

**Narragansett Bay Commission  
Pretreatment Program**

**2008 Annual Report Summary**



**Report Period: January 1, 2008 – December 31, 2008**

**Significant Industrial Users:**

- 105 Total SIUs
- 56 SIUs in Field's Point
- 49 SIUs in Bucklin Point

**User Permitting:**

- 387 Permits issued in 2008
- 127 New permits issued to previously unpermitted firms
- 260 Revised permits issued

**Inspection and Sampling Programs:**

- 1,758 Non-Sampling Inspections conducted
- 447 Non-Sampling Inspections of Significant Industrial Users
- 340 Non-Sampling Inspections of categorical users
- 107 Non-Sampling Inspections of significant non-categorical users
- 1,311 Non-Sampling Inspections of non-significant users
- 15 Regulatory Compliance meetings held with users
- 42 Emergency/Special Investigations Conducted
- 257 User Monitoring Reports generated by NBC in 2008
- 242 NBC Sampling Inspections of Industry
- 116 Different Facilities Sampled by NBC
- 233 Monitoring Reports of Significant Users generated
- 177 Monitoring Reports of Categorical Users generated
- 56 Monitoring Reports of Significant Non-Categorical Users generated
- 24 Monitoring Reports of Non-Significant Users generated
- 422 Manhole Sampling Events Conducted
- 386 Industrial Surveillance Manhole Sampling Events Conducted
- 195 Industrial Surveillance Manholes Sampled in Bucklin Point
  - 96.4% Compliance Rate
- 191 Industrial Surveillance Manholes Sampled in Field's Point
  - 89.2% Compliance Rate
- 33 Sanitary Manhole Sampling Events Conducted
- 3 Manhole Sampling Events conducted supporting NBC sewer line cleaning

**Enforcement Program:**

- 2,279 Notice of Violation (NOV) Letters Issued
- 1,467 NOV's issued to Field's Point Users
- 812 NOV's issued to Bucklin Point Users
- \$67,000 in Administrative Penalties assessed in 2008
- \$75,500 in Administrative Penalties Collected
- 16 Firms Listed in February 27, 2009 Public Notice in the Providence Journal as being in Significant Non-Compliance (SNC)
- 7.1% Rate of Significant Non-Compliance (SNC) in the Field's Point District in 2008, a reduction from 39% in 1992
- 10.2% Rate of SNC in the Bucklin Point District in 2008, a reduction from 44.8% in 1994
- 8.6% Overall Rate of SNC in both districts in 2008

**Review of User Monitoring Data:**

- Pretreatment Staff Reviewed 3,269 User Monitoring Reports
- 95.0% Overall Rate of Compliance for All Significant Users
- 94.6% Overall Rate of Compliance for All Categorical Users
- 96.6% Overall Rate of Compliance for All Non-Significant Users
- 95.7% Overall Rate of Compliance for All Users
- 47.4% of EPA categorically regulated users had perfect effluent compliance records with all effluent parameters excluding pH
- 53.8% of Significant Users AND 86.2% of all users had perfect effluent compliance records with effluent pollutants excluding pH
- Rate of Significant Non-Compliance (SNC) has been significantly reduced in both sewerage districts over the past few years through Pretreatment's User Education Methods

## Summary of Toxic Loadings to WWTFs

### Comparison of 2007 - 2008 Annual Loadings to Field's Point

Pollutant	2007 (Pounds)	2007 (Pounds)	Total Pound change	% Change
<b>Total Cadmium</b>	165.9	336.1	170.2	102.6%
<b>Total Chromium</b>	1,164.6	1,586.1	421.5	36.2%
<b>Total Copper</b>	6,497.1	6,542.9	45.8	0.7%
<b>Total Lead</b>	1,214.4	1,875.0	660.6	54.4%
<b>Total Mercury</b>	7.9	6.8	-1.1	-14.3%
<b>Total Nickel</b>	3,472.1	3,188.9	-283.2	-8.2%
<b>Total Silver</b>	425.4	565.5	140.1	32.9%
<b>Total Zinc</b>	13,394.5	14,444.2	1,049.7	7.8%
<b>Total Metals</b>	26,341.9	28,545.5	2,203.6	8.4%
<b>Total Cyanide</b>	1,688.7	1,980.1	291.4	17.3%

### Comparison of 2007 - 2008 Annual Loadings to the Bucklin Point

Pollutant	2007 (Pounds)	2008 (Pounds)	Total Pound Change	% Change
<b>Total Cadmium</b>	57	155.1	98.1	172.2%
<b>Total Chromium</b>	4,743.4	7338.4	2595.0	54.7%
<b>Total Copper</b>	5,468.9	5021.2	-447.7	-8.2%
<b>Total Lead</b>	580.8	713.2	132.4	22.8%
<b>Total Mercury</b>	5.2	3.6	-1.6	-30.7%
<b>Total Nickel</b>	2,565.3	2922.9	357.6	13.9%
<b>Total Silver</b>	208	269.6	61.6	29.6%
<b>Total Zinc</b>	8,618.3	8247.9	-368.4	-4.3%
<b>Total Metals</b>	22,246.9	24671.9	2425.0	10.9%
<b>Total Cyanide</b>	216.1	305.0	88.9	41.1%