	0	--	0	--
Vinyl Chloride (Max)	mg/L	< 0.01	--	< 0.01	--

Table26

 NPDES Parameters Reported Weekly
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 Sample Site 001.1.1

 Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	5-Jan-00	12-Jan-00	19-Jan-00	26-Jan-00	2-Feb-00	9-Feb-00	16-Feb-00	23-Feb-00	1-Mar-00	8-Mar-00
1,1 - Dichloroethane	kg/D	0	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene	kg/D	0	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene	kg/D	0	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide	mg/L	0.014	0.066	0.003	0.013	0.007	0.009	0.005	0.012	0.006	0.004
Acrylonitrile	kg/D	0	0	0	0	0	0	0	0	0	0
Acrylonitrile	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	kg/D	0	0	0	0	0	0	0	0	0	0
Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate	kg/D	0	--	--	--	0	--	--	--	0	--
Bis (2-Ethylhexyl) Phthalate	mg/L	< 0.01	--	--	--	< 0.01	--	--	--	< 0.01	--
Butanol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Butyl Acetate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorine, Total Residual	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Chromium, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Copper, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cyanide, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Epichlorohydrin	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethyl Benzene	kg/D	0	0	0	0	0	0	0	0	0	0
Ethyl Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fecal Coliform General	#/100 ml	--	--	--	--	--	--	--	--	--	--
Iso-Butyl Alcohol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lead, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Lead, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methanol - Methyl Alcohol	mg/L	16	40	41	34	< 10	77	< 10	31	< 10	< 10
Methyl Methacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride	kg/D	0	0	0	0	0	0	0	0	0	0
Methylene Chloride	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene	kg/D	0	--	--	--	0	--	--	--	0	--
Napthalene	mg/L	< 0.01	--	--	--	< 0.01	--	--	--	< 0.01	--
Nickel, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Nickel, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Table26

 NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

 Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	15-Mar-00	22-Mar-00	5-Apr-00	12-Apr-00	19-Apr-00	26-Apr-00	3-May-00	10-May-00	17-May-00	24-May-00
1,1 - Dichloroethane	kg/D	0	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene	kg/D	0	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene	kg/D	0	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide	mg/L	0.005	0.008	0.008	0.01	0.011	0.006	0.022	0.12	0.14	0.004
Acrylonitrile	kg/D	0	0	0	0	0	0	0	0	0	0
Acrylonitrile	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	kg/D	0	0	0	0	0	0	0	0	0	0
Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate	kg/D	--	--	0	--	--	--	0	--	--	--
Bis (2-Ethylhexyl) Phthalate	mg/L	--	--	< 0.01	--	--	--	< 0.01	--	--	--
Butanol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Butyl Acetate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorine, Total Residual	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Chromium, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper, Total	kg/D	0.091	0	0	0	0	0	0	0	0.164	0
Copper, Total	mg/L	0.008	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.016	< 0.005
Cyanide, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Epichlorohydrin	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethyl Benzene	kg/D	0	0	0	0	0	0	0	0	0	0
Ethyl Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fecal Coliform General	#/100 ml	--	--	--	--	--	--	0	0	0	0
Iso-Butyl Alcohol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lead, Total	kg/D	0	0	0	0	0	0	0	0	0.225	0
Lead, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	22	< 5
Methanol - Methyl Alcohol	mg/L	< 45	70	11	< 10	< 51	23	< 10	62	14	< 10
Methyl Methacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride	kg/D	0	0	0	0	0	0	0	0	0	0
Methylene Chloride	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene	kg/D	--	--	0	--	--	--	0	--	--	--
Napthalene	mg/L	--	--	< 0.01	--	--	--	< 0.01	--	--	--
Nickel, Total	kg/D	0	0	0	0	0	0	0	0	0	0
Nickel, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Table26

NPDES Parameters Reported Weekly
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Sample Site 001.1.1

Cytec Industries, Inc.
North Haven, CT

Parameter	Units	7-Jun-00	12-Jun-00	21-Jun-00	28-Jun-00	5-Jul-00	12-Jul-00	19-Jul-00	26-Jul-00	2-Aug-00
1,1 - Dichloroethane	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene	kg/D	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide	mg/L	0.014	0.01	0.008	0.009	0.001	0.007	0.026	0.003	0.009
Acrylonitrile	kg/D	0	0	0	0	0	0	0	0	0
Acrylonitrile	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	kg/D	0	0	0	0	0	0	0	0	0
Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate	kg/D	0	--	--	--	0	--	--	--	0
Bis (2-Ethylhexyl) Phthalate	mg/L	< 0.01	--	--	--	< 0.01	--	--	--	< 0.01
Butanol	mg/L	< 10	< 10	13	< 10	< 10	< 10	< 10	< 10	< 10
Butyl Acetate	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chlorine, Total Residual	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total	kg/D	0	0	0	0	0	0	0	0	0
Chromium, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper, Total	kg/D	0	0	0	0	0	0	0	0	0
Copper, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cyanide, Total	kg/D	0	0	0	0	0	0	0	0	0
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Epichlorohydrin	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethyl Benzene	kg/D	0	0	0	0	0	0	0	0	0
Ethyl Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fecal Coliform General	#/100 ml	0	0	1	0	0	0	0	0	0
Iso-Butyl Alcohol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lead, Total	kg/D	0	0	0	0	0	0	0	0	0
Lead, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methanol - Methyl Alcohol	mg/L	20	< 10	75	25	< 10	28	40	< 10	< 10
Methyl Methacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride	kg/D	0	0	0	0	0	0	0	0	0
Methylene Chloride	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene	kg/D	0	--	--	--	0	--	--	--	0
Napthalene	mg/L	< 0.01	--	--	--	< 0.01	--	--	--	< 0.01
Nickel, Total	kg/D	0	0	0	0.3	0	0	0	0	0.182
Nickel, Total	mg/L	< 0.01	< 0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.02
Styrene	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Table26

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Cytec Industries, Inc.
North Haven, CT

Parameter	Units	9-Aug-00	16-Aug-00	23-Aug-00	6-Sep-00	13-Sep-00	20-Sep-00	27-Sep-00	4-Oct-00	11-Oct-00
1,1 - Dichloroethane	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene	kg/D	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide	mg/L	0.012	0.009	0.023	0.028	0.007	0.027	0.012	0.04	0.02
Acrylonitrile	kg/D	0	0	0	0	0	0	0	0	0
Acrylonitrile	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	kg/D	0	0	0	0	0	0	0	0	0
Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate	kg/D	--	--	--	0	--	--	--	0	--
Bis (2-Ethylhexyl) Phthalate	mg/L	--	--	--	< 0.01	--	--	--	< 0.01	--
Butanol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Butyl Acetate	mg/L	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorine, Total Residual	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total	kg/D	0	0	0	0	0	0	0	0	0
Chromium, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper, Total	kg/D	0	0	0	0	0	0	0	0	0
Copper, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cyanide, Total	kg/D	0	0	0	0	0	0	0	0	0
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Epichlorohydrin	mg/L	< 0.1	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Ethyl Benzene	kg/D	0	0	0	0	0	0	0	0	0
Ethyl Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fecal Coliform General	#/100 ml	0	1	0	0	0	1	0	0	0
Iso-Butyl Alcohol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lead, Total	kg/D	0	0	0	0	0	0	0	0	0
Lead, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methanol - Methyl Alcohol	mg/L	38	58	30	< 15	13	40	79	< 120	130
Methyl Methacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride	kg/D	0	0	0	0	0	0	0	0	0
Methylene Chloride	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene	kg/D	--	--	--	0	--	--	--	0	--
Napthalene	mg/L	--	--	--	< 0.01	--	--	--	< 0.01	--
Nickel, Total	kg/D	0	0	0.174	0	0	0	0	0	0
Nickel, Total	mg/L	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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Cytec Industries, Inc.
North Haven, CT

Parameter	Units	18-Oct-00	25-Oct-00	1-Nov-00	8-Nov-00	15-Nov-00	22-Nov-00	6-Dec-00	13-Dec-00	20-Dec-00
1,1 - Dichloroethane	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene	kg/D	0	0	0	0	0	0	0	0	0
1,1 - Dichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0
1,1,1 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane	kg/D	0	0	0	0	0	0	0	0	0
1,1,2 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene	kg/D	0	0	0	0	0	0	0	0	0
1,2 - Transdichloro-Ethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide	mg/L	0.02	0.008	0.004	0.03	0.009	0.077	0.027	0.041	0.021
Acrylonitrile	kg/D	0	0	0	0	0	0	0	0	0
Acrylonitrile	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	kg/D	0	0	0	0	0	0	0	0	0
Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate	kg/D	--	--	0	--	--	--	0	--	--
Bis (2-Ethylhexyl) Phthalate	mg/L	--	--	< 0.01	--	--	--	< 0.01	--	--
Butanol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Butyl Acetate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorine, Total Residual	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total	kg/D	0	0	0	0	0	0	0	0	0
Chromium, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper, Total	kg/D	0	0	0	0	0	0	0	0	0
Copper, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cyanide, Total	kg/D	0	0	0	0	0	0	0	0	0
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Epichlorohydrin	mg/L	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Ethyl Benzene	kg/D	0	0	0	0	0	0	0	0	0
Ethyl Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fecal Coliform General	#/100 ml	1	0	NA 0	NA 0	NA 1	NA 0	NA 0	NA 0	NA 1
Iso-Butyl Alcohol	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lead, Total	kg/D	0	0	0	0	0	0	0	0	0
Lead, Total	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methanol - Methyl Alcohol	mg/L	94	51	< 95	51	58	83	< 67	80	82
Methyl Methacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride	kg/D	0	0	0	0	0	0	0	0	0
Methylene Chloride	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene	kg/D	--	--	0	--	--	--	0	--	--
Napthalene	mg/L	--	--	< 0.01	--	--	--	< 0.01	--	--
Nickel, Total	kg/D	0	0	0	0.09	0	0	0	0.26	0
Nickel, Total	mg/L	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01
Styrene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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Cytec Industries, Inc.
North Haven, CT

Parameter	Units	27-Dec-00	7-Feb-01	14-Feb-01	21-Feb-01	28-Feb-01
1,1 - Dichloroethane	kg/D	0	0	0	0	0
1,1 - Dichloroethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1 - Dichloroethylene	kg/D	0	0	0	0	0
1,1 - Dichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,1 - Trichloro-Ethane	kg/D	0	0	0	0	0
1,1,1 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1,2 - Trichloro-Ethane	kg/D	0	0	0	0	0
1,1,2 - Trichloro-Ethane	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2 - Transdichloro-Ethylene	kg/D	0	0	0	0	0
1,2 - Transdichloro-Ethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acrylamide	mg/L	0.003	0.005	0.008	0.116	0.012
Acrylonitrile	kg/D	0	0	0	0	0
Acrylonitrile	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	kg/D	0	0	0	0	0
Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bis (2-Ethylhexyl) Phthalate	kg/D	--	0	--	--	--
Bis (2-Ethylhexyl) Phthalate	mg/L	--	< 0.01	--	--	--
Butanol	mg/L	< 10	< 10	< 10	< 10	< 10
Butyl Acetate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorine, Total Residual	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium, Total	kg/D	0	0	0.068	0	0
Chromium, Total	mg/L	< 0.005	< 0.005	0.009	< 0.005	< 0.005
Copper, Total	kg/D	0	0	0	0	0
Copper, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cyanide, Total	kg/D	0	0	0	0	0
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Epichlorohydrin	mg/L	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Ethyl Benzene	kg/D	0	0	0	0	0
Ethyl Benzene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fecal Coliform General	#/100 ml	NA 0	NA 0	NA 0	NA 0	NA 0
Iso-Butyl Alcohol	mg/L	< 10	< 10	< 10	< 10	< 10
Lead, Total	kg/D	0	0	0	0	0
Lead, Total	mg/L	< 5	< 5	< 5	< 5	< 5
Methanol - Methyl Alcohol	mg/L	40	18	35	12	< 10
Methyl Methacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylacrylate	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride	kg/D	0	0	0	0	0
Methylene Chloride	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Napthalene	kg/D	--	0	--	--	--
Napthalene	mg/L	--	< 0.01	--	--	--
Nickel, Total	kg/D	0	0	0	0	0
Nickel, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Styrene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

Table26

NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	5-Jan-00	12-Jan-00	19-Jan-00	26-Jan-00	2-Feb-00	9-Feb-00	16-Feb-00	23-Feb-00	1-Mar-00	8-Mar-00
Tetrachloroethylene	kg/D	0	0	0	0	0	0	0	0	0	0
Tetrachloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	kg/D	0	0	0	0	0	0	0	0	0	0
Toluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene	kg/D	0	0	0	0	0	0	0	0	0	0
Trichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylene	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	kg/D	0	0.25	0	0	0	0	0	0	0	0
Zinc, Total	mg/L	< 0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

Table26

NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	15-Mar-00	22-Mar-00	5-Apr-00	12-Apr-00	19-Apr-00	26-Apr-00	3-May-00	10-May-00	17-May-00	24-May-00
Tetrachloroethylene	kg/D	0	0	0	0	0	0	0	0	0	0
Tetrachloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	kg/D	0	0	0	0	0	0	0	0	0	0
Toluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene	kg/D	0	0	0	0	0	0	0	0	0	0
Trichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylene	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	kg/D	0.454	0.469	0	0	0	0.227	0.379	0.439	0.307	0.318
Zinc, Total	mg/L	0.04	0.04	< 0.02	< 0.02	< 0.02	0.02	0.04	0.03	0.04	< 0.02

Table 26

NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	7-Jun-00	12-Jun-00	21-Jun-00	28-Jun-00	5-Jul-00	12-Jul-00	19-Jul-00	26-Jul-00	2-Aug-00
Tetrachloroethylene	kg/D	0	0	0	0	0	0	0	0	0
Tetrachloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	kg/D	0	0	0	0	0	0	0	0	0
Toluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene	kg/D	0	0	0	0	0	0	0	0	0
Trichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylene	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	kg/D	0.24	0.23	0.2	0.38	0	0.2	0	0	0.363
Zinc, Total	mg/L	0.02	0.02	0.02	0.04	< 0.02	< 0.02	< 0.02	< 0.02	0.04

Table26

NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	9-Aug-00	16-Aug-00	23-Aug-00	6-Sep-00	13-Sep-00	20-Sep-00	27-Sep-00	4-Oct-00	11-Oct-00
Tetrachloroethylene	kg/D	0	0	0	0	0	0	0	0	0
Tetrachloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	kg/D	0	0	0	0	0	0	0	0	0
Toluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene	kg/D	0	0	0	0	0	0	0	0	0
Trichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Zinc, Total	kg/D	0	0	0.159	0	0	0.197	0	0	0
Zinc, Total	mg/L	< 0.02	< 0.02	0.02	< 0.02	< 0.02	0.02	< 0.02	< 0.02	< 0.02

Table26

NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	18-Oct-00	25-Oct-00	1-Nov-00	8-Nov-00	15-Nov-00	22-Nov-00	6-Dec-00	13-Dec-00	20-Dec-00
Tetrachloroethylene	kg/D	0	0	0	0	0	0	0	0	0
Tetrachloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	kg/D	0	0	0	0	0	0	0	0	0
Toluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene	kg/D	0	0	0	0	0	0	0	0	0
Trichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine	mg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Xylene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.012	< 0.005	< 0.005
Zinc, Total	kg/D	0	0	0	0.26	0	0.36	0	0.348	0
Zinc, Total	mg/L	< 0.02	< 0.02	< 0.02	0.03	< 0.02	0.05	< 0.02	0.04	< 0.02

Table26

NPDES Parameters Reported Weekly
 January 5, 2000 - February 28, 2001
 Sample Site 001.1.1

Cytec Industries, Inc.
 North Haven, CT

Parameter	Units	27-Dec-00	7-Feb-01	14-Feb-01	21-Feb-01	28-Feb-01
Tetrachloroethylene	kg/D	0	0	0	0	0
Tetrachloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Titanium, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Toluene	kg/D	0	0	0	0	0
Toluene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichloroethylene	kg/D	0	0	0	0	0
Trichloroethylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Triethylamine	mg/L	< 10	< 10	< 10	< 10	< 10
Xylene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Zinc, Total	kg/D	0	0	0	0.159	0.151
Zinc, Total	mg/L	< 0.02	< 0.02	< 0.02	0.02	0.02

Table 27

NPDES Parameters Reported Monthly
 March 2000 - February 2001
 Sample Site 002.1.1

Cytec Industries, Inc
 Wallingford, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00
Chlorine, Total Residual (Ave)	µg/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorine, Total Residual (Max)	µg/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Copper, Total (Ave)	µg/L	< 5	< 5	< 18	< 5	6	< 5	< 5	< 5
Copper, Total (Max)	µg/L	< 5	< 5	< 18	< 5	6	< 5	< 5	< 5
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	391,720	208,600	157,800	117,600	232,000	318,000	963,000	1,353,000
Flow, Day of Sampling (Ave)	GPD	560,000	480,000	190,000	440,000	221,000	289,000	1,314,000	1,448,000
Flow, Day of Sampling (Max)	GPD	560,000	480,000	190,000	440,000	221,000	289,000	1,314,000	1,448,000
Flow, Maximum During 24 Hr (Max)	GPD	650,000	567,000	391,000	440,000	366,000	871,000	1,431,000	1,621,000
Lead, Total (Ave)	µg/L	< 5	< 5	22	< 5	5	< 5	< 5	< 5
Lead, Total (Max)	µg/L	< 5	< 5	22	< 5	5	< 5	< 5	< 5
Nickel, Total (Ave)	µg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nickel, Total (Max)	µg/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	4.6	< 0.5		< 0.5	< 0.5
Nitrogen, Ammonia Total (Max)	mg/L	< 0.5	< 0.5	< 0.5	4.6	< 0.5		< 0.5	< 0.5
Oil & Grease Freon Extr-G (Ave)	mg/L	< 1	1	< 1	1	3	3	< 11	6
Oil & Grease Freon Extr-G (Max)	mg/L	< 1	1	< 1	1	3	7	< 11	6
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA
P/F Stat Acu Pimephales	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA
P/F Stat Chr Pimephales (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA
pH (Max)	SU	8	8	8.3	7.9	8.1	7.7	8.3	8.1
pH (Min)	SU	8	8	8.3	7.9	8.1	7.7	8.3	8.1
Temperature, Degree F (Max)	Deg F	61	57	61	61	67	63	64	59
Zinc, Total (Ave)	µg/L	< 10	< 10	20	20	20	20	< 20	20
Zinc, Total (Max)	µg/L	< 10	< 10	20	20	20	20	< 20	20

Table 27

NPDES Parameters Reported Monthly
March 2000 - February 2001
Sample Site 002.1.1

Cytex Industries, Inc
Wallingford, CT

Parameter	Units	Sep-00	Oct-00	Nov-00	Dec-00	Feb-01
Chlorine, Total Residual (Ave)	µg/L	< 20	< 20	20	< 20	NA
Chlorine, Total Residual (Max)	µg/L	< 20	< 20	20	< 20	NA
Copper, Total (Ave)	µg/L	< 5	6	5	< 5	NA
Copper, Total (Max)	µg/L	< 5	6	5	< 5	NA
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	NA
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	NA
Flow Rate, Average Daily (Ave)	GPD	1,180,000	1,116,000	605,000	4,600	NA
Flow, Day of Sampling (Ave)	GPD	1,187,000	1,082,000	894,000	300	NA
Flow, Day of Sampling (Max)	GPD	1,187,000	1,110,000	894,000	300	NA
Flow, Maximum During 24 Hr (Max)	GPD	1,886,000	1,299,000	996,000	108,000	NA
Lead, Total (Ave)	µg/L	< 5	< 5	25	< 5	NA
Lead, Total (Max)	µg/L	< 5	< 5	25	< 5	NA
Nickel, Total (Ave)	µg/L	< 10	< 10	< 10	< 10	NA
Nickel, Total (Max)	µg/L	< 10	< 10	< 10	< 10	NA
Nitrogen, Ammonia Total (Ave)	mg/L	< 0.5	< 0.5	< 0.5	1.4	NA
Nitrogen, Ammonia Total (Max)	mg/L	< 0.5	< 0.5	< 0.5	1.4	NA
Oil & Grease Freon Extr-G (Ave)	mg/L	6	5	< 1	5	NA
Oil & Grease Freon Extr-G (Max)	mg/L	6	6	< 1	5	NA
P/F Stat 48 Hr Acu D. (Ave)	P/F	NA	Pass	NA	NA	NA
P/F Stat Acu Pimephales	P/F	NA	Pass	NA	NA	NA
P/F Stat Chr Daphnia Pul (Ave)	P/F	NA	Pass	NA	NA	NA
P/F Stat Chr Pimephales (Ave)	P/F	NA	Pass	NA	NA	NA
pH (Max)	SU	8.1	8	7.8	7.2	NA
pH (Min)	SU	8.1	7.6	7.8	7.2	NA
Temperature, Degree F (Max)	Deg F	57	59	50	37	NA
Zinc, Total (Ave)	µg/L	< 10	20	30	< 20	NA
Zinc, Total (Max)	µg/L	< 10	20	30	< 20	NA

Table 28

NPDES Parameters Reported Quarterly
February 2000 - February 2001
Sample Site 001.1.1

Erickson Metals
Cheshire, CT

Parameter	Units	Feb-00	May-00	Sep-00	Nov-00	Feb-01
Chlorine, Total Residual	mg/L	0.02	0.02	0.02	0.02	0.02
Chlorine, Total Residual (Ave)	mg/L	0.02	0.02	0.02	0.02	0.02
Chlorine, Total Residual (Max)	mg/L	0.02	0.02	0.02	0.02	0.02
Copper, Total	mg/L	0.002	0.002	0.002	0.003	0.002
Copper, Total (Ave)	mg/L	0.002	0.002	0.002	0.003	0.002
Copper, Total (Max)	mg/L	0.002	0.002	0.002	0.003	0.002
Duration of Daily Discharge	hr/D	24	24	24	24	--
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24
Flow, Day of Sampling	GPD	27,000	23,200	262,000	37,500	41,100
Flow, Day of Sampling (Ave)	GPD	27,000	23,200	262,000	37,500	41,100
Flow, Day of Sampling (Max)	GPD	27,000	23,200	262,000	37,500	41,100
Lead, Total	mg/L	0.001	0.001	0.001	0.001	0.001
Lead, Total (Ave)	mg/L	0.001	0.001	0.001	0.001	0.001
Lead, Total (Max)	mg/L	0.001	0.001	0.001	0.001	0.001
Nickel, Total	mg/L	0.04	0.04	0.04	0.04	0.04
Nickel, Total (Ave)	mg/L	0.04	0.04	0.04	0.03	0.04
Nickel, Total (Max)	mg/L	0.04	0.04	0.04	0.04	0.04
Nitrogen, Ammonia Total	mg/L	0.03	0.05	0.03	0.03	0.17
Nitrogen, Ammonia Total (Ave)	mg/L	0.03	0.05	0.03	0.03	0.17
Nitrogen, Ammonia Total (Max)	mg/L	0.03	0.05	0.03	0.03	0.17
Oil & Grease Freon Extr-G	mg/L	1	< 1	1	1	1
Oil & Grease Freon Extr-G (Ave)	mg/L	1	< 1	1	1	1
Oil & Grease Freon Extr-G (Max)	mg/L	1	< 1	1	1	1
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	NA	Pass	--
P/F Stat Acu Pimephales (Ave)	P/F	Pass	Pass	NA	Pass	--
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	Pass	NA	Pass	--
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	NA	Pass	--
pH (Max)	SU	6.93	6.5	7.44	7.3	7.16
pH (Min)	SU	6.93	6.5	7.44	7.3	7.16
Solids, Total Suspended	mg/L	159	279	222	227	214
Solids, Total Suspended (Ave)	mg/L	159	279	222	227	214
Solids, Total Suspended (Max)	mg/L	159	279	222	227	214
Surfactants (MBAs)	mg/L	< 0.1	0.05	0.01	0.1	0.01
Surfactants (MBAs) (Ave)	mg/L	< 0.1	0.05	0.01	0.1	0.01
Surfactants (MBAs) (Max)	mg/L	< 0.1	0.05	0.01	0.1	0.01
Zinc, Total	mg/L	< 0.02	0.02	0.02	0.02	0.02
Zinc, Total (Ave)	mg/L	< 0.02	0.02	0.02	0.02	0.02
Zinc, Total (Max)	mg/L	< 0.02	0.02	0.02	0.02	0.02

Table 29

NPDES Parameters Reported Monthly
April 2000 - March 2001
Sample Sites 001.1.1 001.1.N

General Electric Company
Plainville, CT

001.1.1

Parameter	Units	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	--
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	--
Flow Rate, Average Daily (Ave)	GPD	--	--	--	--	--	--	--	--	61,776
Flow Rate, Instantaneous	GPM	47.9	46.8	46.3	41.7	35.6	36.6	27.4	35.2	--
Flow Rate, Instantaneous (Max)	GPM	47.9	46.8	46.3	41.7	35.6	36.6	27.4	35.2	42.9
Flow, Day of Sampling	GPD	71,071.50	70,229.80	61,024	58,069.40	52,071.90	52,704	50,360	50,688	--
Flow, Day of Sampling (Max)	GPD	71,071.50	70,229.80	61,024	58,069.40	52,071.90	52,704	50,360	50,688	61,776
Flow, Day of Sampling, Ave	GPD	--	--	--	--	--	--	--	--	61,776
Flow, Maximum Daily 24 Hr (Max)	GPD	--	--	--	--	--	--	--	--	--
pH (Max)	SU	--	--	--	--	--	--	--	--	7.3
pH (Min)	SU	--	--	--	--	--	--	--	--	7.3
Volatile Fraction Organic	µg/L	6	386	433	430	366	337	285	780	--
Volatile Fraction Organic (Max)	µg/L	6	386	433	430	366	337	285	780	7

001.1.N

Parameter	Units	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00
Flow Rate, Instantaneous	GPM	--	--	--	--	--	--	--	--	--
Flow Rate, Instantaneous (Max)	GPM	--	--	--	--	--	--	--	--	42.9
Flow, Day Of Sampling	GPD	--	--	--	--	--	--	--	--	--
Flow, Day Of Sampling (Max)	GPD	--	--	--	--	--	--	--	--	61,776
Flow, Day Of Sampling (Ave)	GPD	--	--	--	--	--	--	--	--	61,776
Volatile Fraction Organic	µg/L	473	16	7	5	4	3	3	5	--
Volatile Fraction Organic (Max)	µg/L	473	16	7	5	4	3	3	5	316

Table 29

NPDES Parameters Reported Monthly
April 2000 - March 2001
Sample Sites 001.1.1 001.1.N

General Electric Company
Plainville, CT

001.1.1				
Parameter	Units	Jan-01	Feb-01	Mar-01
Duration of Daily Discharge	hr/D	--	--	--
Duration of Daily Discharge (Max)	hr/D	--	--	--
Flow Rate, Average Daily (Ave)	GPD	61,828	55,603	57,635.18
Flow Rate, Instantaneous	GPM	34.7	42.3	34
Flow Rate, Instantaneous (Max)	GPM	34.7	42.3	34
Flow, Day of Sampling	GPD	54,280	59,595	54,543.60
Flow, Day of Sampling (Max)	GPD	54,280	59,595	54,543.60
Flow, Day of Sampling, Ave	GPD	54,280	59,595	54,543.60
Flow, Maximum Daily 24 Hr (Max)	GPD	62,889	61,322	56,950.60
pH (Max)	SU	7.9	--	7.2
pH (Min)	SU	7.9	--	7.2
Volatile Fraction Organic	µg/L	8	6	9
Volatile Fraction Organic (Max)	µg/L	8	6	9

001.1.N				
Parameter	Units	Jan-01	Feb-01	Mar-01
Flow Rate, Instantaneous	GPM	34.7	42.3	34
Flow Rate, Instantaneous (Max)	GPM	34.7	42.3	34
Flow, Day Of Sampling	GPD	54,280	59,595	54,542.60
Flow, Day Of Sampling (Max)	GPD	54,280	59,595	54,542.60
Flow, Day Of Sampling (Ave)	GPD	54,280	59,595	54,542.60
Volatile Fraction Organic	µg/L	--	350	510
Volatile Fraction Organic (Max)	µg/L	340	350	510

NPDES Parameters Reported Biannually
March 2000 - March 2001
Sample Sites 0W6.M.V, 0W5.M.V 001.1.T

General Electric Company
Plainville, CT

0W6.M.V				
Parameter	Units	Mar-00	Jun-00	Sep-00
Depth of Monitoring Well	Ft	—	16.34	17.11
Depth of Monitoring Well (Max)	Ft	15	16.34	17.11
Volatile Fraction Organic	µg/L	—	23	2
Volatile Fraction Organic(Max)	µg/L	6	23	2

0W5.M.V				
Parameter	Units	Mar-00	Jun-00	Sep-00
Depth of Monitoring Well	Ft		16.61	17.11
Depth of Monitoring Well (Max)	Ft	16.51	16.61	17.11
Volatile Fraction Organic	µg/L		5	5
Volatile Fraction Organic (Max)	µg/L	9	5	5

001.1.T				
Parameter	Units	Dec-00	Mar-01	
Copper, Total	µg/L		9	
Copper, Total (Max)	µg/L	50	9	
Lead, Total	µg/L		< 5	
Lead, Total (Max)	µg/L	5	< 5	
P/F Stat 48 Hr Acu D.	P/F		Pass	
P/F Stat 48 Hr Acu D. (AVE)	P/F	Pass	Pass	
P/F Stat Acu Pimephales	P/F		Pass	
P/F Stat Acu Pimphales (Ave)	P/F	Pass	Pass	
Zinc, Total	µg/L		10	
Zinc, Total (Max)	µg/L	30	10	

Table 31

NPDES Parameters Reported Monthly
 March 2000 - April 2001
 Sample Site 001.1.1

O'Brien Gere technical Services, Inc.
 Former TRW Site
 Plainville, CT

Parameter	Units	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Dec-00
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	86,400*	86,400*	129,600*	129,600*	--	123,840*	129,600*	129,600*	129,600*
Flow Rate, Instantaneous (Max)	GPM	60*	60*	90*	90*	129,600*	86	90*	90*	90
Flow, Day of Sampling (Max)	GPD	86,400*	86,400*	129,600*	129,600*	129,600*	123,840	129,600*	129,600*	129,600*
Flow, Maximum Daily 24 Hr (Max)	GPD	86,400*	86,400*	129,600*	129,600*	129,600*	123,840	129,600*	129,600	129,600*
Iron, Total (Max)	mg/L	3.4	5.5	10	14	4.6	5.2	11	3.3	9
Oil & Grease Freon Extr-G (Max)	mg/L	< 6	< 5	< 5	< 5	< 5	< 5	12	< 5	< 5
P/F Stat 48 Hr Acu D. (Ave)	P/F	--	--	--	Pass	--	--	--	--	Fail
P/F Stat Acu Pimephales (Ave)	P/F	--	--	--	Pass	--	--	--	--	Fail
pH (Max)	SU	7.7	7.5	8.1	7.8	7.6	6.8	7.4	7.7	7
pH (Min)	SU	NA	--	--	--	--	6.8	7.4	--	--
Solids, Total Dissolved (Max)	mg/L	250	230	260	150	260	NA	310	250	250
Solids, Total Suspended (Max)	mg/L	310	12	23	29	8	NA	24	8	< 5
Volatile Fraction Organics (Max)	µg/L	12	--	--	7	--	--	< 10	--	< 10

* Estimated Value

Table 31

NPDES Parameters Reported Monthly
March 2000 - April 2001
Sample Site 001.1.1

O'Brien Gere technical Services, Inc.
Former TRW Site
Plainville, CT

Parameter	Units	Jan-01	Feb-01	Mar-01	Apr-01
Duration of Daily Discharge (Max)	hr/D	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	115,200*	72,000*	12,910	7,200
Flow Rate, Instantaneous (Max)	GPM	90*	50*	9	5
Flow, Day of Sampling (Max)	GPD	129,600*	72,000*	12,910	4,320
Flow, Maximum Daily 24 Hr (Max)	GPD	129,600*	72,000*	12,910	4,320
Iron, Total (Max)	mg/L	13	4.4	6.9	3.3
Oil & Grease Freon Extr-G (Max)	mg/L	< 5	< 5	< 5	< 6
P/F Stat 48 Hr Acu D. (Ave)	P/F	--	--	--	--
P/F Stat Acu Pimephales (Ave)	P/F	--	--	--	--
pH (Max)	SU	6.8	6.8	6.95	--
pH (Min)	SU	--	--	6.61	--
Solids, Total Dissolved (Max)	mg/L	260	280	260	280
Solids, Total Suspended (Max)	mg/L	7	8	12	17
Volatile Fraction Organics (Max)	µg/L	--	--	< 10	--

* Estimated Value

Table 32

NPDES Parameters Reported Annually
March 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	March-00	March-01
1,1 - Dichloroethane	µg/L	<1	< 5
1,1 - Dichloroethane (Ave)	µg/L	0	0
1,1 - Dichloroethane (Max)	µg/L	0	0
1,2 - Dichlorobenzene	mg/L	0.014	< 0.005
1,2 - Dichlorobenzene (Ave)	mg/L	0.014	0
1,2 - Dichlorobenzene (Max)	mg/L	0.014	0
1,2 - Dichloroethane	mg/L	<0.001	< 0.005
1,2 - Dichloroethane (Ave)	mg/L	0	0
1,2 - Dichloroethane (Max)	mg/L	0	0
1,2 - Transdichloro-Ethylene	mg/L	<0.001	< 0.005
1,2 - Transdichloro-Ethylene (Ave) ,	mg/L	0	0
1,2 - Transdichloro-Ethylene (Max)	mg/L	0	0
1,3 - Dichlorobenzene	mg/L	0.0013	< 0.005
1,3 - Dichlorobenzene (Ave)	mg/L	0.0013	0
1,3 - Dichlorobenzene (Max)	mg/L	0.0013	0
1,4 - Dichlorobenzene	mg/L	0.0017	< 0.005
1,4 - Dichlorobenzene (Ave)	mg/L	0.0017	0
1,4 - Dichlorobenzene (Max)	mg/L	0.0017	0
1,4 - Dioxane	mg/L	1.4	< 0.25
1,4 - Dioxane (Ave)	mg/L	1.4	0
1,4 - Dioxane (Max)	mg/L	1.5	0
1-Chloro-2-Nitrobenzne	µg/L	44	< 5
1-Chloro-2-Nitrobenzne (Ave)	µg/L	11	0
1-Chloro-2-Nitrobenzne (Max)	µg/L	44	0
2 - Chloroanaline	µg/L	260	< 5
2 - Chloroanaline (Ave)	µg/L	260	0
2 - Chloroanaline (Max)	µg/L	260	0
2 - Chlorophenol	mg/L	<0.01	< 0.01
2 - Chlorophenol (Ave)	mg/L	0	0
2 - Chlorophenol (Max)	mg/L	0	0
2 - Methylphenol	µg/L	< 5	< 5
2 - Methylphenol (Ave)	µg/L	0	0
2 - Methylphenol (Max)	µg/L	0	0
2,4 - Dinitrophenol (Ave)	mg/L	0	0
2,4 - Dinitrophenol (Max)	mg/L	< 0.05	< 0.05
2,4,6 - Trichlorophenol	µg/L	< 10	< 10
2,4,6 - Trichlorophenol (Ave)	µg/L	0	0
2,4,6 - Trichlorophenol (Max)	µg/L	0	0
3,3 - Dichloro-Benzidine	mg/L	< 0.001	< 0.005
3,3 - Dichloro-Benzidine (Ave)	mg/L	0.004	0
3,3 - Dichloro-Benzidine (Max)	mg/L	0.009	0
3,4 - Benzofluoran-Thene	µg/L	< 5	< 5
3,4 - Benzofluoran-Thene (Ave)	µg/L	0	0
3,4 - Benzofluoran-Thene (Max)	µg/L	0	0
4 - Chloroanaline	µg/L	< 5	< 5
4 - Chloroanaline (Ave)	µg/L	0	0
4 - Chloroanaline (Max)	µg/L	0	0
4 - Methylphenol	µg/L	< 5	< 5

Table 32

NPDES Parameters Reported Annually
March 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	March-00	March-01
4 - Methylphenol (Ave)	µg/L	0	0
4 - Methylphenol (Max)	µg/L	0	0
4 - Nitrophenol	mg/L	< 0.05	< 0.05
4 - Nitrophenol (Ave)	mg/L	0	0
4 - Nitrophenol (Max)	mg/L	0	0
4,6 - Dinitro-O-Cresol	mg/L	< 0.05	< 0.05
4,6 - Dinitro-O-Cresol (Ave)	mg/L	0	0
4,6 - Dinitro-O-Cresol (Max)	mg/L	0	0
Acenaphthene	mg/D	< 4112	< 4257
Acenaphthene	µg/L	< 5	< 5
Acenaphthene (Ave)	mg/D	0	0
Acenaphthene (Ave)	µg/L	0	0
Acenaphthene (Max)	mg/D	0	0
Acenaphthene (Max)	µg/L	0	0
Acenaphthylene	mg/D	< 8225	< 8513
Acenaphthylene	µg/L	< 10	< 10
Acenaphthylene (Ave)	mg/D	0	0
Acenaphthylene (Ave)	µg/L	0	0
Acenaphthylene (Max)	mg/D	0	0
Acenaphthylene (Max)	µg/L	0	0
Acetone	µg/L	< 20	< 17
Acetone (Ave)	µg/L	0	17
Acetone (Max)	µg/L	0	17
Acids, Total Volatile	gr/D	< 4	< 3.4
Acids, Total Volatile	µg/L	< 4	< 4
Acids, Total Volatile (Ave)	gr/D	0	0
Acids, Total Volatile (Ave)	µg/L	0	0
Acids, Total Volatile (Max)	gr/D	0	0
Acids, Total Volatile (Max)	µg/L	0	0
Aniline	µg/L	< 5	< 5
Aniline (Ave)	µg/L	0	0
Aniline (Max)	µg/L	0	0
Benzene	kg/D	< 0.0008	< 0.0043
Benzene	mg/L	< 0.001	< 0.005
Benzene (Ave)	kg/D	0	0
Benzene (Ave)	mg/L	0	0
Benzene (Max)	kg/D	0	0
Benzene (Max)	mg/L	0	0
Benzidine	mg/L	< 0.005	< 0.005
Benzidine (Ave)	mg/L	0.001	0
Benzidine (Max)	mg/L	0.005	0
Benzoic Acid	µg/L	< 5	< 5
Benzoic Acid (Ave)	µg/L	0	0
Benzoic Acid (Max)	µg/L	0	0
Bis (2-Ethylhexyl) Phthalate	gr/D	21	< 4.3
Bis (2-Ethylhexyl) Phthalate	µg/L	18	< 5
Bis (2-Ethylhexyl) Phthalate (Ave)	gr/D	11	0

Table 32

NPDES Parameters Reported Annually
March 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	March-00	March-01
Bis (2-Ethylhexyl) Phthalate (Ave)	µg/L	9	0
Bis (2-Ethylhexyl) Phthalate (Max)	gr/D	21	0
Bis (2-Ethylhexyl) Phthalate (Max)	µg/L	18	0
BOD 5-Day (Ave)	mg/L	10	5
BOD 5-Day (Max)	mg/L	14	6
Cadmium, Total	mg/L	< 0.0005	< 0.0005
Cadmium, Total (Ave)	mg/L	0	0
Cadmium, Total (Max)	mg/L	0	0
Carbon Disulfide, Dry Weight	µg/L	<2	< 5
Carbon Disulfide, Dry Weight (Max)	µg/L	0	0
Chemical Oxygen Demand (Ave)	mg/L	31	4
Chemical Oxygen Demand (Max)	mg/L	48	19
Chlorobenzene	mg/L	0.01	< 0.005
Chlorobenzene (Ave)	mg/L	0.01	0
Chlorobenzene (Max)	mg/L	0.01	0
Chloroform	mg/L	< 0.001	< 0.005
Chloroform (Ave)	mg/L	0	0
Chloroform (Max)	mg/L	0	0
Chromium, Total	mg/L	< 0.01	< 0.01
Chromium, Total (Ave)	mg/L	0	0
Chromium, Total (Max)	mg/L	0	0
Copper, Total	kg/D	0.008	0.009
Copper, Total	mg/L	0.008	0.01
Copper, Total (Ave)	kg/D	0.008	0.009
Copper, Total (Ave)	mg/L	0.008	0.01
Copper, Total (Max)	kg/D	0.008	0.009
Copper, Total (Max)	mg/L	0.008	0.01
Cyanide, Total	mg/L	< 0.01	0.04
Cyanide, Total (Ave)	mg/L	0	0.03
Cyanide, Total (Max)	mg/L	0	0.04
Di-n-Butylphthalate	mg/L	< 0.01	< 0.01
Di-n-Butylphthalate (Ave)	mg/L	0	0
Di-n-Butylphthalate (Max)	mg/L	0	0
Dichloran	mg/L	< 0.005	< 0.005
Dichloran (Ave)	mg/L	0	0
Dichloran (Max)	mg/L	0	0
Dissolved Oxygen	mg/L	4.5	12
Dissolved Oxygen (Min)	mg/L	4.5	12
Duration of Daily Discharge (Ave)	hr/D	22.7	23.5
Duration of Daily Discharge (Max)	hr/D	24	24
Ethyl Benzene	mg/L	0.0023	< 0.005
Ethyl Benzene (Ave)	mg/L	0.0023	0
Ethyl Benzene (Max)	mg/L	0.0023	0
Flow Rate, Average Daily (Ave)	GPD	246490	253328
Flow, Day of Sampling (Ave)	GPD	246693	226871
Flow, Day of Sampling (Max)	GPD	286551	303050
Lead, Total	mg/L	< 0.005	0.009
Lead, Total (Ave)	mg/L	0.002	0.002

Table 32

NPDES Parameters Reported Annually
March 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	March-00	March-01
Lead, Total (Max)	mg/L	0.009	0.009
Mercury, Total	gr/D	< 0.2	< 0.2
Mercury, Total	µg/L	< 0.2	< 0.2
Mercury, Total (Ave)	gr/D	0	0
Mercury, Total (Ave)	µg/L	0	0
Mercury, Total (Max)	gr/D	0	0
Mercury, Total (Max)	µg/L	0	0
Methyl Chloride	mg/L	< 0.002	< 0.005
Methyl Chloride (Ave)	mg/L	0	0
Methyl Chloride (Max)	mg/L	0	0
Methylene Chloride	mg/L	< 0.005	< 0.005
Methylene Chloride (Ave)	mg/L	0	0
Methylene Chloride (Max)	mg/L	0	0
Napthalene	mg/L	< 0.01	< 0.005
Napthalene (Ave)	mg/L	0	0
Napthalene (Max)	mg/L	0	0
Nickel, Total	mg/L	< 0.01	< 0.01
Nickel, Total (Ave)	mg/L	0	0.01
Nickel, Total (Max)	mg/L	0	0.01
Nitrogen Ammonia Total	mg/L	4.2	3.5
Nitrogen Ammonia Total (Ave)	mg/L	4.2	3.4
Nitrogen Ammonia Total (Max)	mg/L	4.6	3.7
Nitrogn Kjeldahl Total	mg/L	5.6	4.1
Nitrogn Kjeldahl Total (Ave)	mg/L	5.3	4.4
Nitrogn Kjeldahl Total (Max)	mg/L	5.6	5.1
Orthonitrochlorobenzene	µg/L	44	< 5
Orthonitrochlorobenzene (Ave)	µg/L	11	0
Orthonitrochlorobenzene (Max)	µg/L	44	0
P/F Stat Acu Cyprinadon Variegat	P/F	Pass	Pass
P/F Stat Acu Cyprinadon Variegat (Ave)	P/F	Pass	Pass
P/F Stat Acu Mysdopsis	P/F	Pass	Pass
P/F Stat Acu Mysdopsis (Ave)	P/F	Pass	Pass
PCBs	µg/L	0	0
PCBs (Ave)	µg/L	0	0
PCBs (Max)	µg/L	0	0
pH	SU	6.9-7.4	6.2-6.2
pH (Max)	SU	7.4	6.3
pH (Min)	SU	6.8	6.2
pH Monthly (Max)	SU	8.2	6.5
pH Monthly (Min)	SU	6.7	6.2
Phenanthrene	µg/L	< 10	< 10
Phenanthrene (Ave)	µg/L	0	0
Phenols	mg/L	< 0.01	< 0.01
Phenols (Ave)	mg/L	0	0
Phenols (Max)	mg/L	0	0
Silver, Total	mg/L	< 0.001	< 0.001
Silver, Total (Ave)	mg/L	0	0
Silver, Total (Max)	mg/L	0	0

Table 33

 NPDES Parameters Reported Monthly
 January 2000 - March 2001
 Sample Site 001.1.1

 Pharmacia Upjohn Company
 North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
1,2 - Dichlorobenzene	mg/L	0.004	0.012	0.014	0.0061	0.0033	0.0062	0.0034	< 0.005	< 0.005
1,2 - Dichlorobenzene (Ave)	mg/L	0.004	0.01	0.014	0.0061	0.0033	0.0062	0.0034	0	0
1,2 - Dichlorobenzene (Max)	mg/L	0.004	0.012	0.014	0.0061	0.0033	0.0062	0.0034	0	0
1,2 - Dichloroethane	mg/L	<0.001	<0.001	<0.001	< 0.001	< 0.001	< 0.001	<0.001	< 0.005	< 0.005
1,2 - Dichloroethane (Ave)	mg/L	0	0	0	0	0	0	0	0	0
1,2 - Dichloroethane (Max)	mg/L	0	0	0	0	0	0	0	0	0
1,3 - Dichlorobenzene	mg/L	0.0011	< 0.001	0.0013	< 0.001	0.0015	0.0071	0.0069	0.016	0.0074
1,3 - Dichlorobenzene (Ave)	mg/L	0.0011	0	0.0013	0	0.002	0.007	0.0069	0.016	0.007
1,3 - Dichlorobenzene (Max)	mg/L	0.0011	0	0.0013	0	0.002	0.007	0.0069	0.016	0.007
1,4 - Dichlorobenzene	mg/L	0.0021	0.001	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005
1,4 - Dichlorobenzene (Ave)	mg/L	0.0021	0.001	0.0017	0	0	0	0	0	0
1,4 - Dichlorobenzene (Max)	mg/L	0.0021	0.001	0.0017	0	0	0	0	0	0
1,4 - Dioxane	mg/L	1.7	1.9	1.4	1.5	1.5		1.3	1.3	1.4
1,4 - Dioxane (Ave)	mg/L	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.3	1.3
1,4 - Dioxane (Max)	mg/L	1.7	1.9	1.5	1.5	1.9	1.5	1.6	1.5	1.5
1-Chloro-2-Nitrobenzne	µg/L	< 5	<28	44	< 5	< 5		< 5	< 5	< 5
1-Chloro-2-Nitrobenzne (Ave)	µg/L	10	42	11	0	58	22	0	0	0
1-Chloro-2-Nitrobenzne (Max)	µg/L	30	67	44	0	230	58	0	0	0
2 - Chloroaniline	µg/L	45	4300	260	32	28	46	18	13	31
2 - Chloroaniline (Ave)	µg/L	45	4300	260	32	28	46	18	13	31
2 - Chloroaniline (Max)	µg/L	45	4300	260	32	28	46	18	13	31
2 - Chlorophenol	mg/L	< 0.005	<0.005	<0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01
2 - Chlorophenol (Ave)	mg/L	0	0	0	0	0	0	0	0	0
2 - Chlorophenol (Max)	mg/L	0	0	0	0	0	0	0	0	0
3,3 - Dichloro-Benzidine	mg/L	0.007	0.005	< 0.001	0.006	< 0.005		< 0.005	0.006	< 0.005
3,3 - Dichloro-Benzidine (Ave)	mg/L	0.005	0.004	0.004	0.0015	0	0.003	0.004	0.0024	0
3,3 - Dichloro-Benzidine (Max)	mg/L	0.007	0.015	0.009	0.006	0	0.008	0.008	0.006	0
4 - Nitrophenol	mg/L	<0.02	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4 - Nitrophenol (Ave)	mg/L	0	0	0	0	0	0	0	0	0
4 - Nitrophenol (Max)	mg/L	0	0	0	0	0	0	0	0	0
Benzene	kg/D	< 0.001	0.0086	< 0.0008	< 0.0007	< 0.0008	< 0.0008	< 0	< 0.0046	< 0.0043
Benzene	mg/L	< 0.001	0.0073	< 0.001	< 0.001	< 0.01	< 0.001	< 0.001	< 0.005	< 0.005
Benzene (Ave)	kg/D	0	0.0086	0	0	0	0	0	0	0
Benzene (Ave)	mg/L	0	0.0073	0	0	0	0	0	0	0
Benzene (Max)	kg/D	0	0.0086	0	0	0	0	0	0	0
Benzene (Max)	mg/L	0	0.0073	0	0	0	0	0	0	0

Table 33

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
1,2 - Dichlorobenzene	mg/L	0.005	0.0067	0.012	0.007	< 0.005	< 0.005
1,2 - Dichlorobenzene (Ave)	mg/L	0.005	0.007	0.012	0.007	0	0
1,2 - Dichlorobenzene (Max)	mg/L	0.005	0.007	0.012	0.007	0	0
1,2 - Dichloroethane	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2 - Dichloroethane (Ave)	mg/L	0	0	0	0	0	0
1,2 - Dichloroethane (Max)	mg/L	0	0	0	0	0	0
1,3 - Dichlorobenzene	mg/L	0.009	0.0085	0.009	< 0.005	< 0.005	< 0.005
1,3 - Dichlorobenzene (Ave)	mg/L	0.009	0.009	0.009	0	0	0
1,3 - Dichlorobenzene (Max)	mg/L	0.009	0.009	0.009	0	0	0
1,4 - Dichlorobenzene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,4 - Dichlorobenzene (Ave)	mg/L	0	0	0	0	0	0
1,4 - Dichlorobenzene (Max)	mg/L	0	0	0	0	0	0
1,4 - Dioxane	mg/L	1.7		1.7	1.4	< 0.25	< 0.25
1,4 - Dioxane (Ave)	mg/L	1.6	1.3	1.5	0.9	0.103	0
1,4 - Dioxane (Max)	mg/L	2	1.4	1.9	1.6	0.337	0
1-Chloro-2-Nitrobenzne	µg/L	< 5		< 5	< 5	< 5	< 5
1-Chloro-2-Nitrobenzne (Ave)	µg/L	0	0	3	0	0	0
1-Chloro-2-Nitrobenzne (Max)	µg/L	0	0	12	0	0	0
2 - Chloroaniline	µg/L	6	36	38	89	150	< 5
2 - Chloroaniline (Ave)	µg/L	6	36	38	89	150	0
2 - Chloroaniline (Max)	µg/L	6	36	38	89	150	0
2 - Chlorophenol	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2 - Chlorophenol (Ave)	mg/L	0	0	0	0	0	0
2 - Chlorophenol (Max)	mg/L	0	0	0	0	0	0
3,3 - Dichloro-Benzidine	mg/L	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005
3,3 - Dichloro-Benzidine (Ave)	mg/L	0.0044	0.0065	0.002	0.003	0	0
3,3 - Dichloro-Benzidine (Max)	mg/L	0.008	0.01	0.008	0.008	0	0
4 - Nitrophenol	mg/L	< 0.05	< 0.05	< 0.05	< 0.005	< 0.05	< 0.05
4 - Nitrophenol (Ave)	mg/L	0	0	0	0	0	0
4 - Nitrophenol (Max)	mg/L	0	0	0	0	0	0
Benzene	kg/D	< 0.0044	0	< 0.0047	< 0.0042	< 0.0041	< 0.0043
Benzene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Benzene (Ave)	kg/D	0	0	0	0	0	0
Benzene (Ave)	mg/L	0	0	0	0	0	0
Benzene (Max)	kg/D	0	0	0	0	0	0
Benzene (Max)	mg/L	0	0	0	0	0	0

Table 33

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Benzidine	mg/L	0.006	0.01	< 0.005	< 0.005	< 0.005		< 0.005	0.01	< 0.005
Benzidine (Ave)	mg/L	0.006	0.009	0.001	0	0.003	0	0	0.002	0.003
Benzidine (Max)	mg/L	0.01	0.029	0.005	0	0.006	0	0	0.01	0.007
BOD 5-Day (Ave)	mg/L	15.2	13	10	11	16	15	16	15	13
BOD 5-Day (Max)	mg/L	24	16	14	18	24	22	22	21	17
Chemical Oxygen Demand (Ave)	mg/L	37	42	31	34	35	34	23	30	35
Chemical Oxygen Demand (Max)	mg/L	48	56	48	47	49	45	29	44	50
Chlorobenzene	mg/L	< 0.001	0.026	0.01	0.0026	0.0074	0.011	0.0072	0.0055	0.0063
Chlorobenzene (Ave)	mg/L	0	0.026	0.01	0.0026	0.0074	0.011	0.0072	0.0055	0.0063
Chlorobenzene (Max)	mg/L	0	0.026	0.01	0.0026	0.0074	0.011	0.0072	0.0055	0.0063
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Cyanide, Total (Ave)	mg/L	0.003	0	0	0.01	0	0	0	0	0
Cyanide, Total (Max)	mg/L	0.012	0	0	0.003	0.01	0	0	0	0
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005
Dichloran (Ave)	mg/L	0	0	0	0	0	0	0	0	0
Dichloran (Max)	mg/L	0	0	0	0	0	0	0	0	0
Dissolved Oxygen	mg/L	4.2	5	4.5	8.7	8.6			8.3	8.3
Dissolved Oxygen (Min)	mg/L	3.1	5	4.5	7	7.5	7.2	8	7.9	8.2
Duration of Daily Discharge (Ave)	hr/D	24	22.7	22.7	24	22.9	24	23.6	24	23.9
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	261,322	244,397	246,490	235,949	235,949	235,949	235,949	246,648	237,110
Flow, Day of Sampling (Ave)	GPD	243,746	253,136	246,693	225,634	236,055	250,346	235,142	252,252	238,017
Flow, Day of Sampling (Max)	GPD	293,322	311,462	286,551	266,309	264,652	288,694	319,706	276,855	277,708
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.006		< 0.005	< 0.005	< 0.005
Lead, Total (Ave)	mg/L	0	0	0.002	0.003	0.005	0.006	0.001	0.002	0
Lead, Total (Max)	mg/L	0	0	0.009	0.006	0.007	0.013	0.005	0.008	0
Mercury, Total	gr/D	< 0.2	< 0.2	< 0.2	< 0.1	0.5	< 0.2	< 0.1	< 0.2	< 0.013
Mercury, Total	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	0.6	< 0.2	< 0.2	< 0.2	< 0.012
Mercury, Total (Ave)	gr/D	0	0	0	0	0.5	0	0	0	0
Mercury, Total (Ave)	µg/L	0	0	0	0	0.6	0	0	0	0
Mercury, Total (Max)	gr/D	0	0	0	0	0.5	0	0	0	0
Mercury, Total (Max)	µg/L	0	0	0	0	0.6	0	0	0	0
Methylene Chloride	mg/L	< 0.002	0.002	< 0.005	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.005
Methylene Chloride (Ave)	mg/L	0	0.002	0	0	0	0	0	0	0
Methylene Chloride (Max)	mg/L	0	0.002	0	0	0	0	0	0	0
Nitrogen Ammonia Total	mg/L	3	4	4.2	5	3.9		3	2.9	3.7

Table 33

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Benzidine	mg/L	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005
Benzidine (Ave)	mg/L	0	0	0	0.003	0	0
Benzidine (Max)	mg/L	0	0	0	0.014	0	0
BOD 5-Day (Ave)	mg/L	13	14	13	11	4	5
BOD 5-Day (Max)	mg/L	16	18	22	17	4	6
Chemical Oxygen Demand (Ave)	mg/L	31	29	32	19	6	4
Chemical Oxygen Demand (Max)	mg/L	43	45	38	28	18	19
Chlorobenzene	mg/L	0.0108	0.021	0.066	0.009	< 0.005	< 0.005
Chlorobenzene (Ave)	mg/L	0.0108	0.021	0.066	0.009	0	0
Chlorobenzene (Max)	mg/L	0.0108	0.021	0.066	0.009	0	0
Cyanide, Total	mg/L	< 0.01		< 0.01	< 0.01	0.04	0.04
Cyanide, Total (Ave)	mg/L	0	0	0	0.01	0.03	0.03
Cyanide, Total (Max)	mg/L	0	0	0	0.02	0.04	0.04
Dichloran	mg/L	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005
Dichloran (Ave)	mg/L	0	0	0	0.001	0	0
Dichloran (Max)	mg/L	0	0	0	0.005	0	0
Dissolved Oxygen	mg/L	8.3		9.6	10.5	13	12
Dissolved Oxygen (Min)	mg/L	8.3	8.8	9.5	9.2	10.6	12
Duration of Daily Discharge (Ave)	hr/D	24	24	21	23.3	23.3	23.5
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	232,930	227,496	216,415	238,971	236,283	253,328
Flow, Day of Sampling (Ave)	GPD	231	229,877	222,555	233,134	199,600	226,871
Flow, Day of Sampling (Max)	GPD	260,686	261,622	295,534	261,410	258,030	303,050
Lead, Total	mg/L	< 0.005		< 0.05	0.006	0.006	0.009
Lead, Total (Ave)	mg/L	0.001	0	0.002	0.002	0.001	0.002
Lead, Total (Max)	mg/L	0.005	0	0.005	0.006	0.006	0.009
Mercury, Total	gr/D	< 0.2	< 0.2	0.3	< 0.2	< 0.2	< 0.2
Mercury, Total	µg/L	< 0.2	< 0.2	0.3	< 0.2	< 0.2	< 0.2
Mercury, Total (Ave)	gr/D	0	0	0.1	0	0	0
Mercury, Total (Ave)	µg/L	0	0	0.3	0	0	0
Mercury, Total (Max)	gr/D	0	0	0.3	0	0	0
Mercury, Total (Max)	µg/L	0	0	0.3	0	0	0
Methylene Chloride	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene Chloride (Ave)	mg/L	0	0	0	0	0	0
Methylene Chloride (Max)	mg/L	0	0	0	0	0	0
Nitrogen Ammonia Total	mg/L	3.6		3.2	3.9	3.9	3.5

Table 33

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Nitrogen Ammonia Total (Ave)	mg/L	3.4	3.8	4.2	4.2	3.7	3.4	3.3	3.1	3.5
Nitrogen Ammonia Total (Max)	mg/L	3.8	4	4.6	5	3.9	3.6	3.5	3.7	3.7
Nitrogn Kjeldahl Total	mg/L	3.4	5.5	5.6	6.3	5.2		4.4	5	6
Nitrogn Kjeldahl Total (Ave)	mg/L	4.8	5.3	5.3	5.5	5.3	5.1	4.7	4.7	5.6
Nitrogn Kjeldahl Total (Max)	mg/L	6.4	5.8	5.6	6.3	5.7	5.7	5	5.8	6
Orthonitrochlorobenzene	µg/L	< 5	28	44	< 5	< 5		< 5	< 5	< 5
Orthonitrochlorobenzene (Ave)	µg/L	10	42	11	0	58.2	21.5	0	0	0
Orthonitrochlorobenzene (Max)	µg/L	30	67	44	0	230	58	0	0	0
P/F Stat Acu Cyprinadon Variegat	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Cyprinadon Variegat (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Mysdopsis	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Mysdopsis (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
PCBs	µg/L	0	0	0	0	0	0	0	0	0
PCBs (Ave)	µg/L	0	0	0	0	0	0	0	0	0
PCBs (Max)	µg/L	0	0	0	0	0	0	0	0	0
pH	SU	6.7 - 6.7	6.7-6.7	6.9-7.4	6.8-6.9	6.7-6.8	0.0-0.0	6.9-6.9	6.6-6.7	6.7-6.8
pH (Max)	SU	6.9	7.9	7.4	8	7	7.5	7	6.7	6.8
pH (Min)	SU	6.6	6.6	6.8	6.8	6.6	6.9	6.7	6.6	6.6
pH Monthly (Max)	SU	7.5	7.2	8.2	7.4	7.4	7.4	7	6.7	6.8
pH Monthly (Min)	SU	6.2	6.2	6.7	6.8	6.8	6.8	6.1	6.4	6.1
Phenols	mg/L	<0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenols (Ave)	mg/L	0	0	0	0	0	0	0	0	0
Phenols (Max)	mg/L	0	0	0	0	0	0	0	0	0
Silver, Total	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.011
Silver, Total (Ave)	mg/L	0	0	0	0	0	0	0	0	0
Silver, Total (Max)	mg/L	0	0	0	0	0	0	0	0	0
Solids, Total Suspended (Ave)	mg/L	17	14	16	20	18	22	24	20	18
Solids, Total Suspended (Max)	mg/L	30	24	26	40	30	42	52	40	30
Toluene	mg/L	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005
Toluene (Ave)	mg/L	0	0.0018	0	0	0	0	0	0	0
Toluene (Max)	mg/L	0	0.0018	0	0	0	0	0	0	0
Zinc, Total	mg/L	<0.01	0.02	0.06	< 0.01	0.07		0.03	0.02	0.02
Zinc, Total (Ave)	mg/L	0.01	0.01	0.06	0.01	0.05	0.02	0.02	0.02	0.02
Zinc, Total (Max)	mg/L	0.03	0.02	0.1	0.03	0.09	0.04	0.03	0.02	0.02

Table 33

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Nitrogen Ammonia Total (Ave)	mg/L	3.3	3	3.3	3.8	3.1	3.4
Nitrogen Ammonia Total (Max)	mg/L	3.6	3.1	3.5	4.1	4	3.7
Nitrogn Kjeldahl Total	mg/L	5.5		5.2	3.7	5.2	4.1
Nitrogn Kjeldahl Total (Ave)	mg/L	5.1	4.9	4.6	4.8	3.8	4.4
Nitrogn Kjeldahl Total (Max)	mg/L	5.6	5.4	5.2	5.8	5.2	5.1
Orthonitrochlorobenzene	µg/L	< 5		< 5	< 5	< 5	< 5
Orthonitrochlorobenzene (Ave)	µg/L	0	0	3	0	0	0
Orthonitrochlorobenzene (Max)	µg/L	0	0	12	0	0	0
P/F Stat Acu Cyprinadon Variegat	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Cyprinadon Variegat (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Mysdopsis	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Mysdopsis (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
PCBs	µg/L	0	0	0	0	0	0
PCBs (Ave)	µg/L	0	0	0	0	0	0
PCBs (Max)	µg/L	0	0	0	0	0	0
pH	SU	6.6-6.7		6.6-6.7	6.6-6.6	6.4-6.5	6.2-6.2
pH (Max)	SU	6.8	6.8	6.7	6.7	6.5	6.3
pH (Min)	SU	6.5	6.2	6.6	6.3	6.3	6.2
pH Monthly (Max)	SU	6.8	6.9	7	6.9	6.5	6.5
pH Monthly (Min)	SU	6.3	6.2	6.6	6.3	6	6.2
Phenols	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenols (Ave)	mg/L	0	0	0	0	0	0
Phenols (Max)	mg/L	0	0	0	0	0	0
Silver, Total	mg/L	< 0.011	< 0.001	< 0.001	< 0.01	< 0.01	< 0.001
Silver, Total (Ave)	mg/L	0	0	0	0	0	0
Silver, Total (Max)	mg/L	0	0	0	0	0	0
Solids, Total Suspended (Ave)	mg/L	15	20	15	6	2	2
Solids, Total Suspended (Max)	mg/L	26	28	36	11	6	5
Toluene	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene (Ave)	mg/L	0	0	0	0	0	0
Toluene (Max)	mg/L	0	0	0	0	0	0
Zinc, Total	mg/L	< 0.01		< 0.01	0.04	0.17	0.25
Zinc, Total (Ave)	mg/L	0	0.02	0.01	0.14	0.13	0.15
Zinc, Total (Max)	mg/L	0.01	0.04	0.02	0.35	0.27	0.25

Table 34

NPDES Parameters Reported Weekly
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Sample Site 001.1.1

Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	11-Jan-00	18-Jan-00	25-Jan-00	08-Feb-00	16-Feb-00	22-Feb-00	29-Feb-00	14-Mar-00	21-Mar-00
1,4 - Dioxane	mg/L	1.6	1.2	1	1.2	1.2	1.3	1.4	1.3	1.5
1-Chloro-2-Nitrobenzne	µg/L	< 5	10	30	< 33	20	67	60	< 5	< 5
3,3 - Dichloro-Benzidine	mg/L	0.006	< 0.005	0.007	< 0.005	< 0.005	0.015	< 0.005	0.009	< 0.005
Benzidine	mg/L	0.01	< 0.005	0.007	< 0.005	0.008	0.029	< 0.005	< 0.005	< 0.005
Bis (2-Ethylhexyl) Phthalate	gr/D	--	--	--	--	--	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	µg/L	--	--	--	--	--	--	--	--	--
Cyanide, Total	mg/L	< 0.01	< 0.01	0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dissolved Oxygen	mg/L	3.1	6.8	7.3	7	8.5	9.2	6.2	7.5	8.6
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.009
Nitrogen Ammonia Total	mg/L	3.5	3.3	3.8	3.9	3.3	3.4	4.3	3.9	4.2
Nitrogn Kjeldahl Total	mg/L	4.4	4.9	6.4	5	4.7	5.8	5.7	4.7	5.2
Orthonitrochlorobenzene	µg/L	< 5	10	30	33	20	67	60	< 5	< 5
P/F Stat Acu Mysdopsis	P/F	--	Pass	--	--	Pass	--	--	--	Pass
pH	SU	6.9-6.9	6.6-6.7	6.7-6.9	6.9-6.9	6.6-6.7	6.8-7.9	6.9-7.2	6.8-7.2	6.9-7.1
Zinc, Total	mg/L	0.03	< 0.01	0.02	< 0.01	0.02	< 0.01	0.02	0.1	0.05

Table 34

 NPDES Parameters Reported Weekly
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 Pharmacia Upjohn Company
 North Haven, CT

Sample Site 001.1.1

Parameter	Units	28-Mar-00	11-Apr-00	18-Apr-00	25-Apr-00	09-May-00	16-May-00	23-May-00	30-May-00	05-Jun-00
1,4 - Dioxane	mg/L	1.5	1.5	1.3	1.3	1.9	1.3	1.3	1.3	1.4
1-Chloro-2-Nitrobenzne	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	230	61	< 58
3,3 - Dichloro-Benzidine	mg/L	0.007	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Benzidine	mg/L	0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.006	< 0.005	0.008	< 0.005
Bis (2-Ethylhexyl) Phthalate	gr/D	< 3.5	--	--	--	--	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	µg/L	< 5	--	--	--	--	--	--	--	--
Cyanide, Total	mg/L	< 0.01	0.03	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dissolved Oxygen	mg/L	7.6	7	9	9.2	7.5	9.6	9.3	8.5	7.2
Lead, Total	mg/L	< 0.005	< 0.005	0.006	0.006	0.006	< 0.005	0.007	0.006	0.006
Nitrogen Ammonia Total	mg/L	4.6	3.9	4.4	3.5	3.9	3.9	3.4	3.4	3.5
Nitrogn Kjeldahl Total	mg/L	5.6	4.8	5.5	5.4	5.1	5.7	5.4	5	5.1
Orthonitrochlorobenzene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	230	61	58
P/F Stat Acu Mysdopsis	P/F	--	--	Pass	--	--	Pass	--	--	--
pH	SU	6.8-6.9	6.9-7.4	6.9-8.0	6.8-6.8	6.9-6.9	6.9-7.0	6.6-6.7	--	6.9-7.0
Zinc, Total	mg/L	0.02	< 0.01	0.03	0.02	0.09	0.04	0.03	0.04	0.04

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NPDES Parameters Reported Weekly
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Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	13-Jun-00	20-Jun-00	27-Jun-00	11-Jul-00	18-Jul-00	25-Jul-00	08-Aug-00	15-Aug-00	22-Aug-00
1,4 - Dioxane	mg/L	1.3	1.4	1.5	1.3	1.4	1.6	1.5	1.3	1.3
1-Chloro-2-Nitrobenzne	µg/L	< 23	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
3,3 - Dichloro-Benzidine	mg/L	< 0.005	0.005	0.008	< 0.005	0.008	0.006	< 0.005	0.006	< 0.005
Benzidine	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bis (2-Ethylhexyl) Phthalate	gr/D	--	--	--	--	--	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	µg/L	--	--	--	--	--	--	--	--	--
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dissolved Oxygen	mg/L	--	8.3	--	8.4	8	--	8.9	8.5	8.5
Lead, Total	mg/L	0.005	< 0.005	0.013	0.005	< 0.005	< 0.005	< 0.005	0.008	< 0.005
Nitrogen Ammonia Total	mg/L	2.8	3.6	3.6	3.3	3	3.5	3.7	2.5	2.8
Nitrogn Kjeldahl Total	mg/L	5	5.7	4.4	5	4.9	4.6	4.8	3.3	4.8
Orthonitrochlorobenzene	µg/L	23	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
P/F Stat Acu Mysdopsis	P/F	Pass	--	--	--	Pass	--	--	Pass	--
pH	SU	7.0-7.0	6.9-7.0	6.9-7.5	6.9-7.0	6.7-6.7	6.6-6.7	6.6-6.7	6.7-6.7	6.6-6.7
Zinc, Total	mg/L	0.03	0.02	< 0.01	0.02	0.02	0.01	0.02	0.02	0.02

Table 34

NPDES Parameters Reported Weekly
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Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	29-Aug-00	12-Sep-00	19-Sep-00	26-Sep-00	10-Oct-00	17-Oct-00	24-Oct-00	31-Oct-00	07-Nov-00
1,4 - Dioxane	mg/L	1.3	1.5	1.1	1.3	1.9	1.4	2	1.2	1.3
1-Chloro-2-Nitrobenzne	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
3,3 - Dichloro-Benzidine	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.008	0.007	0.007	< 0.005	< 0.005
Benzidine	mg/L	< 0.005	0.007	0.006	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bis (2-Ethylhexyl) Phthalate	gr/D	--	--	--	--	--	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	µg/L	--	--	--	--	--	--	--	--	--
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dissolved Oxygen	mg/L	7.9	9.2	8.2	8.2	9.3	8.5	9.4	9.4	8.8
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nitrogen Ammonia Total	mg/L	3.4	3.2	3.6	3.6	2.9	3.4	3.5	3	3
Nitrogn Kjeldahl Total	mg/L	5.8	5.6	5.6	5.3	4.8	5.4	4.3	5.6	4.3
Orthonitrochlorobenzene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
P/F Stat Acu Mysdopsis	P/F	--	--	Pass	--	--	Pass	--	--	--
pH	SU	6.7-6.7	6.6-6.7	6.6-6.6	6.6-6.7	6.7-6.8	6.7-6.7	6.7-6.7	6.5-6.8	6.2-6.7
Zinc, Total	mg/L	0.01	0.01	0.02	0.02	< 0.01	< 0.01	0.01	< 0.01	< 0.01

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Pharmacia Upjohn Company
North Haven, CT

Parameter	Units	14-Nov-00	21-Nov-00	27-Nov-00	12-Dec-00	19-Dec-00	27-Dec-00	09-Jan-01	16-Jan-01	24-Jan-01
1,4 - Dioxane	mg/L	1.2	1.3	1.4	1.9	1.1	1.3	1.4	1.6	< 0.25
1-Chloro-2-Nitrobenzne	µg/L	< 5	< 5	< 5	12	< 5	< 5	< 5	< 5	< 5
3,3 - Dichloro-Benzidine	mg/L	0.007	0.009	0.01	< 0.005	< 0.005	0.008	0.006	0.008	< 0.005
Benzidine	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.014	< 0.005
Bis (2-Ethylhexyl) Phthalate	gr/D	--	--	--	--	--	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	µg/L	--	--	--	--	--	--	--	--	--
Cyanide, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	0.02
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.005	< 0.005
Dissolved Oxygen	mg/L	10.8	9.8	9.6	10.1	9.5	10.9	9.2	9.2	16.9
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.005	< 0.01	0.005	< 0.005	< 0.005
Nitrogen Ammonia Total	mg/L	2.9	3.1	2.9	3.4	3.2	3.5	3.4	3.7	4.1
Nitrogn Kjeldahl Total	mg/L	4.9	5	5.4	4.6	5.2	3.5	4.5	5.8	5.2
Orthonitrochlorobenzene	µg/L	< 5	< 5	< 5	12	< 5	< 5	< 5	< 5	< 5
P/F Stat Acu Mysdopsis	P/F	Pass	--	--	--	Pass	--	--	Pass	--
pH	SU	6.7-6.7	6.5-6.8	6.2-6.7	6.7-6.7	6.7-6.7	6.6-6.7	6.6-6.7	6.6-6.7	6.5-6.5
Zinc, Total	mg/L	0.04	0.02	0.03	0.02	0.02	< 0.01	0.03	0.01	0.35

Table 34

 NPDES Parameters Reported Weekly
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 Pharmacia Upjohn Company
 North Haven, CT

Sample Site 001.1.1

Parameter	Units	30-Jan-01	13-Feb-01	20-Feb-01	27-Feb-01	13-Mar-01	20-Mar-01	27-Mar-01
1,4 - Dioxane	mg/L	< 0.25	< 0.25	0.337	< 0.177	< 0.25	< 0.25	< 0.25
1-Chloro-2-Nitrobenzne	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
3,3 - Dichloro-Benzidine	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Benzidine	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bis (2-Ethylhexyl) Phthalate	gr/D	--	--	--	--	--	--	< 3.5
Bis (2-Ethylhexyl) Phthalate	µg/L	--	--	--	--	--	--	< 5
Cyanide, Total	mg/L	0.02	0.04	0.03	0.04	0.03	0.02	0.02
Dichloran	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dissolved Oxygen	mg/L	15.2	15.5	18.4	10.6	12.8	12.1	13.4
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nitrogen Ammonia Total	mg/L	4	4	3.9	3.7	3.3	3.7	2.9
Nitrogn Kjeldahl Total	mg/L	4.8	4.6	4.8	4.3	4.3	5.1	4
Orthonitrochlorobenzene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5
P/F Stat Acu Mysdopsis	P/F	--	--	Pass	--	--	Pass	--
pH	SU	6.3-6.5	6.3-6.4	6.3-6.3	6.0-6.1	6.2-6.3	6.3-6.3	6.3-6.3
Zinc, Total	mg/L	0.26	0.27	0.1	0.13	0.17	0.1	0.09

Table 35

NPDES Parameter Reported Annually, Biannually and Quarterly
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Sample Site 101.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	Jan-00	Feb-00	May-00	Aug-00	Nov-00	Feb-01	Mar-01
Bismuth, Total	mg/L	--	< 0.2	0.06	0.02	0.01	< 0.1	--
Bismuth, Total (Ave)	mg/L	--	< 0.2	0.06	0.02	0.01	< 0.1	--
Bismuth, Total (Max)	mg/L	--	< 0.2	0.06	0.02	0.01	< 0.1	--
BOD 5-Day	mg/L	--	25	20	9	12	11	--
BOD 5-Day (Ave)	mg/L	--	25	20	9	12	11	--
BOD 5-Day (Max)	mg/L	--	25	20	9	12	11	--
Boron, Total	mg/L	--	0.73	0.8	0.7	0.6	0.6	--
Boron, Total (Ave)	mg/L	--	0.73	0.8	0.7	0.6	0.6	--
Boron, Total (Max)	mg/L	--	0.73	0.8	0.7	0.6	0.6	--
Cyanide - Amenable	mg/L	0.014	--	--	--	--	< 0.003	< 0.003
Cyanide - Amenable (Ave)	mg/L	0.014	--	--	--	--	< 0.003	< 0.003
Cyanide - Amenable (Max)	mg/L	0.014	--	--	--	--	< 0.003	< 0.003
Nitrogen Ammonia Total	mg/L	--	0.88	4.12	2.58	2.75	2.78	--
Nitrogen Ammonia Total (Ave)	mg/L	--	0.88	4.12	2.58	2.75	2.78	--
Nitrogen Ammonia Total (Max)	mg/L	--	0.88	4.12	2.58	2.75	2.78	--
Nitrogen, Kjeldahl Total	mg/L	--	< 5	< 0.8	4.8	2.2	3.3	--
Nitrogen, Kjeldahl Total (Ave)	mg/L	--	< 5	< 0.8	4.8	2.2	3.3	--
Nitrogen, Kjeldahl Total (Max)	mg/L	--	< 5	< 0.8	4.8	2.2	3.3	--
Nitrogen, Nitrate Total	mg/L	--	63.1	42.9	19.4	35.4	2.19	--
Nitrogen, Nitrate Total (Ave)	mg/L	--	63.1	42.9	19.4	35.4	2.19	--
Nitrogen, Nitrate Total (Max)	mg/L	--	63.1	42.9	19.4	35.4	2.19	--
Organics, Total Toxic	mg/L	--	--	0.0074	--	--	--	--
Organics, Total Toxic (Ave)	mg/L	--	--	0.0074	--	--	--	--
Organics, Total Toxic (Max)	mg/L	--	--	0.0074	--	--	--	--
Surfactants (MBAs)	mg/L	--	0.362	0.275	0.134	0.563	0.206	--
Surfactants (MBAs) (Ave)	mg/L	--	0.362	0.275	0.134	0.563	0.206	--
Surfactants (MBAs) (Max)	mg/L	--	0.362	0.275	0.134	0.563	0.206	--
Trichloroethylene	mg/L	--	0.0025	0.0022	0.0016	0.001	0.0015	0.0017
Trichloroethylene (Ave)	mg/L	--	0.0025	0.0022	0.0016	0.001	0.0015	0.0017
Trichloroethylene (Max)	mg/L	--	0.0025	0.0022	0.0016	0.001	0.0015	0.0017

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NPDES Parameters Reported Monthly
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Pratt Whitney
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	June 2000	Jul-00	Aug-00	Sep-00
Aluminum, Total (Ave)	gr/D	263.071	238.61	229.73	266.44	215.96	260.2	275.24	271.1	248.84
Aluminum, Total (Ave)	mg/L	0.813	0.73	0.67	0.7	0.5	0.55	0.56	0.56	0.62
Aluminum, Total (Max)	gr/D	328.16	307.43	259.37	325.84	291.32	386.4	311.18	323.43	298.61
Aluminum, Total (Max)	mg/L	1	0.945	0.81	0.81	0.64	0.8	0.66	0.72	0.77
Cadmium, Total	gr/D	< 0.1576	< 0.163	< 0.067	< 0.078	< 0.026	< 0.2415	< 0.282	0.356	< 0.19
Cadmium, Total	mg/L	< 0.0005	< 0.0005	< 0.0002	< 0.0002	< 0.0005	< 0.0005	< 0.0005	0.0007	< 0.0005
Cadmium, Total (Ave)	gr/D	< 0.1576	< 0.163	< 0.067	< 0.078	< 0.26	< 0.2415	< 0.282	0.356	< 0.19
Cadmium, Total (Ave)	mg/L	< 0.0005	< 0.0005	< 0.0002	< 0.0002	< 0.0005	< 0.0005	< 0.0005	0.0007	< 0.0005
Cadmium, Total (Max)	gr/D	< 0.1576	< 0.163	< 0.067	< 0.078	< 0.26	< 0.2415	< 0.282	0.356	< 0.19
Cadmium, Total (Max)	mg/L	< 0.0005	< 0.0005	< 0.0002	< 0.0002	< 0.0005	< 0.0005	< 0.0005	0.0007	< 0.0005
Chlorine, Total Residual (Max)	mg/L	0.05	0.07	0.08	0.05	0.04	0.07	0.01	0.03	0.05
Chlorine, Total Residual (Min)	mg/L	0	0	0	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.01	< 0.01	< 0.009	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Chromium, Hexavalent (Ave)	mg/L	< 0.01	< 0.01	< 0.009	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Chromium, Hexavalent (Max)	mg/L	< 0.01	< 0.01	< 0.009	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Chromium, Total	mg/L	< 0.015	< 0.015	< 0.005	0.007	< 0.01	< 0.01	< 0.01	0.007	< 0.01
Chromium, Total (Ave)	mg/L	< 0.015	< 0.015	< 0.005	0.007	< 0.01	< 0.01	< 0.01	0.007	< 0.01
Chromium, Total (Max)	mg/L	< 0.015	< 0.015	< 0.005	0.007	< 0.01	< 0.01	< 0.01	0.007	< 0.01
Copper, Total (Ave)	gr/D	12.637	6.4	7.21	5.72	6.27	13.85	17.571	15.94	12.4
Copper, Total (Ave)	mg/L	0.039	0.02	0.021	0.015	0.014	0.03	0.036	0.032	0.031
Copper, Total (Max)	gr/D	23.299	7.17	8.97	7.24	8.97	18.65	23.986	25.08	17.06
Copper, Total (Max)	mg/L	0.071	0.023	0.028	0.018	0.017	0.043	0.055	0.05	0.044
Cyanide, Total	gr/D	4.097	< 1.63	< 1	< 1.17	< 1.58	< 1.449	< 1.69	< 1.53	< 1.163
Cyanide, Total	mg/L	0.013	< 0.005	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Cyanide, Total (Ave)	gr/D	4.097	< 1.63	< 1	< 1.17	< 1.58	< 1.449	< 1.69	< 1.53	< 1.163
Cyanide, Total (Ave)	mg/L	0.013	< 0.005	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Cyanide, Total (Max)	gr/D	4.097	< 1.63	< 1	< 1.17	< 1.58	< 1.449	< 1.69	< 1.53	< 1.163
Cyanide, Total (Max)	mg/L	0.013	< 0.005	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Flow Rate, Average Daily (Ave)	GPD	80,315	89,978	92,316	96,494	102,601	121,117	122,930	121,676	97,044
Flow Rate, Average Daily (Max)	GPD	109,140	112,890	113,020	115,470	139,330	168,370	182,490	160,380	127,950
Fluoride, Total (Ave)	mg/L	0.67	0.71	0.66	0.83	0.95	1.38	0.73	0.42	1.2
Fluoride, Total (Max)	mg/L	0.76	0.83	0.73	0.98	1.21	1.9	1.09	0.5	3.81
Iron, Total (Ave)	mg/L	0.122	0.076	0.09	0.038	0.04	0.03	0.04	0.03	0.04
Iron, Total (Max)	mg/L	0.144	0.123	0.14	0.053	0.06	0.04	0.05	0.05	0.07
Lead, Total (Ave)	gr/D	< 1.61	< 1.43	< 0.63	< 0.68	< 0.78	< 0.86	< 0.93	< 0.88	< 0.73
Lead, Total (Ave)	mg/L	< 0.005	< 0.0044	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0019	< 0.0018	< 0.0018

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Pratt Whitney
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-00	Feb-00	Mar-00
Aluminum, Total (Ave)	gr/D	237.42	249.05	275.3	276.12	327.2	260.77
Aluminum, Total (Ave)	mg/L	0.61	0.78	0.87	0.87	1.01	0.95
Aluminum, Total (Max)	gr/D	379.7	355.85	325.62	381.47	362.49	367.46
Aluminum, Total (Max)	mg/L	0.94	1.14	1.07	1.13	1.16	1.34
Cadmium, Total	gr/D	< 0.2	< 0.176	< 0.15	< 0.1558	< 0.156	< 0.153
Cadmium, Total	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Cadmium, Total (Ave)	gr/D	< 0.2	< 0.176	< 0.15	< 0.1558	< 0.156	< 0.153
Cadmium, Total (Ave)	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Cadmium, Total (Max)	gr/D	< 0.2	< 0.176	< 0.15	< 0.1558	< 0.156	< 0.153
Cadmium, Total (Max)	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chlorine, Total Residual (Max)	mg/L	0.03	0.02	0.05	0.04	0.02	0.03
Chlorine, Total Residual (Min)	mg/L	0	0	0	0	0	0
Chromium, Hexavalent	mg/L	< 0.003	< 0.03	< 0.03	< 0.03	< 0.003	0.024
Chromium, Hexavalent (Ave)	mg/L	< 0.003	< 0.03	< 0.03	< 0.03	< 0.003	0.024
Chromium, Hexavalent (Max)	mg/L	< 0.003	< 0.03	< 0.03	< 0.03	< 0.003	0.024
Chromium, Total	mg/L	< 0.01	0.01	0.013	< 0.005	< 0.01	0.016
Chromium, Total (Ave)	mg/L	0.01	0.01	0.013	< 0.005	< 0.01	0.016
Chromium, Total (Max)	mg/L	0.01	0.01	0.013	< 0.005	< 0.01	0.016
Copper, Total (Ave)	gr/D	< 4.71	4.14	5.14	3.633	3.9	4.86
Copper, Total (Ave)	mg/L	< 0.012	0.013	0.016	0.011	0.012	0.017
Copper, Total (Max)	gr/D	6.46	4.99	6.09	5.064	4.32	8.5
Copper, Total (Max)	mg/L	0.016	0.016	0.02	0.015	0.013	0.031
Cyanide, Total	gr/D	< 1.21	< 1.05	< 0.92	< 0.935	< 0.94	< 0.92
Cyanide, Total	mg/L	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Cyanide, Total (Ave)	gr/D	< 1.21	< 1.05	< 0.92	< 0.935	< 0.94	< 0.92
Cyanide, Total (Ave)	mg/L	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Cyanide, Total (Max)	gr/D	< 1.21	< 1.05	< 0.92	< 0.935	< 0.94	< 0.92
Cyanide, Total (Max)	mg/L	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Flow Rate, Average Daily (Ave)	GPD	95,056	80,667	76,480	81,552	82,461	67,960
Flow Rate, Average Daily (Max)	GPD	127,950	107,820	108,120	98,790	95,620	107,800
Fluoride, Total (Ave)	mg/L	2.49	1.49	1.3	1.14	0.84	0.62
Fluoride, Total (Max)	mg/L	6.08	2.06	1.59	1.23	1.32	0.76
Iron, Total (Ave)	mg/L	0.03	0.04	0.04	0.03	0.02	0.02
Iron, Total (Max)	mg/L	0.05	0.05	0.05	0.04	0.03	0.03
Lead, Total (Ave)	gr/D	< 0.71	< 0.58	0.38	0.77	< 0.59	< 0.49
Lead, Total (Ave)	mg/L	< 0.0019	< 0.0018	0.0013	0.0004	< 0.0018	< 0.0018

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Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	June 2000	Jul-00	Aug-00	Sep-00
Lead, Total (Max)	gr/D	< 1.66	< 1.71	< 0.69	< 0.72	< 0.95	< 0.97	< 0.92	< 0.94	< 0.79
Lead, Total (Max)	mg/L	< 0.005	< 0.005	< 0.0018	< 0.0018	< 0.0018	< 0.0018	0.0021	< 0.0018	< 0.0018
Nickel, Total (Ave)	mg/L	0.065	0.051	0.062	0.041	0.04	0.06	0.05	0.05	0.04
Nickel, Total (Max)	mg/L	0.075	0.058	0.08	0.05	0.05	0.09	0.05	0.06	0.05
Oil & Gas Freon Extr-G (Ave)	mg/L	< 2.8	< 2.4	< 0.9	< 0.9	< 1.8	< 1.9	< 1.1	< 1.9	< 0.7
Oil & Gas Freon Extr-G (Max)	mg/L	< 2.8	< 2.8	< 1.1	1.6	5.5	5.2	1.7	3.3	0.9
P/F Stat 48 Hr Acu D.	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Pimephales	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
pH (Max)	SU	7.8	7.9	8	7.8	8.1	8	8	8	8.1
pH (Min)	SU	6.8	7	7.1	7	7.2	7.2	7.1	7	7.2
pH Monthly (Max)	SU	8.8	8.2	8.1	8.1	8.3	8.2	8	8.2	8.2
pH Monthly (Min)	SU	6.8	6.8	6.9	7	7.1	7	7	7	7.1
Silver, Total	gr/D	< 0.315	0.358	0.568	0.195	< 0.416	0.53	0.3949	0.763	0.5429
Silver, Total	mg/L	< 0.001	0.0011	0.0017	0.0005	< 0.001	0.0011	0.0007	0.0015	0.0014
Silver, Total (Ave)	gr/D	< 0.315	0.358	0.568	0.195	< 0.416	0.53	0.3949	0.763	0.5429
Silver, Total (Ave)	mg/L	< 0.001	0.0011	0.0017	0.0005	< 0.001	0.0011	0.0007	0.0015	0.0014
Silver, Total (Max)	gr/D	< 0.315	0.358	0.568	0.195	< 0.416	0.53	0.3949	0.763	0.5429
Silver, Total (Max)	mg/L	< 0.001	0.0011	0.0017	0.0005	< 0.001	0.0011	0.0007	0.0015	0.0014
Solids, Total Suspended (Ave)	mg/L	< 4.5	4.6	4.6	3.45	2.04	3.55	5.3	3.92	4.5
Solids, Total Suspended (Max)	mg/L	7	6.6	5	4.4	2.6	5	7	6.6	6
Temperature, Degrees F (Max)	Deg F	56	57	63	62	73	78	76	77	75
Tin, Total (Ave)	mg/L	< 0.25	< 0.22	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tin, Total (Max)	mg/L	< 0.25	< 0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total (Ave)	mg/L	< 0.005	< 0.004	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Titanium, Total (Max)	mg/L	< 0.005	< 0.005	0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total (Ave)	gr/D	< 3.93	< 2.94	1.84	< 3.28	< 4.33	< 4.86	8.29	< 11.33	< 6.09
Zinc, Total (Ave)	mg/L	< 0.012	< 0.009	0.005	< 0.009	< 0.01	< 0.01	0.017	< 0.023	< 0.015
Zinc, Total (Max)	gr/D	5.33	< 3.41	2.3	< 6.03	< 5.27	< 5.37	9.16	28.7	< 6.57
Zinc, Total (Max)	mg/L	0.017	< 0.01	0.006	< 0.015	< 0.01	0.011	0.021	0.055	< 0.015

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Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-00	Feb-00	Mar-00
Lead, Total (Max)	gr/D	0.81	0.63	1.07	0.61	< 0.6	< 0.55
Lead, Total (Max)	mg/L	0.002	< 0.0018	0.0035	0.0018	< 0.0018	< 0.0018
Nickel, Total (Ave)	mg/L	0.043	0.041	0.039	0.023	0.035	0.035
Nickel, Total (Max)	mg/L	0.07	0.062	0.05	0.025	0.045	0.047
Oil & Gas Freon Extr-G (Ave)	mg/L	< 0.8	5.5	0.6	0.6	0.6	0.3
Oil & Gas Freon Extr-G (Max)	mg/L	0.9	17:1	1.2	1.3	2.4	1.2
P/F Stat 48 Hr Acu D.	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Pimephales	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
pH (Max)	SU	8.2	8	7.8	8.1	8.2	8.2
pH (Min)	SU	7	7.2	7.2	7.3	7.2	7.1
pH Monthly (Max)	SU	8.2	8	8	8.4	8.2	8.4
pH Monthly (Min)	SU	7	7.1	6.8	7	7.1	7
Silver, Total	gr/D	0.242	0.246	0.092	1.216	0.219	0.184
Silver, Total	mg/L	0.0006	0.0007	0.0003	0.0039	0.0007	0.0006
Silver, Total (Ave)	gr/D	0.242	0.246	0.092	1.216	0.219	0.184
Silver, Total (Ave)	mg/L	0.0006	0.0007	0.0003	0.0039	0.0007	0.0006
Silver, Total (Max)	gr/D	0.242	0.246	0.092	1.216	0.219	0.184
Silver, Total (Max)	mg/L	0.0006	0.0007	0.0003	0.0039	0.0007	0.0006
Solids, Total Suspended (Ave)	mg/L	3.56	3.54	3.8	3.08	3.2	4.8
Solids, Total Suspended (Max)	mg/L	8.4	4.6	4.8	4.6	5.4	7
Temperature, Degrees F (Max)	Deg F	67	61	56	53	54	56
Tin, Total (Ave)	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tin, Total (Max)	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total (Ave)	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Titanium, Total (Max)	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total (Ave)	gr/D	< 5.74	< 5.04	< 3.18	< 3.18	< 3.26	< 2.74
Zinc, Total (Ave)	mg/L	< 0.015	< 0.016	< 0.01	< 0.01	< 0.01	< 0.01
Zinc, Total (Max)	gr/D	< 6.63	5.56	< 4.09	< 3.38	< 3.32	< 3.07
Zinc, Total (Max)	mg/L	< 0.015	0.018	< 0.01	< 0.01	< 0.01	< 0.01

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Parameter	Units	04-Jan-00	11-Jan-00	18-Jan-00	25-Jan-00	01-Feb-00	08-Feb-00	15-Feb-00	22-Feb-00	29-Feb-00	07-Mar-00
Aluminum, Total	gr/D	328.16	317.345	197.277	209.502	213.87	307.43	232.94	215.36	223.46	259.37
Aluminum, Total	mg/L	1	0.957	0.626	0.668	0.689	0.945	0.706	0.631	0.68	0.81
Chlorine, Total Residual	mg/L	0.04-0.05	0.0-0.04	0.03-0.05	0.03-0.04	0.01-0.03	0.04-0.07	0.01-0.04	0.00-0.03	0.00-0.03	0.01-0.04
Copper, Total	gr/D	23.299	10.28	6.618	10.35	7.14	6.51	6.6	7.17	4.6	8.97
Copper, Total	mg/L	0.071	0.031	0.021	0.033	0.023	0.02	0.02	0.021	0.014	0.028
Flow Rate, Average Daily	GPD	86,700	87,610	83,260	82,860	82,010	85,950	87,170	90,170	86,820	84,600
Fluoride, Total	mg/L	0.61	0.66	0.76	0.66	0.83	0.8	0.71	0.58	0.65	0.57
Iron, Total	mg/L	0.102	0.144	0.1	0.14	0.071	0.08	0.123	0.067	0.04	0.09
Lead, Total	gr/D	< 1.64	< 1.66	< 1.58	< 1.57	< 1.55	< 1.63	< 1.65	< 1.71	< 0.59	< 0.58
Lead, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0018	< 0.0018
Nickel, Total	mg/L	0.06	0.075	0.051	0.075	0.049	0.048	0.048	0.058	0.05	0.08
Oil & Gas Freon Extr-G	mg/L	< 2.8	< 2.7	< 2.8	--	< 2.8	< 2.8	< 2.8	< 0.8	--	0.9
pH	SU	7.3-7.8	7.1-7.8	7.0-7.7	6.8-7.6	7.2-7.9	7.0-7.6	7.2-7.5	7.2-7.6	7.1-7.5	7.3-7.8
Solids, Total Suspended	mg/L	7	6.6	3.4	< 1	3.2	6.6	4.8	4.6	4	4.6
Temperature, Degrees F	Deg F	56	56	46	47	52	51	56	56	57	58
Tin, Total	mg/L	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.1	< 0.1
Titanium, Total	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002	< 0.002
Zinc, Total	gr/D	3.94	< 3.32	< 3.15	5.33	< 3.1	< 3.25	< 3.3	< 3.41	1.64	1.92
Zinc, Total	mg/L	0.012	< 0.01	< 0.01	0.017	< 0.01	< 0.01	< 0.01	< 0.01	0.005	0.006

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Parameter	Units	14-Mar-00	21-Mar-00	28-Mar-00	04-Apr-00	11-Apr-00	18-Apr-00	25-Apr-00	02-May-00	10-May-00	16-May-00
Aluminum, Total	gr/D	244.06	254.38	161.12	315.87	325.84	139.54	284.5	228.89	195.12	176.56
Aluminum, Total	mg/L	0.73	0.71	0.42	0.81	0.81	0.42	0.75	0.55	0.37	0.47
Chlorine, Total Residual	mg/L	0.00-0.00	0.01-0.08	0.00-0.00	0.00-0.04	0.00-0.05	0.00-0.02	0.00-0.04	0.00-0.00	0.00-0.02	0.01-0.04
Copper, Total	gr/D	7.36	7.17	5.37	6.63	7.24	3.32	5.69	4.16	8.97	6.39
Copper, Total	mg/L	0.022	0.02	0.014	0.017	0.018	0.01	0.015	0.01	0.017	0.017
Flow Rate, Average Daily	GPD	88,330	94,660	101,350	103,030	106,280	87,780	100,220	109,950	139,330	99,250
Fluoride, Total	mg/L	0.65	0.68	0.73	0.77	0.86	0.7	0.98	0.82	0.99	0.92
Iron, Total	mg/L	0.14	0.08	0.05	0.03	0.04	0.03	0.053	0.034	0.02	0.05
Lead, Total	gr/D	< 0.6	< 0.64	< 0.69	< 0.7	< 0.72	< 0.6	< 0.68	< 0.75	< 0.95	< 0.68
Lead, Total	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Nickel, Total	mg/L	0.06	0.05	0.057	0.05	0.046	0.04	0.026	0.032	0.03	0.04
Oil & Gas Freon Extr-G	mg/L	0.9	< 0.6	< 1.1	1.6	< 0.6	< 0.6	< 0.6	< 0.6	1	1.2
pH	SU	7.1-7.7	7.3-7.8	7.2-8.0	7.5-7.8	7.0-7.5	7.4-7.8	7.2-7.6	7.3-7.9	7.6-8.1	7.2-8.0
Solids, Total Suspended	mg/L	4.2	5	4.6	4.4	4.2	2	3.2	1.8	1.6	2.6
Temperature, Degrees F	Deg F	58	57	63	62	60	62	60	64	73	66
Tin, Total	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total	mg/L	0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	gr/D	1	2.15	2.3	1.95	< 6.03	1.33	< 3.79	< 4.16	< 5.27	< 3.76
Zinc, Total	mg/L	0.003	0.006	0.006	0.005	< 0.015	0.004	< 0.01	< 0.01	< 0.01	< 0.01

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Parameter	Units	23-May-00	30-May-00	06-Jun-00	13-Jun-00	20-Jun-00	27-Jun-00	05-Jul-00	11-Jul-00	18-Jul-00	25-Jul-00
Aluminum, Total	gr/D	291.32	187.91	223.6	386.4	242.84	187.97	270.64	231.32	287.83	311.18
Aluminum, Total	mg/L	0.64	0.48	0.5	0.8	0.56	0.35	0.61	0.41	0.66	0.56
Chlorine, Total Residual	mg/L	0.02-0.04	0.01-0.02	0.00-0.03	0.04-0.05	0.00-0.03	0.05-0.07	0.01-0.01	0.00-0.01	0.01-0.01	0.00-0.01
Copper, Total	gr/D	6.37	5.48	8.05	16.91	18.65	11.82	13.31	13.541	23.986	19.449
Copper, Total	mg/L	0.014	0.014	0.018	0.035	0.043	0.022	0.03	0.024	0.055	0.035
Flow Rate, Average Daily	GPD	120,260	103,430	118,150	127,610	114,570	141,890	117,220	149,060	115,220	146,810
Fluoride, Total	mg/L	1.21	0.81	0.93	1.9	1.41	1.29	0.57	0.88	1.09	0.39
Iron, Total	mg/L	0.06	0.02	0.04	0.02	0.03	0.02	0.04	0.03	0.05	0.02
Lead, Total	gr/D	< 0.82	< 0.7	< 0.8	< 0.87	< 0.78	< 0.97	< 0.8	< 1.02	< 0.92	< 1
Lead, Total	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	0.0021	< 0.0018
Nickel, Total	mg/L	0.05	0.05	0.09	0.05	0.04	0.04	0.03	0.05	0.05	0.05
Oil & Gas Freon Extr-G	mg/L	5.5	--	5.2	0.7	0.6	< 1	1	1.7	< 0.6	< 0.6
pH	SU	7.2-7.8	7.5-8.0	7.2-7.8	7.5-7.9	7.2-7.7	7.6-8.0	7.6-8.0	7.1-7.8	7.3-7.7	7.4-7.8
Solids, Total Suspended	mg/L	2.4	1.8	5	3.2	3.6	2.4	3.2	5.2	7	5.8
Temperature, Degrees F	Deg F	65	68	69	71	72	78	76	74	76	74
Tin, Total	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	gr/D	< 4.55	< 3.91	< 4.47	< 4.83	< 4.77	< 5.37	6.66	9.03	9.16	8.34
Zinc, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	0.015	0.016	0.021	0.015

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Parameter	Units	01-Aug-00	08-Aug-00	15-Aug-00	22-Aug-00	29-Aug-00	05-Sep-00	12-Sep-00	19-Sep-00	26-Sep-00	03-Oct-00
Aluminum, Total	gr/D	305.97	239.02	213.94	323.43	273.16	298.61	214.77	244.56	237.42	379.7
Aluminum, Total	mg/L	0.61	0.47	0.41	0.72	0.58	0.77	0.49	0.63	0.58	0.94
Chlorine, Total Residual	mg/L	0.00-0.01	0.01-0.02	0.01-0.02	0.02-0.03	0.00-0.01	0.04-0.05	0.03-0.05	0.00-0.00	0.00-0.00	0.02-0.03
Copper, Total	gr/D	25.08	13.22	14.09	10.33	16.95	17.06	11.83	10.87	9.82	6.46
Copper, Total	mg/L	0.05	0.026	0.027	0.023	0.036	0.044	0.027	0.028	0.024	0.016
Flow Rate, Average Daily	GPD	132,520	134,360	137,860	118,680	124,430	102,460	115,800	102,560	108,150	106,720
Fluoride, Total	mg/L	0.5	0.4	0.42	0.41	0.39	3.81	0.35	0.3	0.35	2.21
Iron, Total	mg/L	0.05	0.02	0.02	0.02	0.02	0.07	0.01	0.06	0.03	0.05
Lead, Total	gr/D	< 0.9	< 0.92	< 0.94	0.81	< 0.85	< 0.7	< 0.79	< 0.7	< 0.74	0.81
Lead, Total	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	0.002
Nickel, Total	mg/L	0.06	0.05	0.05	0.04	0.06	0.04	0.03	0.03	0.05	0.07
Oil & Gas Freon Extr-G	mg/L	< 1	< 0.6	3.2	3.3	--	< 0.6	0.9	< 0.6	< 0.6	0.7
pH	SU	7.0-8.0	7.2-7.7	7.2-7.9	7.4-7.8	7.3-7.9	7.5-8.0	7.4-8.1	7.2-7.9	7.2-7.9	7.0-8.2
Solids, Total Suspended	mg/L	6.6	1.6	2.8	5	3.6	4	3.2	6	4.8	8.4
Temperature, Degrees F	Deg F	71	77	71	72	74	72	75	72	68	67
Tin, Total	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	gr/D	8.03	6.1	28.7	< 6.74	< 7.06	< 5.82	< 6.57	< 5.82	< 6.14	< 6.06
Zinc, Total	mg/L	0.016	0.012	0.055	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015

Table 37

NPDES Parameters Reported Weekly
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Sample Site 101.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	10-Oct-00	17-Oct-00	24-Oct-00	31-Oct-00	08-Nov-00	14-Nov-00	21-Nov-00	28-Nov-00	05-Dec-00	12-Dec-00
Aluminum, Total	gr/D	233.56	305.12	161.79	106.95	238.69	213.24	188.4	355.85	288.4	325.62
Aluminum, Total	mg/L	0.69	0.69	0.39	0.34	0.68	0.69	0.61	1.14	0.94	1.07
Chlorine, Total Residual	mg/L	0.02-0.03	0.01-0.02	0.00-0.03	0.00-0.02	0.00-0.02	0.00-0.00	0.02-0.02	0.00-0.01	0.00-0.02	0.00-0.01
Copper, Total	gr/D	4.06	5.75	4.15	< 3.15	3.86	3.71	4.02	4.99	5.22	6.09
Copper, Total	mg/L	0.012	0.013	0.01	< 0.01	0.011	0.012	0.013	0.016	0.017	0.02
Flow Rate, Average Daily	GPD	89,430	116,830	109,600	83,110	92,740	81,650	81,600	82,470	81,060	80,400
Fluoride, Total	mg/L	2.27	6.08	0.78	1.12	1.41	2.06	1.17	1.32	1.13	1.1
Iron, Total	mg/L	0.02	0.03	0.03	0.022	0.04	0.03	0.05	0.03	0.05	0.04
Lead, Total	gr/D	0.64	< 0.8	< 0.75	< 0.57	0.63	0.56	0.56	0.56	1.07	< 0.55
Lead, Total	mg/L	0.0019	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	0.0035	< 0.0018
Nickel, Total	mg/L	0.03	0.04	0.039	0.037	0.036	0.025	0.062	0.04	0.05	0.04
Oil & Gas Freon Extr-G	mg/L	< 0.6	0.9	< 0.9	--	0.9	17.1	< 0.6	3.9	1.1	1.2
pH	SU	7.6-7.8	7.2-7.9	7.2-7.7	7.2-7.6	7.4-7.8	7.2-7.9	7.2-7.8	7.7-8.0	7.2-7.7	7.3-7.8
Solids, Total Suspended	mg/L	3	3.8	1.4	1.2	4.6	3.14	4	2.4	4.8	4.6
Temperature, Degrees F	Deg F	64	64	62	58	60	61	58	56	53	54
Tin, Total	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	gr/D	< 5.08	< 6.63	< 6.22	< 4.72	< 5.27	< 4.64	5.56	< 4.68	< 3.07	< 3.04
Zinc, Total	mg/L	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	0.018	< 0.015	< 0.01	< 0.01

Table 37

NPDES Parameters Reported Weekly
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Sample Site 101.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	19-Dec-00	26-Dec-00	03-Jan-01	09-Jan-01	17-Jan-01	23-Jan-01	30-Jan-01	07-Feb-01	13-Feb-01	21-Feb-01
Aluminum, Total	gr/D	298.74	188.44	158.96	381.47	267.96	253.02	319.16	362.49	255.39	349.02
Aluminum, Total	mg/L	0.73	0.75	0.51	1.13	0.84	0.81	1.04	1.16	0.77	1.05
Chlorine, Total Residual	mg/L	0.00-0.01	0.03-0.05	0.01-0.04	0.02-0.03	0.00-0.01	0.01-0.01	0.00-0.02	0.00-0.01	0.00-0.02	0.01-0.02
Copper, Total	gr/D	5.73	3.52	4.675	5.064	2.552	2.499	3.376	4.06	3.32	4.32
Copper, Total	mg/L	0.014	0.014	0.015	0.015	0.008	0.008	0.011	0.013	0.01	0.013
Flow Rate, Average Daily	GPD	108,120	66,380	82,350	89,190	84,280	82,530	81,080	82,560	87,630	87,820
Fluoride, Total	mg/L	1.38	1.59	1.05	1.22	1.15	1.23	1.07	1.32	0.77	0.73
Iron, Total	mg/L	0.03	0.03	0.02	0.04	0.02	0.03	0.02	0.02	0.02	0.03
Lead, Total	gr/D	< 0.74	0.45	< 1.56	0.61	< 0.57	< 0.56	< 0.5524	< 0.56	< 0.6	< 0.6
Lead, Total	mg/L	< 0.0018	0.0018	< 0.005	0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Nickel, Total	mg/L	0.035	0.031	0.025	0.021	0.025	0.021	0.023	0.032	0.027	0.034
Oil & Gas Freon Extr-G	mg/L	< 0.6	< 0.6	< 0.6	0.6	1.1	1.3	--	2.4	< 0.6	< 0.6
pH	SU	7.4-7.8	7.4-7.6	7.6-8.1	7.4-7.9	7.6-8.0	7.3-8.0	7.3-7.9	7.6-8.0	7.2-8.0	7.4-8.0
Solids, Total Suspended	mg/L	2.8	3	< 2	4.6	3.4	3.4	4	2.8	2.8	1.8
Temperature, Degrees F	Deg F	56	50	44	51	53	49	53	50	52	53
Tin, Total	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	gr/D	< 4.09	< 2.51	< 3.12	< 3.38	< 3.19	< 3.12	< 3.07	< 3.12	< 3.32	< 3.32
Zinc, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table 37

 NPDES Parameters Reported Weekly
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 Pratt Whitney
 North Haven, CT

Parameter	Units	Sample Site 101.1.1				
		27-Feb-01	08-Mar-01	13-Mar-01	20-Mar-01	27-Mar-01
Aluminum, Total	gr/D	341.9	367.46	279.34	241.22	155.06
Aluminum, Total	mg/L	1.05	1.34	0.91	0.81	0.72
Chlorine, Total Residual	mg/L	0.01-0.02	0.00-0.02	0.01-0.03	0.00-0.01	0.01-0.02
Copper, Total	gr/D	3.91	8.5	7.06	3.87	< 2.15
Copper, Total	mg/L	0.012	0.031	0.023	0.013	< 0.01
Flow Rate, Average Daily	GPD	86,030	72,450	81,100	78,680	56,900
Fluoride, Total	mg/L	0.54	0.76	0.53	0.6	0.57
Iron, Total	mg/L	0.01	0.03	0.03	0.01	0.02
Lead, Total	gr/D	< 0.59	< 0.49	< 0.55	< 0.54	< 0.39
Lead, Total	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Nickel, Total	mg/L	0.045	0.041	0.047	0.029	0.021
Oil & Gas Freon Extr-G	mg/L	< 0.8	< 0.6	1.2	< 0.6	< 0.9
pH	SU	7.4-8.2	7.4-8.2	7.2-7.9	7.3-7.8	7.1-8.1
Solids, Total Suspended	mg/L	5.4	< 6.2	7	3.4	2.6
Temperature, Degrees F	Deg F	54	49	52	56	53
Tin, Total	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Titanium, Total	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Zinc, Total	gr/D	< 3.26	< 2.74	< 3.07	< 2.98	< 2.15
Zinc, Total	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Table 38

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 105.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Bis (2-Ethylhexyl) Phthalate	mg/L	< 0.01	--	< 0.001	< 0.0009	< 0.001	< 1	< 0.001	< 0.001	< 0.0001
Bis (2-Ethylhexyl) Phthalate (Ave)	mg/L	< 0.01	--	< 0.001	< 0.0009	< 0.001	< 1	< 0.001	< 0.001	< 0.0001
Bis (2-Ethylhexyl) Phthalate (Max)	mg/L	< 0.01	--	< 0.001	< 0.0009	< 0.001	< 1	< 0.001	< 0.001	< 0.0001
Chlorine, Total Residual	mg/L	0.004	--	0.03	0.04	0.03	0.02	0.01	0.02	0
Chlorine, Total Residual (Ave)	mg/L	0.004	--	0.03	0.04	0.03	0.02	0.01	0.02	0
Chlorine, Total Residual (Max)	mg/L	0.004	--	0.03	0.04	0.03	0.02	0.01	0.02	0
Copper, Total	mg/L	0.021	--	0.065	0.012	0.017	0.02	0.03	0.011	0.011
Copper, Total (Ave)	mg/L	0.021	--	0.039	0.012	0.017	0.02	0.03	0.011	0.011
Copper, Total (Max)	mg/L	0.021	--	0.065	0.012	0.017	0.02	0.03	0.011	0.011
Flow Rate, Average Daily (Ave)	GPD	43,525	44,878	65,551	56,365	96,830	60,997	42,637	70,882	122,685
Flow Rate, Average Daily (Max)	GPD	217,484	58,302	165,028	77,114	224,045	99,287	84,765	104,268	188,424
Lead, Total	mg/L	< 0.005	--	< 0.0008	< 0.0008	< 0.0008	< 0.005	< 0.005	< 0.0018	< 0.0008
Lead, Total (Ave)	mg/L	< 0.005	--	< 0.0008	< 0.0008	< 0.0008	< 0.005	< 0.005	< 0.0018	< 0.0008
Lead, Total (Max)	mg/L	< 0.005	--	< 0.0008	< 0.0008	< 0.0008	< 0.005	< 0.005	< 0.0018	< 0.0008
Nickel, Total	mg/L	< 0.025	--	0.01	0.012	0.02	0.07	0.12	0.04	0.02
Nickel, Total (Ave)	mg/L	< 0.025	--	< 0.01	0.012	0.02	0.07	0.12	0.04	0.02
Nickel, Total (Max)	mg/L	< 0.025	--	0.01	0.012	0.02	0.07	0.12	0.04	0.02
Nitrogen Ammonia Total	mg/L	< 0.1	--	0.11	0.1	< 0.1	0.09	0.1	< 0.1	0.13
Nitrogen Ammonia Total (Ave)	mg/L	< 0.1	--	0.11	0.1	< 0.1	0.09	0.1	< 0.1	0.13
Nitrogen Ammonia Total (Max)	mg/L	< 0.1	--	0.11	0.1	< 0.1	0.09	0.1	< 0.1	0.13
Oil & Gas Freon Extr-G	mg/L	< 5	--	< 1.1	< 1.9	< 1.9	< 1.9	< 1.1	2.2	< 1.9
Oil & Gas Freon Extr-G (Ave)	mg/L	< 5	--	< 1.5	< 1.9	< 1.9	< 1.9	< 1.1	2.2	< 1.9
Oil & Gas Freon Extr-G (Max)	mg/L	< 5	--	< 1.9	< 1.9	< 1.9	< 1.9	< 1.1	2.2	< 1.9
Organics, Total Toxic	mg/L	--	--	--	--	0.0035	--	--	0.0042	--
Organics, Total Toxic (Ave)	mg/L	--	--	--	--	0.0035	--	--	--	--
Organics, Total Toxic (Max)	mg/L	--	--	--	--	0.0035	--	--	0.0042	--
P/F Stat 48 Hr Acu D.	P/F	--	--	Fail	Fail	Fail	Fail	Fail	Pass	Fail
P/F Stat 48 Hr Acu D. (Ave)	P/F	--	--	Fail	Fail	Fail	Fail	Fail	Pass	Fail
P/F Stat Acu Pimephales	P/F	--	--	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Pimephales (Ave)	P/F	--	--	Pass	Pass	Pass	Fail	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul	P/F	--	--	Fail	Fail	Fail	Fail	Fail	Pass	Fail
P/F Stat Chr Daphnia Pul (Ave)	P/F	--	--	Fail	Fail	Fail	Fail	Fail	Pass	Fail
P/F Stat Chr Pimephales	P/F	--	--	Pass	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	--	--	Pass	Pass	Pass	Fail	Pass	Pass	Pass
pH	SU	7.64	--	8.1	7.6	7.47	7.44	7.4	7.9	7.27
pH (Max)	SU	7.64	--	8.1	7.6	7.47	7.44	7.4	7.9	7.27
pH (Min)	SU	7.64	--	8	7.6	7.47	7.44	7.4	7.9	7.27
Solids, Total Suspended	mg/L	< 1	--	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Solids, Total Suspended (Ave)	mg/L	< 1	--	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Solids, Total Suspended (Max)	mg/L	< 1	--	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 38

 NPDES Parameters Reported Monthly
 January 2000 - March 2001

 Pratt Whitney
 North Haven, CT

Sample Site 105.1.1

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Bis (2-Ethylhexyl) Phthalate	mg/L	< 0.001	< 0.001	< 0.0009	< 0.0009	--	< 0.0009
Bis (2-Ethylhexyl) Phthalate (Ave)	mg/L	< 0.001	< 0.001	< 0.00098	< 0.0009	--	< 0.0009
Bis (2-Ethylhexyl) Phthalate (Max)	mg/L	< 0.001	< 0.001	< 0.0009	< 0.0009	--	< 0.0009
Chlorine, Total Residual	mg/L	0	0.02	0.02	0	--	0.01
Chlorine, Total Residual (Ave)	mg/L	0	0.02	0.02	0	--	0.01
Chlorine, Total Residual (Max)	mg/L	0	0.02	0.02	0	--	0.01
Copper, Total	mg/L	0.006	0.009	0.01	0.009	--	< 0.005
Copper, Total (Ave)	mg/L	0.006	0.009	0.01	0.009	--	< 0.005
Copper, Total (Max)	mg/L	0.006	0.009	0.01	0.009	--	< 0.005
Flow Rate, Average Daily (Ave)	GPD	129,701	78,573	115,345	68,803	70,395	110,350
Flow Rate, Average Daily (Max)	GPD	188,747	130,198	263,623	112,356	71,536	169,566
Lead, Total	mg/L	< 0.0008	< 0.0008	< 0.0008	0.0046	--	< 0.0008
Lead, Total (Ave)	mg/L	< 0.0008	< 0.0008	< 0.0008	0.0046	--	< 0.0008
Lead, Total (Max)	mg/L	< 0.0008	< 0.0008	< 0.0008	0.0046	--	< 0.0008
Nickel, Total	mg/L	0.01	0.01	0.011	0.024	--	< 0.01
Nickel, Total (Ave)	mg/L	0.01	0.01	0.011	0.024	--	< 0.01
Nickel, Total (Max)	mg/L	0.01	0.01	0.011	0.024	--	< 0.01
Nitrogen Ammonia Total	mg/L	0.24	0.15	0.12	0.08	--	< 0.05
Nitrogen Ammonia Total (Ave)	mg/L	0.24	0.15	0.12	0.08	--	< 0.05
Nitrogen Ammonia Total (Max)	mg/L	0.24	0.15	0.12	0.08	--	< 0.05
Oil & Gas Freon Extr-G	mg/L	< 2.2	6.5	< 1	< 3.2	--	< 1.2
Oil & Gas Freon Extr-G (Ave)	mg/L	< 2.2	6.5	< 1	< 3.2	--	< 1.2
Oil & Gas Freon Extr-G (Max)	mg/L	< 2.2	6.5	< 1	< 3.2	--	< 1.2
Organics, Total Toxic	mg/L	--	0.0034	--	--	0.0127	0.0127
Organics, Total Toxic (Ave)	mg/L	--	--	--	--	0.0127	0.0127
Organics, Total Toxic (Max)	mg/L	--	0.0034	--	--	0.0127	0.0127
P/F Stat 48 Hr Acu D.	P/F	Fail	Fail	Fail	Pass	Fail	Fail
P/F Stat 48 Hr Acu D. (Ave)	P/F	Fail	Fail	Fail	Pass	Fail	Fail
P/F Stat Acu Pimephales	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul	P/F	Fail	Fail	Fail	Pass	Fail	Fail
P/F Stat Chr Daphnia Pul (Ave)	P/F	Fail	Fail	Fail	Pass	Fail	Fail
P/F Stat Chr Pimephales	P/F	Pass	Pass	Pass	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	Pass	Pass	Pass	Pass
pH	SU	7.2	7.6	6.9	7.17	--	7
pH (Max)	SU	7.2	7.6	6.9	7.17	--	7
pH (Min)	SU	7.2	7.6	6.9	7.17	--	7
Solids, Total Suspended	mg/L	< 1	< 1	< 1	11.4	--	< 1
Solids, Total Suspended (Ave)	mg/L	< 1	< 1	< 1	11.4	--	< 1
Solids, Total Suspended (Max)	mg/L	< 1	< 1	< 1	11.4	--	< 1

Table 38

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 105.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Surfactants (MBAs)	mg/L	< 0.05	--	< 0.011	--	< 0.011	--	--	0.19	< 0.011
Surfactants (MBAs) (Ave)	mg/L	< 0.05	--	< 0.011	--	< 0.011	--	--	0.19	< 0.011
Surfactants (MBAs) (Max)	mg/L	< 0.05	--	< 0.011	--	< 0.011	--	--	0.19	< 0.011
Temperature, Degrees F	Deg F	56	--	58	60	64	62	65	65	62
Temperature, Degrees F (Max)	Deg F	56	--	58	60	64	62	65	65	62
Zinc, Total	mg/L	0.044	--	0.022	< 0.015	0.023	0.022	0.067	0.026	0.022
Zinc, Total (Ave)	mg/L	0.044	--	0.019	< 0.015	0.023	0.022	0.067	0.026	0.022
Zinc, Total (Max)	mg/L	0.044	--	0.022	< 0.015	0.023	0.022	0.067	0.026	0.022

Table 38

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 105.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Surfactants (MBAs)	mg/L	< 0.011	< 0.011	0.011	0.02	--	< 0.05
Surfactants (MBAs) (Ave)	mg/L	< 0.011	< 0.011	< 0.011	0.02	--	< 0.05
Surfactants (MBAs) (Max)	mg/L	< 0.011	< 0.011	0.011	0.02	--	< 0.05
Temperature, Degrees F	Deg F	63	61	57	52	--	55
Temperature, Degrees F (Max)	Deg F	63	61	57	52	--	55
Zinc, Total	mg/L	0.011	0.013	0.012	0.033	--	< 0.01
Zinc, Total (Ave)	mg/L	0.011	0.013	0.012	0.033	--	< 0.01
Zinc, Total (Max)	mg/L	0.011	0.013	0.012	0.033	--	< 0.01

Table 39

NPDES Parameters Reported Biannually
April 2000 - October 2000
Sample Site 106.1.1

Pratt Whitney
North Haven, CT

Parameter	Units	Apr-00	May-00	Oct-00
Bis (2-Ethylhexyl) Phthalate	mg/L	< 0.001	--	< 0.0019
Bis (2-Ethylhexyl) Phthalate (Ave)	mg/L	< 0.001	--	< 0.0019
Bis (2-Ethylhexyl) Phthalate (Max)	mg/L	< 0.001	--	< 0.0019
Chlorine, Total Residual	mg/L	0	0.01	0
Chlorine, Total Residual (Ave)	mg/L	0	0.01	0
Chlorine, Total Residual (Max)	mg/L	0	0.01	0
Copper, Total	mg/L	0.016	--	< 0.01
Copper, Total (Ave)	mg/L	0.016	--	< 0.01
Copper, Total (Max)	mg/L	0.016	--	< 0.01
Lead, Total	mg/L	0.0008	--	0.0012
Lead, Total (Ave)	mg/L	< 0.0008	--	0.0012
Lead, Total (Max)	mg/L	0.0008	--	0.0012
Nickel, Total	mg/L	0.02	--	0.01
Nickel, Total (Ave)	mg/L	0.02	--	0.01
Nickel, Total (Max)	mg/L	0.02	--	0.01
Nitrogen Ammonia Total	mg/L	0.22	--	0.26
Nitrogen Ammonia Total (Ave)	mg/L	0.22	--	0.26
Nitrogen Ammonia Total (Max)	mg/L	0.22	--	0.26
Oil & Gas Freon Extr-G	mg/L	< 1.9	--	< 2.8
Oil & Gas Freon Extr-G (Ave)	mg/L	< 1.9	--	< 2.8
Oil & Gas Freon Extr-G (Max)	mg/L	< 1.9	--	< 2.8
Organics, Total Toxic	mg/L	0.0035	--	0.0035
Organics, Total Toxic (Ave)	mg/L	0.0035	--	0.0035
Organics, Total Toxic (Max)	mg/L	0.0035	--	0.0035
P/F Stat 48 Hr Acu D.	P/F	Fail	Pass	Pass
P/F Stat 48 Hr Acu D. (Ave)	P/F	Fail	Pass	Pass
P/F Stat Acu Pimephales	P/F	Pass	Pass	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	Pass	Pass
P/F Stat Chr Daphnia Pul	P/F	Fail	Pass	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Fail	Pass	Pass
P/F Stat Chr Pimephales	P/F	Pass	Pass	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	Pass	Pass
pH	SU	7.6	6.7	7.5
pH (Max)	SU	7.6	6.7	7.5
pH (Min)	SU	7.6	6.7	7.5
Solids, Total Suspended	mg/L	< 1	--	1
Solids, Total Suspended (Ave)	mg/L	< 1	--	1
Solids, Total Suspended (Max)	mg/L	< 1	--	1
Surfactants (MBAs)	mg/L	< 0.011	--	0.49
Surfactants (MBAs) (Ave)	mg/L	< 0.011	--	0.49
Surfactants (MBAs) (Max)	mg/L	< 0.011	--	0.49
Temperature, Degrees F	Deg F	58	65	61
Temperature, Degrees F (Max)	Deg F	58	65	61
Zinc, Total	mg/L	0.023	--	0.024
Zinc, Total (Ave)	mg/L	0.023	--	0.024
Zinc, Total (Max)	mg/L	0.023	--	0.024

Table 40

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pratt Associates
Meriden, CT

Parameter	UNITS	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Benzene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene (Ave)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene (Max)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Copper, Total	µg/L	--	--	--	--	4	NA	NA	NA	NA
Copper, Total (Ave)	µg/L	--	--	--	--	4	NA	NA	NA	NA
Copper, Total (Max)	µg/L	--	--	--	--	4	NA	NA	NA	NA
Cyanide, Total	µg/L	--	--	--	--	< 10	NA	NA	NA	NA
Cyanide, Total (Ave)	µg/L	--	--	--	--	< 10	NA	NA	NA	NA
Cyanide, Total (Max)	µg/L	--	--	--	--	< 10	NA	NA	NA	NA
Duration of Daily Discharge	hr/D	24	24	24	24	24	24	24	24	24
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	7,500	11,400	NR	5,290	8,600	8,250	15,000	14,800	12,500
Flow Rate, Average Daily (Max)	GPD	7,500	11,400	NR	5,290	8,600	8,250	15,000	14,800	12,500
Flow, Day of Sampling	GPD	NA	12,690	7,040	6,000	5,200	10,800	15,800	12,900	10,190
Flow, Day of Sampling (Ave)	GPD	NA	12,690	7,040	6,000	5,200	10,800	15,800	12,900	10,190
Flow, Day of Sampling (Max)	GPD	NA	12,690	7,040	6,000	5,200	10,800	15,800	12,900	10,190
Nitrogen Ammonia Total	µg/L	320	430	440	290	400	140	250	150	160
Nitrogen Ammonia Total (Ave)	µg/L	320	430	440	290	400	140	250	150	160
Nitrogen Ammonia Total (Max)	µg/L	320	430	440	290	400	140	250	150	160
Oil & Grease Freon Extr-G	mg/L	< 1.4	< 1.4	1.6	1.5	< 1.4	< 1.6	2.4	< 1.6	< 1.4
Oil & Grease Freon Extr-G (Ave)	mg/L	< 1.4	< 1.4	1.6	1.5	< 1.4	< 1.6	2.4	< 1.6	< 1.4
Oil & Grease Freon Extr-G (Max)	mg/L	< 1.4	< 1.4	1.6	1.5	< 1.4	< 1.6	2.4	< 1.6	< 1.4
P/F Stat 48 Hr Acu D.	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat Acu Pimephales	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat Acu Pimephales (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Daphnia Pul	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Pimephales	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Pimephales (Ave)	P/F	Pass	NA	NA	Pass	NA	NA	Pass	NA	NA
pH (Max)	SU	8.36	8.41	8.49	8.33	8.4	8.15	8.1	8.1	7.92
pH (Min)	SU	8.25	8.25	8.28	8.29	8.21	7.98	7.94	7.94	7.84
Solids, Total Suspended	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Solids, Total Suspended (Ave)	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Solids, Total Suspended (Max)	mg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Temperature, Degrees F	Deg F	56	57	54	53	58	61.9	60	60	59
Temperature, Degrees F (Ave)	Deg F	56	57	54	53	58	61.9	60	60	59
Temperature, Degrees F (Max)	Deg F	56	57	54	53	58	61.9	60	60	59
Toluene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene (Ave)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene (Max)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table 40

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pratt Associates
Meriden, CT

Parameter	UNITS	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Benzene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Benzene (Ave)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Benzene (Max)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Copper, Total	µg/L	3	NA	NA	NA	NA	NA
Copper, Total (Ave)	µg/L	3	NA	NA	NA	NA	NA
Copper, Total (Max)	µg/L	3	NA	NA	NA	NA	NA
Cyanide, Total	µg/L	< 10	NA	NA	NA	NA	NA
Cyanide, Total (Ave)	µg/L	< 10	NA	NA	NA	NA	NA
Cyanide, Total (Max)	µg/L	< 10	NA	NA	NA	NA	NA
Duration of Daily Discharge	hr/D	24	24	24	24	24	24
Duration of Daily Discharge (Ave)	hr/D	24	24	24	24	24	24
Duration of Daily Discharge (Max)	hr/D	24	24	24	24	24	24
Flow Rate, Average Daily (Ave)	GPD	NA	NA	NA	NA	NA	NA
Flow Rate, Average Daily (Max)	GPD	NA	NA	NA	NA	NA	NA
Flow, Day of Sampling	GPD	5,500	7,100	7,600	2,450	2,600	1,640
Flow, Day of Sampling (Ave)	GPD	5,500	7,100	7,600	2,450	2,600	1,640
Flow, Day of Sampling (Max)	GPD	5,500	7,100	7,600	2,450	2,600	1,640
Nitrogen Ammonia Total	µg/L	200	280	360	330	240	170
Nitrogen Ammonia Total (Ave)	µg/L	200	280	360	330	240	170
Nitrogen Ammonia Total (Max)	µg/L	200	280	360	330	240	170
Oil & Grease Freon Extr-G	mg/L	< 1.6	< 1.4	1.5	2.6	2.3	< 1.8
Oil & Grease Freon Extr-G (Ave)	mg/L	< 1.6	< 1.4	1.5	2.6	2.3	< 1.8
Oil & Grease Freon Extr-G (Max)	mg/L	< 1.6	< 1.4	1.5	2.6	2.3	< 1.8
P/F Stat 48 Hr Acu D.	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat Acu Pimephales	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat Acu Pimephales (Ave)	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Daphnia Pul	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Pimephales	P/F	Pass	NA	NA	Pass	NA	NA
P/F Stat Chr Pimephales (Ave)	P/F	Pass	NA	NA	Pass	NA	NA
pH (Max)	SU	8.68	8.3	8.6	8.52	8.3	8.23
pH (Min)	SU	8.61	8.27	8.5	8.4	8.24	8.14
Solids, Total Suspended	mg/L	< 5	< 5	120	8	180	< 5
Solids, Total Suspended (Ave)	mg/L	< 5	< 5	120	8	180	< 5
Solids, Total Suspended (Max)	mg/L	< 5	< 5	120	8	180	< 5
Temperature, Degrees F	Deg F	50	46	37	44	40	43
Temperature, Degrees F (Ave)	Deg F	50	46	37	44	40	43
Temperature, Degrees F (Max)	Deg F	50	46	37	44	40	43
Toluene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Toluene (Ave)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Toluene (Max)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5

Table 40

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1

Pratt Associates
Meriden, CT

Parameter	UNITS	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
Xylene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (Ave)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (Max)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Zinc, Total	µg/L	--	--	--	--	--	--	--	--	--
Zinc, Total (Ave)	µg/L	--	--	--	--	< 5	NA	NA	NA	NA
Zinc, Total (Max)	µg/L	--	--	--	--	< 5	NA	NA	NA	NA

Table 40

NPDES Parameters Reported Monthly
January 2000 - March 2001
Sample Site 001.1.1Pratt Associates
Meriden, CT

Parameter	UNITS	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01
Xylene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (Ave)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (Max)	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
Zinc, Total	µg/L	< 5	NA	NA	NA	NA	NA
Zinc, Total (Ave)	µg/L	< 5	NA	NA	NA	NA	NA
Zinc, Total (Max)	µg/L	< 5	NA	NA	NA	NA	NA

Table 41

NPDES Parameters Measured Quarterly
May 2000 - October 2000
Sample Site 001.1.1

Tilcon Connecticut, Incorporated
New Britain, CT

Parameter	UNITS	May-00	Aug-00	Oct-00
Chlorine, Total Residual	mg/L	0.08	0.058	0.06
Chlorine, Total Residual (Max)	mg/L	0.08	0.17	0.15
Chlorine, Total Residual (Min)	mg/L	0	0.02	0
Copper, Total	mg/L	0.019	< 0.005	< 0.012
Copper, Total (Ave)	mg/L	0.019	< 0.005	< 0.012
Copper, Total (Max)	mg/L	0.019	< 0.005	< 0.012
Duration of Daily Discharge	hr/D	17	16.5	16.5
Duration of Daily Discharge (Ave)	hr/D	17	16.5	16.5
Duration of Daily Discharge (Max)	hr/D	17	16.5	16.5
Flow Rate, Instantaneous	GPM	210.6	210.6	210.6
Flow Rate, Instantaneous (Ave)	GPM	210.6	210.6	210.6
Flow Rate, Instantaneous (Max)	GPM	210.6	210.6	210.6
Flow, Day of Sampling	GPD	214,200	208,494	208,494
Flow, Day of Sampling (Ave)	GPD	214,200	208,494	208,494
Flow, Day of Sampling (Max)	GPD	214,200	208,494	208,494
Lead, Total	mg/L	0.004	0.01	< 0.002
Lead, Total (Ave)	mg/L	0.004	0.01	< 0.002
Lead, Total (Max)	mg/L	0.004	0.01	< 0.002
Nickel, Total	mg/L	< 0.02	< 0.02	< 0.02
Nickel, Total (Ave)	mg/L	< 0.02	< 0.02	< 0.02
Nickel, Total (Max)	mg/L	< 0.02	< 0.02	< 0.02
Nitrogen Ammonia Total	mg/L	0.15	< 0.1	< 0.1
Nitrogen Ammonia Total (Ave)	mg/L	0.15	< 0.1	< 0.1
Nitrogen Ammonia Total (Max)	mg/L	0.15	< 0.1	< 0.1
Oil & Grease Freon Extr-G	mg/L	< 1	< 1	< 1
Oil & Grease Freon Extr-G (Ave)	mg/L	< 1	< 1	< 1
Oil & Grease Freon Extr-G (Max)	mg/L	< 1	< 1	< 1
P/F Stat 48 Hr Acu D.	P/F	Pass	NA	Pass
P/F Stat 48 Hr Acu D. (Ave)	P/F	Pass	NA	Pass
P/F Stat Acu Pimephales	P/F	Pass	NA	Pass
P/F Stat Acu Pimephales (Ave)	P/F	Pass	NA	Pass
P/F Stat Chr Daphnia Pul	P/F	Pass	NA	Pass
P/F Stat Chr Daphnia Pul (Ave)	P/F	Pass	NA	Pass
P/F Stat Chr Pimephales	P/F	Pass	NA	Pass
P/F Stat Chr Pimephales (Ave)	P/F	Pass	NA	Pass
pH	SU	7.96-8.10	8.61	7.49
pH (Max)	SU	8.1	8.7	7.49
pH (Min)	SU	7.96	8.22	7.49
Solids, Total Suspended	mg/L	226	236	358
Solids, Total Suspended (Ave)	mg/L	226	236	358
Solids, Total Suspended (Max)	mg/L	226	236	358
Surfactants (MBAs)	mg/L	< 0.01	< 0.01	< 0.01
Surfactants (MBAs) (Ave)	mg/L	< 0.01	< 0.01	< 0.01
Surfactants (MBAs) (Max)	mg/L	< 0.01	< 0.01	< 0.01
Zinc, Total	mg/L	0.04	0.02	0.04
Zinc, Total (Ave)	mg/L	0.04	0.02	0.04
Zinc, Total (Max)	mg/L	0.04	0.02	0.04

