

Troubled Waters

An analysis of 2005 Clean Water Act compliance



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Acknowledgments

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Executive Summary

October 18, 2007 marks the 35th anniversary of the Clean Water Act, a landmark law intended to restore and maintain the physical, chemical and biological integrity of the nation's waters. In passing the Clean Water Act, Congress set the goals of eliminating the discharge of pollutants into the nation's waterways by 1985 and making all U.S. waterways fishable and swimmable by 1983. Although we have made significant progress in improving water quality since the passage of the Clean Water Act, we are far from realizing the Act's original vision.

Using information provided by the U.S. Environmental Protection Agency (EPA) in response to a Freedom of Information Act request, this report analyzes all major facilities^a that exceeded their Clean Water Act permits between January 1, 2005 and December 31, 2005; reveals the type of pollutants they are discharging into our waterways; and details the extent to which these facilities are exceeding their permit levels.

More than two decades after the drafters of the 1972 Clean Water Act intended for the discharge of all pollutants to be eliminated, facilities across the country continue to violate pollution limits, at times egregiously.

Findings include:

Thousands of facilities continue to exceed their Clean Water Act permits.

- ◆ Nationally, more than 3600 major facilities (57%) exceeded their Clean Water Act permit limits at least once between January 1, 2005 and December 31, 2005.
- ◆ The 10 U.S. states with the highest percentage of major facilities exceeding their Clean Water Act permit limits at least once are Maine, Massachusetts, Rhode Island, New Hampshire, Ohio, Connecticut, New York, North Dakota, California, and West Virginia.
- ◆ The 10 U.S. counties with the most facilities exceeding their Clean Water Act permits at least once in this period are Harris County, Texas; Los Angeles County, California; Worcester County, Massachusetts; New Haven County, Connecticut; Calcasieu Parish, Louisiana; Allegheny County, Pennsylvania; Hartford County, Connecticut; Will County, Illinois; Wayne County, Michigan; and Erie County, New York.

These facilities often exceed their permits more than once and for more than one pollutant.

- ◆ The 3600 major facilities exceeding their permits in the time period studied reported more than 24,400 exceedances of their Clean Water Act permit limits. This means that many facilities exceeded their permits more than once and for more than one pollutant.

^a Facilities are designated as "major" based on an EPA scoring system that considers a combination of factors, including toxic pollutant potential, streamflow volume, public health impacts, and proximity to coastal waters.

◆ The 10 U.S. states with the most exceedances of Clean Water Act permit limits between January 1, 2005 and December 31, 2005 are Ohio, Pennsylvania, New York, Texas, California, Massachusetts, Louisiana, Tennessee, Alabama, and Florida.

◆ Nationally, 628 major facilities exceeded their Clean Water Act permit limits for at least half of the monthly reporting periods between January 1, 2005 and December 31, 2005.

These facilities often exceed their permits egregiously.

◆ Major facilities exceeding their Clean Water Act permits, on average, exceeded their permit limits by 263%, or nearly four times the allowed amount.

◆ The 10 U.S. states with the highest average permit exceedance between January 1, 2005 and December 31, 2005 are New Mexico, Vermont, Arizona, West Virginia, Iowa, Mississippi, Illinois, Indiana, California, and Hawaii.

◆ Nationally, major facilities reported more than 1800 instances between January 1, 2005 and December 31, 2005 in which they exceeded their Clean Water Act permit limits by at least six-fold (500%).

◆ The U.S. states with at least 100 exceedances of at least 500% above the permit limit are California, Pennsylvania, and Ohio.

Our federal leaders should be working with the states to address this illegal pollution and clean up all of our waterways. Over the last six years the Bush administration has suggested, proposed or enacted numerous policies that undermine the Clean Water Act and threaten the future of America's rivers, lakes, streams, wetlands and oceans. The administration has not only undercut the Clean Water Act, but also eliminated Clean Water Act protections from key waterways altogether.

Rather than weakening the Clean Water Act, the Bush administration and state officials should: restore Clean Water Act protections to all waterways; tighten enforcement of the Clean Water Act; strengthen implementation of the Clean Water Act to better protect our rivers, lakes and streams; and ensure the public's right to know about water pollution by increasing and improving access to compliance data and discharge reporting.

Introduction: The State of America's Waters

In 1972, Congress passed the Clean Water Act, creating the nation's first comprehensive law for improving the quality of our rivers, lakes and streams. The Clean Water Act marked a distinct change in the direction of water pollution control. The Clean Water Act instituted requirements for water quality-based controls and added an equal emphasis on technology-based, or end-of-pipe, control strategies. The Act set several goals, stating "it is the national goal that the discharge of pollutants into navigable waters be eliminated by 1985"; "it is the national goal that wherever attainable an interim goal of water quality which provides for the protection and propagation of fish, shellfish, and wildlife and provides for recreation in and on the water be achieved by July 1, 1983"; and "it is the national policy that the discharge of toxic pollutants in toxic amounts be prohibited."¹

Thirty-five years later, although the Clean Water Act has helped to clean up the nation's waterways, we have not yet achieved these goals. Consider the following:

- Approximately 39% of our rivers, 46% of our lakes and 51% of our estuaries are impaired for one or more uses and thus still too polluted for safe fishing or swimming.²
- The U.S. Environmental Protection Agency (EPA) estimates that more than 20,000 bodies of water throughout the country are too polluted to meet basic water quality standards.³
- Across the country, pollution caused more than 25,000 beach closings and advisory days in 2006 at ocean, bay, and Great Lakes surveyed beaches, the highest level in 17 years.⁴
- In 2006, 32 states and the District of Columbia had statewide fish consumption advisories in place because of toxic pollution. Federal or state agencies have issued fish consumption advisories for 38% of the nation's total lake acres (excluding the Great Lakes), all of the Great Lakes, 26% of total river miles, and nearly 65% of the country's contiguous coastal waters, including 92% of the Atlantic coast and the entire Gulf coast.⁵
- According to EPA's Toxic Release Inventory, polluters discharged more than 240.2 million pounds of toxic chemicals into our waterways in 2005 alone.⁶
- In March 2006, the U.S. Geological Survey (USGS) released a report describing the occurrence of pesticides in streams and groundwater over the 10 years spanning 1992-2001. USGS found at least one pesticide in all of the streams studied.⁷
- At least 850 billion gallons of raw sewage are dumped into U.S. waterways every year.⁸ U.S. sewer systems are aging; without significant investment in wastewater treatment infrastructure, sewage pollution is expected to reach the highest levels in U.S. history by 2025.⁹

America's waterways are an important part of our natural heritage, providing us with drinking water and places to swim and fish. Over the last 30 years, we have made significant strides in cleaning up our waterways, but we still have important work to do. Today, many of America's iconic waterways, from the Great Lakes to the Chesapeake Bay to the Colorado River, are struggling with pollution. The original goals of the Clean Water Act remain unmet benchmarks of water quality in the United States.

Background: A Permit to Pollute

In addition to setting the goals of eliminating the discharge of pollution into America's waterways and making all waterways fishable and swimmable, the Clean Water Act embodies four important principles:¹⁰

- The discharge of pollutants to navigable waters is not a right.
- A discharge permit is required to use public resources for waste disposal and limits the amount of pollutants that may be discharged.
- Wastewater must be treated with the best treatment technology economically achievable, regardless of the condition of the receiving water.
- Effluent limits must be based on treatment technology performance, but more stringent limits may be imposed if the technology-based limits do not prevent violations of water quality standards in the receiving water.

The National Pollutant Discharge Elimination System

As authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program regulates point sources that discharge pollutants into waters of the United States. The Clean Water Act prohibits any facility from discharging pollutants from a point source into a waterway unless it has a NPDES permit. The permit contains limits on what the facility can discharge and monitoring and reporting requirements. The permit provides two levels of control: technology-based limits, based on the ability of dischargers to treat wastewater, and water quality-based limits, if technology-based limits are not enough to protect the water body.¹¹

Pollutants enter waterways from agricultural, domestic, industrial, and other sources. For regulatory purposes, these sources are categorized as either *point sources* or *non-point sources*. *Point sources* refer to discharges that enter waterways from individual pipes or other identifiable locations, such as discharges from sewage treatment plants and industrial facilities. *Non-point source* pollution, unlike pollution from industrial and sewage treatment plants, comes from many diffuse sources and is caused by rainfall or snowmelt that picks up pollutants and deposits them into lakes, rivers, wetlands and coastal waters.

Water pollution may come from both *direct* and *indirect* sources. *Direct* sources discharge wastewater directly into waterways, whereas *indirect* sources discharge wastewater to a sewage treatment plant, which in turn discharges directly into the receiving water body. NPDES permits are issued only to direct point source dischargers. Indirect dischargers—industrial and commercial facilities that discharge into sewage treatment works—are regulated by the National Pretreatment Program.

The NPDES permitting program is mainly geared toward the regulation of municipal and non-municipal (industrial) direct dischargers. Municipal sources are sewage treatment plants that receive primarily domestic sewage from residential and commercial customers. Larger sewage treatment plants also usually treat wastewater from industrial facilities (indirect dischargers) connected to the sewage system. Many industrial and commercial facilities also discharge into the waterways of the United States. According to

the U.S. EPA NPDES Permit Writers' Manual, "at industrial facilities the types of raw materials, production processes, treatment technologies utilized, and pollutants discharged vary widely and are dependent on the type of industry and specific facility characteristics."¹²

Roles and Responsibilities of Federal and State Authorities

EPA is authorized under the Clean Water Act to implement and enforce the NPDES program. However, EPA can authorize states that request permission to implement all or part of the NPDES program.

In order for states to receive authorization to implement the NPDES program, they must first establish the necessary legal framework and institutions. This authority is subject to conditions and can be revoked by EPA. States that want to administer the NPDES program submit a letter to EPA from the governor requesting review and approval, a Memorandum of Agreement (MOA), a Program Description, a Statement of Legal Authority (also known as an "Attorney General's Statement" or "AG Statement"), and the underlying state laws and regulations.

In general, once a state is authorized to administer a part of the NPDES program, EPA no longer conducts these activities. EPA still maintains an oversight role and retains the right to take enforcement action against violators if the state fails to do so. Additionally, EPA retains the right to review each permit issued by the state and may formally object to elements that conflict with federal requirements. If the permitting agency does not address the objection points, EPA will issue the permit directly.

In states without an authorized NPDES program, EPA administers the NPDES program through EPA regional offices, with help from the respective state environmental agencies. Currently, the only states without an approved NPDES program are Alaska, the District of Columbia, Idaho, Massachusetts, New Hampshire, and New Mexico.¹³ When EPA issues the permit, the Clean Water Act requires that EPA obtain certification from the state where the discharge will occur to ensure that the discharge will be in compliance with effluent limits, the state's water quality standards, and "any other appropriate requirement of state law."¹⁴

Once a permit is issued through a government agency, the approved state and federal agencies (including EPA) have legal authority to implement and enforce the permit.

Shortcomings of EPA's Permit Compliance System

The U.S. EPA maintains the Permit Compliance System (PCS) database, which is designed to track permit, compliance and enforcement status data for the NPDES program under the Clean Water Act. Unfortunately, this critical tool that houses information about the nation's enforcement of the Clean Water Act is outdated and flawed in a few ways, although it remains the best available public data on water quality in the United States.

The PCS database had its last major revision in 1982 and has been identified as an agency weakness publicly since 1999. In a 2003 report, EPA's Office of the Inspector General stated that the EPA Office of Enforcement and Compliance Assurance "has directed insufficient attention to conducting accurate and timely planning and analysis" for a planned modernization of the PCS database.¹⁵ In 2003, the agency, which had promised to modernize the system by the end of the year, admitted that the PCS upgrade would not be complete until September 2006. The Inspector General criticized EPA for allowing the date to slip, noting that without a modernized PCS system, "EPA's Office of Water cannot effectively manage its Clean Water NPDES program."¹⁶

In mid 2006, EPA moved forward with the PCS modernization by transferring Clean Water Act compliance data from selected states to a new system called the Integrated Compliance Information System-National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES will replace PCS as the national database for the NPDES program. Among other changes, the new database is designed to track data currently unavailable in PCS, including data on stormwater, concentrated animal feeding operations and sewer overflows.¹⁷ Eighteen states moved from PCS to ICIS-NPDES by August 2006.¹⁸ No additional states have moved to ICIS-NPDES as of September 2007. After the 18 states transferred to ICIS-NPDES, compliance data for these states was no longer publicly available on the EPA's Enforcement and Compliance History Online (ECHO) database. At the end of September 2007, the data for these states was made available to the public on the ECHO database at www.epa.gov/echo.

Available data on water quality in the United States at best paints an incomplete picture of the pollution entering our waterways; at worst, it is a gross underestimate. EPA only requires states to enter data for "major" facilities in its database, covering just a small subset of the universe of facilities. Facilities are designated as "major" based on an EPA scoring system that considers a combination of factors, including toxic pollutant potential, streamflow volume, public health impacts, and proximity to coastal waters. Little compliance information regarding thousands of additional dischargers with NPDES permits is available to the public or in some cases even available at all.¹⁹ According to the EPA Inspector General, cost concerns are the reason that EPA does not require states to enter data from "minor" facilities into the system.

Moreover, in the course of completing this report, we identified several areas in which the current PCS database system falls short. EPA informed us that the Oregon data was incomplete. EPA and the states often record discharges in different units—in pounds instead of kilograms, or milligrams instead of micrograms—which can cause unnecessary mathematical errors. Finally, the permit data for facilities is not always up-to-date. EPA and the states should commit to finishing the PCS modernization, keeping the data available to the public and fixing these and other problems as soon as possible.

Findings: America's Troubled Waterways

More than two decades after Congress sought to eliminate the discharge of pollution into our waterways, our analysis of Clean Water Act compliance data finds that facilities across the country continue to discharge more pollution into our waterways than allowed under the law.

In response to a Freedom of Information Act request, EPA provided us with summary data about active major facilities^b in the Clean Water Act's National Pollutant Discharge Elimination System (NPDES). The information was generated from the Permit Compliance System (PCS) and covers the time period spanning January 1, 2005 through December 31, 2005. Refer to the methodology section for more details about this data.

Key findings include:

Thousands of facilities continue to exceed their Clean Water Act permits.

◆ Nationally, more than 3600 major facilities (57%) exceeded their Clean Water Act permit limits at least once between January 1, 2005 and December 31, 2005.

◆ The 10 U.S. states with the highest percentage of major facilities exceeding their Clean Water Act permit limits at least once are Maine, Massachusetts, Rhode Island, New Hampshire, Ohio, Connecticut, New York, North Dakota, California, and West Virginia.

◆ The 10 U.S. counties with the most facilities exceeding their Clean Water Act permits at least once in this period are Harris County, Texas; Los Angeles County, California; Worcester County, Massachusetts; New Haven County, Connecticut; Calcasieu Parish, Louisiana; Allegheny County, Pennsylvania; Hartford County, Connecticut; Will County, Illinois; Wayne County, Michigan; and Erie County, New York.

These facilities often exceed their permits more than once and for more than one pollutant.

◆ The 3600 major facilities exceeding their permits in the time period studied reported more than 24,400 exceedances of their Clean Water Act permit limits. This means that many facilities exceeded their permits more than once and for more than one pollutant.

◆ The 10 U.S. states with the most exceedances of Clean Water Act permit limits between January 1, 2005 and December 31, 2005 are Ohio, Pennsylvania, New York, Texas, California, Massachusetts, Louisiana, Tennessee, Alabama, and Florida.

◆ Nationally, 628 major facilities exceeded their Clean Water Act permit limits for at least half of the monthly reporting periods between January 1, 2005 and December 31, 2005.

^b Facilities are designated as "major" based on an EPA scoring system that considers a combination of factors, including toxic pollutant potential, streamflow volume, public health impacts, and proximity to coastal waters.

These facilities often exceed their permits egregiously.

- ◆ Major facilities exceeding their Clean Water Act permits, on average, exceeded their permit limits by 263%, or nearly four times the allowed amount.
- ◆ The 10 U.S. states with the highest average permit exceedance between January 1, 2005 and December 31, 2005 are New Mexico, Vermont, Arizona, West Virginia, Iowa, Mississippi, Illinois, Indiana, California, and Hawaii.
- ◆ Nationally, major facilities reported more than 1800 instances between January 1, 2005 and December 31, 2005 in which they exceeded their Clean Water Act permit limits by at least six-fold (500%).
- ◆ The U.S. states with at least 100 exceedances of at least 500% above the permit limit are California, Pennsylvania, and Ohio.

FINDING: Thousands of facilities continue to exceed their Clean Water Act permits.

Nationally, more than 3,600 major facilities (57%) exceeded their Clean Water Act permit limits at least once between January 1, 2005 and December 31, 2005. The 10 U.S. states with the highest percentage of major facilities to exceed their Clean Water Act permit limits at least once are Maine, Massachusetts, Rhode Island, New Hampshire, Ohio, Connecticut, New York, North Dakota, California, and West Virginia (Table 1). Between 68 and 81 percent of the facilities in these states exceeded their permits at least once during 2005.

Table 1. Number and Percentage of Major Facilities Exceeding their Clean Water Act Permit Limits at Least Once between January 1, 2005 and December 31, 2005: By State

Rank	State	Total Major Facilities	# Exceeding Permit at Least Once	% of Major Facilities
1	Maine	87	71	81.6%
2	Massachusetts	130	102	78.5%
3	Rhode Island	25	19	76.0%
4	New Hampshire	58	44	75.9%
5	Ohio	292	217	74.3%
6	Connecticut	108	80	74.1%
7	New York	344	250	72.7%
8	North Dakota	26	18	69.2%
9	California	229	158	69.0%
10	West Virginia	98	67	68.4%
11	Indiana	194	130	67.0%
12	Georgia	169	112	66.3%
13	Louisiana	242	155	64.0%
14	Missouri	144	90	62.5%
15	Delaware	21	13	61.9%
16	Mississippi	88	54	61.4%
17	Tennessee	155	94	60.6%
18	Arkansas	103	62	60.2%
19	Florida	214	128	59.8%
20	Nebraska	54	32	59.3%
21	Alabama	194	111	57.2%
21	Kentucky	138	79	57.2%
23	Oklahoma	86	49	57.0%
24	Iowa	128	71	55.5%
25	South Carolina	173	95	54.9%
26	Texas	596	318	53.4%
27	Pennsylvania	383	198	51.7%
28	New Mexico	33	17	51.5%
28	Utah	33	17	51.5%
28	Vermont	33	17	51.5%
31	District of Columbia	4	2	50.0%
31	Hawaii	22	11	50.0%
33	North Carolina	223	111	49.8%
34	Michigan	190	94	49.5%
35	New Jersey	155	72	46.5%
36	Nevada	13	6	46.2%
37	Illinois	276	127	46.0%
38	Colorado	107	49	45.8%
39	Kansas	55	25	45.5%
40	Arizona	54	23	42.6%
41	Idaho	55	21	38.2%
42	Alaska	71	27	38.0%
43	Montana	40	15	37.5%
44	Washington	75	28	37.3%
45	Maryland	97	36	37.1%
46	Wyoming	25	9	36.0%
47	Wisconsin	129	46	35.7%
48	Minnesota	89	30	33.7%
49	Virginia	143	44	30.8%
50	South Dakota	27	8	29.6%
TOTAL		6428	3652	57%

Note: We excluded Oregon because the state failed to provide reliable data to EPA.

FINDING: Some U.S. counties are home to multiple facilities that exceed their Clean Water Act permits.

Ten U.S. counties are home to at least 15 major facilities that exceeded their Clean Water Act permits at least once during the time period studied. These counties are Harris County, Texas; Los Angeles County, California; Worcester County, Massachusetts; New Haven County, Connecticut; Calcasieu Parish, Louisiana; Allegheny County, Pennsylvania; Hartford County, Connecticut; Will County, Illinois; Wayne County, Michigan; and Erie County, New York. See Table 2 for a list of the 50 counties with the most facilities exceeding their Clean Water Act permits at least once between January 1, 2005 and December 31, 2005.

Table 2. Counties with the Most Major Facilities Exceeding their Clean Water Act Permit Limits at Least Once between January 1, 2005 and December 31, 2005

Rank	State	County Name	# of Facilities Exceeding Permit at Least Once
1	Texas	Harris	96
2	California	Los Angeles	22
2	Massachusetts	Worcester	22
4	Connecticut	New Haven	21
5	Louisiana	Calcasieu	20
6	Pennsylvania	Allegheny	18
7	Connecticut	Hartford	16
8	Illinois	Will	15
8	Michigan	Wayne	15
8	New York	Erie	15
11	Florida	Hillsborough	14
11	Massachusetts	Essex	14
11	Texas	Nueces	14
14	Connecticut	Fairfield	13
14	Massachusetts	Bristol	13
16	Florida	Polk	12
16	Illinois	Du Page	12
16	New York	Niagara	12
16	Texas	Brazoria	12
16	Texas	Fort Bend	12
16	West Virginia	Kanawha	12
22	California	Contra Costa	11
22	Connecticut	New London	11
22	Florida	Duval	11
22	Louisiana	Ascension	11

Rank	State	County Name	# of Facilities Exceeding Permit at Least Once
22	Louisiana	East Baton Rouge	11
22	Maine	Aroostook	11
22	Maine	York	11
22	Massachusetts	Plymouth	11
22	New York	Nassau	11
22	New York	Orange	11
22	Ohio	Ashtabula	11
33	Alabama	Jefferson	10
33	Illinois	McHenry	10
33	Indiana	Lake	10
33	Maine	Cumberland	10
33	Massachusetts	Middlesex	10
33	New Hampshire	Rockingham	10
33	New York	Chautauqua	10
33	New York	Saint Lawrence	10
33	Pennsylvania	Beaver	10
33	Pennsylvania	Bucks	10
33	Pennsylvania	Montgomery	10
33	Pennsylvania	Westmoreland	10
33	Texas	Jefferson	10
46	Alabama	Mobile	9
46	California	San Diego	9
46	Hawaii	Honolulu	9
46	New Jersey	Burlington	9
46	Ohio	Cuyahoga	9

FINDING: These facilities often exceed their permits more than once and for more than one pollutant.

The 3,600 major facilities exceeding their permits in 2005 reported more than 24,400 exceedances of their Clean Water Act permit limits. This means that many facilities exceeded their permits more than once and for more than one pollutant. The 10 U.S. states with the most exceedances of Clean Water Act permit limits during this time period are Ohio, Pennsylvania, New York, Texas, California, Massachusetts, Louisiana, Tennessee, Alabama, and Florida (Table 3). In addition, 628 major facilities exceeded their Clean Water Act permit limits for at least half (6 of the 12) monthly reporting periods between January 1, 2005 and December 31, 2005. (See Appendix A for a list of these facilities.)

Table 3. Number of Exceedances of Permit Limits between January 1, 2005 and December 31, 2005: By State

Rank	State	# of Facilities Exceeding Permit at Least Once	Total Exceedances	Rank	State	# of Facilities Exceeding Permit at Least Once	Total Exceedances
1	Ohio	217	1797	27	New Jersey	72	377
2	Pennsylvania	198	1516	28	Alaska	27	276
3	New York	250	1478	29	Rhode Island	19	259
4	Texas	318	1348	30	Virginia	44	224
5	California	158	1330	31	Arizona	23	200
6	Massachusetts	102	1235	32	Idaho	21	188
7	Louisiana	155	1127	33	Washington	28	156
8	Tennessee	94	979	34	Maryland	36	154
9	Alabama	111	940	35	Nebraska	32	141
10	Florida	128	914	36	Wisconsin	46	132
11	Indiana	130	826	37	Colorado	49	123
12	Illinois	127	693	38	Kansas	25	120
13	West Virginia	67	658	39	Hawaii	11	102
14	Georgia	112	654	40	New Mexico	17	100
15	Mississippi	54	617	41	Utah	17	97
16	Maine	71	559	42	Minnesota	30	96
17	North Carolina	111	558	43	Delaware	13	62
18	New Hampshire	44	531	44	North Dakota	18	51
19	Connecticut	80	506	45	Vermont	17	32
20	Michigan	94	488	46	Montana	15	28
21	Arkansas	62	485	47	Wyoming	9	25
22	Kentucky	79	475	48	South Dakota	8	13
23	Missouri	90	474	49	Nevada	6	10
24	South Carolina	95	439	50	District of Columbia	2	3
25	Iowa	71	434				
26	Oklahoma	49	405				
				National		3652	24,435

Note: We excluded Oregon because the state failed to provide reliable data to EPA.

FINDING: These facilities often exceed their permits egregiously.

Major facilities exceeding their Clean Water Act permits, on average, exceeded their permit limits by 263%, or nearly four times the allowed amount. The 10 U.S. states with the highest average permit exceedance between January 1, 2005 and December 31, 2005 are New Mexico, Vermont, Arizona, West Virginia, Iowa, Mississippi, Illinois, Indiana, California, and Hawaii (Table 4).

Nationally, major facilities reported more than 1,800 instances between January 1, 2005 and December 31, 2005 in which they exceeded their Clean Water Act permit limits by at least six-fold (500%). The U.S. states with at least 100 exceedances of at least 500% are California, Ohio and Pennsylvania (Table 5).

Table 4. Average Exceedance of Clean Water Act Permit Limits between January 1, 2005 and December 31, 2005: By State

Rank	State	Average Exceedance (% Variance from Permit Limit)	Rank	State	Average Exceedance (% Variance from Permit Limit)
1	New Mexico	1153.3%	27	Alaska	164.6%
2	Vermont	822.9%	28	South Carolina	163.0%
3	Arizona	821.6%	29	Rhode Island	162.8%
4	West Virginia	678.5%	30	Maine	162.3%
5	Iowa	595.0%	31	Connecticut	157.9%
6	Mississippi	575.8%	32	Ohio	155.5%
7	Illinois	530.3%	33	Tennessee	151.7%
8	Indiana	508.2%	34	South Dakota	149.5%
9	California	405.2%	35	Texas	143.4%
10	Hawaii	381.7%	36	Louisiana	142.2%
11	North Carolina	344.3%	37	Virginia	139.0%
12	Michigan	323.6%	38	Washington	132.4%
13	New Hampshire	305.8%	39	Georgia	130.2%
14	Oklahoma	302.3%	40	Idaho	101.8%
15	Alabama	258.4%	41	North Dakota	93.1%
16	Massachusetts	252.3%	42	Wyoming	92.8%
17	Minnesota	241.4%	43	New Jersey	89.3%
18	Utah	239.4%	44	Wisconsin	88.2%
19	Colorado	223.6%	45	Kansas	86.0%
20	Florida	216.3%	46	Maryland	84.1%
21	Arkansas	204.8%	47	Delaware	55.5%
22	Pennsylvania	193.6%	48	Montana	50.0%
23	Kentucky	189.5%	49	Nevada	46.1%
24	Nebraska	182.4%	50	District of Columbia	6.0%
24	New York	182.4%			
26	Missouri	176.2%			
				National Average	263%

Note: We excluded Oregon because the state failed to provide reliable data to EPA.

Table 5. Number of Exceedances of Permit Limits of at Least 500% (Sixfold) between January 1, 2005 and December 31, 2005: By State

Rank	State	# of Exceedances >500%	Rank	State	# of Exceedances >500%
1	California	194	25	South Carolina	28
2	Pennsylvania	121	26	Connecticut	27
3	Ohio	118	26	Iowa	27
4	Massachusetts	85	28	Georgia	25
5	New York	82	28	Hawaii	25
6	Indiana	78	30	Alaska	21
7	Mississippi	72	31	New Jersey	15
8	Alabama	71	32	Rhode Island	13
9	Texas	64	32	Virginia	13
10	North Carolina	62	34	Colorado	10
11	Arizona	60	34	Nebraska	10
12	West Virginia	58	36	Minnesota	8
13	Louisiana	54	36	Utah	8
13	Oklahoma	54	38	Vermont	7
15	Florida	51	38	Washington	7
16	Tennessee	50	38	Wisconsin	7
17	Arkansas	47	41	Idaho	6
17	Illinois	47	42	Maryland	5
19	Michigan	44	43	Kansas	2
19	New Mexico	44	44	Delaware	1
21	New Hampshire	43	44	North Dakota	1
22	Maine	39	44	South Dakota	1
23	Missouri	34	44	Wyoming	1
24	Kentucky	30	National		1870

Note: We excluded Oregon because the states failed to provide reliable data to EPA. The District of Columbia, Montana and Nevada did not report any exceedance over 500%.

The Bush Administration's Assault on the Clean Water Act

As detailed in this report, facilities across the country continue to foul our waterways by discharging more pollutants than permitted by law. At a time when federal officials should be working with the states to improve water quality and enforce the Clean Water Act, the Bush administration has suggested, proposed, or enacted numerous policies that would weaken the Clean Water Act and threaten the future of America's rivers, lakes, streams and coastal waters.

Allowing More Pollution in Waterways

The Bush administration has enacted two separate policies that eliminate longstanding Clean Water Act protections for waterways across the country. In January 2003, the Bush administration issued a policy guidance that instructed U.S. EPA and U.S. Army Corps of Engineers staff to stop implementing Clean Water Act protections for small streams, wetlands, ponds and other waters.²⁰ In June 2007, the Bush administration announced a second policy guidance that further weakens Clean Water Act safeguards for many streams and wetlands and adds confusion to which waters are protected.²¹ The streams, wetlands and other waterways at risk from these two policies are the source waters for America's rivers, lakes and bays. These smaller waterways filter pollution, sustain water supplies, control flood waters and provide habitat for fish and other wildlife.²² Harm to the source waters affects the larger waterways downstream.²³

The 2003 and 2007 policy directives put thousands of miles of streams and millions of acres of wetlands in danger of unlimited pollution and development. EPA has acknowledged that the 2003 policy alone could remove federal Clean Water Act protections from 20 million acres of wetlands, or about 20% of the wetlands in the lower 48 states.²⁴ When the federal government decides a waterway is outside of the scope of the Clean Water Act, all protections of the law are removed, including the need for a NPDES permit to discharge pollution into that waterway. More than 40% of the NPDES permitted facilities, for which EPA has location data, discharge into headwater, intermittent or ephemeral streams.²⁵ These are the categories of streams that are at risk of losing Clean Water Act protection.

As a result of these policies, developers, mining companies and other polluters seeking exemption from the Clean Water Act are able to argue that wetlands, streams, ponds or other waters fall outside of the Clean Water Act's jurisdiction. The Army Corps' own reporting shows that thousands of waters across the country have already lost protection as a result of the 2003 policy.²⁶ Waters that have lost protection include a 150-mile-long river basin in New Mexico, four thousand acres of wetlands in Florida, and a 69-mile-long canal used as a drinking water supply in California.²⁷

Threatening Public Health

Sewage contains bacteria, viruses, parasites, intestinal worms, and a host of other organisms that cause beach closings, kill fish and harm public health. Sewage-contaminated waters can cause illness ranging from nausea and diarrhea to cholera, dysentery, infectious hepatitis, and severe gastroenteritis.²⁸ Despite these public health and environmental threats, the Bush administration has taken actions that actually increase the amount of sewage pollution into U.S. waterways.

Sewage "Blending"

In November 2003, the Bush administration issued a draft policy guidance that weakened restrictions on sewage treatment facilities for discharging inadequately treated sewage into waterways when it rains.²⁹ The proposal would allow sewage treatment facilities to divert sewage around secondary treatment units and then combine the filtered but untreated sewage with fully treated wastewater before discharging it into waterways in a process called "blending." The effect of this sewage blending would be to remove the crucial second step in the process of sewage treatment during wet weather, specifically the biological treatment of the sewage. Because the biological treatment removes most of the pathogens, blended sewage has significantly higher levels of pollutants than sewage that has undergone full treatment.³⁰

The Bush administration withdrew the policy on May 19, 2005, just hours before the U.S. House of Representatives voted to block EPA from finalizing it. In December 2005, EPA proposed a second sewage blending policy that has not yet been finalized.³¹

Sewer Overflows

In January 2001, EPA proposed to clarify and expand permit requirements for 19,000 municipal sanitary sewer collection systems in order to reduce sewer overflows. When sanitary sewers are overloaded, inadequately maintained or obstructed, they often overflow, dumping raw and inadequately treated sewage into basements, streets, and waterways. EPA estimates that at least 40,000 sanitary sewer overflows occur nationally each year.³²

The proposed Sanitary Sewer Overflow Rule, the product of a federal advisory committee that met for five years, would help communities improve some sanitary sewer systems by requiring facilities to develop and implement new capacity, management, operations, maintenance, and public notification programs.³³ This rule would, among other things, require sewer operators to monitor sewers and notify health authorities and the public when overflows could potentially harm public health. The Bush administration has blocked these regulations ever since it took office.

Undercutting Enforcement and Protection

Budget cutbacks threaten EPA's abilities to effectively police polluters and protect the nation's waters. From 1997 to 2006, EPA's total budget has declined 13 percent, when adjusted for inflation.³⁴ The Bush administration continued this trend with its fiscal year 2008 budget proposal. The administration's proposed budget would cut funding for EPA by more than \$400 million. The most significant cuts - \$395 million - are to the Clean Water State Revolving Fund, which provides low interest loans to communities to upgrade wastewater treatment systems and supports other water infrastructure projects.

The continued cuts to EPA's budget prevent the agency from putting enough environmental cops on the beat and limit the number of inspections to detect violations of the Clean Water Act, Clean Air Act and other key environmental laws. During the last 10 years, EPA funding for enforcement has declined. According to a report by the Government Accountability Office, between 1997 and 2006, EPA's total enforcement funding decreased five percent when adjusted for inflation, with an eight percent reduction in funding for the regional offices that shoulder a significant responsibility for enforcement.³⁵ As a result of the funding cuts, the number of regional enforcement staff was reduced by about five percent. In addition, the GAO found that EPA's grants to states to implement and enforce environmental programs decreased by nine percent in real terms with a 22 percent decline between fiscal years 2004 and 2006.

The Bush administration's poor track record on environmental enforcement is well-documented. In 2007, the EPA Office of Inspector General reviewed 56 major facilities in long-term significant non-compliance with Clean Water Act NPDES permits between July 2002 and June 2005.³⁶ The Inspector General found that EPA and states did not take suitable enforcement actions to address all of the violations at 21 of the facilities and took no enforcement actions at eight of the facilities. At 35 of the facilities reviewed, none of the enforcement actions that the Inspector General's office could assess were taken in a timely manner, leading facilities to continue to violate their permits for extended periods of time.

A December 2003 Knight Ridder analysis of 15 years of environmental enforcement records found that the Bush administration in its first three years caught and punished far fewer polluters than the two previous administrations.³⁷ Knight Ridder examined EPA data in 17 categories and subcategories of civil enforcement since January 1989 and compared the records of the past three administrations. In 13 of those 17 categories, the George W. Bush administration had lower average numbers than the Clinton administration. And in 11 of those categories, the 2003 average was lower than the 2001 average, showing the trend worsening over time. The monthly average of violation notices against polluters, a critical enforcement tool, dropped 58 percent compared with the Clinton administration's monthly average; notices of water pollution violations were down 74 percent.

A September 2007 Washington Post analysis of EPA and U.S. Department of Justice data found that between fiscal years 2002 and 2006, the number of Bush administration civil lawsuits filed against polluters who refuse to settle dropped almost 70 percent compared with a four-year period in the late 1990s.³⁸ New investigations, prosecutions and convictions all decreased by more than a third. In addition, the Washington Post found that the current number of investigators in EPA's Criminal Investigation Division has fallen below the minimum number required by the 1990 Pollution Prosecution Act.

Other Rollbacks to the Clean Water Act

The Bush administration has proposed or enacted numerous other policies that chip away at Clean Water Act protections, including:

- In August 2007, the Bush administration proposed removing a Reagan-era rule known as the "buffer zone rule" that prohibits coal-mining activities from disrupting areas within 100 feet of streams.³⁹
- In March 2007, the Bush administration expanded the number of Clean Water Act "nationwide permits" – five year general permits that allow the filling of wetlands and streams but do not receive the same level of environmental scrutiny as individual permits and provide no public notice or comment opportunity.⁴⁰
- In November 2006, the Bush administration finalized a rule to exclude pesticide applications from regulation under the Clean Water Act's NPDES program and allow pesticides to be discharged into rivers, lakes, streams, and other waters without a permit.⁴¹
- In June 2006, the Bush administration proposed a rule to allow water polluted with toxic chemicals, sewage or other contaminants to be transferred from one waterway into another without a NPDES permit.⁴²
- In June 2006, the Bush administration issued a final rule exempting sediment runoff at oil and gas construction sites from regulation under the Clean Water Act.⁴³

Recommendations

Thirty-five years after passage of the Clean Water Act, the law's most basic promises remain unfulfilled. We need to tighten enforcement of the law and strengthen the Act's fundamental principles. Unless we punish polluters that exceed their permits and reduce the amount of pollution facilities can discharge legally, we will never realize the Clean Water Act's vision of waters free of toxic pollutants and safe enough for fishing and swimming.

Reverse Policies that Weaken the Clean Water Act

As detailed above, the Bush administration has suggested, formally proposed or enacted policies designed to limit the Clean Water Act in scope and in strength. Three decades after the birth of this landmark legislation, more than 300,000 miles of rivers and shoreline and five million acres of lakes remain too contaminated for recreational use.⁴⁴ Rather than weakening the Clean Water Act, the Bush administration should:

- ◆ Withdraw the January 2003 and June 2007 policy directives that eliminate Clean Water Act protections for many small streams, wetlands and other waters.
- ◆ Fund EPA at the levels necessary to hire adequate environmental enforcement staff and enforce the Clean Water Act.
- ◆ Fully fund the EPA's Clean Water State Revolving Fund to help communities improve their wastewater treatment systems.
- ◆ Direct EPA to ensure that all sewage is properly treated, implement the proposed rule to regulate sanitary sewer overflows, and improve public notification of overflows that threaten human health.
- ◆ Withdraw all proposed rules and reverse finalized rules to exempt certain industries and activities from the Clean Water Act.

Strengthen Implementation and Enforcement of the Clean Water Act

The Bush administration and state officials should improve implementation and tighten enforcement of the Clean Water Act to help reach the goal of pollution-free waters.

◆ Prevent Facilities from Profiting from Pollution

The existing Clean Water Act allows "economic benefits" to be taken into consideration when assessing penalties. Unfortunately, EPA has acknowledged that penalties rarely recover the profits companies gain from their non-compliance. In other words, under current Clean Water Act enforcement practices, it often pays to pollute illegally, which creates incentives to break the law, allows states and violators to cut sweetheart deals, and places those who comply with the law at a competitive disadvantage. Courts and administrative hearing officers should assess a penalty that exceeds the amount of economic benefit

gained by the polluter as the result of its non-compliance. In addition, any state with an authorized Clean Water Act program should collect and make public all fines levied against and collected from polluters.

◆ **Tighten Pollution Limits**

With the Clean Water Act, Congress intended to eliminate water pollution through a gradual tightening of permits based on emerging control technologies. The Act's authors envisioned progressive permit tightening, coupled with enforcement actions against permit violators, to eventually reduce industrial and municipal pollution levels and achieve the interim Clean Water Act goal of fishable and swimmable waterways and ultimately zero discharge.

Progressive permit tightening, however, has not occurred consistently. By failing to regularly reevaluate permit limits and lower allowable pollution levels based on advances in technology, the government is missing a fundamental opportunity to reduce and eliminate pollution.

◆ **Revoke Permits from Repeat Violators**

Under the principles of the Clean Water Act, EPA and state agencies are not issuing facilities permits to pollute indefinitely, but are granting them a temporary right to discharge pollution into waterways while they reduce and eventually eliminate their waste stream. This temporary right must not be taken for granted. EPA and state agencies should deny permit issuance or renewal to applicants whose compliance history shows a repeated pattern of significant noncompliance with the Clean Water Act.

◆ **Implement Pollution Prevention Initiatives**

Pollution prevention means reducing the use of chemical inputs in order to generate less toxic waste, rather than relying on end-of-pipe pollution control technologies to stop waste chemicals from entering water discharges. Pollution prevention tends to be more effective in cutting use of chemicals and often saves facilities money otherwise spent handling hazardous materials.

Each applicant for a permit to discharge one or more pollutants should be required to submit, with the application for the permit, a pollution prevention plan that details the applicant's plans for reducing and eliminating the use and discharge of such pollutants at a measurable rate.

◆ **Remove Current Obstacles to Citizen Suits**

Citizens should be allowed to sue for past violations of the Clean Water Act, similar to the 1990 amendments to the Clean Air Act. Furthermore, inadequate government enforcement actions should not preclude citizen suits. Only judicial or enforcement actions that recoup the full economic benefit gained by violating the law should preclude subsequent citizen enforcement.

Expand the Public's Right to Know

Access to accurate and consistent reporting is fundamental to the success of the Clean Water Act's permitting and enforcement programs. Without it, protection of our waterways is impossible. The Bush administration and state agencies should increase the public's right to know about water pollution.

◆ EPA should complete the modernization of the Permit Compliance System as soon as possible to ensure that permit and enforcement data on all major facilities (at minimum) in each state are accurate, up-to-date and comprehensive.

◆ EPA and the states should compile and make public an analysis of enforcement actions taken during the preceding year, including the number of enforcement actions; the type of enforcement actions; the average penalty assessed and collected for each action; the total number of facilities in noncompliance and the reason for such noncompliance; and the number and percentage of facilities with expired permits.

◆ EPA should maintain and expand the Toxics Release Inventory (TRI) program. Since 1987, TRI has ensured the public's right-to-know about toxic chemicals in communities by requiring companies to disclose the pollution they release to the water, air and land. EPA should reverse its recent rule that reduced the quantity and quality of toxic chemical data submitted under TRI and available to the public.⁴⁵ Instead, EPA should look for ways to expand TRI.

◆ EPA should expand the public's right to know to include information on chemical use. While TRI discloses facilities' direct discharges of chemical pollution every year, little public information exists about chemicals used in workplaces and placed in products. In order to move toward the Clean Water Act's goal of zero-discharge, industrial facilities need to practice pollution prevention—reducing the use of chemicals at the source—rather than relying on pollution control technologies to limit releases once waste has been generated. Requiring companies to disclose their chemical use gives them an incentive to reduce use. In Massachusetts, where chemical-use reporting is required in combination with pollution prevention planning, companies decreased their toxic chemical use by 41% between 1990 and 2004. These companies are generating 65% less byproducts or waste per unit of product and have reduced releases of certain on-site chemicals by 91%.⁴⁶

◆ EPA should maintain and expand the Enforcement and Compliance History Online (ECHO) database. The ECHO database provides the public with access to important information about facilities' compliance with the Clean Water Act, Clean Air Act, and Resource Conservation and Recovery Act. EPA should continue to expand the information provided to the public on this site and deny any requests by the regulated industries to remove any information from the public domain.

Methodology

1. Obtaining the data. To obtain the data, we submitted a Freedom of Information Act (FOIA) request in January 2007, to which EPA responded in February 2007.

2. Scope and source of the data. The data provided through the FOIA request contains summary data about active major facilities in the Clean Water Act's National Pollutant Discharge Elimination System. All information was generated from the Permit Compliance System (PCS). The data covers the time period spanning January 1, 2005 through December 31, 2005.

3. Ensuring accuracy of the data. After receiving the data from EPA, we contacted each state agency—except in states where EPA administers the NPDES program—and offered them an opportunity to review the data for accuracy. The following states (in addition to the states where EPA administers the Clean Water Act) did not review any of the water quality data, due to resource limitations or failure to respond to repeated requests: Arkansas, Delaware, Iowa, Indiana, Louisiana, Pennsylvania, Tennessee, and Washington.

In addition to making the corrections noted by the state agencies, we deleted or updated the following records from the database provided by EPA:

- We deleted all exceedances greater than 10,000% as likely data entry errors, except for parameters such as fecal coliform and *e.coli*.

- In certain instances, PCS parameter-level effluent violations will show the value 99999% over limit. This value is a code indicating that PCS was not able to properly interpret the measurement that was submitted by the permittee. Therefore, 99999% values are not necessarily violations; as such, we excluded these 99999% values from our analysis, except as noted below.

- Some facilities reported discharges of "<" or ">" a given value. EPA's PCS database drops the "<" and ">" symbols and calculates the violation as the base number; in most cases, we were unable to verify whether the PCS database correctly calculated the percentage over the effluent permit limit. We eliminated all records for which states reported discharges using a character such as "<" or ">", except when the facility reported a discharge of ">" a given value that was higher than the permitted limit or "<" a given value that was lower than the permitted limit for concentration minimum. We coded these records, which often show a 99999% value, as an "apparent exceedance of undetermined magnitude."

- Some facilities hold permits for parameters that do not set specific discharge limits but instead are PASS/FAIL or YES/NO. For many of these, EPA valued the exceedances at 99999%. We counted any violation of a PASS/FAIL or YES/NO permit parameter as a 100% exceedance.

4. Data limitations. The data covers major facilities only. Facilities are designated as "major" based on an EPA scoring system that considers a combination of factors, including toxic pollutant potential, streamflow volume, public health impacts, and proximity to coastal waters. For example, a major municipal facility is a publicly owned treatment works that serves a population of 10,000 or more, discharges one million gallons or more of wastewater daily, or has a significant impact on water quality. Because we only

looked at major facilities, this report examines a small subset of the total number of facilities discharging pollutants into U.S. waters.

5. Oregon data. EPA did not provide data for Oregon facilities as Oregon has not entered data in PCS since August 31, 2004. As such, we excluded Oregon from the report's analysis. EPA is working with Oregon to update the data in PCS.

6. Definition of "exceedance." We count any exceedance (greater than 0% above the permit limit or greater than 0% below a minimum permit limit) for any given parameter during any given reporting period as an exceedance. If a facility exceeded its permit level for a given parameter for daily maximum and monthly average, we count this as two exceedances but as one facility in exceedance.

7. Definition of an "apparent exceedance of undetermined magnitude." In some cases, facilities report a discharge of ">" or "<" a given value. When this value was higher than the permitted limit, or lower than a minimum permit limit, we coded each of these records as an "apparent exceedance of undetermined magnitude." For parameters such as fecal coliform, some facilities reported "T", which means "too many to count." We also categorized each of these instances as an "apparent exceedance of undetermined magnitude."

8. Calculating the average permit violation by state. To calculate the average exceedance (measured as the percent variation from the permit limit), we averaged all of the exceedances in a state, excluding non-violations, fields displaying EPA's 99999% code and additional records we coded as "apparent exceedance of undetermined magnitude."

9. Number of major facilities by state. Data for the number of major facilities in each state, which forms the basis of the calculations in Table 1, were obtained by searching by state for all major facilities at http://www.epa.gov/echo/compliance_report_water.html and from information provided by EPA and state environmental agency staff.

Appendix A. Facilities Exceeding Their Clean Water Act Permits for at Least 6 of the 12 Reporting Periods between January 1, 2005 and December 31, 2005.

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
Alabama	AL0057657	ATTALLA CITY OF WWT LAGOON	ETOWAH	COOSA RIVER	12
Alabama	AL0044857	CENTREVILLE BRENT LAGOON	BIBB	CAHABA RIVER	12
Alabama	AL0023418	JASPER WWSB INC WWTP	WALKER	TOWN CREEK TO CANE CREEK	12
Alabama	AL0020885	CHICKASAW CITY OF UTILITY BD	MOBILE	CHICKASAW CREEK	12
Alabama	AL0020061	ENTERPRISE CITY OF N E LAGOON	COFFEE	HARRAND CREEK	12
Alabama	AL0002658	U S ARMY ANNISTON ARMY DEPOT	CALHOUN	CHOCALOCCO DRY CANE CREEKS	12
Alabama	AL0041653	HOOVER CITY OF RIVERCHASE WWTP	JEFFERSON	CAHABA RIVER	11
Alabama	AL0022357	TALLADEGA CITY OF WSB MAIN PLT	TALLADEGA	TALLADEGA CREEK	10
Alabama	AL0020991	BRIDGEPORT UTILITIES BD LAGOON	JACKSON	TENNESSEE RIVER	10
Alabama	AL0022225	MONTGOMERY CITY OF ECONCHATE	MONTGOMERY	ALABAMA RIVER	9
Alabama	AL0020486	TALLASSEE SEWER STABILIZATION	ELMORE	TALLAPOOSA RIVER	9
Alabama	AL0020206	ATHENS UTILITIES WWTP	LIMESTONE	TOWN CREEK	9
Alabama	AL0029378	AMERICAN CAST IRON PIPE CO	JEFFERSON	VILLAGE CR	8
Alabama	AL0023400	WINFIELD WW AND SB WWTP	MARION	LUXAPALLILA CREEK EAST BRANCH	8
Alabama	AL0049557	ATMORE CITY OF UTIL BOARD WWTP	ESCAMBIA	BOGGY BRANCH	7
Alabama	AL0025984	TUSKEGEE CITY OF SOUTH WPC PLT	MACON	CALEBEE CREEK	7
Alabama	AL0023825	BREWTON CITY OF LAGOON	ESCAMBIA	MURDER CREEK	7
Alabama	AL0022632	BAYOU LA BATRE U B WWTP	MOBILE	PORTSVILLE BAY	7
Alabama	AL0064394	NORTHPORT CITY OF WWTP	TUSCALOOSA	MILL CREEK	6
Alabama	AL0026590	JIM WALTER RESOURCES MINE 4	TUSCALOOSA	UT TO BLUFF CK UT TO BLACK BRANCH	6
Alabama	AL0024724	EAST AL WATER LOWER VALLEY WTP	CHAMBERS	CHATTAHOOCHEE RIVER	6
Alabama	AL0024376	PIEDMONT WWTP	CALHOUN	NANCES CREEK	6
Alabama	AL0023884	FLORENCE CITY OF CYPRESS CREEK	LAUDERDALE	TENNESSEE RIVER	6
Alabama	AL0023205	PRICHARD WWSB C A MORRIS PT	MOBILE	THREE MILE CREEK	6
Alabama	AL0002968	WESTPOINT STEVENS OPELIKA FN	LEE	PEPPERELL BRANCH	6
Alaska	AK0043451	UNALASKA, CITY OF	ALEUTIAN ISLANDS DI	UNALASKA BAY	12
Alaska	AK0022951	JUNEAU, CITY & BOROUGH OF	JUNEAU DIV	MENDENHALL RIVER	12
Alaska	AK0021547	CORDOVA, CITY OF	CORDOVA-MCCARTHY DI	ORCA INLET	10
Alaska	AK0021440	KETCHIKAN, CITY OF	KETCHIKAN DIV	TONGASS NARROWS	7
Alaska	AK0020010	SKAGWAY, CITY OF	SKAGWAY-YAKUTAT DIV	TAIYA INLET	7
Alaska	AK0043206	KENNECOTT GREENS CRK MINING CO	JUNEAU DIV	HAWK INLET, ZINC AND GREENS CREEK	6
Arizona	AZ0020150	US IBWC	SANTA CRUZ	SANTA CRUZ RIVER	12
Arizona	AZ0023931	SUPERSTITION MOUNTAINS CFD #1	PINAL	MIDDLE GILA RIVER BASIN	10
Arkansas	AR0021661	CABOT WATER & WASTEWATER COMM.	LONOKE	TRIB, BU TWO PRAIRIE	11
Arkansas	AR0022292	DECATUR, CITY OF	BENTON	COLUMBIA HOLLOW CK,SPAVINAW CK	10
Arkansas	AR0021776	NASHVILLE, CITY OF	HOWARD	MINE CK,MILLWOOD LK,LITTLE RV,RED R	9
Arkansas	AR0036498	BENTON, CITY OF	SALINE	TRIB,DEPOT CK,SALINE RV	8
Arkansas	AR0021768	RUSSELLVILLE CITY CORPORATION	POPE	WHIG CK (001); ARKANSAS RV (002)	8
Arkansas	AR0020087	FORREST CITY, CITY OF	ST FRANCIS	TRIB,L'ANGUILLE RV,ST FRANCIS RV	7
Arkansas	AR0001678	USA-PINE BLUFF ARSENAL	JEFFERSON	TRIB/PHILLIPS CK & ARKANSAS RV	7
Arkansas	AR0001171	GREAT LAKES CHEMICAL CORP-CENT	UNION	BU DE LOUTRE;LTL CORNIE BU;OUACHITA	7
Arkansas	AR0047279	CONWAY, CITY OF-TUCKER CREEK W	FAULKNER	ARKANSAS RV	6
Arkansas	AR0034380	STUTTGART, CITY OF	ARKANSAS	DIT,KING BU,BU METO,ARKANSAS RV	6
Arkansas	AR0033987	DUMAS, CITY OF	DESHA	CAN #19,BU MACON,OUACHITA RV	6

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
Arkansas	AR0001163	REMINGTON ARMS COMPANY, INC	LONOKE	BU METO,ARKANSAS RV	6
California	CA0108928	US IBWC	SAN DIEGO	PACIFIC OCEAN	12
California	CA0107492	PADRE DAM MWD	SAN DIEGO	SYCAMORE CREEK	12
California	CA0105619	YUCAIPA VALLEY WATER DISTRICT	SAN BERNARDINO	SAN TIMOTEO CREEK	12
California	CA0079898	GRASS VALLEY, CITY OF	NEVADA	WOLF CREEK	12
California	CA0079171	WEST SACRAMENTO, CITY OF	YOLO	SACRAMENTO RIVER	12
California	CA0079138	STOCKTON, CITY OF	SAN JOAQUIN	SAN JOAQUIN RIVER	12
California	CA0053597	CAMARILLO SANITARY DISTRICT	VENTURA	CONEJO CREEK	12
California	CA0048216	WATSONVILLE, CITY OF	SANTA CRUZ	PACIFIC OCEAN	12
California	CA0005894	STOCKTON PACIFIC ENTERPRISES	HUMBOLDT	PACIFIC OCEAN	12
California	CA0038768	AMERICAN CANYON, CITY OF	SOLANO	NAPA RIVER/SAN PABLO BAY	10
California	CA8000188	EASTERN MUNICIPAL WATER DIST	RIVERSIDE	LAKE ELSINORE AND TEMESCAL CREEK	8
California	CA0054216	LA CO SANITATION DISTRICTS	LOS ANGELES	SANTA CLARA RIVER	8
California	CA0038130	SOUTH SAN FRANCISCO STP	SAN MATEO	LOWER S.F. BAY	8
California	CA0001201	AES CORPORATION	LOS ANGELES	PACIFIC OCEAN	8
California	CA8000383	CORONA CITY	RIVERSIDE	TEMESCAL CREEK	7
California	CA0078662	EL DORADO IRRIGATION DISTRICT	EL DORADO	DEER CREEK	7
California	CA0055221	SIMI VALLEY, CITY OF	VENTURA	ARROYO SIMI	7
California	CA0054372	AVALON, CITY OF	LOS ANGELES	PACIFIC OCEAN	7
California	CA0047953	PASO ROBLES, CITY OF	SAN LUIS OBISPO	SALINAS RIVER	7
California	CA0047856	CA DEPT OF CORRECTIONS	SAN LUIS OBISPO	CHORRO CREEK	7
California	CA0028070	SAN FRANCISCO, CITY & COUNTY	SAN MATEO	LOWER S.F. BAY	7
California	CA0024490	MCKINLEYVILLE CSD	HUMBOLDT	MAD RIVER	7
California	CA0022756	CRESCENT CITY	DEL NORTE	PACIFIC OCEAN	7
California	CA0022713	ARCATA, CITY OF	HUMBOLDT	HUMBOLDT BAY/	7
California	CA0000353	LOS ANGELES, CITY OF DWP	LOS ANGELES	SAN GABRIEL RIVER	7
California	CA0107981	ESCONDIDO,CITY OF	SAN DIEGO	PACIFIC OCEAN	6
California	CA0081558	MANTECA, CITY OF	SAN JOAQUIN	SAN JOAQUIN RIVER	6
California	CA0079260	YUBA CITY	SUTTER	FEATHER RIVER	6
California	CA0053911	LA CO SANITATION DISTRICTS	LOS ANGELES	SAN JOSE CREEK	6
California	CA0038776	PACIFICA, CITY OF	SAN MATEO	CALERA CREEK/PACIFIC OCEAN	6
California	CA0038067	SAUSALITO-MARIN CITY SAN DIST	MARIN	CENTRAL BAY	6
California	CA0022730	FORTUNA, CITY OF	HUMBOLDT	EEL R	6
California	CA0005134	CHEVRON USA INC.	CONTRA COSTA	SAN PABLO BAY	6
Colorado	C00040681	ARAPAHOE COUNTY W&WW AUTHORITY	ARAPAHOE	GROUNDWATER & LONE TREE CREEK	7
Colorado	C00021261	LA JUNTA, CITY OF	OTERO	ULTIMATELY TO ARKANSAS RIVER	6
Connecticut	CT0101273	NEW CANAAN STP	FAIRFIELD	FIVE MILE RIVER	12
Connecticut	CT0100056	BRIDGEPORT-WEST WPCA	FAIRFIELD	CEDAR CREEK/LONG ISLAND SOUND	12
Connecticut	CT0001384	415 WASHINGTON AVE. PARTNERS	NEW HAVEN	QUINNIPIAC RIVER	12
Connecticut	CT0101010	BRIDGEPORT-EAST SIDE WPCF	FAIRFIELD	POQUONNOCK RIVER	10
Connecticut	CT0100552	SUFFIELD WPCF	HARTFORD	STONY BROOK	10
Connecticut	CT0003921	NAVAL SUBMARINE BASE NEW LONDO	NEW LONDON	THAMES RIVER	9
Connecticut	CT0100854	RIDGEFIELD (TOWN OF)	FAIRFIELD	GREAT SWAMP TRIP TO NORWALK RIVER	8
Connecticut	CT0100374	BRISTOL WATER RECLAMATION FAC.	HARTFORD	PEQUABUCK RIVER	8
Connecticut	CT0100315	MERIDEN WPCF	NEW HAVEN	QUINNIPIAC RIVER	8
Connecticut	CT0003824	ELECTRIC BOAT CORPORATION	NEW LONDON	THAMES RIVER	8
Connecticut	CT0100480	ROCKY HILL WPCP	HARTFORD	CONNECTICUT RIVER	7
Connecticut	CT0100366	NEW HAVEN EAST SHORE WPCF	NEW HAVEN	NEW HAVEN HARBOR	7
Connecticut	CT0100323	MIDDLETOWN WPCF	MIDDLESEX	CONNECTICUT RIVER	7
Connecticut	CT0101320	UNIVERSITY OF CONNECTICUT	TOLLAND	WILLMANTIC RIVER	6

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
Connecticut	CT0101231	NORFOLK SEWER DISTRICT	LITCHFIELD	BLACKBERRY RIVER	6
Connecticut	CT0100781	THOMASTON WPCF	LITCHFIELD	NAUGATUCK RIVER	6
Connecticut	CT0100714	CITY OF SHELTON, CITY HALL	FAIRFIELD	HOUSATONIC RIVER	6
Connecticut	CT0100609	VERNON WPCF	TOLLAND	HOCKAMAN RIVER	6
Connecticut	CT0100382	NEW LONDON STP	NEW LONDON	THAMES RIVER	6
Connecticut	CT0100307	MATTABASSETT DISTRICT CROMWELL	MIDDLESEX	CONNECTICUT RIVER	6
Delaware	DE0000655	GENERAL CHEMICAL CORPORATION	NEW CASTLE	DELAWARE RIVER	10
Florida	FL0041670	NORTHWEST REGIONAL WRF	HILLSBOROUGH	CHANNEL A, ROCKY CREEK, OLD TAMPA B	12
Florida	FL0027839	MONTICELLO-STP	JEFFERSON	AUCILLA RV	12
Florida	FL0027511	ARCADIA - WILLIAM TYSON WWTP	DE SOTO	PEACE RIVER	12
Florida	FL0021466	AUBURNDALE STP	POLK	LAKE LENA RUN AND PEACE RV	12
Florida	FL0021440	ESCAMBIA CNTY-MAIN STREET WTP	ESCAMBIA	PENSACOLA BAY	12
Florida	FL0020141	SANFORD-MUNICIPAL WTP	SEMINOLE	LAKE MONROE	12
Florida	FL0172090	NEW SMYRNA BEACH AWT FACILITY	VOLUSIA		11
Florida	FL0038857	APALACHICOLA, CITY OF	FRANKLIN	TRIB TO HUCKLEBERRY CR	11
Florida	FL0020559	PORT ORANGE WWTP	VOLUSIA	HALIFAX RV	11
Florida	FL0030325	FL CITIES WATER-WATERWAY EST	LEE	CALOOSAATCHIE RV	9
Florida	FL0021661	VERO BEACH WWTP-INDIAN RIVER	INDIAN RIVER	INDIAN RV	9
Florida	FL0021105	COCOA BEACH WTP	BREVARD	BANANA RV	9
Florida	FL0026867	BLOUNTSTOWN-STP	CALHOUN	SUTTON CR	8
Florida	FL0024007	SANTA ROSA ISL-PENSCLA BCH STP	ESCAMBIA	SANTA ROSA SOUND	8
Florida	FL0021938	ST AUGUSTINE STP NO 1	ST JOHNS	MATANZAS RV	8
Florida	FL0000051	E I DUPONT DE NEMOURS - TRAILR	BRADFORD	ALLIGATOR CREEK	8
Florida	FL0173371	SPENCER'S WWTP	CLAY	SPENCER WETLAND	7
Florida	FL0040771	SARASOTA CITY OF WWTP	SARASOTA	WHITAKER BAYOU	7
Florida	FL0034789	MID-COUNTY SERVICES, INC(DYNA-	PINELLAS	CURLEW CR, ST JOSEPH SOUND	7
Florida	FL0032816	FL CITIES WATER CO - GULF GATE	SARASOTA	MATHENY CR	7
Florida	FL0027880	JASPER-WWTP	HAMILTON	BAIDEN SWAMP	7
Florida	FL0026557	PLANT CITY STP	HILLSBOROUGH	WEST SIDE CANAL TO PEMBERTON CREEK	7
Florida	FL0025984	DAYTONA BCH REG/BETH PT WWTP'S	VOLUSIA	HALIFAX RV	7
Florida	FL0024805	MIAMI-VIRGINIA KEY WTP	DADE	ATLANTIC OCEAN	7
Florida	FL0169978	CITY OF LYNN HAVEN	BAY		6
Florida	FL0040983	HILLSBOROUGH CTY VALRICO WWTP	HILLSBOROUGH	TO TURKEY CREEK, ALAFIA, TAMPA BAY	6
Florida	FL0034657	CORONET INDUSTRIES INC	HILLSBOROUGH	CL-ENGLISH CR	6
Florida	FL0032808	SOUTH GATE AWWTP	SARASOTA	PHILLIPPI CR	6
Florida	FL0031771	BROWARD CO-NO REG PLT-WWTP	BROWARD	ATLANTIC OCEAN	6
Florida	FL0029033	CITY OF QUINCY WWTP	GADSDEN	QUINCY CR	6
Florida	FL0027677	HOLLY HILL ADVANCED WWTF	VOLUSIA	HALIFAX RV	6
Florida	FL0021369	BRADENTON WTP	MANATEE	MANATEE RV	6
Florida	FL0020532	ORMOND BEACH STP	VOLUSIA	HALIFAX RV	6
Florida	FL0000922	USN MAYPORT NAVAL STATION WWTF	DUVAL	SAINT JOHNS RIVER	6
Georgia	GA0047147	AUGUSTA (SPIRIT CRK WPCP)	RICHMOND	SPIRIT CRK TRIB/ SAV. RV	12
Georgia	GA0034584	ATHENS CEDAR CREEK WPCP	CLARKE	OCONEE RIVER	12
Georgia	GA0026000	JESUP WPCP	WAYNE	ALTAMAHA RIVER	9
Georgia	GA0021725	ATHENS NORTH OCONEE WPCP	CLARKE	NO OCONEE RV	8
Georgia	GA0021521	SAINT SIMONS ISLAND WPCP	GLYNN	DUNBAR CR	8
Georgia	GA0021041	BARNESVILLE (WPCP)	LAMAR	TOBESOFKEE CR	8
Georgia	GA0047589	LAVONIA WPCP	FRANKLIN	BEAR CRK TO UNAWATTI TRIB/BROAD RV	7
Georgia	GA0031984	COLUMBIA COUNTY (CRAWFORD CRK)	COLUMBIA	CRAWFORD CR TRIB/TURDOR BR. TRIB	7
Georgia	GA0025674	CANTON WPCP	CHEROKEE	ETOWAH RV/COOSA RV BASIN	7

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Georgia	GA0025585	BLAKELY WPCP	EARLY	BAPTIST BRANCH TRIB TO FLINT RVR	7
Georgia	GA0035777	PEACHTREE CTY (LINE CRK WPCP)	FAYETTE	LINE CRK TRIB./ FLINT RIVER..	6
Georgia	GA0021334	PERRY WPCP	HOUSTON	BIG INDIAN CR	6
Georgia	GA0003646	KERR-MCGEE PIGMENTS	CHATHAM	SAVANNAH RV	6
Hawaii	HI0020117	HONOLULU, CITY & CNTY	HONOLULU	PACIFIC OCEAN	12
Hawaii	HI0110230	US NAVY	HONOLULU	PEARL HARBOR	11
Hawaii	HI0000094	MAUI ELECTRIC CO LTD	MAUI	PACIFIC OCEAN	10
Idaho	ID0020818	SODA SPRINGS, CITY OF	CARIBOU	BEAR RIVER	12
Idaho	ID0020095	BURLEY, CITY OF	CASSIA	SNAKE RIVER	12
Idaho	ID0021300	SOUTH FORK COEUR D'ALENE RSD	SHOSHONE	SOUTH FORK COEUR D'ALENE RIVER	9
Idaho	ID0021491	MOSCOW, CITY OF	LATAH	PARADISE CREEK	6
Illinois	IL0048526	ROMEVILLE STP #1 AND #2	WILL	DES PLAINES RIVER	12
Illinois	IL0031488	TROY STP	MADISON	TROY CK-WENDEL BR-SILVER CK-KSKSKIA	11
Illinois	IL0030660	PERU STP #1	LA SALLE	ILLINOIS RIVER	11
Illinois	IL0024767	SPRINGFIELD CWLP	SANGAMON	LAKE SPRINGFIELD	11
Illinois	IL0022519	JOLIET EAST STP	WILL	HICKORY CREEK AT DES PLAINES RIVER	11
Illinois	IL0023329	ALGONQUIN STP	MCHENRY	FOX RIVER	10
Illinois	IL0062260	ELBURN STP	KANE	WELCH CR-BIG ROCK CR-FOX RI-IL RI	9
Illinois	IL0021989	SPRINGFIELD SD SPRING CREEK	SANGAMON	SANGAMON RIVER AND SPRING CREEK	9
Illinois	IL0021130	BLOOMINGDALE-REEVES WRF	DU PAGE	EAST BRANCH DUPAGE RIVER	9
Illinois	IL0055913	MINOOKA STP	WILL	DUPAGE RIVER TO DES PLAINES RIVER	8
Illinois	IL0026514	ROCK FALLS STP	WHITESIDE	ROCK RIVER	8
Illinois	IL0023027	DEKALB SANITARY DISTRICT STP	DE KALB	S BR KISHWAUKEE RVR TO ROCK RIVER	8
Illinois	IL0021067	MCHENRY CENTRAL STP	MCHENRY	FOX RIVER	8
Illinois	IL0020575	PRINCETON STP	BUREAU	SKIN-EPPERSON-BIG BUREAU-IL RVR	8
Illinois	IL0034622	REICHHOLD INC-MORRIS PLT	GRUNDY	ILLINOIS RIVER	7
Illinois	IL0034592	ARGONNE NATIONAL LABS	DUPAGE	UNNAMED TRIB SAWMILL CK,DES PLAINES	7
Illinois	IL0033481	GRANITE CITY REGIONAL STP	MADISON	CHAIN OF ROCKS CANAL	7
Illinois	IL0031526	URBANA-CHAMPAIGN SD SW STP	CHAMPAIGN	COPPER SLOUGH	6
Illinois	IL0029343	KEWANEE STP	HENRY	WEST FORK SPOON RIVER TO IL RIVER	6
Illinois	IL0023141	GALESBURG SD STP	KNOX	CEDAR CREEK & COURT CREEK	6
Indiana	IN0000281	U.S. STEEL LLC - GARY WORKS	LAKE	GRAND CALUMET R TO LAKE MICHIGAN	12
Indiana	IN0032964	CRAWFORDSVILLE WWTP, CITY OF	MONTGOMERY	OR/WABASH RIVER/SUGAR CREEK	11
Indiana	IN0022977	GARY WASTEWATER TREATMENT PLNT	LAKE	GRAND CALUMET R & LITTLE CALUMET R	11
Indiana	IN0032719	ELWOOD WWTP, CITY OF	MADISON	OR/W FK WHITE/LITTLE DUCK CREEK	10
Indiana	IN0025135	AUSTIN MUNICIPAL WWTP	SCOTT	MUSCATATUCK R VIA STUCKER CR -HUTTO	10
Indiana	IN0021296	ANGOLA MUNICIPAL WWTP	STEBEN	PIGEON CREEK VIA H.D. WOOD DITCH	10
Indiana	IN0022829	EAST CHICAGO MUNICIPAL STP	LAKE	GRAND CALUMET R TO LAKE MICHIGAN	9
Indiana	IN0039314	DECATUR MUNICIPAL STP	ADAMS	ST MARYS RIVER	8
Indiana	IN0032972	SPEEDWAY MUNICIPAL STP	MARION	EAGLE CR TO W FK WHITE RIVER	8
Indiana	IN0003573	G.M. CORP., POWERTRAIN DIV.	LAWRENCE	SALT CR VIA PLEASANT RUN CREEK	8
Indiana	IN0056049	JENNINGS NORTHWEST REGIONAL UT	JENNINGS	VERNON FK MUSCATATUCK VIA SIX MILE	7
Indiana	IN0032336	CONNERSVILLE MUNICIPAL STP	FAYETTE	WHITEWATER R (W FK)	7
Indiana	IN0032328	PERU MUNICIPAL STP	MIAMI	WABASH RIVER	7
Indiana	IN0025666	MADISON MUNICIPAL STP	JEFFERSON	OHIO RIVER	7
Indiana	IN0024902	PERU UTILITIES GRISSOM DIV. O	MIAMI	PIPE CREEK, CLINE D., MCDOWELL D.	7
Indiana	IN0023132	HUNTINGTON MUNICIPAL WWTP	HUNTINGTON	OHIO RIVER FROM WABASH RIVER	7
Indiana	IN0020834	JASPER MUNICIPAL STP	DUBOIS	PATOKA RIVER	7
Indiana	IN0055760	CLAY TOWNSHIP RWD	BOONE	EAGLE CR TO W FK WHITE RIVER	6
Indiana	IN0032867	SHELBYVILLE MUNICIPAL STP	SHELBY	BIG BLUE R TO DRIFTWOOD RIVER	6

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Indiana	IN0024473	SEYMOUR MUNICIPAL STP	JACKSON	E FK WHITE R TO WHITE R TO WABASH R	6
Indiana	IN0024414	RENSELAER MUNICIPAL STP	JASPER	IROQUOIS RIVER	6
Indiana	IN0023914	NEW CASTLE MUNICIPAL STP	HENRY	BIG BLUE R TO DRIFTWOOD RIVER	6
Indiana	IN0023582	LIGONIER MUNICIPAL STP	NOBLE	ELKHART R TO ST JOSEPH RIVER	6
Iowa	IA0036153	GARNER CITY OF STP	HANCOCK	EAST BRANCH IOWA RIVER	11
Iowa	IA0035866	KNOXVILLE CITY OF STP	MARION	COMPETINE CREEK	11
Iowa	IA0036625	WEBSTER CITY, CITY OF STP	HAMILTON	BOONE RIVER	10
Iowa	IA0024554	CARLISLE CITY OF STP	POLK	DES MOINES RIVER	10
Iowa	IA0032905	NORTH LIBERTY CITY OF STP	JOHNSON	IOWA RIVER	9
Iowa	IA0023744	ESTHERVILLE CITY OF STP	EMMET	DES MOINES RIVER	8
Iowa	IA0047970	MOUNT PLEASANT CITY OF STP (MA	HENRY	BIG CREEK	7
Iowa	IA0042609	KEOKUK CITY OF STP	LEE	MISSISSIPPI RIVER	7
Iowa	IA0032751	ORANGE CITY CITY OF STP	SIOUX	WEST BRANCH FLOYD RIVER	6
Iowa	IA0032662	SHELDON CITY OF STP	O BRIEN	FLOYD RIVER	6
Iowa	IA0032344	OELWEIN CITY OF STP	FAYETTE	OTTER CREEK	6
Iowa	IA0032328	SHENANDOAH CITY OF STP	PAGE	EAST NISHNABOTNA RIVER	6
Kansas	KS0042722	TOPEKA (OAKLAND) WWTP	SHAWNEE	KANSAS R	9
Kansas	KS0051942	ABILENE, CITY OF	DICKINSON	LWR SMOKY HILL RIVER	8
Kansas	KS0088269	JOCO MILL CREEK REGIONAL WTF	JOHNSON	KANSAS RIVER	7
Kansas	KS0032123	IOLA, CITY OF	ALLEN	NEOSHO RIVER	7
Kansas	KS0055484	JOCO TOMAHAWK WWTP	JOHNSON	INDIAN CR VIA TOMAHAWK CR	6
Kentucky	KY0082007	GEORGETOWN STP #2	SCOTT	LANES RUN	12
Kentucky	KY0020036	NICHOLASVILLE STP	JESSAMINE	TOWN BR	12
Kentucky	KY0103578	HONEY BRANCH REGIONAL STP	JOHNSON	JOHNS CRK	10
Kentucky	KY0072761	MURRAY STP	CALLOWAY	BEE CRK / CLARKS RV	8
Kentucky	KY0033553	WURLAND STP	GREENUP	OHIO RIVER	7
Kentucky	KY0023370	CYNTHIANA STP	HARRISON	LICKING RIVER / SOUTH FORK	7
Kentucky	KY0022861	FRANKFORT MUNICIPAL STP	FRANKLIN	KENTUCKY RIVER	6
Kentucky	KY0020079	HAZARD STP	PERRY	KENTUCKY RIVER / NORTH FORK	6
Louisiana	LA0044008	NEW IBERIA, CITY OF (ADMIRAL D	IBERIA	SEG 0609 VERMILION-TECHE BASIN	12
Louisiana	LA0043915	WINNFIELD, CITY OF-WATER PLT	WINN	CREOSOTE BRANCH	12
Louisiana	LA0036412	E BATON ROUGE CITY-PAR (SOUTH)	EAST BATON ROUGE	MISSISSIPPI RIVER	12
Louisiana	LA0067083	SULPHUR,CITY OF-WWTP	CALCASIEU	CALCASIEU RIVER	10
Louisiana	LA0042048	JEFFERSON PARISH-MARRERO STP	JEFFERSON	MAYRONNE CANAL/MILLAUDON CANAL	10
Louisiana	LA0020630	FERRIDAY, TOWN OF	CONCORDIA	SEG 1016 COCODRIE BAYOU	10
Louisiana	LA0045730	DENHAM SPRINGS, CITY OF	LIVINGSTON	AMITE RIVER/LAKE PONTCHARTRAIN	9
Louisiana	LA0032131	ST CHARLES PARISH PH-LULING ST	SAINT CHARLES	GEORGE COUSIN CANAL	9
Louisiana	LA0004464	EXIDE CORP-SCHUYLKILL METALS	EAST BATON ROUGE	BAYOU BATON ROUGE	9
Louisiana	LA0002844	HOUSE OF RAEFORD FARMS OF LA.	BIENVILLE	SALINE BAYOU	9
Louisiana	LA0066621	VINTON, TOWN OF	CALCASIEU	COONEY GULLY-VINTON DRAINAGE CANAL	8
Louisiana	LA0032328	HAMMOND CITY OF SOUTH POND	TANGIPAOHA	NATALABANY R TICKFAW R L MAUREPAS	8
Louisiana	LA0051217	PUB SAFETY & CORRECT-ANGOLA	WEST FELICIANA	SUGAR LAKE BAYOU	7
Louisiana	LA0038962	MANSFIELD, CITY OF	DE SOTO	BAYOU NABONCHASSE	7
Louisiana	LA0036439	E BATON ROUGE CITY-PAR (NORTH)	EAST BATON ROUGE	MISSISSIPPI RIVER	7
Louisiana	LA0033227	SPRINGHILL, CITY OF-STP	WEBSTER	CROOKED CREEK-BAYOU DORCHEAT	7
Louisiana	LA0032417	CALUMET LUBRICANTS CO.,LP	CADDO	BRUSH BAYOU	7
Louisiana	LA0032310	HAMMOND CITY OF NORTH STP	TANGIPAOHA	PONCHATOLA CR-NATALBANY RV TICKFAW	7
Louisiana	LA0005941	CITGO PETROLEUM CORPORATION	CALCASIEU	0315	7
Louisiana	LA0003301	DOW CHEMICAL COMPANY	IBERVILLE	MISSISSIPPI RIVER BAYOU BOURBEAUX	7
Louisiana	LA0068730	GREENLEAVES UTILITY CO	SAINT TAMMANY		6

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Louisiana	LA0046515	CITY OF BOGALUSA WWTP	WASHINGTON	9C	6
Louisiana	LA0044695	PONCHATOULA, CITY OF	TANGIPAOHA	4D	6
Louisiana	LA0040941	CITY OF ST. MARTINVILLE	ST MARTIN	CYPRESS ISLAND COULEE	6
Louisiana	LA0038521	HOMER, CITY OF	CLAIBORNE	BAYOU DARBONNE/LAKE CLAIBORNE	6
Louisiana	LA0032221	USA-FORT POLK	VERNON	DRAKES CK-OUISKA CHITTO-CALCASIEU	6
Louisiana	LA0006289	FRANKLIN, CITY OF	ST MARY	SEG 060501 BAYOU YOKELY	6
Louisiana	LA0005606	ORMET PRIMARY ALUMINUM CORP	ASCENSION	SEG 070301 MISSISSIPPI RIVER	6
Maine	ME0100951	PARIS UTILITY DISTRICT	OXFORD	Little Androscoggin River	11
Maine	ME0100561	PRESQUE ISLE WWTF	AROOSTOOK	Presque Isle Stream	11
Maine	ME0101478	LEWISTON-AUBURN WWTF	ANDROSCOGGIN	Androscoggin River	10
Maine	ME0102075	EAST END WWTF	CUMBERLAND	Casco Bay	9
Maine	ME0100633	SOUTH PORTLAND, CITY OF	CUMBERLAND	Fore River	9
Maine	ME0100889	ELLSWORTH POLLUTION CONTROL	HANCOCK	UNION RIVER	8
Maine	ME0100625	SKOWHEGAN WWTF	SOMERSET	Kennebec River	8
Maine	ME0101095	LIMESTONE WATER AND SEWER DIST	AROOSTOOK	Limestone Stream	7
Maine	ME0100323	MACHIAS WWTF	WASHINGTON	Machias River	7
Maine	ME0100129	CALAIS WWTF	WASHINGTON	St Croix River	7
Maine	ME0102059	SCARBOROUGH SANITARY DISTRICT	CUMBERLAND	ATLANTIC OCEAN	6
Maine	ME0101346	NORTHEAST HARBOR WWTF	HANCOCK	Atlantic Ocean	6
Maine	ME0101290	HOULTON WATER COMPANY WWTF	AROOSTOOK	Meduxnekeag River	6
Maine	ME0100137	CAMDEN WWTF TOWN OF	KNOX	Camden Harbor	6
Maine	ME0100102	BRUNSWICK SEWER DISTRICT	CUMBERLAND	Androscoggin River	6
Maryland	MD0020613	PERRYVILLE WWTP	CECIL	MILL CREEK	11
Maryland	MD0003158	NAVAL SURFACE WARFARE CENTER	CHARLES	POTOMAC_RIVER - MATTAWOMEN CREEK	7
Massachusetts	MA0100986	EAST FITCHBURG W W T F	WORCESTER	NASHUA RIVER, NORTH BRANCH	12
Massachusetts	MA0100722	NORTHBRIDGE W W T P	WORCESTER	UNNAMED BROOK TO BLACKSTONE RIVER	12
Massachusetts	MA0100625	GLOUCESTER W P C F	ESSEX	GLOUCESTER HARBOR (ATLANTIC OCEAN)	12
Massachusetts	MA0100579	MILFORD W W T F	WORCESTER	CHARLES RIVER	12
Massachusetts	MA0100552	LYNN REGIONAL W P C F	ESSEX	LYNN HARBOR (BROAD SOUND)	12
Massachusetts	MA0100382	FALL RIVER W W T P	BRISTOL	MT HOPE BAY	12
Massachusetts	MA0100145	ROCKPORT W W T F	ESSEX	SANDY BAY (ATLANTIC OCEAN)	12
Massachusetts	MA0100030	MARION W W T F	PLYMOUTH	BROOK TO AUCOOT COVE TO BUZZARDS	12
Massachusetts	MA0101630	HOLYOKE W P C F	HAMPDEN	CONNECTICUT RIVER	11
Massachusetts	MA0101257	ORANGE W W T P	FRANKLIN	MILLERS RIVER	11
Massachusetts	MA0101214	GREENFIELD W P C P	FRANKLIN	GREEN RIVER TO DEERFIELD RIVER	11
Massachusetts	MA0101010	BROCKTON A W R F	PLYMOUTH	SALISBURY PLAIN RIVER	11
Massachusetts	MA0100412	WESTBOROUGH W W T P	WORCESTER	ASSABET RIVER	11
Massachusetts	MA0102253	MCI NORFOLK-WALPOLE WWTF	NORFOLK	STOP RIVER TO CHARLES RIVER	10
Massachusetts	MA0101800	WESTFIELD W P C P	HAMPDEN	WESTFIELD RIVER	10
Massachusetts	MA0101567	WARREN W W T F	WORCESTER	QUABOAG RIVER	10
Massachusetts	MA0100676	SOMERSET W P C F	BRISTOL	TAUNTON RIVER	10
Massachusetts	MA0100609	IPSWICH W W T F	ESSEX	GREENWOOD CREEK TO IPSWICH RIVER	10
Massachusetts	MA0100404	MWRA - CLINTON S T P	WORCESTER	NASHUA RIVER,SOUTH BR	10
Massachusetts	MA0002241	TAUNTON MUNICIPAL LIGHTING	BRISTOL	TAUNTON RIVER	10
Massachusetts	MA0102202	HOPEDALE W W T P	WORCESTER	MILL RIVER	9
Massachusetts	MA0101893	WAREHAM W P C F	PLYMOUTH	SUBSURFACE PERCOLATION/AGAWAM RIVER	9
Massachusetts	MA0101061	NORTH BROOKFIELD W W T P	WORCESTER	DUNN BROOK	9
Massachusetts	MA0100919	SPENCER W W T P	WORCESTER	CRANBERRY BROOK (SEVEN MILE RIVER)	9
Massachusetts	MA0100897	TAUNTON W W T P	BRISTOL	TAUNTON RIVER	9
Massachusetts	MA0102369	UPPER BLACKSTONE W P A D	WORCESTER	BLACKSTONE RIVER	8

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Massachusetts	MA0101923	ROCKLAND W W T P	PLYMOUTH	FRENCH STREAM	8
Massachusetts	MA0101036	NORTH ATTLEBOROUGH W W T P	BRISTOL	TEN MILE RIVER	8
Massachusetts	MA0100781	NEW BEDFORD W W T F	BRISTOL	NEW BEFFORD HARBOR, ACUSHNET RIVER	8
Massachusetts	MA0102873	SALISBURY W W T F	ESSEX	TIDAL CREEK TO MERRIMACK RIVER	7
Massachusetts	MA0102598	CHARLES RIVER P C D	NORFOLK	CHARLES RIVER	7
Massachusetts	MA0101711	BILLERICA W W T P	MIDDLESEX	CONCORD RIVER	7
Massachusetts	MA0101311	GRAFTON W W T P	WORCESTER	BLACKSTONE RIVER	7
Massachusetts	MA0101052	ERVING CENTER WWTP #2	FRANKLIN	MILLERS RIVER	7
Massachusetts	MA0100994	GARDNER W P C F	WORCESTER	OTTER RIVER	7
Massachusetts	MA0100889	WARE W W T P	HAMPSHIRE	WARE RIVER	7
Massachusetts	MA0100340	TEMPLETON W W T F	WORCESTER	OTTER RIVER	7
Massachusetts	MA0100013	AYER W W T P	MIDDLESEX	NASHUA RIVER	7
Massachusetts	MA0100480	MARLBOROUGH WESTERLY W W T P	MIDDLESEX	ASSABET RIVER	6
Massachusetts	MA0100447	GREATER LAWRENCE S D	ESSEX	MERRIMACK RIVER	6
Massachusetts	MA0100439	WEBSTER W W T F	WORCESTER	FRENCH RIVER	6
Massachusetts	MA0100196	UPTON W W T P	WORCESTER	WEST RIVER	6
Massachusetts	MA0004898	MIRANT KENDALL LLC	MIDDLESEX	CHARLES RIV (& VIA BROAD CANAL)	6
Michigan	MI0000540	BASF-WYANDOTTE	WAYNE	DETROIT RIVER-TRENTON CHANNEL	12
Michigan	MI0022802	DETROIT WWTP	WAYNE	DETROIT RIVER	11
Michigan	MI0020273	SOUTH LYON WWTP	OAKLAND	YERKES DRAIN	10
Michigan	MI0023680	NEW BALTIMORE WWTP	MACOMB	CRAPAUD CREEK	9
Michigan	MI0002496	GREAT LAKES TISSUE CO	CHEBOYGAN	CHEBOYGAN RIVER	9
Michigan	MI0045942	LEONI TWP WWTP	JACKSON	UNNAMED TRIBUTARY OF GRAND RIVER	8
Michigan	MI0024295	WARREN WWTP	MACOMB	RED RUN	8
Michigan	MI0022381	BIG RAPIDS WWTP	MECOSTA	MUSKEGON RIVER	8
Michigan	MI0021334	LUDINGTON WWTP	MASON	PERE MARQUETTE RIVER	8
Michigan	MI0038105	WYANDOTTE ELECTRIC PLANT & WFP	WAYNE	DETROIT RIVER	7
Michigan	MI0023205	IRON MOUNTAIN-KINGSFORD WWTP	DICKINSON	MENOMINEE RIVER	7
Michigan	MI0021113	HOWELL WWTP	LIVINGSTON	MARION & GENOA DRAIN	7
Michigan	MI0020125	GOGEBIC-IRON WW AUTHORITY WWTP	GOGEBIC	MONTREAL RIVER	7
Michigan	MI0004154	MARTIN MARIETTA-MAGN SPEC INC	MANISTEE	MANISTEE LAKE, MANISTEE R CHAN	7
Michigan	MI0044415	DOUBLE EAGLE STEEL COATING CO	WAYNE	ROUGE RIVER - ROULO CREEK	6
Michigan	MI0026191	GROSSE ILE TWP WWTP	WAYNE	TRENTON CHANNEL-DETROIT RIVER	6
Michigan	MI0024023	SALINE WWTP	WASHTENAW	SALINE RIVER	6
Minnesota	MN0040665	SO MINNESOTA BEET SUGAR COOP	RENVILLE	CD 37-E FK BEAVE	11
Minnesota	MN0046981	NORTHSHORE MINING CO;CLIFFS MN	SAINT LOUIS	PRTRDG R(2223)DNKA R,LNGLY CR(0702)	7
Mississippi	MS0029513	DCRUA/OLIVE BRANCH POTW	DE SOTO	CAMP CREEK	12
Mississippi	MS0025526	MCCOMB POTW - EAST SAND FILTER	PIKE	TOWN CREEK	12
Mississippi	MS0020362	FOREST POTW	SCOTT	GORDY BRANCH	12
Mississippi	MS0054992	CLINTON POTW - SOUTHSIDE	HINDS	BAKERS CREEK	10
Mississippi	MS0036111	TUPELO POTW	LEE	DIRECTLY INTO TOWN CREEK	10
Mississippi	MS0044164	COLUMBIA POTW - SOUTH	MARION	PEARL RIVER	9
Mississippi	MS0055581	ABERDEEN - POTW EAST WWTF	MONROE	TENN-TOMBIGBEE WATERWAY	8
Mississippi	MS0020117	MERIDIAN POTW	LAUDERDALE	SOWASHEE CREEK	8
Mississippi	MS0027294	E I DU PONT DE NEMOURS-DELISLE	HARRISON	SAINT LOUIS BAY	7
Mississippi	MS0020176	LAUREL GEORGE GADY NO 2	JONES	TALLAHALLA CREEK	7
Mississippi	MS0003115	MISSISSIPPI PHOSPHATES CORP	JACKSON	BAYOU CASOTTE	7
Mississippi	MS0027774	KOSCIUSKO POTW - SOUTH	ATTALA	YOCKANOOKANY CREEK	6
Mississippi	MS0024619	INDIANOLA POTW	SUNFLOWER	SUNFLOWER RIVER	6
Mississippi	MS0024147	BROOKHAVEN POTW	LINCOLN	HALBERT BRANCH	6

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
Mississippi	MS0020788	WEST POINT POTW - WEST	CLAY	TOWN CREEK TO DRAINAGE DITCH	6
Missouri	MO0025283	UNION WWTF	FRANKLIN	BOURBEUSE R.	12
Missouri	MO0023221	MACON WWTF	MACON	SEWER CR	11
Missouri	MO0101087	LBVSD, ATHERTON PLANT	JACKSON	MISSOURI R.	10
Missouri	MO0101702	EXIDE TECHNOLOGIES	HOLT	CANON CR TO KINSEY B	9
Missouri	MO0054623	TROY WWTF	LINCOLN	CUIVRE R.	7
Missouri	MO0001171	AECI, NEW MADRID POWER PL	NEW MADRID	MISS/PORTAGE BAYOU	7
Missouri	MO0100218	DOE RUN, WEST FORK UNIT	DENT	WEST FORK BLACK R	6
Missouri	MO0097837	COLUMBIA REGIONAL WASTEWA	BOONE	EAGLE BLUFFS CONSERV	6
Nebraska	NE0027936	GERING WWTF	SCOTTS BLUFF	NORTH PLATTE R	9
Nebraska	NE0021245	NEBRASKA CITY WWTF	OTOE	MISSOURI RIVER	9
New Hampshire	NH0100455	DURHAM W W T F	STRAFFORD	OYSTER RIVER ESTUARY	12
New Hampshire	NH0000655	FRASER PAPER N.H. LLC	COOS	ANDROSCOGGIN RIVER	12
New Hampshire	NH0100625	HAMPTON W W T P	ROCKINGHAM	TIDE MILL CREEK VIA TRIBUTARY	11
New Hampshire	NH0100234	PORTSMOUTH-PIERCE ISLAND WWTP	ROCKINGHAM	PISCATAQUA RIVER	11
New Hampshire	NH0100277	SOMERSWORTH W P C F	STRAFFORD	SALMON FALLS RIVER	10
New Hampshire	NH0001562	WAUSAU PAPERS OF NH, INC.	COOS	CONNECTICUT AND AMMONOOSUC RIVERS	10
New Hampshire	NH0100692	EPPING	ROCKINGHAM	LAMPREY RIVER	9
New Hampshire	NH0100447	MANCHESTER W W T F	HILLSBOROUGH	MERRIMACK RIVER & PISCATAQUOG RIVER	9
New Hampshire	NH0022055	ENVIROSYSTEMS INCORPORATED	ROCKINGHAM	TAYLOR RIVER	9
New Hampshire	NH0100854	FARMINGTON W W T P	STRAFFORD	COCHECO RIVER	8
New Hampshire	NH0090000	PEASE DEVELOPMENT AUTHORITY	ROCKINGHAM	GREAT BAY	8
New Hampshire	NH0001465	P.S. OF NH-MERRIMACK STATION	MERRIMACK	MERRIMACK RIVER	8
New Hampshire	NH0101311	DOVER-HUCKLEBERRY HILL W W T P	STRATFORD	PISCATAQUA RIVER	7
New Hampshire	NH0100145	LANCASTER W W T F	COOS	CONNECTICUT RIVER	7
New Hampshire	NH0023361	NEWINGTON POWER FACILITY	ROCKINGHAM	PISCATAQUA RIVER	7
New Hampshire	NH0100790	KEENE W W T F	CHESHIRE	ASHUELOT RIVER	6
New Hampshire	NH0100706	LINCOLN W W T P	GRAFTON	PEMIGEWASSETT RIVER - EAST BRANCH	6
New Hampshire	NH0100650	PETERBOROUGH W W T F	HILLSBOROUGH	CONTOOCOOK RIVER	6
New Hampshire	NH0100595	JAFFREY W W T F	CHESHIRE	CONTOOCOOK RIVER	6
New Hampshire	NH0100471	MILFORD W W T F	HILLSBOROUGH	SOUHEGAN RIVER	6
New Hampshire	NH0100382	HINSDALE W W T P	CHESHIRE	ASHUELOT RIVER	6
New Hampshire	NH0100099	HANOVER W W T P	GRAFTON	GENERAL PERMIT NHGS80099	6
New Jersey	NJ0034339	NORTH BERGEN MUA	HUDSON	NONE	12
New Jersey	NJ0025160	HAMMONTON WTPF	ATLANTIC	HAMMONTON CR	12
New Jersey	NJ0026182	CAMDEN COUNTY MUA	CAMDEN	DELAWARE RIVER (ZONE 3)	11
New Jersey	NJ0024791	RIDGEWOOD VILLAGE OF WPCP	BERGEN	AQUIFER	9
New Jersey	NJ0005045	FERRO CORP	GLOUCESTER	DELAWARE RIVER	8
New Jersey	NJ0025321	WEST NEW YORK MUA STP	HUDSON	HUDSON RIVER	7
New Jersey	NJ0005100	E I DU PONT DE NEMOURS	SALEM	DELAWARE RIVER	7
New Jersey	NJ0004391	COLORITE POLYMERS COMPANY	BURLINGTON	MARTER'S DITCH	7
New Jersey	NJ0026832	MEDFORD TOWNSHIP STP	BURLINGTON	SW BR RANCOCAS	6
New Jersey	NJ0023728	PINE BROOK STP	MONMOUTH	W MONMOUTH UTIL	6
New Mexico	NM0029165	RUIDOSO-RUIDOSO DOWNS WWTP-LIN	LINCOLN	SEG 2-208 PECOS RIVER BASIN	12
New Mexico	NM0020141	LOS ALAMOS COUNTY (BAYO CANYON	LOS ALAMOS	BAYOU CANYON	6
New York	NY0033308	SENECA FALLS (V) WWTP	SENECA	SENECA R	12
New York	NY0023531	FARMINGTON (T) STP	ONTARIO	MUD CK	12
New York	NY0026131	WARD ISLAND WPC	NEW YORK	EAST R	11
New York	NY0024414	BINGHAMTON-JOHNSON (C) JNT STP	BROOME	SUSQUEHANNA R	11
New York	NY0030988	GREENPORT (T) STP	COLUMBIA	CLAVERACK CK	10

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New York	NY0026689	YONKERS JOINT WWTP	WESTCHESTER	HUDSON R	10
New York	NY0021750	PORT JEFFERSON SD#1 STP	SUFFOLK	PORT JEFFERSON HARBOR	10
New York	NY0022411	SILVER CREEK (V) WWTP	CHAUTAUQUA	SILVER CK	9
New York	NY0022365	WATERLOO (V) STP	SENECA	SENECA R	9
New York	NY0021849	ATTICA (V) WWTP	WYOMING	TONAWANDA CK	9
New York	NY0020290	AMSTERDAM (C) WWTP	MONTGOMERY	MOHAWK R	9
New York	NY0026034	EAST GREENBUSH (T) WWTP	RENSSELAER	HUDSON R	8
New York	NY0024929	WHITEHALL (V) STP	WASHINGTON	CHAMPLAIN BARGE	8
New York	NY0024821	HOOSICK FALLS (V) WWTP	RENSSELAER	HOOSIC R	8
New York	NY0023582	CHATHAM (V) WWF	COLUMBIA	STONY KILL	8
New York	NY0022128	GREAT NECK (V) WPCP	NASSAU	MANHASSET BAY	8
New York	NY0021547	GRANVILLE (V) WWTP	WASHINGTON	METTAWEE R	8
New York	NY0021423	NORWICH (C) WWTP	CHENANGO	CHENANGO R	8
New York	NY0020419	WILSON (V) WWTP	NIAGARA	LAKE ONTARIO	8
New York	NY0006262	DANSKAMMER GENERATING STATION	ORANGE	HUDSON R	8
New York	NY0029726	PENN YAN (V) WWTP	YATES	KEUKA OUTLET	7
New York	NY0028851	STONY POINT (T) WWTP	ROCKLAND	HUDSON R	7
New York	NY0027961	DUNKIRK (C) WWTP	CHAUTAUQUA	LAKE ERIE	7
New York	NY0027901	OCS D #1 HARRIMAN STP	ORANGE	RAMAPO R	7
New York	NY0027618	WETZEL ROAD WWTP	ONONDAGA	SENECA R	7
New York	NY0026956	ONEIDA (C) STP	MADISON	ONEIDA CK	7
New York	NY0026301	FULTON (C) WPCP	OSWEGO	OSWEGO R	7
New York	NY0022039	HUDSON (C) STP	COLUMBIA	HUDSON R	7
New York	NY0020681	BLASDELL (V) WWTP	ERIE	LAKE ERIE	7
New York	NY0020656	SPENCERPORT (V) WWTP	MONROE	NORTHROP CK	7
New York	NY0020508	SALAMANCA (C) WWTP	CATTARAUGUS	ALLEGHENY R	7
New York	NY0020125	LOWVILLE (V) MUNICIPAL PCP	LEWIS	MILL CK	7
New York	NY0005711	LOVETT GENERATING STATION	ROCKLAND	HUDSON R UN TR	7
New York	NY0095401	ERIE CO/SOUTHTOWNS SEW TRT FAC	ERIE	LAKE ERIE	6
New York	NY0032328	CONESUS LAKE COUNTY SD	LIVINGSTON	CONESUS CK	6
New York	NY0030490	WALDEN (V) STP	ORANGE	WALKILL R	6
New York	NY0030317	OAK ORCHARD WWTP	ONONDAGA	ONEIDA R	6
New York	NY0027693	GRAND ISLAND SD#2 WWTP	ERIE	NIAGARA R	6
New York	NY0027561	LE ROY R SUMMERSON WWTF	CORTLAND	TIOUGHNOGA R	6
New York	NY0026743	YORKTOWN HEIGHTS SD WWTP	WESTCHESTER	HALLOCKS MILL BK	6
New York	NY0024520	SOUTH FALLSBURG (T) WWTP	SULLIVAN	NEVERSINK R	6
New York	NY0020354	LAWRENCE (V) STP	NASSAU	BANNISTER CK	6
New York	NY0008231	ROSETON GENERATING STATION	ORANGE	HUDSON R	6
New York	NY0005916	KEYSPAN-GLENWOOD POWER STATION	NASSAU	HEMPSTEAD HARBOR	6
New York	NY0005096	IBM - EAST FISHKILL FAC	DUTCHESS	GILDERSLEEVE BK	6
New York	NY0002143	NOVELIS CORP	OSWEGO	LAKE ONTARIO	6
North Carolina	NC0025577	Red Springs WWTP	ROBESON	Little Raft Swamp	12
North Carolina	NC0005266	Louisiana Pacific Corp LP Roar	WILKES	YADKIN RIVER	11
North Carolina	NC0021920	Whiteville Whitemarsh WWTP	COLUMBUS	White Marsh	10
North Carolina	NC0004952	CNA Holdings Inc Ticona Fac	CLEVELAND	Buffalo Creek	9
North Carolina	NC0085359	Union Co Twelve Mile Crk WWTP	UNION	Twelvemile Creek	8
North Carolina	NC0039578	Tuckaseegee W&S Auth Jackson C	JACKSON	Tuckaseegee River	8
North Carolina	NC0031879	Marion Corpeneing Creek WWTP	MCDOWELL	Youngs Fork (Coperning Creek)	8
North Carolina	NC0024112	Thomasville Hamby Creek WWTP	DAVIDSON	Hamby Creek	7
North Carolina	NC0004812	Pharr Yarns Inc Pharr Yarns In	GASTON	South Fork Catawba River	7

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
North Carolina	NC0030970	Spring Lake WWTP	CUMBERLAND	Little River (Lower Little River)	6
North Carolina	NC0030716	Johnston Co Department Of Publ	JOHNSTON	NEUSE RIVER	6
North Carolina	NC0024872	Davie Co Wtr Sys Cooleemee WWT	DAVIE	South Yadkin River	6
North Carolina	NC0020044	Williamston WWTP	MARTIN	ROANOKE RIVER	6
North Dakota	ND0024279	AMERICAN CRYSTAL SUGAR HILLSBO	TRAILL	GOOSE RIVER	6
Ohio	OH0045322	WEST CARROLLTON PARCHMENT	MONTGOMERY	OWL CREEK	12
Ohio	OH0027936	CITY OF WADSWORTH	MEDINA	RIVER STYX	12
Ohio	OH0024040	CITY OF BEDFORD	CUYAHOGA	WOOD CREEK	11
Ohio	OH0020532	CITY OF BRYAN	WILLIAMS	PRAIRIE CREEK	11
Ohio	OH0011550	ORMET PRIMARY ALUMINUM CORP	MONROE	OHIO RIVER	11
Ohio	OH0011339	WHEELING-PITTSBURGH STEEL	BELMONT	OHIO RIVER	11
Ohio	OH0052744	CITY OF FOSTORIA	SENECA	PORTAGE RIVER	10
Ohio	OH0048372	MIBA AG	MORGAN	MUSKINGUM RIVER	10
Ohio	OH0045721	MEANDER CREEK WWTP	MAHONING	MEANDER CREEK	10
Ohio	OH0023221	CITY OF RAVENNA	PORTAGE	HOMMON AVE DITCH	10
Ohio	OH0007269	DOVER CHEMICAL	TUSCARAWAS	SUGAR CREEK	10
Ohio	OH0127931	CINCINNATI GAS & ELECTRIC COMP	LAWRENCE	OHIO RIVER (MILE MARKER 333)	9
Ohio	OH0076490	OHIO DEPT OF REHAB & CORR	ROSS	SCIOTO RIVER	9
Ohio	OH0049379	CLERMONT CO. COMMISSIONERS	CLERMONT	UNT EAST FORK OF LITTLE MIAMI	9
Ohio	OH0028223	CITY OF YOUNGSTOWN	MAHONING	MAHONING RIVER	9
Ohio	OH0027324	CITY OF SALEM	COLUMBIANA	MIDDLE FORK, LITTLE BEAVER CREEK	9
Ohio	OH0026352	CITY OF MARION	MARION	LITTLE SCIOTO RIVER	9
Ohio	OH0024911	CITY OF DELAWARE	DELAWARE	OLENTANGY RIVER	9
Ohio	OH0020834	CITY OF JACKSON	JACKSON	SALT LICK CREEK	9
Ohio	OH0090131	PORTAGE CTY SANITARY ENG	PORTAGE	TINKERS CREEK	8
Ohio	OH0037249	BOARDMAN WASTEWATER PLANT	MAHONING	MILL CREEK	8
Ohio	OH0025011	CITY OF ENGLEWOOD	MONTGOMERY	STILLWATER RIVER	8
Ohio	OH0024686	CITY OF CLYDE	SANDUSKY	RACCOON CREEK	8
Ohio	OH0021083	CITY OF GREENFIELD	HIGHLAND	PAINT CREEK	8
Ohio	OH0011371	WHEELING PITTSBURG STEEL	JEFFERSON	OHIO RIVER	8
Ohio	OH0094684	UNION ROME TWP SUB-SEWER DI	LAWRENCE	OHIO RIVER	7
Ohio	OH0049361	CLERMONT COUNTY COMMISS	CLERMONT	NINE MILE CREEK	7
Ohio	OH0028185	CITY OF WOOSTER	WAYNE	WALHONDING RIVER	7
Ohio	OH0027952	CITY OF WAPAKONETA	AUGLAIZE	AUGLAIZE RIVER	7
Ohio	OH0027600	CITY OF STRUTHERS	MAHONING	MAHONING	7
Ohio	OH0025364	CITY OF GIRARD	TRUMBULL	LITTLE SQUAW CREEK	7
Ohio	OH0024139	BOWLING GREEN	WOOD	N. BRANCH OF PORTAGE RIVER	7
Ohio	OH0052876	CITY OF PORT CLINTON	OTTAWA	PORTAGE RIVER	6
Ohio	OH0043494	GEAUGA COUNTY COMMISSIONERS	GEAUGA	AURORA BRANCH CHAGRIN RIVER	6
Ohio	OH0027511	CITY OF STEUBENVILLE	JEFFERSON	OHIO RIVER	6
Ohio	OH0025763	CITY OF HEATH	LICKING	SOUTH FORK LICKING RIVER	6
Ohio	OH0025313	CITY OF GALION	CRAWFORD	OLENTANGY RIVER	6
Ohio	OH0024741	CITY OF COLUMBUS-SOUTHERLY	FRANKLIN	SCIOTO RIVER	6
Ohio	OH0023914	CITY OF ASHTABULA	ASHTABULA	LAKE ERIE	6
Ohio	OH0023540	CITY OF SHELBY	RICHLAND	BLACKFORK RIVER	6
Ohio	OH0020664	CITY OF CRESTLINE	CRAWFORD	PARAMOUR CREEK	6
Ohio	OH0011355	WHEELING PITTSBURG STEEL	JEFFERSON	OHIO RIVER	6
Ohio	OH0010910	TITANIUM METALS CORP.	JEFFERSON	JEDDO RUN	6
Ohio	OH0004901	BURNHAM CORPORATION	MUSKINGUM	LICKING RIVER	6
Ohio	OH0001872	DETXEY CORP.	ASHTABULA	FIELDS BROOK	6

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
Ohio	OH0001112	CLEVE ELEC ILLUMINATING CO	LORAIN	LAKE ERIE	6
Oklahoma	OK0038440	ARDMORE, CITY OF	CARTER	310800 SAND CK/TR/CADDO CK/WASHITA	12
Oklahoma	OK0027677	IDABEL PUBLIC WORKS AUTHORITY	MCCURTAIN	410200 MUD CREEK/THE LITTLE RIVER	12
Oklahoma	OK0021521	BROKEN BOW PUBLIC WORKS AUTH.	MCCURTAIN	410200 TRIB/YANUBBEE CK/LITTLE RIVR	12
Oklahoma	OK0035246	LAWTON, CITY OF-LAWTON STP	COMANCHE	311300 NINEMILE CREEK/E CACHE CK	10
Oklahoma	OK0026093	MCALISTER, CITY OF (WEST PLANT	PITTSBURG	220600 SANDY CK UNMD TRIB/DEER CK	9
Oklahoma	OK0021610	POTEAU, CITY OF	LE FLORE	220100 POTEAU RIVER	9
Oklahoma	OK0031798	MIAMI, CITY OF -SOUTHEAST WSTW	OTTAWA	121600 NEOSHO RIVER	8
Oklahoma	OK0026115	ADA, CITY OF	PONTOTOC	520600 LITTLE SANDY CREEK	8
Oklahoma	OK0000825	WYNNEWOOD REFINING COMPANY	GARVIN	310810030020 WASHITA RIVER	8
Oklahoma	OK0026816	MUSTANG IMPROVEMENT AUTHORITY	CANADIAN	520610 CANADIAN RIVER	6
Pennsylvania	PA0026778	WINDBER AREA AUTH	CAMBRIA	UNT OF STONY CREEK & STONY CREEK	12
Pennsylvania	PA0006327	ALLEGHENY LUDLUM CORP	WESTMORELAND	KISKIMINETAS RV & ELDER RUN	12
Pennsylvania	PA0005037	EME HOMER CITY GENERATION LP	INDIANA	TRIB TWO LICK CREEK/BLACKLICK CR	12
Pennsylvania	PA0004057	SPECIALTY TIRES OF AMERICA INC	INDIANA	UNT OF WHITES RUN	12
Pennsylvania	PA0002437	SHENANGO INC	ALLEGHENY	OHIO RIVER	12
Pennsylvania	PA0012751	ZINC CORP OF AMERICA - PALMERT	CARBON	AQUASHICOLA CREEK & LEHIGH RIVER	11
Pennsylvania	PA0005011	RELIANT ENERGY NORTHEAST MGMT	INDIANA	CONEMAUGH RIVER	11
Pennsylvania	PA0045021	MSC PRE FINISH METALS INC	BUCKS	BILES CREEK	10
Pennsylvania	PA0028142	PA NATIONAL GUARD - FORT INDIA	LEBANON	SWATARA CREEK IN WATERSHED 7-D	10
Pennsylvania	PA0027430	JEANNETTE CITY MUN AUTH	WESTMORELAND	BRUSH CREEK	10
Pennsylvania	PA0002208	HORSEHEAD CORP	BEAVER	OHIO RIVER	10
Pennsylvania	PA0027294	BRISTOL BORO WATER & SEW AUTH	BUCKS	OTTER CREEK	9
Pennsylvania	PA0026468	LOWER BUCKS COUNTY JOINT MUN A	BUCKS	DELAWARE RIVER (ESTUARY ZONE)	9
Pennsylvania	PA0023469	HONESDALE BORO	WAYNE	LACKAWAXEN RIVER	9
Pennsylvania	PA0008265	APPLETON PAPERS INC - SPRING M	BLAIR	FRANKSTOWN BRANCH JUNIATA RIVER	9
Pennsylvania	PA0223034	DUFERCO FARRELL CORP	MERCER	SHENANGO RIVER IN WTRSHD 20-A	8
Pennsylvania	PA0027511	NEW CASTLE SAN AUTH	LAWRENCE	MAHONING RIVER	8
Pennsylvania	PA0027138	SHARON CITY	MERCER	SHENANGO RIVER IN WATERSHED 20-A	8
Pennsylvania	PA0026387	ST MARYS MUN AUTH	ELK	ELK CREEK	8
Pennsylvania	PA0023124	ALBION BORO	ERIE	CONNEAUT CREEK	8
Pennsylvania	PA0021601	HAMBURG MUN AUTH	BERKS	SCHUYLKILL RIVER IN WTRSHD 3-D	8
Pennsylvania	PA0002895	ALLEGHENY ENERGY SUPPLY CO LLC	WASHINGTON	MONONGAHELA RVR	8
Pennsylvania	PA0216941	FOREST HILLS MUN AUTH	CAMBRIA	LITTLE CONEMAUGH RIVER	7
Pennsylvania	PA0046906	MOON TWP MUN AUTH	ALLEGHENY	OHIO RIVER (AS OF 3/1/06)	7
Pennsylvania	PA0035360	PLUM BORO MUN AUTH-HOLIDAY PK	ALLEGHENY	ABERS CREEK	7
Pennsylvania	PA0027715	MAX ENVIRONMENTAL TECH INC	WESTMORELAND	SEWICKLEY CREEK & UNT TO SEWICKLEY	7
Pennsylvania	PA0026450	BRISTOL TWP AUTH	BUCKS	DELAWARE RIVER - ZONE 2	7
Pennsylvania	PA0025933	LOCK HAVEN CITY	CLINTON	BALD EAGLE CREEK	7
Pennsylvania	PA0023043	NORTH EAST BORO	ERIE	SIXTEEN MILE CREEK	7
Pennsylvania	PA0110663	CRESSON BORO MUN AUTH	CAMBRIA	LITTLE CONEMAUGH RIVER	6
Pennsylvania	PA0025615	FIRST ENERGY NUCLEAR OPERATING	BEAVER	OHIO RIVER & PEGGS RUN	6
Pennsylvania	PA0021687	WELLSBORO MUN AUTH	TIOGA	MARSH CREEK	6
Pennsylvania	PA0000868	WHEATLAND TUBE CO - DIVISION O	MERCER	SHENANGO RIVER	6
Rhode Island	RI0000191	KENYON INDUSTRIES, INC.	WASHINGTON	PAWCATUCK RIVER	12
Rhode Island	RI0100293	NEWPORT WWTF	NEWPORT	NEWPORT HARBOR, NORTH END	10
Rhode Island	RI0100153	WEST WARWICK WWTF	KENT	PAWTUXET RIVER	10
Rhode Island	RI0100005	BRISTOL WWTF	BRISTOL	BRISTOL HARBOR, NARRAGANSETT BAY	9
Rhode Island	RI0100013	VEOLIA WATER-CRANSTON WPCF	PROVIDENCE	PAWTUXET RIVER	8
Rhode Island	RI0000132	CLARIANT CORPORATION	KENT	PAWTUXET RIVER (SOUTH BRANCH)	8

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Rhode Island	RI0100072	NBC - BUCKLIN POINT WWTF	PROVIDENCE	SEEKONK/MOSHASSUCK & BLACKSTONE RIV	7
Rhode Island	RI0100111	WOONSOCKET WWTF	PROVIDENCE	BLACKSTONE RIVER	6
Rhode Island	RI0100048	EAST PROVIDENCE WPCF	PROVIDENCE	NARRAGANSETT BAY	6
South Carolina	SC0046841	WILLIAMSTON/BIG CRK E.-SALUDA	ANDERSON	SALUDA RIVER	11
South Carolina	SC0002518	DEROYAL TEXTILES	KERSHAW	Wateree River	10
South Carolina	SC0046892	LANCASTER/CATAWBA RIVER	LANCASTER	CATAWBA RIVER	9
South Carolina	SC0023264	KAWASHIMA TEXTILE USA INC	KERSHAW	Wateree River	8
South Carolina	SC0035971	KINGSTREE, TOWN OF	WILLIAMSBURG	BLACK RV	7
South Carolina	SC0025356	TIMMONSVILLE, TOWN OF	FLORENCE	SPARROW SWAMP TO LYNCHES RIVER	7
South Carolina	SC0021598	MONCKS CORNER WWTF	BERKELEY	COOPER RIVER	6
South Carolina	SC0021300	LYMAN, CITY OF	SPARTANBURG	MIDDLE TYGER RIVER	6
Tennessee	TN0026247	BELLS LAGOON	CROCKETT	FORKED DEER RV	12
Tennessee	TN0021865	PORTLAND STP	SUMNER	TR-SUMMERS BR	12
Tennessee	TN0020079	MARYVILLE STP	BLOUNT	TENN RI MI 637.0	11
Tennessee	TN0075078	BROWNSVILLE WWT LAGOON	HAYWOOD	SOUTH FORK FORKED DEER RV ML 30.6	10
Tennessee	TN0062308	SELMER STP	MCNAIRY	Cypress Creek @ Mile 14.5	10
Tennessee	TN0062111	NEWBERN STP	DYER	OBION RIVER AT MILE 46.0	10
Tennessee	TN0026158	ROCKWOOD STP	ROANE	BLACK CR	9
Tennessee	TN0022888	LEWISBURG STP	MARSHALL	BIG ROCK CREEK AT MILE 16.8	9
Tennessee	TN0020672	ROGERSVILLE STP	HAWKINS	CHEROKEE LK-RM 9	9
Tennessee	TN0020494	LENOIR CITY STP	LOUDON	TENNESSEE RI-MI	9
Tennessee	TN0024830	WAVERLY LAGOON	HUMPHREYS	TENNESSEE RIVER-RIVER MILE 94	8
Tennessee	TN0024287	HALLSDALE-POWELL-BEAVR CR. ST	KNOX	BEAVER CR	8
Tennessee	TN0024180	SHELBYVILLE STP	BEDFORD	DUCK RI MI 221.3	8
Tennessee	TN0022551	LAWRENCEBURG STP	LAWRENCE	SHOAL CR	8
Tennessee	TN0021687	PULASKI STP	GILES	RICHLAND CR	8
Tennessee	TN0021296	USA FT CAMPBELL STP	MONTGOMERY	LT WEST FK CR	8
Tennessee	TN0020877	LAFAYETTE STP	MACON	TOWN CR MI 1.3	8
Tennessee	TN0000264	ROLLEX ALUMINUM	MADISON	ANDERSON BRANCH	8
Tennessee	TN0020613	MCKENZIE STP	CARROLL	CLEAR CREEK	7
Texas	TX0077232	CIBOLO CREEK MUNICIPAL AUTHORI	BEXAR	MID CIBOLO CREEK	12
Texas	TX0054526	SEAGOVILLE CITY OF	DALLAS	UNNAMED TRIBUTARY, TRINITY RIVER	12
Texas	TX0053112	THE COLONY, CITY OF	DENTON	LAKE LEWISVILLE	12
Texas	TX0047601	SAN BENITO, CITY OF	CAMERON	SEG, 2202 NUECES-RIO GRANDE COSTAL	12
Texas	TX0025950	NORTH TEXAS MWD	COLLIN	UNNAMED TRIB,MUDDY CREEK,LAKE RAY H	12
Texas	TX0009148	CONOCOPHILLIPS COMPANY	HUTCHINSON	CANADIAN RIVER	12
Texas	TX0023647	LAGUNA MADRE WATER DISTRICT	CAMERON	TIDAL MUD FLAT, VADIA ANCHA, BROWNS	11
Texas	TX0092801	LUMBERTON MUD NO. 2	HARDIN	BOGGY CREEK	10
Texas	TX0025461	LAREDO, CITY OF	WEBB	RIO GRANDE	9
Texas	TX0092789	TEXAS DEPARTMENT OF CRIMINAL J	WALKER	UNNAMED DITCH;WEST TURKEY CREEK	8
Texas	TX0047881	PASADENA, CITY OF-GOLDEN ACRE	HARRIS	BOGGY B. HOUSTON SHIP CHANNEL	8
Texas	TX0089184	HARRIS COUNTY MUD NO 221	HARRIS	HCFC;CYPRESS CREEK	7
Texas	TX0071340	BROWNSVILLE PUBLIC UTILITIES B	CAMERON	CAMERON COUNTY DRAINAGE	7
Texas	TX0057622	ALAMO, CITY OF	HIDALGO	HIDALGO COUNTY DRAINAGE DITCH	7
Texas	TX0046990	BEAUMONT, CITY OF	JEFFERSON	NATURAL WETLAND, HILLEBRANDT BAYOU	7
Texas	TX0034886	HOUSTON, CITY OF (EASTHAVEN)	HARRIS	BERRY CREEK; BERRY BAYOU SIMS BAYOU	7
Texas	TX0032344	ATLANTA, CITY OF	CASS	SEG NO 0406 CYPRESS CREEK BASIN	7
Texas	TX0024686	GARLAND, CITY OF (ROWLETT CREE	DALLAS	MILLS BRANCH/ROWLETT CREEK	7
Texas	TX0001465	MCWANE INC*	SMITH	SEG 0506 SABINE RIVER BASIN	7
Texas	TX0106721	ENTERPRISE PRODUCTS OPERATING	HARRIS	PIPELINE TO BARBOURS CUT, NAT DRAIN	6

State	Facility Number	Facility Name	County Name	Receiving Water	# of Reporting Periods with Exceedance
Texas	TX0101281	GEORGETOWN, CITY OF	WILLIAMSON	UNNAMED TRIB OF MANKINS BRANCH, MAN	6
Texas	TX0023094	UVALDE, CITY OF	UVALDE	CCOKS SLOUGH, LEONA RIVER	6
Texas	TX0007285	AGRIFOS FERTILIZER, INC.	HARRIS	SEG NO 1007 SAN JACINTO RIVER BASIN	6
Texas	TX0004715	ALCOA WORLD ALUMINA LLC AND AL	CALHOUN	LAVACA BAY	6
Utah	UT0020222	MORONI FEED/WASTEWATER	SANPETE	SAN PITCH RIVER	8
Virginia	VA0090263	North Fork Modular Reclamation	ROCKINGHAM	N. FORK SHENANDOAH	11
Virginia	VA0061590	Culpeper Wastewater Treatment	CULPEPER	MOUNTAIN RUN	9
Virginia	VA0060968	Aquia Wastewater Treatment Pla	STAFFORD	AUSTIN RUN	7
Virginia	VA0026514	Dahlgren District Wastewater T	KING GEORGE	WILLIAMS CREEK	7
Virginia	VA0025020	Western Virginia Water Authori	ROANOKE	ROANOKE RIVER	6
Washington	WA0000540	COLUMBIA GORGE ALUMINUM COMPAN	KLICKITAT	COLUMBIA RIVER	11
Washington	WA0000299	EVERGREEN ALUMINUM LLC	CLARK	COLUMBIA RIVER	11
Washington	WA0023345	SHELTON STP	MASON	HAMMERSLEY INLET (PUGET SOUND)	9
Washington	WA0020800	PROSSER STP	BENTON	YAKIMA RIVER	8
Washington	WA0044652	PULLMAN WWTP	WHITMAN	SOUTH FORK PALOUSE RIVER	6
West Virginia	WV0021792	CITY OF PETERSBURG	GRANT	Lunice Creek of South Potomac River	12
West Virginia	WV0003336	ISG WEIRTON, INC.	HANCOCK	OHIO RIVER	12
West Virginia	WV0082759	BERKELEY COUNTY PSSD	BERKELEY	EAGLE RUN	11
West Virginia	WV0020630	SUMMERSVILLE TOWN OF	NICHOLAS	ARBUCKLE CREEK/Gauley River/Kanawha	11
West Virginia	WV0023205	CHARLESTON CITY OF	KANAWHA	KANAWHA RIVER	10
West Virginia	WV0026271	WILLIAMSON CITY OF	MINGO	TUG FK	9
West Virginia	WV0023299	NITRO CITY OF	KANAWHA	KANAWHA RIVER/Ohio River	9
West Virginia	WV0037486	UNION PSD	MONROE	Kanawha River/Ohio River	7
West Virginia	WV0020028	ELKINS CITY OF	RANDOLPH	Tygart Valley River/Monongahela Riv	7
West Virginia	WV0032590	LUBECK PSD	WOOD	OHIO	6
West Virginia	WV0026832	WELLSBURG CITY OF	BROOKE	OHIO RIVER	6
West Virginia	WV0024589	WELCH CITY OF	MCDOWELL	Tug Fork/Big Sandy River/Ohio River	6
West Virginia	WV0021822	GRAFTON CITY OF	TAYLOR	Tygart Valley River/Monongahela Riv	6
West Virginia	WV0004588	KOPPERS INDUSTRIES INC	BROOKE	OHIO RIVER	6
West Virginia	WV0004359	PPG INDUSTRIES INC	MARSHALL	OHIO RIVER	6
West Virginia	WV0002372	QUALA SYSTEMS INC	KANAWHA	UT/KANAWHA RIVER MP 47.9	6
Wisconsin	WI0000531	OCONTO FALLS TISSUE INC	OCONTO	OCONTO R	9
Wisconsin	WI0025763	WEST BEND CITY WWTF	WASHINGTON	MILWAUKEE R	8
Wisconsin	WI0020044	RHINELANDER CITY OF	ONEIDA	PELICAN R	6

End Notes

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