



June 14, 1989

NOTE:

TO: Environmental Legislative Assistants

For your information, I have attached a copy of the EPA's June 13, 1989, press release on Toxic pollutants in U.S. Waters. EPA action has been taken pursuant to Section 304(1) of the Clean Water Act. JTI

If you have questions concerning these documents, please contact me at 382-5183 or the Regional Congressional Liaison in your Region.

A handwritten signature in cursive script that reads "Delia Scott".

Delia Scott
Office of Congressional Liaison

Attachment



Environmental News

FOR RELEASE: TUESDAY, JUNE 13, 1989

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EPA, STATES
PLAN CLEANUP
OF U.S. WATERS
PLAGUED BY
TOXICS

The U.S. Environmental Protection Agency today released a national summary of state lists identifying waterway segments throughout the country that are being contaminated with toxic pollutants, along with lists of specific sources of the pollution and plans to clean it up.

Fifty-five states and territories submitted lists showing 495 river, lake and other waterway segments contaminated by one or more of the 126 toxics. This contamination comes from a total of 769 facilities.

EPA is approving the majority of waterway designations, facility sources and control strategies submitted by the states, but has decided that some of the state submittals are incomplete. EPA is proposing to designate 100 additional waterway segments as toxic-contaminated and an additional 180 facilities as contributing to this contamination. This brings the total waterway segments impaired by toxics to 595 and the total facilities to 879.

"The Clean Water Act has already helped clean up many water bodies across the nation, and today's action is a major step in the continuing effort by EPA and the states to prevent toxic pollutants from contaminating a vital natural resource, our nation's waterways," said EPA Administrator William K. Reilly. "This is the first time we've ever been specific on the extent and sources of our remaining toxics problems and the strategies we need to eliminate them. I'm greatly encouraged by the cooperation of the states in expediting control of toxics. We look forward to working with them to solve the problems."

(more)

The lists of waterway segments and pollution-source-control strategies were submitted by the states to EPA in February, as authorized by section 304(1) of the Clean Water Act. This section was added by Congress in the 1987 Amendments to the Act to speed up industrial and municipal compliance with state water-quality standards.

Section 304(1) addresses all types of pollutants, but gives cleanup priority to toxic pollutants. "Toxic pollutants" has a very specific meaning in the law, referring to a list of 126 common, high-priority toxics (The list is attached to this release).

Section 304 (1) required states to submit four lists to EPA.

One list includes waters that will not achieve water-quality standards for the 126 toxics specified under section 307 (a) of the Clean Water Act, due to either point or non-point sources of pollution. A point source is any single identifiable source of pollution at a stationary location or fixed facility, e.g. a discharge pipe from a factory. Non-point sources are those which are diffuse and do not have a single point of origin, like runoff from farm fields or construction sites.

Another list is a comprehensive list of waters impaired by any pollutant to the extent that they need some type of pollution-control action to meet state water-quality standards.

Another list consists of those waters which, after application of best available pollution-control technology, are not expected to achieve applicable water-quality standards due "entirely or substantially" to point-source discharges of any of the 126 toxic pollutants.

Another list is a list of point sources affecting the water bodies contained in the "entirely or substantially" list directly above. For each water identified on the list directly above, states must identify the specific point source discharging the toxic pollutant and provide an individual control strategy for the source. The control strategy must reduce the discharge of toxic pollutants from the point source to achieve water-quality standards.

The lists of waters, point sources and individual control strategies were due to EPA regional offices by Feb. 4, 1989, and the EPA regions had to approve the lists and strategies by June 4. If an EPA region disapproved a list or strategy, it will work with the state to develop an adequate list or strategy by June 4, 1990.

Point sources subject to state individual control strategies must meet all applicable state water-quality standards by June 4, 1992; where EPA disapproved the state individual control strategies and issued its own, sources must meet all water-quality standards by June 4, 1993.

Of the facilities contributing to toxic contamination, about 240 are municipal discharges (such as sewage and stormwater) and about 627 are industrial sources, including 135 metal-finishing and manufacturing facilities, 94 pulp and paper mills, 21 petroleum-refining facilities and 27 organic chemical and plastics and synthetics plants. All other industrial categories numbered 20 or fewer facilities. In addition, there are 12 federal facilities on the lists. Municipal sewage-treatment plants may be listed because of toxic pollutants discharged to sewers by private industry.

In addition to the toxic list, states also submitted a comprehensive list of waters impaired by any type of pollutant. This list totals 17,365 waterway segments. Congress did not require states to submit a specific list of facilities contributing to this pollution. However, EPA and the states are required by other provisions of the Clean Water Act to ensure that all waters meet applicable standards. EPA is approving all the state-submitted waterway segments on this "long" list, but is adding several hundred more of its own designations.

For further information, contact Cynthia Dougherty, Permits Division Director, Office of Water Enforcement and Permits (EN-336), U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460; 202-475-9545 or Geoffrey Grubbs, Director, Assessment and Watershed Protection Division, Office of Water Regulations and Standards (WH-553), same street address as above; 202-382-7040.

#

126 PRIORITY POLLUTANTS

acenaphthene
 acrolein
 acrylonitrile
 benzene
 benzenes
 carbon tetrachloride (tetrachloromethane)
 chlorobenzene
 1,2,4-trichlorobenzene
 hexachlorobenzene
 1,2-dichloroethane
 1,1,1-trichloroethane
 hexachloroethane
 1,1-dichloroethane
 1,1,2-trichloroethane
 1,1,2,2-tetrachloroethane
 chloroethane
 bis(2-chloroethyl)ether
 2-chloroethyl vinyl ether (mixed)
 2-chloronaphthalene
 2,4,6-trichlorophenol
 para-chloro-meta-cresol
 chloroform (trichloromethane)
 2-chlorophenol
 1,2-dichlorobenzene
 1,3-dichlorobenzene
 1,4-dichlorobenzene
 3,3'-dichlorobenzidine
 1,1-dichloroethylene
 1,2-trans-dichloroethylene
 2,4-dichlorophenol
 1,2-dichloropropane
 1,3-dichloropropylene (1,3-dichloropropene)
 2,4-dimethylphenol
 2,4-dinitrotoluene
 2,6-dinitrotoluene
 1,2-diphenylhydrazine
 ethylbenzene
 fluoranthene
 4-chlorophenyl phenyl ether
 4-bromophenyl phenyl ether
 bis(2-chloroisopropyl)ether
 bis(2-chloroethoxy)methane
 methylene chloride (dichloromethane)
 methyl chloride (chloromethane)
 methyl bromide (bromomethane)
 bromoform (tribromomethane)
 dichlorodibromomethane
 chlorodibromomethane
 hexachlorobutadiene
 hexachlorocyclopentadiene
 isophorone

126 PRIORITY POLLUTANTS - Continued

naphthalene
nitrobenzene
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
N-nitrosodimethylamine
N-nitrosodiphenylamine
N-nitrosodi-n-propylamine
pentachlorophenol
phenol
bis(2-ethylhexyl) phthalate
butyl benzyl phthalate
di-n-butyl phthalate
di-n-octyl phthalate
diethyl phthalate
dimethyl phthalate
benzo(a)anthracene (1,2-benzanthracene)
benzo(a)pyrene (3,4-benzopyrene)
3,4-benzofluoranthene
benzo(k)fluoranthene (11,12-benzofluoranthene)
chrysene
acenaphthylene
anthracene
benzo(ghi)perylene (1,12-Benzoperylene)
fluorene
phenanthrene
dibenzo(a,h)anthracene (1,2,5,6-Dibenzanthracene)
ideno(1,2,3-cd)pyrene (2,3-o-Phenylenepyrene)
pyrene
tetrachloroethylene
toluene
trichloroethylene
vinyl chloride (chloroethylene)
aldrin
dieldrin
chlordan (technical mixture and metabolites)
4,4'-DDT
4,4'-DDE (p,p'DDX)
4,4'-DDD (p,p'TDE)
a-endosulfan-Alpha
b-endosulfan-Beta
endosulfan sulfate
endrin
endrin aldehyde
heptachlor
heptachlor epoxide
a-BHC-Alpha

126 PRIORITY POLLUTANTS - Continued

b-BHC-Beta
r-BHC (lindane)-Gamma
g-BHC-Delta
PCB-1242 (Arochlor 1242)
PCB-1254 (Arochlor 1254)
PCB-1221 (Arochlor 1221)
PCB-1232 (Arochlor 1232)
PCB-1248 (Arochlor 1248)
PCB-1260 (Arochlor 1260)
PCB-1016 (Arochlor 1016)
toxaphene
antimony
arsenic
asbestos (fibrous)
beryllium
cadmium
chromium (total)
copper
cyanide (total)
lead
mercury
nickel
selenium
silver
thallium
zinc
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)

304(1) PROGRAM SUMMARY
JUNE 12, 1989

114

REGION I	LIST 1 - WATERWAYS IMPAIRED FOR ANY REASON			LIST 2 - WATERWAYS IMPAIRED BY TOXICS FROM FACILITIES (FACTORIES, CITIES, ETC.)			LIST 3 - FACILITIES WHICH CAUSE IMPAIRMENT ON LIST 2			LIST 4 - POLLUTION DISCHARGE PERMITS FOR FACILITIES ON LIST 3			
	\$ APPROVED BY EPA	\$ EPA ADDITIONS	TOTAL	\$ APPROVED BY EPA	\$ EPA ADDITIONS	TOTAL	\$ APPROVED BY EPA	\$ EPA ADDITIONS	TOTAL	\$ APPROVED BY EPA	\$ DIS- APPROVED BY EPA	ADD'L \$ NEEDED	TOTAL
CT	182	0	182	19	0	19	29	0	29	26	0	3	29
ME	75	0	75	8	0	8	10	0	10	7	0	3	10
MA	29	0	29	18	0	18	21	0	21	21	0	0	21
NH	53	0	53	1	0	1	1	0	1	1	0	0	1
RI	33	0	33	1	0	1	3	0	3	3	0	0	3
VT	241	0	241	0	0	0	0	0	0	0	0	0	0
REGION II													
NJ	72	0	72	5	4	9	31	TBP	31	31	0	TBP	31
NY	758	0	758	6	0	6	5	0	5	5	0	0	5
PR	274	0	274	11	0	11	12	0	12	12	0	0	12
VI	23	0	23	0	0	0	0	0	0	0	0	0	0
REGION III													
DC	32	0	32	2	0	2	3	0	3	3	0	0	3
DE	22	0	22	5	0	5	10	0	10	10	0	0	10
MD	83	5	88	19	4	23	22	4	26	22	0	4	26
PA	693	0	693	100	0	100	180	0	180	0	180	0	180
VA	142	13	155	9	18	27	12	19	31	0	12	19	31
WV	1745	0	1745	3	0	3	3	0	3	3	0	0	3

TBP - To Be Provided

304(1) PROGRAM SUMMARY
JUNE 12, 1989

214

	LIST 1 - WATERWAYS IMPAIRED FOR ANY REASON			LIST 2 - WATERWAYS IMPAIRED BY TOXICS FROM FACILITIES (FACTORIES, CITIES, ETC.)			LIST 3 - FACILITIES WHICH CAUSE IMPAIRMENT ON LIST 2			LIST 4 - POLLUTION DISCHARGE PERMITS FOR FACILITIES ON LIST 3			
	% APPROVED BY EPA	% EPA ADDITIONS	TOTAL	% APPROVED BY EPA	% EPA ADDITIONS	TOTAL	% APPROVED BY EPA	% EPA ADDITIONS	TOTAL	% APPROVED BY EPA	% DIS- APPROVED BY EPA	ADD'L % NEEDED	TOTAL
REGION IV													
AL	327	0	327	15	0	15	16	0	16	6	10	0	16
FL	605	0	605	3	5	8	4	5	9	4	0	5	9
GA	73	229	302	19	4	23	18	4	22	3	15	4	22
KY	357	0	357	24	2	26	24	2	26	17	7	2	26
MS	527	0	527	10	0	10	10	0	10	8	2	0	10
NC	382	3	385	4	7	11	4	7	11	5	6	0	11
SC	241	0	241	20	0	20	19	0	19	15	4	0	19
TN	268	1	269	16	1	17	12	1	13	4	8	1	13
REGION V													
IL	1069	0	1069	7	0	7	6	0	6	5	1	0	6
IN	527	0	527	31	4	35	37	4	41	24	13	4	41
MI	256	0	256	18	0	18	18	0	18	13	5	0	18
MN	1140	0	1140	3	1	4	3	1	4	3	0	1	4
OH	805	0	805	22	4	26	25	5	30	18	7	5	30
WI	1124	0	1124	9	5	14	10	7	17	8	2	7	17

304(1) PROGRAM SUMMARY
JUNE 12, 1989

314

	LIST 1 - WATERWAYS IMPAIRED FOR ANY REASON			LIST 2 - WATERWAYS IMPAIRED BY TOXICS FROM FACILITIES (FACTORIES, CITIES, ETC.)			LIST 3 - FACILITIES WHICH CAUSE IMPAIRMENT ON LIST 2			LIST 4 - POLLUTION DISCHARGE PERMITS FOR FACILITIES ON LIST 3			
	# APPROVED BY EPA	# EPA ADDITIONS	TOTAL	# APPROVED BY EPA	# EPA ADDITIONS	TOTAL	# APPROVED BY EPA	# EPA ADDITIONS	TOTAL	# APPROVED BY EPA	# DIS- APPROVED BY EPA	ADD'L # NEEDED	TOTAL
REGION VI													
AR	126	10	136	0	8	8	0	5	5	0	0	5	5
LA	48	8	56	7	4	11	1	6	7	1	0	6	7
NM	236	0	236	0	1	1	0	1	1	0	0	1	1
OK	297	11	308	2	2	4	1	1	2	1	0	1	2
TX	52	11	63	2	4	6	0	6	6	0	0	6	6
REGION VII													
IA	54	0	54	8	0	8	11	0	11	11	0	0	11
KS	922	0	922	2	0	2	2	0	2	1	1	0	2
MO	151	0	151	4	0	4	4	0	4	4	0	0	4
NE	44	0	44	0	0	0	0	0	0	0	0	0	0
REGION VIII													
CO	96	0	96	11	1	12	11	1	12	2	7	3	12
MT	320	0	320	1	0	1	1	0	1	0	0	1	1
ND	24	59	83	0	0	0	0	0	0	0	0	0	0
SD	153	0	153	0	0	0	0	0	0	0	0	0	0
UT	0	131	131	0	8	8	0	8	8	0	0	8	8
WY	487	0	487	26	0	26	56	0	56	56	0	0	56

304(1) PROGRAM SUMMARY
JUNE 12, 1989

414

REGION IX	LIST 1 - WATERWAYS IMPAIRED FOR ANY REASON			LIST 2 - WATERWAYS IMPAIRED BY TOXICS FROM FACILITIES (FACTORIES, CITIES, ETC.)			LIST 3 - FACILITIES WHICH CAUSE IMPAIRMENT ON LIST 2			LIST 4 - POLLUTION DISCHARGE PERMITS FOR FACILITIES ON LIST 3			
	\$ APPROVED BY EPA	\$ EPA ADDITIONS	TOTAL	\$ APPROVED BY EPA	\$ EPA ADDITIONS	TOTAL	\$ APPROVED BY EPA	\$ EPA ADDITIONS	TOTAL	\$ APPROVED BY EPA	\$ DIS- APPROVED BY EPA	ADD'L \$ NEEDED	TOTAL
CA	130	165	295	5	12	17	8	22	30	7	1	22	30
HI	21	0	21	0	0	0	0	0	0	0	0	0	0
KV	10	0	10	1	0	1	1	0	1	0	1	0	1
GU	7	0	7	0	0	0	0	0	0	0	0	0	0
AS	3	0	3	0	0	0	0	0	0	0	0	0	0
CMHI	2	0	2	0	0	0	0	0	0	0	0	0	0
REGION X													
AK	35	0	35	1	0	1	1	0	1	1	0	0	1
ID	885	0	885	0	1	1	0	1	1	0	0	1	1
OR	233	0	233	3	0	3	3	0	3	3	0	0	3
WA	225	0	225	14	0	14	121	0	121	1	120	0	121
TOTALS	16719	646	17365	495	100	595	769	110	879	365	402	112	879

NOTES:

Arizona has an EPA action pending and is not represented in this report.

**SUMMARY OF TOXIC-IMPAIRED WATERWAYS AND FACILITIES THAT CAUSE IMPAIRMENT
UNDER SECTION 304(1) OF THE CLEAN WATER ACT**

**OFFICE OF WATER REGULATIONS AND STANDARDS
OFFICE OF WATER
U.S. ENVIRONMENTAL PROTECTION AGENCY
JUNE, 1989**

- o A brief description of the column headings on the summary table follows:

State: 2-digit State abbreviation; these data are sorted by State.

EPA Region: EPA Regional Offices I through X.

State or Federal Listing: Whether the waterway is listed by the State, or is an additional listing by U.S. EPA (Federal).

Waterway Name: Waterway name as given by the State or EPA Region. A waterway name appears more than once if it has several facilities contributing to the pollution.

Facility Name: Facility name as given by the State or EPA Region. Each facility appears on a separate line.

Pollutant Discharge Permit Number: National Pollutant Discharge Elimination System (NPDES) number.

Pollutants Causing Impairment: Principal category(ies) of toxic pollutants for which the waterway was listed.

- o These data are derived from information provided by the EPA Regional Offices. Although these data are believed to be accurate, for additional information about specific waterways or facilities, please contact the appropriate EPA Regional Public Affairs Office.

List of Selected Abbreviations

AUTH	AUTHORITY
BORO	BOROUGH
BR	BRANCH OR BROOK
CSO	COMBINED SEWER OVERFLOW
FK	FORK
MI	MILES
MSA	MUNICIPAL SEWERAGE AUTHORITY
MSD	MUNICIPAL SEWERAGE DISTRICT
MUN	MUNICIPALITY
PT	POINT
POTW	PUBLICLY OWNED TREATMENT WORKS
STP	SEWAGE TREATMENT PLANT
TRIB	TRIBUTARY
UT	UNNAMED TRIBUTARY
WTP	WASTEWATER TREATMENT PLANT
WWTP	WASTEWATER TREATMENT PLANT

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
AK	X	STATE	PORT VALDEZ	ALYESKA PIPELINE SERVICE CO.	AK0023248	ORGANICS
AL	IV	STATE	FIVE MILE CREEK	SLOSS INDUSTRIES	AL0003247	METALS
AL	IV	STATE	UT TO CHOCCOLOCO CREEK	LEE BRASS	AL0003166	METALS
AL	IV	STATE	UT TO DRY CR AND DRY CR	ILCO (INTERSTATE LEAD CO)		METALS
AL	IV	STATE	UT TO KILPATRICK CR	WCI COMPONENTS	AL0003492	METALS
AL	IV	STATE	MILL CR	LEXINGTON FABRICS	AL0026352	METALS
AL	IV	STATE	SHOAL CREEK	HALL CHEMICAL	AL0027332	METALS
AL	IV	STATE	ALABAMA RIVER	ALABAMA RIVER PULP CO.	AL0025968	DIOXIN
AL	IV	STATE	TOMBIGEE RIVER	BOISE CASCADE	AL0002755	DIOXIN
AL	IV	STATE	TENNESSEE RIVER	CHAMPION INTERNATIONAL	AL0000396	DIOXIN
AL	IV	STATE	CONECUH RIVER	CONTAINER CORP.	AL0002682	DIOXIN
AL	IV	STATE	TOMBIGEE RIVER	GULF STATES PAPER	AL0002828	DIOXIN
AL	IV	STATE	ALABAMA RIVER	HAMMERMILL PAPER	AL0003018	DIOXIN
AL	IV	STATE	MOBILE RIVER	INTERNATIONAL PAPER	AL0002780	DIOXIN
AL	IV	STATE	MOBILE RIVER	SCOTT PAPER	AL0002801	DIOXIN
AL	IV	STATE	TOMBIGEE RIVER	JAMES RIVER-DIXIE NORTHERN	AL0003301	DIOXIN
AL	IV	STATE	COOSA RIVER	KIMBERLY-CLARK	AL0003158	DIOXIN
AR	VI	FEDERAL	COFFEE CR/OUACHITA R	GEORGIA PACIFIC CORP.	AR0001210	
AR	VI	FEDERAL	ARKANSAS RIVER	INTERNATIONAL PAPER CO.	AR0001970	
AR	VI	FEDERAL	RED RIVER	NEKOOSA EDWARDS PAPER	AR0002968	
AR	VI	FEDERAL	MISSISSIPPI RIVER	POTLACH CORP.	AR0035823	
AR	VI	FEDERAL	TOWN BRANCH	STERLING FAUCHT	AR0033375	
AR	VI	FEDERAL	HURRICANE CREEK			
AR	VI	FEDERAL	BIG CREEK			
CA	IX	STATE	SOUTH SAN FRANCISCO BAY	SAN JOSE/SANTA CLARA POTW	CA0037842	METALS
CA	IX	STATE	SOUTH SAN FRANCISCO BAY	SUNNYVALE POTW	CA0037621	METALS
CA	IX	STATE	SOUTH SAN FRANCISCO BAY	PALO ALTO POTW	CA0037834	METALS
CA	IX	STATE	SOUTH SAN FRANCISCO BAY	STORMDRAINS		METALS
CA	IX	STATE	SPRING CREEK	IRON MOUNTAIN MINE		METALS
CA	IX	STATE	WEST SQUAW CR (S. FORK)	BALAKLALA MINE	CA0081868	METALS
CA	IX	STATE	LITTLE BACKBONE CREEK	MAMMOTH MINE	CA0081876	METALS
CA	IX	STATE	LITTLE GRIZZLY CREEK	WALKER MINE	CA0080110	METALS
CA	IX	FEDERAL	SACRAMENTO R	SIMPSON PAPER CO. - ANDERSON	CA0004065	DIOXIN
CA	IX	FEDERAL	PACIFIC OCEAN	SIMPSON PAPER CO. - FAIRHAVEN	CA0005282	DIOXIN
CA	IX	FEDERAL	PACIFIC OCEAN	LOUISIANA-PACIFIC CORP.	CA0005894	DIOXIN
CA	IX	FEDERAL	SAN JOAQUIN RIVER	GAYLORD CONTAINER CORP.	CA0004847	DIOXIN
CA	IX	FEDERAL	SUISAN BAY	EXXON	CA0005550	METALS
CA	IX	FEDERAL	SUISAN BAY	TOSCO	CA0004961	METALS
CA	IX	FEDERAL	SUISAN BAY	MT. VIEW SANITARY DISTRICT	CA0037770	METALS
CA	IX	FEDERAL	CARQUINEZ STRAIT	SHELL	CA0005789	METALS
CA	IX	FEDERAL	CARQUINEZ STRAIT	STAUFFER	CA0006165	METALS
CA	IX	FEDERAL	MOKELUMNE R	NEW PENN MINE		METALS
CA	IX	FEDERAL	KANAKA CR	16 TO 1 MINE	CA0081809	METALS
CA	IX	FEDERAL	LEVIATHAN CR	LEVIATHAN MINE		METALS
CA	IX	FEDERAL	LAS TABLAS CR	BUENA VISTA MINES		METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
CA	IX	FEDERAL	SANTA ANA R	CITY OF RIVERSIDE	CA0105350	METALS
CA	IX	FEDERAL	SANTA ANA R	CITY OF SAN BERNARDINO	CA0105392	METALS
CA	IX	FEDERAL	SANTA ANA R	CITY OF RIALTO	CA0105295	METALS
CA	IX	FEDERAL	SANTA ANA R	CITY OF COLTON	CA0105236	METALS
CA	IX	FEDERAL	SANTA ANA R	CHINO BASIN REG. PLANT #1	CA0105279	METALS
CA	IX	FEDERAL	SANTA ANA R	CHINO BASIN REG. PLANT #2	CA0105287	METALS
CO	VIII	STATE	WEST CLEAR CR	CLIMAX MOLYBDENUM, URAD MINE	C00041467	
CO	VIII	FEDERAL	GUNNISON RIVER	CITY OF DELTA	C00039641	METALS
CO	VIII	STATE	WOODS CR	CLIMAX MOLYBDENUM, URAD MINE	C00041467	
CO	VIII	STATE	ANIMAS R	SUNNYSIDE GOLD, MAYFLOWER MILL	C00000426	
CO	VIII	STATE	CEMENT CR	SUNNYSIDE GOLD, AMER TUNNEL	C00027529	
CO	VIII	STATE	SAND CR	COLORADO REFINING CO.	C00001210	
CO	VIII	STATE	SAND CR	CONOCO REFINERY	C00001147	
CO	VIII	STATE	IOWA GULCH	RES - ASARCO, BLACKCLOUD	C00000591	
CO	VIII	STATE	DOLORES R	RICO MINE, ANACONDA	C00029793	
CO	VIII	STATE	SOUTH PLATTE	METROPOLITAN DENVER SEW., #1	C00026638	
CO	VIII	STATE	EAST FORK ARKANSAS R	U.S. B OF RECL LEADVILLE DRAIN		
CO	VIII	STATE	CALIFORNIA GULCH	YAK TUNNEL SUPERFUND		
CO	VIII	STATE	CLEAR CR	CLEAR CR SUPERFUND SITE		
CT	I	STATE	FIVE MILE RIVER	WILLIAM PRYM	CT0002101	METALS
CT	I	STATE	WILLOW BROOK (CONNECTICUT RIVE	PRATT & WHITNEY	CT0001376	METALS
CT	I	STATE	MILL BROOK	KAMAN AEROSPACE	CT0023299	METALS
CT	I	STATE	RAINBOW BROOK	HAMILTON STANDARD	CT0000582	CYANIDE, METALS
CT	I	STATE	PEQUABUCK RIVER	PLAINVILLE ELECTROPLATING	CT0002097	METALS
CT	I	STATE	PEQUABUCK RIVER	STANLEY PLATING	CT0001139	METALS
CT	I	STATE	PIPER BROOK	CUSTOM METAL CRAFTERS	CT0022802	METALS
CT	I	STATE	MILL BROOK	KEENEY MANUFACTURING	CT0020044	
CT	I	STATE	TROUT BROOK	COLT FIREARMS	CT0023124	METALS
CT	I	STATE	TROUT BROOK	HAR-CONN CHROME	CT0021199	METALS
CT	I	STATE	QUINNIPIAC RIVER	JOB PLATING	CT0022284	METALS
CT	I	STATE	QUINNIPIAC RIVER	SOLVENTS RECOVERY SERVICE	CT0023337	METALS
CT	I	STATE	QUINNIPIAC RIVER	CIRCUIT WISE	CT0022420	METALS
CT	I	STATE	QUINNIPIAC RIVER	UPJOHN COMPANY	CT0001314	METALS
CT	I	STATE	CLARK BROOK	NAPIER COMPANY	CT0000825	METALS
CT	I	STATE	HARBOR BROOK	MILLER COMPANY	CT0003247	METALS
CT	I	STATE	STUBBY PLAIN BROOK	BURNDY	CT0001538	METALS
CT	I	STATE	BURYING GROUND BROOK	CHROMIUM PROCESS CO.	CT0000744	METALS
CT	I	STATE	STILL RIVER	RISDON	CT0002623	METALS
CT	I	STATE	STILL RIVER	AMPHENOL	CT0021865	METALS
CT	I	STATE	NAUGATUCK RIVER	ANSONIA COPPER/ARCO METALS CO	CT0002968	METALS
CT	I	STATE	STEELE BROOK	ANCHOR FASTENER	CT0002241	METALS
CT	I	STATE	STEELE BROOK	PHILSON	CT0002275	METALS
CT	I	STATE	STEELE BROOK	SHERWOOD MEDICAL	CT0003417	METALS
CT	I	STATE	STEELE BROOK	WATERBURY ROLLING MILL	CT0002275	METALS
CT	I	STATE	HEMP SWAMP BROOK	IDEAL MANUFACTURING	CT0000671	METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(l)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
CT	I	STATE	MAD RIVER	ROSTRA/CENTURY BRASS	CT0027189	METALS
CT	I	STATE	MAD RIVER	WATERBURY BUCKLE	CT0003671	METALS
CT	I	STATE	NORWALK RIVER	PERKIN ELMER	CT0003328	METALS
DC	III	STATE	UPPER ANACOSTIA ESTUARY	PEPCO - BENNING	DC0000094	
DC	III	STATE	UPPER ANACOSTIA ESTUARY	WASHINGTON TERMINAL CO.	DC0000086	
DC	III	STATE	LOWER POTOMAC	BLUE PLAINS REGIONAL STP	DC0021199	
DE	III	STATE	CHRISTINA RIVER	CEIBA-GEIGY	DE0000400	METALS
DE	III	STATE	CHRISTINA RIVER	GENERAL MOTORS	DE0000523	METALS
DE	III	STATE	INDIAN RIVER/BAY	DP&L INDIAN RIVER	DE0050580	METALS
DE	III	STATE	RED CLAY CREEK	NVF YORKLYN	DE0000451	METALS
DE	III	STATE	RED LION CREEK	CHLORAMONE	DE0050636	METALS
DE	III	STATE	DELAWARE RIVER--ZONE 5	KEYSOR	DE0050920	METALS
DE	III	STATE	DELAWARE RIVER--ZONE 5	STANDARD CHLORINE	DE0020001	METALS
DE	III	STATE	DELAWARE RIVER--ZONE 5	GENERAL CHEMICAL	DE0000655	METALS
DE	III	STATE	DELAWARE RIVER--ZONE 5	OCCIDENTAL CHEMICAL CORP.	DE0050911	METALS
DE	III	STATE	DELAWARE RIVER--ZONE 5	ICI AMERICAS	DE0000621	METALS
FL	IV	FEDERAL	AMELIA R	ITT RAYONIER	FL0000701	DIOXIN
FL	IV	STATE	SWEETWATER BRANCH	GAINESVILLE MAIN ST WTP	FL0027251	METALS, ORGANICS
FL	IV	FEDERAL	RICE CR	GEORGIA PACIFIC	FL0002763	DIOXIN
FL	IV	STATE	INDIAN RIVER	TITUSVILLE SOUTH WTP	FL0020371	METALS
FL	IV	STATE	INDIAN RIVER	TITUSVILLE NORTH WTP	FL0020389	METALS
FL	IV	FEDERAL	ST ANDREWS BAY	BAY COUNTY STP	FL0020206	DIOXIN
FL	IV	FEDERAL	GULF COUNTY CANAL	PT ST JOE STP	FL0002631	DIOXIN
FL	IV	STATE	PENSACOLA BAY	ESCAMBIA CO MAIN ST WWTP	FL0021440	METALS
FL	IV	FEDERAL	ELEVENMILE CR	CHAMPION INTERNATIONAL CORP.	FL0002526	DIOXIN, METALS
GA	IV	STATE	COOSA RIVER	GENERAL ELECTRIC	GA0024155	PCBs
GA	IV	STATE	DRAINAGE DITCH TO FLINT RIVER	USMC LOGISTICS BASE ALBANY	GA0000400	METALS
GA	IV	STATE	DYE BRANCH	THOMASTON MILLS	GA0000213	METALS
GA	IV	STATE	FLINT RIVER	DELTA AIRLINES	GA0000418	METALS
GA	IV	STATE	CABIN CREEK	DUNDEE MILLS-LOWELL BLEACHERY	GA0003409	METALS
GA	IV	STATE	TOBESOFKEE CREEK	WILLIAM CARTER CO	GA0003115	METALS
GA	IV	STATE	HORSE CREEK	USAF - ROBINS AFB	GA0002852	METALS
GA	IV	STATE	MIDDLE OCONEE RIVER	CHICOPEE MFG.	GA0001791	METALS
GA	IV	STATE	EASTANOLLEE CREEK	COATS AND CLARK, INC.	GA0002038	METALS
GA	IV	STATE	BEAR CREEK	PRODUCTION ANODIZING #1	GA0000108	METALS
GA	IV	STATE	MORRISON CREEK	PRODUCTION ANODIZING #2	GA0000116	METALS
GA	IV	STATE	GIDDENS MILL CREEK	PRODUCTION ANODIZING #3	GA0047058	METALS
GA	IV	STATE	LITTLE TENNESSEE RIVER	BURLINGTON IND.	GA0000060	METALS
GA	IV	STATE	ALTAMAH RIVER	ITT RAYONIER	GA0003620	DIOXIN
GA	IV	STATE	TURTLE RIVER, ACADEMY CR, BRUN	GEORGIA PACIFIC CORP.	GA0003654	DIOXIN
GA	IV	STATE	FLINT RIVER	PROCTOR & GAMBLE CELLULOSE CO.	GA0049336	DIOXIN
GA	IV	STATE	SAVANNAH RIVER	FEDERAL PAPERBOARD CO. INC.	GA0002801	DIOXIN
GA	IV	STATE	NORTH RIVER	GILMAN PAPER COMPANY	GA0001953	DIOXIN
GA	IV	FEDERAL	PHINIZY DITCH	J.B MESSERLY WATER POLL.	GA0020087	DIOXIN
GA	IV	FEDERAL	SAVANNAH RIVER, PORT WENTWORTH	SAVANNAH ELEC. & POWER CO.	GA0003816	METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
GA	IV	FEDERAL	ALMAND BRANCH	CONYERS-ALMAND BR WATER POLL.	GA0021610	METALS
GA	IV	FEDERAL	ROCKY CREEK	ARMSTRONG WORLD IND.	GA0003077	METALS
GA	IV	STATE	OOSTANAULA RIVER	GENERAL ELECTRIC COMPANY	GA0024155	PCBs
IA	VII	STATE	DES MOINES R	DES MOINES WWTP	IA0044130	METALS
IA	VII	STATE	DES MOINES R	FORT DODGE WWTP	IA0044849	METALS
IA	VII	STATE	IOWA R	IOWA CITY WWTP - NORTH	IA0042617	METALS
IA	VII	STATE	IOWA R	IOWA CITY WWTP - SOUTH	IA0070866	METALS
IA	VII	STATE	IOWA R	MARSHALLTOWN WWTP	IA0038610	METALS
IA	VII	STATE	CEDAR R	CEDAR RAPIDS WWTP	IA0042676	METALS
IA	VII	STATE	CEDAR R	CHERRY BURRELL	IA5715121	METALS
IA	VII	STATE	CEDAR RIVER	CHARLES CITY WWTP	IA0022039	METALS
IA	VII	STATE	CEDAR RIVER	SALSBURY LABS	IA3405100	METALS
IA	VII	STATE	MILL CR	COLLIS INC.	IA0000752	METALS
IA	VII	STATE	MISSOURI R	SIOUX CITY WWTP	IA0043095	METALS
ID	X	FEDERAL	CLEARWATER R/SNAKE R CONFLUENC	POTLATCH CORP. - LEWISTON	ID0001163	DIOXIN
IL	V	STATE	LAKE MICHIGAN	NRTH CHICAGO REFINERS+SMELTERS	IL0002755	METALS
IL	V	STATE	LAKE MICHIGAN/WAUKEGAN HARBOR	OUTBOARD MARINE CO. (OMC)	IL0002267	PCBs
IL	V	STATE	SUGAR CREEK TRIB	MARATHON OIL	IL0004073	METALS, ORGANICS
IL	V	STATE	LAKE BRACKEN	KOPPERS	IL0035688	ORGANICS
IL	V	STATE	MISSISSIPPI RIVER	SAUGET ABRTF	IL0065145	ORGANICS
IL	V	STATE	WOOD RIVER	OLIN	IL0000230	ORGANICS
IN	V	STATE	BAILEY BRANCH	GENERAL MOTORS CF	IN0003573	METALS, PCBs
IN	V	STATE	BIG BLUE RIVER	ALLEGHENY LUDLUM	IN0045284	METALS
IN	V	STATE	BOGGS CREEK	NWSC, USDN CRANE AMMN. DEPOT	IN0021539	CYANIDE, METALS
IN	V	STATE	CEDAR CREEK	STANADYNE	IN0000582	METALS
IN	V	STATE	EAGLE CREEK	BRIDGEPORT BRASS	IN0001767	METALS
IN	V	STATE	EAGLE CREEK	GENERAL MOTORS AL	IN0001813	CYANIDE, METALS
IN	V	STATE	EAGLE CREEK	SPEEDWAY STP	IN0032972	METALS
IN	V	STATE	EEL RIVER TRIBUTARY	LAKETON REFINING	IN0001244	CYANIDE
IN	V	STATE	EEL RIVER	UNITED TECH	IN0025453	METALS
IN	V	STATE	ELLIOTT DITCH	ALCOA LAFAYETTE WORKS	IN0001210	METALS, PCBs
IN	V	STATE	FALLING RUN CREEK	NEW ALBANY STP	IN0023884	METALS
IN	V	STATE	GRAND CALUMET	EAST CHICAGO STP	IN0022829	CYANIDE
IN	V	STATE	GRAND CALUMET	GARY STP	IN0022977	CYANIDE, ORGANICS
IN	V	STATE	GRAND CALUMET	HAMMOND STP	IN0023060	CYANIDE, METALS
IN	V	STATE	GRAND CALUMET	USX CORPORATION	IN0000281	METALS
IN	V	STATE	HARVESTER DITCH	PHILIPS DODGE	IN0000442	METALS, ORGANICS
IN	V	STATE	INDIANA SHIP CANAL	INLAND STEEL	IN0000940	METALS
IN	V	STATE	INDIANA SHIP CANAL	LTV STEEL	IN0000205	METALS
IN	V	STATE	LITTLE MISSISSINEWA	SHELLER GLOBE CORP.	IN0003107	METALS
IN	V	STATE	LITTLE RIVER	ROANOKE STP	IN0021440	METALS
IN	V	STATE	MATHER DITCH	SYND. STORE FIX.	IN0052400	METALS
IN	V	STATE	OHIO RIVER	EVANSVILLE - EAST STP	IN0033073	CYANIDE, METALS
IN	V	STATE	PATOKIA RIVER	JASPER STP	IN0020834	METALS
IN	V	STATE	PRAIRIE CREEK	FRANKFORT STP	IN0022934	METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(l)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
IN	V	STATE	RICHLAND CREEK	PRINCETON STP	IN0024392	METALS
IN	V	STATE	TEUTSCH DITCH	UNIVERSAL TOOL	IN0000639	METALS
IN	V	STATE	TRAIL CREEK	MICHIGAN CITY STP	IN0023752	METALS
IN	V	STATE	TRAVIS DITCH	LAPORTE STP	IN0025577	CYANIDE, METALS
IN	V	STATE	TRAVIS DITCH	ROLL COATER	IN0038172	METALS
IN	V	STATE	VERNON FORK	NORTH VERNON STP	IN0020451	METALS
IN	V	STATE	WABASH RIVER	LAFAYETTE STP	IN0032468	METALS
IN	V	STATE	WABASH RIVER	LANDIS GYR	IN0001074	METALS
IN	V	STATE	WABASH RIVER	LOGANSPOUT STP	IN0023604	METALS
IN	V	STATE	WALNUT CREEK	WARSAW STP	IN0024805	METALS
IN	V	STATE	WHITLOCK SPRINGS	MIDSTATES STEEL & WIRE	IN0002445	METALS
IN	V	STATE	WILDCAT CREEK	KOKOMO STP	IN0032875	CYANIDE
IN	V	STATE	WILSON DITCH	FIRESTONE	IN0001341	PCBs
IN	V	FEDERAL	TRAIL CREEK TRIB	ANDERSON CO.	IN0032565	METALS
IN	V	FEDERAL	BROWN DITCH	DANA CORP.	IN0001333	METALS
IN	V	FEDERAL	PHILLIPS DITCH	WM PFARRER CO.	IN0049743	METALS
IN	V	FEDERAL	WABASH RIVER	HAMILTON GLASS	IN0025861	METALS
KS	VII	STATE	ARKANSAS R	WESTPORT INDUSTRIAL PARK	KS0043028	METALS
KS	VII	STATE	BLUE RIVER	KUHLMAN DIECASTING	KS0001881	METALS
KY	IV	STATE	UT AND ROCK LICK CREEK	MAXEY FLATS NUCLEAR WASTE DISP		METALS, ORGANICS
KY	IV	STATE	DRIP SPRINGS HOLLOW CR	MAXEY FLATS NUCLEAR WASTE DIS.		METALS
KY	IV	STATE	STONER CREEK	PARIS STP	KY0021059	METALS
KY	IV	STATE	TOWN BR AND S ELKHORN CR	LEXINGTON TOWN BR STP	KY0021491	METALS
KY	IV	STATE	CLARKS RUN	DANVILLE STP	KY0057193	METALS
KY	IV	STATE	UT AND CLARKS RUN	NORTH AMERICAN PHILLIPS LIGHT	KY0002607	METALS
KY	IV	STATE	FOX RUN	EMINENCE STP	KY0026883	METALS
KY	IV	STATE	ASH RUN	MAGNET WIRE CO.	KY0002208	METALS
KY	IV	STATE	POND CREEK (NORTHERN DITCH)	CARDINAL ALUMINUM	KY0071978	METALS
KY	IV	STATE	SPRING DITCH AND POND CREEK	CARDINAL EXTRUSIONS	KY0034835	METALS
KY	IV	STATE	LITTLE PITTMAN CREEK	CAMPBELLSVILLE STP	KY0054437	METALS
KY	IV	STATE	VALLEY CREEK	ELIZABETHTOWN STP	KY0022039	METALS
KY	IV	STATE	HIDDEN RIVER (UNDERGROUND TO G	HORSE CAVE STP	KY0041092	METALS
KY	IV	STATE	UT AND FLAT CREEK	MADISONVILLE STP	KY0022942	METALS
KY	IV	STATE	LYNN CAMP CREEK	CORBIN STP	KY0020133	METALS
KY	IV	STATE	UT AND EAST FORK LYNN CAMP CRE	NATIONAL STANDARD COMPANY	KY0003778	METALS
KY	IV	STATE	LILY CREEK	RUSSELL COUNTY STP	KY0062995	METALS
KY	IV	STATE	UT AND SOUTH FORK LITTLE RIVER	POP FASTENERS	KY0003786	METALS
KY	IV	STATE	NORTH FORK LITTLE RIVER	HOPKINSVILLE NORTHSIDE STP	KY0023388	METALS
KY	IV	STATE	NORTH FORK LITTLE RIVER	HOPKINSVILLE HAMMOND-WOOD STP	KY0066532	METALS
KY	IV	STATE	CHENOWETH RUN	JEFFERSONTOWN STP	KY0025194	METALS
KY	IV	STATE	RUSH CREEK	MARION STP	KY0020061	METALS
KY	IV	STATE	BAYOU CREEK AND LITTLE BAYOU C	USDOE PADUCAH GASEOUS DIFF	KY0004049	PCBs
KY	IV	STATE	TENNESSEE RIVER	B. F. GOODRICH	KY0003484	ORGANICS
KY	IV	STATE	SMITH FARM UT	SMITH FARM		PCBs
KY	IV	FEDERAL	MISSISSIPPI R	WESTVACO CORP.	KY0000086	DIOXIN

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(l)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
KY	IV	FEDERAL	OHIO R	WILLIAMETTE IND	KY0001716	DIOXIN
LA	VI	STATE	CALCASIEU RIVER AND SHIP CHANN	PPG	LA0000761	ORGANICS
LA	VI	STATE	PRIEN LAKE			ORGANICS
LA	VI	FEDERAL	BAYOU VERDINE	VISTA CHEMICALS	LA0003336	
LA	VI	STATE	BAYOU D'INDE	PPG	LA0000761	ORGANICS
LA	VI	STATE	BAYOU TREPAGNIER			ORGANICS
LA	VI	STATE	MISSISSIPPI RIVER	GEORGIA PACIFIC	LA0005258	DIOXIN
LA	VI	STATE	MISSISSIPPI RIVER	JAMES RIVER CORP.	LA0001791	DIOXIN
LA	VI	STATE	WHAM BRAKE			DIOXINS
LA	VI	STATE	LITTLE BAYOU BOEUF			
LA	VI	FEDERAL	BAYOU LA FOURCHE			
LA	VI	FEDERAL	BAYOU ANACOCO	BOISE SOUTHERN	LA0007927	DIOXIN
MA	I	STATE	MUDDY COVE BROOK	ICI AMERICAS - DIGHTON	MA0005291	METALS
MA	I	STATE	S BRANCH NASHUA R	MWRA - CLINTON	MA1000404	METALS
MA	I	STATE	TROUT BROOK	HERMETITE/HYBRIPAK	MA0004022	METALS
MA	I	STATE	SALEM-BEVERLY HARBOR	SOUTH ESSEX SEWERAGE DISTRICT	MA0100501	
MA	I	STATE	NAHANT BAY/ATLANTIC OCEAN	SWAMPSCOTT WWTP	MA0101907	
MA	I	STATE	LYNN HARBOR	LYNN WWTP	MA0100552	
MA	I	STATE	BOSTON HARBOR	MWRA - DEER ISLAND WWTP	MA0102351	METALS, ORGANICS
MA	I	STATE	MOUNT HOPE BAY	FALL RIVER WWTP	MA0100382	
MA	I	STATE	FRENCH RIVER	DUDLEY WWTP	MA0100706	METALS
MA	I	STATE	FRENCH RIVER	WEBSTER WWTP	MA0100439	METALS
MA	I	STATE	HOUSATONIC RIVER	GENERAL ELECTRIC - PITTSFIELD	MA0003891	METALS, PCBs
MA	I	STATE	NEPONSET RIVER	GRANT GEAR	MA0029262	PCBs
MA	I	STATE	MILLERS RIVER/OTTER RIVER	TEMPLETON WWTP	MA0100340	METALS, PCBs
MA	I	STATE	SALISBURY PLAIN RIVER	BROCKTON WWTP	MA0101010	METALS
MA	I	STATE	ACUSHNET RIVER	REVERE COPPER	MA0004821	METALS
MA	I	STATE	NEW BEDFORD HARBOR	CORNELL DUBILIER	MA0003930	PCBs
MA	I	STATE	NEW BEDFORD HARBOR	RTE AEROVOX	MA0003379	PCBs
MA	I	STATE	NEW BEDFORD HARBOR	NEW BEDFORD WWTP	MA0100781	PCBs
MA	I	STATE	MILL BROOK	NEW ENGLAND APPLE PROD -LITTLTN	MA0004936	METALS
MA	I	STATE	MUDDY BROOK	SHELL OIL CO.	MA0004863	ORGANICS
MA	I	STATE	TEN MILE R	ATTLEBORO	MA0100595	
MD	III	STATE	LOWER WICOMICO R	SALISBURY WWTP	MD0021571	METALS, PCBs
MD	III	STATE	MORGAN CR	NUODEX INC.	MD0000345	METALS
MD	III	STATE	BIG ELK CR	ELKTON WWTP	MD0020681	METALS
MD	III	STATE	SOD RUN	SOD RUN WWTP	MD0056545	METALS, ORGANICS
MD	III	STATE	WILDCAT BRANCH, LITTLE GUNPOWD	HARFORD COUNTY FALLSTON WWTP	MD0052141	METALS, ORGANICS
MD	III	STATE	BACK RIVER & BACON CR	EASTERN STAINLESS STEEL	MD0000981	METALS
MD	III	STATE	BACK RIVER & BACON CR	BACK RIVER WWTP	MD0021555	METALS
MD	III	STATE	BALTIMORE HARBOR	GENERAL MOTORS CORP	MD0001163	METALS
MD	III	STATE	BALTIMORE HARBOR	UNIVERSAL FOODS CORP.	MD0003298	METALS
MD	III	STATE	BALTIMORE HARBOR	SCM CHEM. INC./GLIDCO ORG CORP	MD0001279	METALS
MD	III	STATE	BALTIMORE HARBOR	CHEMETALS CORP.	MD0001775	METALS
MD	III	STATE	BALTIMORE HARBOR	BETHLEHEM STEEL CORP.	MD0001201	METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
MD	III	FEDERAL	N BRANCH PATAPSCO R	CONGOLEUM	MD0001384	METALS
MD	III	STATE	SEVERN R, PICTURE SPRING CR	NEVAMAR CORP.	MD00020G3	METALS
MD	III	STATE	PATUXENT R	PEPCO - CHALK POINT	MD0002658	CYANIDE, METALS
MD	III	STATE	LITTLE PATUXENT & R	PATUXENT WWTP	MD0021652	METALS
MD	III	STATE	LITTLE PATUXENT & R	LITTLE PATUXENT WWTP	MD0055174	METALS
MD	III	STATE	POTOMAC R	PEPCO MORGANTOWN POWER PLANT	MD0002674	CYANIDE
MD	III	STATE	BUSH CR	REICH'S FORD LANDFILL	MD0061093	CYANIDE, METALS
MD	III	STATE	CONOCOCHEAQUE CR	W. D. BYRON AND SONS	MD0053431	METALS, ORGANICS
MD	III	FEDERAL	N BRANCH POTOMAC R	WESTVACO CORP.	MD0001422	DIOXIN
MD	III	STATE	UPPER NORTH BRANCH POTOMAC R	G & S COAL CO	MD0058238	METALS
MD	III	STATE	UPPER NORTH BRANCH POTOMAC R	METTIKI COAL CORP.	MD0055182	METALS
MD	III	STATE	ROUND GLADE RUN	GARRETT CNTY ROUND GLADE LNDFI	MD0061646	METALS
MD	III	FEDERAL	DARK AND COW PEN CREEKS	CHESAPEAKE PK-MARTIN MARIETTA	MD0002852	METALS
MD	III	FEDERAL	SWAN CR	ABERDEEN MUNICIPAL	MD0021563	ORGANICS
ME	I	STATE	PENOBSCOT RIVER	LINCOLN PULP & PAPER	ME0002003	DIOXIN
ME	I	STATE	PENOBSCOT RIVER	JAMES RIVER CORP	ME0002020	DIOXIN
ME	I	STATE	WILSON STREAM	WILTON TANNING CO.	ME0000752	METALS
ME	I	STATE	WEST BRANCH SEBASTICOOK RIVER	TOWN OF HARTLAND WWTP	ME0101443	METALS
ME	I	STATE	KENNEBEC RIVER	SCOTT PAPER CO.	ME0021521	DIOXIN
ME	I	STATE	ANDROSCOGGIN RIVER	BOISE CASCADE CORP.	ME0023264	DIOXIN
ME	I	STATE	ANDROSCOGGIN RIVER	INTERNATIONAL PAPER CO.	ME0001937	DIOXIN
ME	I	STATE	SAINT CROIX RIVER	GEORGIA PACIFIC CORP.	ME0001872	DIOXIN
ME	I	STATE	NORTH BRANCH OF LITTLE RIVER	GTE PRODUCTS CORP.	ME0000399	METALS
ME	I	STATE	PRESUMPSCOT RIVER	S. D. WARREN CO.	ME0002321	DIOXIN
MI	V	STATE	WILLOW RUN CREEK	YPSILANTI COMMUNITY UTILITIES	M10042676	METALS
MI	V	STATE	DETROIT RIVER	TRENTON WWTP	M10021164	METALS
MI	V	STATE	DETROIT RIVER	DETROIT WWTP	M10022802	METALS, PCBs
MI	V	STATE	CLINTON RIVER	MT. CLEMENS WWTP	M10023647	METALS
MI	V	STATE	MENOMINEE RIVER	MENOMINEE WWTP	M10025631	METALS
MI	V	STATE	MENOMINEE RIVER	CHAMPION INTER.-QUINNESEC MILL	M10042170	DIOXIN
MI	V	STATE	ESCANABA RIVER	MEAD CORP.-PUB./PAPER DIVISION	M10000027	DIOXIN
MI	V	STATE	BOARDMAN RIVER	TRAVERSE CITY WWTP	M10027481	METALS
MI	V	STATE	RUDDIMAN CREEK	SEALED POWER CORP.	M10004057	ORGANICS
MI	V	STATE	GRAND RIVER	JACKSON WWTP	M10023256	METALS
MI	V	STATE	HAYWORTH CREEK	FEDERAL MOGUL	M10002747	METALS
MI	V	STATE	HAYWORTH CREEK	ST JOHN'S WWTP	M10026468	METALS
MI	V	STATE	LAKE MACATAWA	BASF PIGMENTS DIVISION	M10000761	ORGANICS
MI	V	STATE	FLINT RIVER	FLINT WWTP	M10022926	METALS, PCBs
MI	V	STATE	TITTABAWASSEE RIVER	DOW CHEMICAL-USA, MIDLAND	M10000868	DIOXIN
MI	V	STATE	UT TO WOLF CREEK	HITACHI MAGNETICS CORPORATION	M10027812	METALS
MI	V	STATE	ST MARYS RIVER	SAULT STE. MARIE WWTP	M10024058	METALS
MI	V	STATE	CARP CREEK	ISHPEMING WWTP	M10021369	CYANIDE, METALS
MN	V	STATE	ST. LOUIS BAY	WEST L SUPERIOR SAN DIST WWTF	MN0049786	DIOXIN, METALS
MN	V	STATE	MISSISSIPPI RIVER	KOCH REFINERY	MN0000418	METALS, PCBs
MN	V	STATE	MISSISSIPPI RIVER	MWCC METRO WWTF	MN0029815	METALS, PCBs

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
MN	V	STATE	RAINY RIVER	BOISE CASCADE CORP	MN0001643	DIOXIN,METALS
MO	VII	STATE	TURKEY CR	JOPLIN STP	MO0023256	METALS,ORGANICS
MO	VII	STATE	SQUAW CR DITCH	SCHUYLKILL METALS	MO0101702	METALS
MO	VII	STATE	L DRYWOOD CR	NEVADA STP	MO0089109	METALS
MO	VII	STATE	DUBOIS CR	WASHINGTON STP	MO0025810	CYANIDE,METALS,ORGANICS
MS	IV	STATE	ROUNDHOUSE CREEK	TRUE TEMPER SPORTS, INC.	MS0003158	METALS
MS	IV	STATE	LIONS CREEK	AUTOMATIC PLATING, INC	MS0002267	METALS
MS	IV	STATE	MISSISSIPPI SOUND	FIRST CHEMICAL CORP.	MS0001791	METALS
MS	IV	STATE	JASPER CREEK	PIPER IMPACT	MS0000931	METALS
MS	IV	STATE	TRIB. OF COLDWATER RIVER	SUNBEAM APPLIANCE	MS0000311	METALS
MS	IV	STATE	TRIB. OF WHITE OAK BAYOU	DREXEL CHEMICAL	MS0037621	ORGANICS
MS	IV	STATE	RIVERDALE CREEK	RANDALL - TEXTRON	MS0000671	METALS
MS	IV	STATE	LEAD BAYOU	DOUGLAS AND LOMASON CO.	MS0001350	METALS
MS	IV	STATE	ESCATAWPA RIVER	INTERNATIONAL PAPER	MS0002674	DIOXIN
MS	IV	STATE	LEAF RIVER	LEAF RIVER FOREST	MS0031704	DIOXIN
MT	VIII	STATE	SILVER BOW CREEK	ANACONDA MINERALS, WARM SPRING	MT0000183	METALS
NC	IV	STATE	SOUTH FORK OF CATAWBA	ROMAC INDUSTRIES	NC0041785	METALS
NC	IV	FEDERAL	UNNAMED TRIB, CROWERS CR	A. B. CARTER	NC0063835	METALS
NC	IV	STATE	UNNAMED TRIB, SECOND CR	ROCKWELL SOUTH WWT	NC0021768	METALS
NC	IV	FEDERAL	LUMBER RIVER	ALPHA CELLULOSE CORP.	NC0005231	DIOXIN
NC	IV	FEDERAL	CAPE FEAR RIVER	FEDERAL PAPERBOARD	NC0004286	DIOXIN
NC	IV	FEDERAL	HYCO LAKE	CAROLINA POWER AND LIGHT	NC0003425	METALS
NC	IV	FEDERAL	WELCH CR	WEYERHAUSER/PLYMOUTH	NC0000680	DIOXIN
NC	IV	FEDERAL	NEUSE RIVER	WEYERHAUSER/NEW BERN	NC0003191	DIOXIN
NC	IV	STATE	PIGEON R	CHAMPION PAPER	NC0000272	DIOXIN
NC	IV	FEDERAL	FRENCH BROAD RIVER	ECUSTA DIV. OF P.H. GLATFELTER	NC0000078	DIOXIN
NC	IV	STATE	LICK BR	NEW MINETTE MILLS	NC0004235	METALS
NH	I	STATE	ANDROSCOGGIN RIVER	JAMES RIVER PAPER CO.	NH0000655	DIOXIN
NJ	II	STATE	HACKENSACK R	HENKEL PROCESS CHEMICALS	NJ0002798	METALS
NJ	II	STATE	HACKENSACK R	PSE&G - KEARNY GS	NJ0000655	METALS
NJ	II	STATE	HACKENSACK R	BERGEN COUNTY POTW	NJ0020028	METALS
NJ	II	STATE	HACKENSACK R	N BERGEN POTW	NJ0034339	METALS
NJ	II	STATE	HACKENSACK R	SECAUCUS POTW	NJ0025038	METALS
NJ	II	STATE	HACKENSACK R	ARSYNCO, INC.	NJ0030970	METALS
NJ	II	STATE	HACKENSACK R	MATHESON GAS PRODUCTS INC.	NJ0002721	METALS
NJ	II	STATE	HACKENSACK R	PSE&G - BERGEN GS	NJ0000621	METALS
NJ	II	STATE	HACKENSACK R	PSE&G - HUDSON GS	NJ0000647	METALS
NJ	II	STATE	HACKENSACK R	TECHNICAL OIL PRODUCTS	NJ0005754	METALS
NJ	II	STATE	HACKENSACK R	TR METRO CHEMICAL CO.	NJ0031500	METALS
NJ	II	STATE	HACKENSACK R	SIKA CORP.	NJ0002011	METALS
NJ	II	STATE	UPPER NEW YORK BAY	PASSAIC VALLEY SEWERAGE COMM	NJ0021016	METALS
NJ	II	STATE	UPPER NEW YORK BAY	EXLON CO. USA - SPECIALTY PROD	NJ0002089	METALS
NJ	II	STATE	ARTHUR KILL	RAHWAY VALLEY SEWERAGE AUTHRTY	NJ0024643	METALS
NJ	II	STATE	ARTHUR KILL	CP CHEMICALS	NJ0003867	METALS
NJ	II	STATE	ARTHUR KILL	PSE&G - SEWAREN GS	NJ0000680	METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
NJ	II	STATE	ARTHUR KILL	JOINT MEETING	NJ0024741	METALS
NJ	II	STATE	ARTHUR KILL	AMARADA HESS CORP.	NJ0028878	METALS
NJ	II	STATE	ARTHUR KILL	AMAX REALTY DEVELOPMENT	NJ0001899	METALS
NJ	II	STATE	ARTHUR KILL	AMAX SPECIALTY METALS CORP.	NJ0069353	METALS
NJ	II	STATE	ARTHUR KILL	CHEVRON USA/NE DIVISION	NJ0000221	METALS
NJ	II	STATE	ARTHUR KILL	FMC - CARTERET	NJ0000248	METALS
NJ	II	STATE	ARTHUR KILL	SHELL OIL CO. SEWAREN	NJ0000752	METALS
NJ	II	STATE	ARTHUR KILL	WITCO CHEMICAL CO.	NJ0029483	METALS
NJ	II	STATE	RARITAN BAY	ABERDEEN TOWNSHIP POTW	NJ0022543	METALS
NJ	II	STATE	RARITAN BAY	ABERDEEN TOWNSHIP POTW	NJ0022535	METALS
NJ	II	STATE	RARITAN BAY	MIDDLESEX COUNTY UTIL AUTHORITY	NJ0020141	METALS
NJ	II	STATE	LOWER PEQUEST R	SOUTHLAND CORP	NJ0005291	METALS
NJ	II	STATE	LOWER PEQUEST R	OXFORD CHEMICAL CO	NJ0004901	METALS
NJ	II	STATE	LOWER PEQUEST R	WARREN COUNTY MUA	NJ0035483	METALS
NM	VI	FEDERAL	RIO GRANDE RIVER	CITY OF LAS CRUCES	NM0023311	
NV	IX	STATE	LAS VEGAS WASH	CITY OF LAS VEGAS WWTP	NV0020133	METALS
NY	II	STATE	WALLOOMSAC R			
NY	II	STATE	OCQUIONIS CR	RICHFIELD SPRINGS POTW	NY0031411	
NY	II	STATE	GEDDES BROOK	LCP CHEMICAL	NY0107697	METALS
NY	II	STATE	SMOKE CR	ERIE COUNTY S.D #6, OVERFL TR	NY0022136	METALS
NY	II	STATE	LAKE CHAMPLAIN	INTERNATIONAL PAPER CO.	NY0004413	DIOXIN
NY	II	STATE	GRASS RIVER	ALCOA	NY0001732	PCBs
OH	V	STATE	ROCKSWALE DITCH	WHIRLPOOL CORP-MARION	OH0007358	METALS
OH	V	STATE	MAHONING RIVER	WARREN CONSOLIDATED INDUST.	OH0101079	METALS
OH	V	STATE	HEMMING DITCH	BECHTEL MCILAUHLIN-SANDUSKY	OH0002577	ORGANICS
OH	V	STATE	TRIB TO LESLIE RUN	ROSHEL INDUSTRIES	OH0051489	ORGANICS
OH	V	STATE	NIMISHILLEN CR	LTV MASSILON	OH0006939	METALS
OH	V	STATE	EAST BRANCH NIMISHILLEN CREEK	J & L SPECIALTY PRODUCTS	OH0007188	METALS
OH	V	STATE	HURFORD RUN	ASHLAND PETROLEUM CO.-CANTON	OH0005657	METALS
OH	V	STATE	ROCKY FORK MOHICAN RIVER	WHITE CONSOLIDATED INDUSTRIES	OH0004600	METALS,ORGANICS
OH	V	STATE	ROCKY FORK MOHICAN RIVER	MANSFIELD WWTP	OH0026328	METALS,ORGANICS
OH	V	STATE	DOMER DITCH	TIMKEN CO.	OH0004219	METALS,ORGANICS
OH	V	STATE	HOCKING RIVER	LANCASTER WWTP	OH0026026	METALS
OH	V	STATE	MILL CREEK	RAY LEWIS & SON INC.	OH0005479	METALS
OH	V	STATE	BIG DARBY CREEK	RANCO - PLAIN CITY	OH0004502	METALS,ORGANICS
OH	V	STATE	SCIPPO CREEK	PPG INDUSTRIES - CIRCLEVILLE	OH0004251	METALS
OH	V	STATE	PAINT CREEK	MEAD PAPER CORP.	OH0004481	METALS
OH	V	STATE	TURTLE CREEK	CINCINNATI MILACRON	OH0009911	METALS
OH	V	STATE	OIL DITCH	COOPER TIRE & RUBBER CO.	OH0023400	METALS
OH	V	STATE	SIXMILE CREEK	OHIO DECORATIVE PRODUCTS	OH0002852	METALS
OH	V	STATE	SIXMILE CREEK	HAYES-ALBION CORP	OH0003301	METALS
OH	V	STATE	NORTH TURKEYFOOT CREEK	WAUSON WWTP	OH0023400	METALS,ORGANICS
OH	V	STATE	MAUMEE RIVER	TOLEDO BAY VIEW WWTP	OH0027740	METALS,ORGANICS
OH	V	STATE	RACCOON CREEK	WHIRLPOOL CORP-CLYDE	OH0000965	METALS,ORGANICS
OH	V	STATE	BLACK RIVER	STANADYNE INC.-WESTERN DIV.	OH0000426	METALS,ORGANICS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
OH	V	STATE	BLACK RIVER	ELYRIA WWTP	OH0025003	METALS, ORGANICS
OH	V	STATE	ASHTABULA	VYGEN CORP.	OH0002283	ORGANICS
OH	V	FEDERAL	LAKE ERIE	NORTH COAST BRASS AND COPPER	OH0032727	CYANIDE, METALS
OH	V	FEDERAL	LAKE ERIE	ELKEM METALS	OH0000027	CYANIDE, METALS
OH	V	FEDERAL	CUYAHOGA	AKRON WWTP	OH0023833	METALS
OH	V	FEDERAL	MAHONING RIVER	THOMAS STEEL STRIP	OH0011363	METALS
OH	V	FEDERAL	RED RUN TRIB	SHARON STEEL	OH0083852	METALS
OK	VI	FEDERAL	UNNAMED TRIB TO MINGO CR	MCDONNELL DOUGLAS	OK0000159	
OK	VI	FEDERAL	UNNAMED TRIB TO MINGO CR	MCDONNELL DOUGLAS	OK0000159	
OK	VI	STATE	SOLDIER CR	TINKER AFB	OK0000809	METALS
OK	VI	STATE	CRUTCHO CR	TINKER AFB	OK0000809	METALS
OR	X	STATE	WILLAMETTE RIVER	POPE AND TALBOT, INC.	OR0001074	DIOXIN
OR	X	STATE	COLUMBIA RIVER	ST. HELENS (BOISE CASCADE)	OR2020834	DIOXIN
OR	X	STATE	COLUMBIA RIVER	JAMES RIVER II, INC.	OR2000795	DIOXIN
PA	III	STATE	DELAWARE RIVER	BRISTOL TWP. AUTH	PA0026450	
PA	III	STATE	DELAWARE RIVER	ROHMS & HASS - BRISTOL	PA0012769	
PA	III	STATE	DELAWARE RIVER	SUN REFINING & MARKETING INC.	PA0011096	
PA	III	STATE	DELAWARE RIVER	MORRISVILLE BOROUGH AUTH	PA0026701	
PA	III	STATE	DELAWARE RIVER	PHILADELPHIA - NORTHEAST	PA0026689	
PA	III	STATE	DELAWARE RIVER	PHILADELPHIA - SOUTHEAST	PA0026662	
PA	III	STATE	DELAWARE RIVER	EASTON AREA JT. SEWER AUTH.	PA0027235	
PA	III	STATE	DELAWARE RIVER	PHILADELPHIA - SOUTHWEST	PA0026671	
PA	III	STATE	DELAWARE RIVER	MET-ED (PORTLAND)	PA0012475	
PA	III	STATE	DELAWARE RIVER	U.S. STEEL INC	PA0013463	
PA	III	STATE	DELAWARE RIVER	LOWER BUCKS CO JT MUN AUTH	PA0026468	
PA	III	STATE	EAST BRANCH BRANDYWINE CREEK	SOUTHWEST DELAWARE CITY AUTH.	PA0027383	
PA	III	STATE	EAST BRANCH BRANDYWINE CREEK	DOWNINGTOWN BORO	PA0026531	
PA	III	STATE	WEST BR RED CLAY CK	KENNETT SQUARE BOROUGH	PA0024058	ORGANICS
PA	III	STATE	MARCUS HOOK CR	BP OIL CO.	PA0012637	ORGANICS
PA	III	STATE	EAST BRANCH CHESTER CREEK	WEST CHESTER BOROUGH (GOOSE CR)	PA0027031	
PA	III	STATE	EAST BRANCH CHESTER CREEK	WEST GOSHEN SEWER AUTH	PA0028584	
PA	III	STATE	RIDLEY CR	MEDIA BORO STP	PA0024121	
PA	III	STATE	SCHUYLKILL RIVER	CROMPTON & KNOWLES	PA0022047	
PA	III	STATE	SCHUYLKILL RIVER	READING CITY (FRITZ ISL.)	PA0026549	
PA	III	STATE	SCHUYLKILL RIVER	EXETER TWP AUTH.	PA0026972	
PA	III	STATE	SCHUYLKILL RIVER	POTTSTOWN BOROUGH	PA0026786	
PA	III	STATE	SCHUYLKILL RIVER	EAST MORRISON-PLYMOUTH JOINT	PA0026816	
PA	III	STATE	SCHUYLKILL RIVER	SAITH-KLINE CHEMICAL	PA0050377	
PA	III	STATE	SCHUYLKILL RIVER	BALDWIN HARDWARE MFG.	PA0011371	
PA	III	STATE	SCHUYLKILL RIVER	CARPENTER TECH CORP	PA0013129	
PA	III	STATE	SCHUYLKILL RIVER	STANLEY G FLAGG & CO. INC.	PA0050903	
PA	III	STATE	SCHUYLKILL RIVER	MONTCOMERY COUNTY SEWER AUTH	PA0026964	
PA	III	STATE	SCHUYLKILL RIVER	METRO. EDISON CO. (TITUS)	PA0010782	
PA	III	STATE	SCHUYLKILL RIVER	PHILADELPHIA ELECTRIC (LIMRICK	PA0051926	
PA	III	STATE	WISSAHICKON CREEK	AMBIER BOROUGH (SOUTH)	PA0026603	

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
PA	III	STATE	WISSAHICKON CREEK	UPPER GWYNEDD TWP MUN AUTH	PA0023256	
PA	III	STATE	TROUT CR	UPPER MERION (TROUT CR)	PA0026131	
PA	III	STATE	PERKIOMEN CREEK	AJAX/ACORN MFG. INC.	PA0034622	
PA	III	STATE	TOWAKENCIN CREEK	UPPER GWYNEDD TOWANENCIN MUN	PA0039004	
PA	III	STATE	EAST BRANCH PERKIOMEN CREEK	PENNRIDGE WASTEWATER TREATMENT	PA0020460	
PA	III	STATE	MACOBY CREEK BRANCH	BERKS-MONTGOMERY MUNIC. AUTH.	PA0024180	
PA	III	STATE	FRENCH CREEK	UPPER MERION MUN UTIL AUTH	PA0026085	
PA	III	STATE	FRENCH CREEK	CONSHEHOCKEN BOROUGH AUTH.	PA0026794	
PA	III	STATE	ANTIETAM CR	ANTIETAM VALLEY MUNICIPAL AUTH	PA0026646	
PA	III	STATE	WYOMISSING CREEK	WYOMISSING VAL. JT. MUN. AUTH	PA0026638	
PA	III	STATE	LAUREL RUN	MGK METALS CORP	PA0011363	
PA	III	STATE	PENNYPACK CREEK	UPPER MORELAND - HATBORO	PA0025976	
PA	III	STATE	NESHAMINY CR AND TRIBS	CHALFONT-NEW BRIT. JT. SEWER AU	PA0025917	
PA	III	STATE	WEST BRANCH NESHAMINY CREEK	HATFIELD TWP. MUN. AUTH	PA0026247	
PA	III	STATE	TOHICKON CREEK	QUAKERTOWN BORO	PA0020290	
PA	III	STATE	LEHIGH R AND TRIBS	AMERICAN NICKELOID-EASTERN	PA0011762	METALS
PA	III	STATE	LEHIGH R AND TRIBS	BETHLEHEM CITY	PA0026042	METALS
PA	III	STATE	LEHIGH R AND TRIBS	CATASAUQUA BORO AUTH	PA0021580	METALS
PA	III	STATE	LEHIGH R AND TRIBS	KEYSTONE LAMP MFG CORP.	PA0035165	METALS
PA	III	STATE	LEHIGH R AND TRIBS	ALLENTOWN CITY AUTHORITY	PA0026000	METALS
PA	III	STATE	LEHIGH R AND TRIBS	BETHLEHEM CITY (BETHLEHEM AUTH	PA0026042	METALS
PA	III	STATE	LEHIGH R AND TRIBS	AT&T TECHNOLOGIES, INC.	PA0011134	METALS
PA	III	STATE	SOUCON CR	UPPER SOUCON TWP	PA0043737	
PA	III	STATE	JORDAN CREEK	IMC CHEM GROUP	PA0070505	
PA	III	STATE	AQUASHICOLA CREEK	NEW JERSEY ZINC COMPANY, INC	PA0012751	
PA	III	STATE	MANOWING CR	LEHIGHTON ELECTRONIC, INC.	PA0044920	
PA	III	STATE	PANTHER CR	COALDALE LANSFORD SUMMIT HILL	PA0026476	
PA	III	STATE	MUMMLER RUN	TOBYHENNA ARMY DEPOT	PA0010987	
PA	III	STATE	BRODHEAD CR	EAST STROUDSBURG	PA0020168	
PA	III	STATE	BRODHEAD CR	STROUDS PAPER BOARD (ROCK-TENN	PA0012963	
PA	III	STATE	SUSQUEHANNA RIVER	GTE SYLVANIA	PA0009024	
PA	III	STATE	SUSQUEHANNA RIVER	HIGHSPIRE BORO STP	PA0024040	
PA	III	STATE	SUSQUEHANNA RIVER	ATHENS-SAYRE JT. AUTH.	PA0043681	
PA	III	STATE	SUSQUEHANNA RIVER	UNITED PIECE DYE WORKS	PA0009172	
PA	III	STATE	SUSQUEHANNA RIVER	ARMSTRONG WORLD INDS/MARIETTA	PA0006761	
PA	III	STATE	SUSQUEHANNA RIVER	ELECTRO-PLATERS OF YORK, INC	PA0007773	
PA	III	STATE	SUSQUEHANNA RIVER	BETHLEHEM STEEL - STEELTON	PA0008303	
PA	III	STATE	SUSQUEHANNA RIVER	PROCTOR & GAMBLE	PA0008885	
PA	III	STATE	SUSQUEHANNA RIVER	MERCK & CO. INC.-CHEROKEE	PA0008419	
PA	III	STATE	SUSQUEHANNA RIVER	SELINGSGROVE MUN. AUTH.	PA0110582	
PA	III	STATE	SUSQUEHANNA RIVER	UGI CORP. (MUNLOCK)	PA0008664	
PA	III	STATE	SUSQUEHANNA RIVER	TOWANDA MUN. AUTH.	PA0034576	
PA	III	STATE	SUSQUEHANNA RIVER	PP&I, SUNBURY	PA0008451	
PA	III	STATE	MILL CR	NEW HOLLAND BORO AUTHORITY	PA0021890	
PA	III	STATE	LITTLE MUDDY CR	LANCASTER CITY SEWER AUTH.	PA0026743	

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(l)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
PA	III	STATE	DRY RUN	LANCASTER AREA SEWER AUTHORITY	PA0042269	
PA	III	STATE	SHAWNEE RUN	ITT GRINNELL CORP	PA0080195	METALS
PA	III	STATE	CHICKIES CREEK	MANHEIM BORO AUTHORITY	PA0020893	
PA	III	STATE	CODORUS CR	SPRINGETTSBURY TWP	PA0026808	ORGANICS
PA	III	STATE	CODORUS CR	YORK CITY SEWER AUTH.	PA0026263	ORGANICS
PA	III	STATE	CODORUS CR	HARLEY-DAVIDSON MOTOR CO.	PA0007765	ORGANICS
PA	III	STATE	SOUTH BRANCH CODORUS CREEK	NEW FREEDOM BOROUGH AUTHORITY	PA0043257	
PA	III	STATE	OIL CREEK	PENN TWP	PA0037150	METALS
PA	III	STATE	WEST BRANCH CODORUS CR	PH GLATFELTER CO.	PA0008869	
PA	III	STATE	SWATARA CREEK	PENN DYE & FINISHING CO. INC.	PA0008231	
PA	III	STATE	SWATARA CREEK	SWATARA TWP AUTH.	PA0026735	
PA	III	STATE	KILLINGER CR	PALMYRA BOROUGH AUTH	PA0024287	
PA	III	STATE	ROWE RUN	LETTERKENNY ARMY DEPOT	PA0010502	
PA	III	STATE	JUNIATA RIVER	HUNTINGDON WATER & S. A.	PA0026191	
PA	III	STATE	JUNIATA RIVER	EMPIRE KOSHER POULTRY	PA0007552	
PA	III	STATE	KISHACOQUILLAS CR	FREEDOM FORGE CORP	PA0009164	
PA	III	STATE	RAYSTOWN BRANCH JUNIATA RIVER	HEDSTROM CO	PA0007625	
PA	III	STATE	LITTLE JUNIATA RIVER	ALTOONA MSA-EASTERN PLANT	PA0027014	
PA	III	STATE	FRANKSTOWN BRANCH JUNIATA RIVE	HOLLIDAYSBURG WWTP	PA0043273	
PA	III	STATE	FRANKSTOWN BRANCH JUNIATA RIVE	APPLETON PAPERS INC.	PA0008265	
PA	III	STATE	BEAVER BRANCH	ALTOONA MSA/WEST STP	PA0027022	
PA	III	STATE	W BR SUSQUEHANNA R	PENELEC SHAWVILLE	PA0010031	METALS
PA	III	STATE	W BR SUSQUEHANNA R	HOWES LEATHER COMPANY	PA0009300	METALS
PA	III	STATE	CHILLISQUAQUE CR	PP&L MONTOUR	PA0008443	
PA	III	STATE	BALD EAGLE CR	HAMMERMILL PAPER -LOCK HAVEN	PA0007510	
PA	III	STATE	SPRING CREEK	UNIVERSITY AREA JT. AUTH.	PA0026239	ORGANICS
PA	III	STATE	LOGAN BRANCH	CERRO COPPER & BRASS	PA0009202	
PA	III	STATE	BLACK CR	GREATER HAZLETON SA	PA0026921	
PA	III	STATE	BIG WAPWALLOPEN CREEK	MOUNTAINTOP AREA JT. SAN. AUTH	PA0045985	
PA	III	STATE	WATERING RUN	CABOT CORP	PA0011258	
PA	III	STATE	TOBY CR	DALLAS AREA MUN. AUTH.	PA0026221	
PA	III	STATE	TIOGA RIVER	MANSFIELD BOROUGH	PA0021814	
PA	III	STATE	COWANESQUE RIVER	WESTFIELD TANNING COMPANY	PA0008800	
PA	III	STATE	UNNAMED TRIB TO SUSQUEHANNA RI	WYETH LABORATORIES INC-MARIETT	PA0013862	
PA	III	STATE	OHIO RIVER	ARCO CHEM CO BEAVER VALLEY	PA0006254	
PA	III	STATE	OHIO RIVER	J&L SPECIALTY PRODUCTS CORP	PA0005754	
PA	III	STATE	OHIO RIVER	USS HOMESTEAD WORKS	PA0004481	
PA	III	STATE	OHIO RIVER	AMBRIDGE BORO STP	PA0027146	
PA	III	STATE	JACOBS CR	WESTMORELAND-FAYETTE MUN SEW	PA0026581	
PA	III	STATE	TWO MILE RUN	WESTINGHOUSE ELECTRIC CORP.	PA0001236	
PA	III	STATE	BEAVER RIVER	BABCOCK & WILCOX CO TUB PROD	PA0003239	
PA	III	STATE	CONNOQUENESSING CREEK	ARMCO STEEL - BUTLER	PA0006343	
PA	III	STATE	CONNOQUENESSING CREEK	ELLWOOD CITY BORO	PA0026832	
PA	III	STATE	WOLFE CR	GROVE CITY BORO	PA0020257	
PA	III	STATE	MAHONING RIVER	NEW CASTLE SANITARY AUTHORITY	PA0027511	

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
PA	III	STATE	SHENANGO RIVER	SHARON STEEL - FARRELL	PA0002429	
PA	III	STATE	SHENANGO RIVER	CYCLOPS CORP - SHARON	PA0006378	
PA	III	STATE	SHENANGO RIVER	SHARON SEWER SYSTEM	PA0027138	
PA	III	STATE	CHARTIERS CREEK	WASH. E. WASH. STP	PA0026212	
PA	III	STATE	CHARTIERS CREEK	CANONS-HOUSTON STP	PA0025941	
PA	III	STATE	CAMPBELLS RUN	ROBINSON TWP-CAMPBELLS RUN STP	PA0036293	
PA	III	STATE	MONONGAHELA RIVER	U.S.STEEL - CLAIRTON WORKS	PA0004472	
PA	III	STATE	MONONGAHELA RIVER	U S.STEEL - DUQUESNE	PA0094811	
PA	III	STATE	MONONGAHELA RIVER	U.S.STEEL - IRVIN WORKS	PA0004073	
PA	III	STATE	MONONGAHELA RIVER	U.S.STEEL - NATIONAL	PA0004464	
PA	III	STATE	MONONGAHELA RIVER	MONONGAHELA VALLEY S.A. (UNT)	PA0026158	
PA	III	STATE	TURTLE CR	FRANKLIN TWP M S A	PA0025674	
PA	III	STATE	TURTLE CR	USS EDGAR THOMPSON W	PA0094510	
PA	III	STATE	THOMPSON RUN	PENN HILLS TWP GASCOIA PLANT	PA0026395	
PA	III	STATE	ABERS CR	HOLIDAY PARK STP	PA0035360	
PA	III	STATE	YOUGHIOGHENY RIVER	CONNELLSVILLE MUN AUTH STP	PA0026905	
PA	III	STATE	SEWICKLEY CR	ROBERTSHAW CONTROLS CO (UNT)	PA0002305	METALS
PA	III	STATE	SEWICKLEY CR	WESTINGHOUSE ELEC -SEMICON	PA0001201	METALS
PA	III	STATE	SEWICKLEY CR	MILL SERVICE/YUKON PLANT	PA0027715	METALS
PA	III	STATE	BUFFALO RUN	YOUNGWOOD ELECTRONIC METALS	PA0006467	
PA	III	STATE	JACK'S RUN	GR. GREENSBURG S.A.-JACKS RUN	PA0027456	
PA	III	STATE	SHUPE'S RUN	MOUNT PLEASANT BORO	PA0021148	
PA	III	STATE	LICK RUN	PLEASANT HILLS AUTH.	PA0027464	
PA	III	STATE	PINEY FORK	BETHEL PARK BORO STP	PA0027618	
PA	III	STATE	REDSTONE CR	UNIONTOWN STP	PA0027219	
PA	III	STATE	ALLEGHENY RIVER	GTE PRODUCTS CORP. WARREN	PA0001791	
PA	III	STATE	ALLEGHENY RIVER	ALLEG LUD STL CORP	PA0013820	
PA	III	STATE	ALLEGHENY RIVER	UPPER ALLEG JT SEWER AUTH	PA0027391	
PA	III	STATE	PINE CR	ALLISON PARK STP	PA0043729	
PA	III	STATE	TAWNEY RUN	DUQUESNE LIGHT-CHESWICK POWER	PA0001627	
PA	III	STATE	KISKIMINETAS RIVER	ALLEGHENY-LUDLUM	PA0006327	
PA	III	STATE	CONEMAUGH RIVER	BETHLEHEM STEEL - JOHNSTOWN	PA0002992	
PA	III	STATE	CONEMAUGH RIVER	PENELEC CONEMAUGH	PA0005011	
PA	III	STATE	CONEMAUGH RIVER	PENELEC SEWERD	PA0002054	
PA	III	STATE	CONEMAUGH RIVER	JOHNSTOWN, CITY OF	PA0026034	
PA	III	STATE	TWO LICK CR	PENELEC HOMER CITY	PA0005037	
PA	III	STATE	TWO LICK CR	FMC CORP HOMER CITY PLANT	PA0001716	
PA	III	STATE	STONEY RUN	SEASON-ALL INC INDIANA	PA0007137	
PA	III	STATE	STONEY RUN	INDIANA BORO - STP	PA0026751	
PA	III	STATE	WHITE'S RUN	MCCREARY TIRE AND RUBBER	PA0004057	
PA	III	STATE	STONY CREEK	SCM CORPORATION	PA0110591	
PA	III	STATE	HOWELLS RUN	EBENSBURG BORO	PA0022292	
PA	III	STATE	CROOKED CR	PENELEC KEYSTONE	PA0002062	
PA	III	STATE	MAHONING CREEK	INTERNATIONAL JENSEN INC.	PA0044342	
PA	III	STATE	SANDY LICK CR	DUBOIS STP	PA0027375	

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
PA	III	STATE	SOUTH BRANCH BEAR CREEK	WITCO CHEMICAL - PETROLIA	PA0002666	
PA	III	STATE	SOUTH BRANCH BEAR CREEK	PENRECO-PENNZOIL CO.	PA0002135	
PA	III	STATE	CLARION RIVER	RIDGWAY BOROUGH STP	PA0023213	
PA	III	STATE	CLARION RIVER	CLARION AREA AUTH STP	PA0029491	
PA	III	STATE	CLARION RIVER	PANNTech PAPERS	PA0002143	
PA	III	STATE	ELK CR	RIDGEWAY COLOR & CHEM.	PA0006394	METALS
PA	III	STATE	FRENCH CR	SPECTRUM CONTROL, INC. (UNT)	PA0100307	
PA	III	STATE	OIL CREEK	CITY OF TITUSVILLE	PA0036650	
PA	III	STATE	GAR RUN	TORPEDO OUTFALL 1	PA0035114	METALS
PA	III	STATE	EAST BRANCH TUNUNGWANT CREEK	ZIPPO MANUFACTURING COMPANY	PA0002976	
PA	III	STATE	EAST BRANCH ANTIETAM CREEK	WAYNESBORO BORO AUTH (UNT)	PA0020621	
PA	III	STATE	EAST BRANCH ANTIETAM CREEK	WASHINGTON TWP M. A.	PA0080225	
PA	III	STATE	JOHNSTON RUN	LOWENGART & CO. - MERCERBURG	PA0009521	
PA	III	STATE	SIXTEENMILE CREEK	NORTH EAST BOROUGH	PA0023043	
PA	III	STATE	BRANDY RUN	GUNNISON BRO. TANNERY	PA0033367	
PR	II	STATE	CANO DE SANTIAGO	YABUCOA SUN OIL	PR0000400	METALS
PR	II	STATE	CANO CONTROL DE LA MALARIA	CARIBBEAN GULF REFINING CO.	PR0000370	METALS
PR	II	STATE	UT RIO AIBONITO	TO-RICOS POULTRY	PR0000833	METALS
PR	II	STATE	RIO HONDO	SAN JUAN REALTY	PR0023663	METALS
PR	II	STATE	RIO BAYAMON	PRIDCO CIDRA	PR0023086	METALS
PR	II	STATE	RIO GRANDE DE LOIZA	CROWN CORK	PR0024872	METALS
PR	II	STATE	RIO GURABO	LIFE SAVER	PR0023248	METALS
PR	II	STATE	RIO GURABO	PRIDCO LAS PIEDRAS	PR0022993	METALS
PR	II	STATE	RIO CAGUITAS	CAGUAS STP	PR0021652	METALS
PR	II	STATE	UT RIO DEL INGENIO	UNION CARBIDE GRAFITO	PR0000876	METALS
PR	II	STATE	QUEBRADA HONDA	LA PONDEROSA DEEP WELL	PR0024708	ORGANICS
PR	II	STATE	PONCE COASTAL	CARIBE TUNA	PR0021105	METALS
RI	I	STATE	PAWTUXET RIVER	CRANSTON WWTF	RI0100013	METALS
RI	I	STATE	PAWTUXET RIVER	WARWICK WWTF	RI0100234	METALS
RI	I	STATE	PAWTUXET RIVER	WEST WARWICK WWTF	RI0100153	METALS
SC	IV	STATE	DITCH TO SOCASTEE SWAMP	WOLVERINE BRASS WORKS	SC0002780	METALS, ORGANICS
SC	IV	STATE	UT PYE BR/JEFFRIES CR+2MI CR/P	KOPPER INDUSTRIES	SC0003018	ORGANICS
SC	IV	STATE	FORK CREEK	DIXIE YARNS/CARO-KNIT PLANT	SC0002500	METALS
SC	IV	STATE	LITTLE PEE DEE RIVER	MOHASCO INDUST., DIXIANA MILL	SC0001805	ORGANICS
SC	IV	STATE	LITTLE PEE DEE RIVER	MOHASCO INDUST., DIXIANA MILL	SC0001805	ORGANICS
SC	IV	STATE	SAMPIT RIVER	INTERNATIONAL PAPER	SC0000868	DIOXIN
SC	IV	STATE	WATEREE RIVER	UNION CAMP	SC0038121	DIOXIN
SC	IV	STATE	GOOSE BRANCH	SQUARE D	SC0004286	METALS
SC	IV	STATE	CATAWBA RIVER	BOWATER INC./CAROLINA DIV.	SC0001015	DIOXIN
SC	IV	STATE	TWELVE MILE CREEK	CAROLINA STEEL AND WIRE	SC0026239	METALS
SC	IV	STATE	HAMILTON CREEK	PLATT SAGO LOWELL CORP.	SC0001155	METALS
SC	IV	STATE	UT TO SARRATT CREEK	PEELER RUG CO.	SC0040061	ORGANICS
SC	IV	STATE	TRIB TO LITTLE HORSE CREEK	SPARTAN MILLS/JH MONTGOMERY PL	SC0002429	METALS
SC	IV	STATE	PRINCESS CREEK	EXIDE/GENERAL BATTERY CORP.	SC0042633	METALS
SC	IV	STATE	TRIB TO SANDY RUN CREEK	SPARTAN MILLS/ROSEMONT PLANT	SC0037371	METALS, ORGANICS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
SC	IV	STATE	MILL CREEK	J B MARTIN CO.	SC0002402	METALS
SC	IV	STATE	CUPBOARD CREEK	BLAIR MILLS	SC0000426	METALS, ORGANICS
SC	IV	STATE	THREE AND TWENTY CREEK	MICHELIN TIRE/SANDY SPRINGS	SC0026701	METALS
SC	IV	STATE	TRIB TO WOODSIDE BRANCH TO EIG	GREENWOOD MILLS/LIBERTY PLANT1	SC0000264	METALS, ORGANICS
SC	IV	STATE	TOWN CR TO TWELVEMILE CR TO LK	CORNELL DUBLIER	SC0000141	PCBs
TN	IV	STATE	TRIB. TO MILL CREEK	TEXTRON AEROSTRUCTURES	TN0001597	METALS
TN	IV	STATE	SOUTH HOLSTON R	MEAD CORP.	TN0001643	DIOXIN
TN	IV	STATE	WATAUGA RIVER	NORTH AMERICAN RAYON	TN0004421	METALS
TN	IV	STATE	WATAUGA RIVER	ELIZABETHON STP	TN0023515	METALS
TN	IV	STATE	PIGEON RIVER	CHAMPION PAPER CO.	NC0000272	DIOXIN
TN	IV	STATE	PIGEON RIVER	CHAMPION PAPER CO	NC0000272	DIOXIN
TN	IV	STATE	SINKING CREEK	BALL CORPORATION	TN0001899	METALS
TN	IV	STATE	MITCHELL BRANCH	US DOE K-25 GASEOUS DIFFUSION	TN0002950	METALS, ORGANICS
TN	IV	STATE	EAST FORK POPLAR CREEK AND BEA	US DOE Y-12 ENRICHED URANIUM	TN0002968	METALS
TN	IV	STATE	WHITE OAK CR, FIFTH CR AND MEL	OAK RIDGE NATIONAL LAB	TN0002941	ORGANICS, PCBs
TN	IV	STATE	HIWASSEE RIVER	BOWATER SOUTHERN PAPER CO.	TN0002356	DIOXIN
TN	IV	STATE	OOSTANAULA CREEK	ATHENS STP	TN0024201	METALS
TN	IV	STATE	SHOAL CR	LAWRENCEBURG STP	TN0022551	METALS
TN	IV	STATE	NONCONNAH CREEK	REFINED METALS	TN0058432	METALS
TN	IV	FEDERAL	UT TO CUMBERLAND R	JERSEY MINIERE ZINC	TN0029157	METALS
TX	VI	FEDERAL	SULFUR RIVER	INTERNATIONAL PAPER	TX0000167	
TX	VI	STATE	NECHES RIVER	TEMPLE EASTEX	TX0003891	
TX	VI	FEDERAL	PAPER MILL CR/L SAM RAYBURN	CHAMPION INTERNATIONAL	TX0001643	
TX	VI	FEDERAL	HOUSTON SHIP CHANNEL	CHAMPION INT, HOUSTON	TX0053023	
TX	VI	FEDERAL	HOUSTON SHIP CHANNEL	CHAMPION INT, PASADENA	TX0006041	
TX	VI	STATE	LINVILLE BAYOU	PHILLIPS 66	TX0007536	
UT	VIII	FEDERAL	UTAH LAKE	GENEVA STEEL	UT0000361	ORGANICS
UT	VIII	FEDERAL	PROVO RIVER/DRAIN TUNNEL CREEK	UNITED PARK CITY MINE	UT0022403	
UT	VIII	FEDERAL	COTTONWOOD CR/SAN RAFAEL R	UT POWER & LIGHT, WILBERG MINE	UT0022896	
UT	VIII	FEDERAL	PLEASANT VALLEY CR/ECCLES CK/P	COASTAL STATES COAL	UT0023540	
UT	VIII	FEDERAL	C7 DITCH/KERSY CR	KENNECOTT UTAH COPPER	UT0000051	
UT	VIII	FEDERAL	GREAT SALT LAKE	EASTMAN CHRISTIANSEN	UT0000531	
UT	VIII	FEDERAL	OIL DRAIN CANAL	CHEVRON USA	UT0000175	
UT	VIII	FEDERAL	STATE INDUSTRIAL CANAL.	PHILLIPS 66	UT0000507	
VA	III	FEDERAL	SWIFT CREEK	ALLIED CHEMICAL	VA0005304	METALS, ORGANICS
VA	III	FEDERAL	SPRING CREEK	MASONITE CORP.	VA0004022	METALS
VA	III	FEDERAL	SHAND CREEK	NAROX, INC.	VA0050962	METALS
VA	III	FEDERAL	HORSEPEN BRANCH	REYNOLDS METALS	VA0005525	METALS
VA	III	FEDERAL	PROCTORS CREEK	REYNOLDS METALS - BELLWOOD	VA0002861	METALS
VA	III	FEDERAL	PETERS CREEK	ROANOKE ELECTRIC STEEL	VA0001589	METALS
VA	III	FEDERAL	WILLOUGHBY BAY	U S. NAVY - SEWELLS PT	VA0004421	METALS
VA	III	FEDERAL	JACKSON R	WESTVACO	VA0003646	DIOXIN
VA	III	FEDERAL	CLINCH RIVER	APCO - CARBO	VA0000105	METALS
VA	III	FEDERAL	CATTAIL CREEK	AQUALON	VA0003492	CYANIDE, METALS
VA	III	FEDERAL	N FK ROANOKE RIVER	FEDERAL MOGUL	VA0001619	METALS

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
VA	III	FEDERAL	HERRING BROOK	GE - CHARLOTTESVILLE	VA0054607	METALS
VA	III	FEDERAL	POPLAR CREEK	HALIFAX COTTON MILLS	VA0001376	METALS
VA	III	FEDERAL	NOTTOWAY RIVER	HERCULES - FRANKLIN	VA0003433	DIOXIN,METALS
VA	III	FEDERAL	NOTTOWAY RIVER	UNION CAMP	VA0004162	DIOXIN,METALS
VA	III	FEDERAL	TWITTY'S CREEK	J. P. STEVENS - DRAKES BRANCH	VA0025194	METALS
VA	III	FEDERAL	RHODY CREEK	J. P. STEVENS - ELASTOMERIC	VA0001562	METALS
VA	III	STATE	SF SHENANDOAH RIVER	AVTEX FIBERS OUTFALL 003 & 004	VA0002208	METALS
VA	III	STATE	JAMES RIVER	ALLIED CHEMICAL	VA0005291	METALS
VA	III	STATE	GRAVELLY RUN	HOPEWELL POTW	VA0066630	METALS
VA	III	STATE	S BR ELIZABETH RIVER	NORSHIPCO BERKELY	VA0004383	METALS,ORGANICS
VA	III	STATE	S BR ELIZABETH RIVER	NORFOLK NAVAL SHIPYARD	VA0005215	METALS,ORGANICS
VA	III	STATE	S BR ELIZABETH RIVER	COLONNA SHIPYARD	VA0053813	METALS,ORGANICS
VA	III	STATE	MAURY RIVER	GEORGIA BONDED FIBERS	VA0004791	METALS
VA	III	STATE	INDIAN GAP RUN	MODINE MANUFACTURING	VA0002771	METALS,ORGANICS
VA	III	STATE	JAMES RIVER	LYNCHBURG POTW	VA0024970	METALS
VA	III	STATE	RUTLEDGE CREEK	CORNING GLASS - DANVILLE	VA0001627	METALS
VA	III	STATE	SMITH RIVER	MARTINSVILLE POTW	VA0025305	METALS
VA	III	STATE	SMITH RIVER	J. P. STEVENS - WOOLWINE	VA0001554	METALS
VA	III	STATE	FRAIZERS CREEK	PIEDMONT MANUFACTURING	VA0001171	METALS
VA	III	STATE	CHESTNUT CREEK	GALAX POTW	VA0021075	METALS,ORGANICS
WA	X	STATE	INNER BELLINGHAM BAY	GEORGIA PACIFIC	WA0001091	METALS
WA	X	STATE	INNER BELLINGHAM BAY	BELLINGHAM STP	WA0023744	METALS
WA	X	STATE	PORT GARDNER/EVERETT HARBOR	WEYERHAUSER - EVERETT	WA0003000	DIOXIN,METALS,ORGANICS
WA	X	STATE	PORT GARDNER/EVERETT HARBOR	SCOTT PAPER CO.	WA0000621	DIOXIN,METALS,ORGANICS
WA	X	STATE	PORT GARDNER/EVERETT HARBOR	PAINE FIELD INDUS SOURCES		DIOXIN,METALS,ORGANICS
WA	X	STATE	PORT GARDNER/EVERETT HARBOR	EVERETT CSO		DIOXIN,METALS,ORGANICS
WA	X	STATE	LAKE UNION	4 CITY CSOS TO PORTAGE/MONTLAK		METALS,ORGANICS,PCBs
WA	X	STATE	LAKE UNION	2 METRO CSOS TO PRAGE/MONTLAK		METALS,ORGANICS,PCBs
WA	X	STATE	LAKE UNION	9 CITY CSOS TO L UNION		METALS,ORGANICS,PCBs
WA	X	STATE	LAKE UNION	METRO CSO TO L UNION		METALS,ORGANICS,PCBs
WA	X	STATE	LAKE UNION	3 CITY CSOS TO SHIP CANAL		METALS,ORGANICS,PCBs
WA	X	STATE	LAKE UNION	3 METRO CSOS TO SHIP CANAL		METALS,ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	RENTON WWTF	WA0029581	ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	TODD SHIPYARDS	WA0002615	ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	WYCKOFF		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	SEATTLE IRON AND METALS		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	BOEING NORTH FIELD	WA0000868	ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	MONO ROOFING		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	MELTEC		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	PACIFIC WIRE WORKS		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	SEAFAB		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	UNITED MARINE SHIPBUILDING	WA0030864	ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	UNITED MARINE SHIPBUILDING	WA0030899	ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	TERMINAL 5		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	18 CSOS AND STORM DRAINS		ORGANICS,PCBs

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
WA	X	STATE	DUWAMISH WATERWAY/RIVER	LOCKHEED 1 AND 2		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	SHELL		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	COLUMBIA CEMENT		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	TEXACO		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	ARCO		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	FISHER MILLS		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	MARINE POWER & EQUIP.		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	SEAFAB/QUEMETCO		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	DUWAMISH SHIPYARD		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	KAISER CEMENT/LONE STAR		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	RHONE-POULENC		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	GATX		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	IDEAL BASIC INDUSTRIES		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	EARLE M. JORGENSON		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	KENWORTH TRUCK		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	OCEAN CONSTRUCTION		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	ASH GROVE/LONE STAR		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	ASH GROVE/KAISER		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	HARBOR ISLAND SUPERFUND SITE		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	NON FERROUS METALS		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	VALUE METAL PLATING		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	UNOCAL		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	CENTRAL PAINTING		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	CITY OF SEATTLE		ORGANICS,PCBs
WA	X	STATE	DUWAMISH WATERWAY/RIVER	NORTHWEST COOPERAGE		ORGANICS,PCBs
WA	X	STATE	INNER COMMENCEMENT BAY	SIMPSON TACOMA KRAFT	WA0000850	METALS,ORGANICS,PCBs
WA	X	STATE	INNER COMMENCEMENT BAY	PENNWALT		METALS,ORGANICS,PCBs
WA	X	STATE	INNER COMMENCEMENT BAY	8 LOG STORAGE YARDS		METALS,ORGANICS,PCBs
WA	X	STATE	INNER COMMENCEMENT BAY	WEYERHAEUSER		METALS,ORGANICS,PCBs
WA	X	STATE	INNER COMMENCEMENT BAY	B & I. LANDFILL		METALS,ORGANICS,PCBs
WA	X	STATE	INNER COMMENCEMENT BAY	11 STORM DRAINS		METALS,ORGANICS,PCBs
WA	X	STATE	CITY WATERWAY	TACOMA BOAT BUILDING		ORGANICS
WA	X	STATE	SINCLAIR INLET	PUGET SOUND NAVAL SHIPYARD	WA0002062	METALS,ORGANICS,PCBs
WA	X	STATE	SINCLAIR INLET	BREMERTON STP	WA0029289	METALS,ORGANICS,PCBs
WA	X	STATE	SINCLAIR INLET	PORT ORCHARD/KCSD NO. 5 WWTP	WA0020346	METALS,ORGANICS,PCBs
WA	X	STATE	SINCLAIR INLET	CSO		METALS,ORGANICS,PCBs
WA	X	STATE	GRAYS HARBOR	WEYERHAEUSER CO.-COSMOPOLIS	WA0000809	DIOXIN
WA	X	STATE	GRAYS HARBOR	ITT RAYONIER-HOQUIAM	WA0003077	DIOXIN
WA	X	STATE	LONGVIEW DITCHES	WEYERHAEUSER WOOD PROD. DIV.	WA0039187	METALS
WA	X	STATE	LONGVIEW DITCHES	REYNOLDS ALUMINUM CO.	WA0000086	METALS
WA	X	STATE	SNAKE RIVER	POTLATCH CORP.-LEWISTON ID	ID0001163	DIOXIN
WA	X	STATE	COLUMBIA RIVER	JAMES RIVER II, INC.-CAMAS	WA0000256	DIOXIN
WA	X	STATE	COLUMBIA RIVER	LONGVIEW FIBRE-LONGVIEW	WA0000078	DIOXIN
WA	X	STATE	COLUMBIA RIVER	WEYERHAEUSER-LONGVIEW	WA0000124	DIOXIN
WA	X	STATE	COLUMBIA RIVER	BOISE CASCADE CORP.-WALLULA	WA0003697	DIOXIN

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
WI	V	STATE	LAKE MICHIGAN	MILWAUKEE MSD - S SHORE	WI0024775	CYANIDE, METALS
WI	V	STATE	LAKE MICHIGAN	MILWAUKEE MSD - JONES IS	WI0024767	CYANIDE, METALS
WI	V	STATE	WISCONSIN RIVER	DAISHOWA CHEMICALS	WI0003450	METALS
WI	V	STATE	WISCONSIN RIVER	WAUSAU WWTP	WI0025739	METALS
WI	V	STATE	WISCONSIN RIVER	VULCAN MATERIALS	WI0003565	METALS
WI	V	STATE	DAVY CREEK	OCONOMOWOC ELECTROPLATING	WI0002241	METALS
WI	V	STATE	BADFISH CREEK	MADISON MSD	WI0024597	METALS
WI	V	STATE	ILLINOIS-FOX RIVER	WAUKESHA STP	WI0029971	METALS
WI	V	STATE	WISCONSIN RIVER	NEKOOSA PAPERS INC.	WI0003620	DIOXIN
WI	V	STATE	WISCONSIN RIVER	CONSOLIDATED PAPERS	WI0037991	DIOXIN
WI	V	FEDERAL	PESHTIGO RIVER	PESHTIGO STP	WI0030651	DIOXIN
WI	V	FEDERAL	PESHTIGO RIVER	BADGER PAPER MILL	WI0000663	DIOXIN
WI	V	FEDERAL	LOWER FOX RIVER	GREEN BAY MSD	WI0020991	DIOXIN
WI	V	FEDERAL	LOWER FOX RIVER	JAMES RIVER CORP.	WI0001261	DIOXIN
WI	V	FEDERAL	LOWER FOX RIVER	FORT HOWARD PAPER	WI0001848	PCBs
WI	V	FEDERAL	LAKE MICHIGAN	AMERICAN BRASS CO	WI0000299	METALS
WI	V	FEDERAL	WISCONSIN RIVER	WEYERHAEUSER CORP.	WI0026042	DIOXIN
WV	III	STATE	JARRETT BR	ELKEM METALS CO.	WV0076074	METALS
WV	III	STATE	EAST FK/GREENBRIER R	HOWES LEATHER CO	WV0001121	METALS
WV	III	STATE	TURKEY RUN	3M CO.	WV0005533	CYANIDE, METALS
WY	VIII	STATE	L HORSE CREEK	KIRKWOOD	WY0000795	
WY	VIII	STATE	BEAVER CREEK	AMOCO	WY0000256	
WY	VIII	STATE	POPO AGIE RIVER	AMOCO	WY0000221	
WY	VIII	STATE	L POPO AGIE RIVER	UNION - DALLAS	WY0001171	
WY	VIII	STATE	TWIN CREEK	UNION - DERBY	WY0001210	
WY	VIII	STATE	GOOSEBERRY CREEK	MOBIL - A GOOSEBERRY	WY0032794	
WY	VIII	STATE	GOOSEBERRY CREEK	MOBIL - B GOOSEBERRY	WY0032808	
WY	VIII	STATE	LAKE CREEK	TEXACO	WY0002984	
WY	VIII	STATE	LAKE CREEK	TEXACO - WELL 22	WY0024830	
WY	VIII	STATE	GRASS CREEK	MARATHON - S. WATER PIT	WY0001805	
WY	VIII	STATE	RAWHIDE CREEK	MARATHON	WY0026590	
WY	VIII	STATE	GREYBULL RIVER	AMOCO - FOURBEAR NO. 3	WY0023230	
WY	VIII	STATE	GREYBULL RIVER	AMOCO - FOUR BEAR NO. 4	WY0023248	
WY	VIII	STATE	ARNOLDUS LAKE	TEXACO	WY0002267	
WY	VIII	STATE	ARNOLDUS LAKE	MARATHON - KINNEY COASTAL	WY0025631	
WY	VIII	STATE	ARNOLDUS LAKE	MARATHON - GARLAND	WY0001767	
WY	VIII	STATE	ARNOLDUS LAKE	MARATHON - GARLAND	WY0001759	
WY	VIII	STATE	SAGE CREEK	BRECK OPERATING	WY0003140	
WY	VIII	STATE	SAGE CREEK	BREHM	WY0001325	
WY	VIII	STATE	SAGE CREEK	BREHM	WY0001350	
WY	VIII	STATE	SAGE CREEK	UNION (RICHARDS LEASE)	WY0023922	
WY	VIII	STATE	SAGE CREEK	HOLDEN	WY0000485	
WY	VIII	STATE	POLECAT CREEK	BREHM	WY0001295	
WY	VIII	STATE	SHOSHONE RIVER	MARATHON - POWELSON	WY0032387	
WY	VIII	STATE	SHOSHONE RIVER	MARATHON - SUNDANCE BATT	WY0032484	

Summary of Primary Toxic-Impaired Waterways and Facilities
That Cause Impairment Under Section 304(1)

State	EPA Region	State or Federal Listing	Waterway Name	Facility Name	Pollutant Discharge Permit Number	Primary Toxic Pollutants Causing Impairment to the Waterway
WY	VIII	STATE	SHOSHONE RIVER	MARATHON - BRYON FIELD	WY0001732	
WY	VIII	STATE	SHOSHONE RIVER	MARATHON - HARRIS BATTERY	WY0031283	
WY	VIII	STATE	MEADOW CREEK	CONTINENTAL OIL-SUSSEX B-2, C	WY0000990	
WY	VIII	STATE	MEADOW CREEK	CONTINENTAL OIL-SUSSEX A	WY0001040	
WY	VIII	STATE	L POWDER RIVER	FANCER OIL - SODA WELL	WY0025615	
WY	VIII	STATE	L POWDER RIVER	FANCER OIL - HAUBER	WY0034240	
WY	VIII	STATE	L POWDER RIVER	ANDREA OPERATING CO.	WY0033260	
WY	VIII	STATE	BEAVER CREEK	PETROCARBON	WY0025178	
WY	VIII	STATE	BEAVER CREEK	PETROCARBON	WY0026794	
WY	VIII	STATE	BEAVER CREEK	GRAHAM RES	WY0003298	
WY	VIII	STATE	BEAVER CREEK	GRAHAM RES.	WY0003310	
WY	VIII	STATE	BEAVER CREEK	PETROCARBON	WY0003379	
WY	VIII	STATE	BEAVER CREEK	PETROCARBON	WY0025160	
WY	VIII	STATE	BEAVER CREEK	PETROCARBON	WY0025208	
WY	VIII	STATE	BEAVER CREEK	TOWNSEND	WY0033014	
WY	VIII	STATE	TURNER CREEK	TOWNSEND	WY0032441	
WY	VIII	STATE	TURNER CREEK	TOWNSEND	WY0032620	
WY	VIII	STATE	ARCH CREEK	BETA	WY0034096	
WY	VIII	STATE	WIND CREEK	LOW	WY0033197	
WY	VIII	STATE	WIND CREEK	WYO-DAK	WY0033243	
WY	VIII	STATE	MEDICINE BOW RIVER	MARATHON	WY0000787	
WY	VIII	STATE	BEAR CREEK	ALTEX	WY0000230	
WY	VIII	STATE	CROOKS CREEK	KIMBARK	WY0022641	
WY	VIII	STATE	CROOKS CREEK	WOLD	WY0002224	
WY	VIII	STATE	CROOKS CR/N PLATTE RIVER	CONOCO	WY0033103	
WY	VIII	STATE	CROOKS CR/N PLATTE RIVER	CONOCO	WY0033090	
WY	VIII	STATE	CROOKS CR/N PLATTE RIVER	HONDO	WY0000728	
WY	VIII	STATE	CROOKS CR/N PLATTE RIVER	HONDO	WY0000710	
WY	VIII	STATE	DEER CREEK	CONOCO	WY0000914	
WY	VIII	STATE	DEER CREEK	TIMBERLINE	WY0026191	
WY	VIII	STATE	HAGGERTY CREEK	ANDOVER RES./FERRIS HAGGERTY	WY0023523	METALS

304 9 1989

SUMMARY OF 304(1) REGULATIONS

EPA is about to publish a final rulemaking which interprets the statutory requirements of section 304(1) of the Clean Water Act (CWA) and clarifies existing regulations concerning EPA's surface water toxics control program.

The Water Quality Act of 1987 added section 304(1) to the CWA to emphasize and expedite the control of toxic pollutants discharged into the nation's surface waters. The new section requires States to submit three lists of waters to EPA for review and approval. The first list is a comprehensive list of waters impaired by any pollutant needing some type of additional control action. The second list includes waters that will not achieve numeric water quality criteria (the criteria which apply to a State's surface waters) for a toxic pollutant defined under section 307(a) of the CWA, due to either point or nonpoint sources of pollution. The third list consists of those waters which, after the application of controls based upon the best available technology, are not expected to achieve applicable water quality standards, due "entirely or substantially" to point source discharges of a section 307(a) toxic pollutant.

For each water identified on the third list, States must also identify the specific point sources discharging the toxic pollutant and the amount discharged. Finally, States are required to prepare "individual control strategies" (ICSSs) for each such point source. The ICS must reduce the discharge of toxic pollutants from the point source to achieve applicable water quality standards. EPA has interpreted the ICS as consisting of a National Pollutant Discharge Elimination System (NPDES) permit, together with supporting documentation that shows that the impacts of any other dischargers to the stream segment have been adequately considered.

The lists of waters, point sources, and ICSSs were due to EPA's Regional offices by February 4, 1989. EPA Regions will approve or disapprove the lists and ICSSs by June 4, 1989. If EPA disapproves a list or ICS, EPA must develop, "in cooperation with such State and after notice and opportunity for public comment", adequate lists and/or ICSSs by June 4, 1990. NPDES permit holders subject to the requirements of an ICS must meet all applicable State water quality standards no later than June 4, 1992; or, for ICSSs issued by EPA (where EPA has disapproved a State ICS), permittees must meet all applicable water quality standards by June 4, 1993. Pursuant to section 304(1) and EPA's guidance on implementation of its requirements (issued in March 1989), the majority of states have already submitted the lists of waters, lists of sources and amounts of pollutants and ICSSs.

The regulations define key terms of section 304(1) and establish the criteria EPA will use to review State lists and ICSSs. EPA Regional offices will use these criteria to evaluate

the adequacy of a State's submittal under section 304(1). In addition, the regulations establish the legal basis for EPA to make approval/disapproval decisions on the lists and ICSSs submitted to EPA by the States and establish the procedures for EPA to follow when making approval/disapproval decisions.

The regulations also clarify existing regulations relating to EPA's surface water toxics control program. Although the CWA and existing regulations provide the authority for NPDES permits to require permit limitations more stringent than those based solely on technology, the existing regulations do not describe the procedures for developing such "water quality-based" permits. The final regulations fill that gap and establish minimum consistent procedures for determining which permits must have water quality-based limits.

EPA received 71 comments during the regulation development process, including comments from 41 State and local governments, 16 corporations, and 14 interest groups. Although many of the comments were favorable, EPA expects legal challenges to its interpretation of key provisions of the rule, including its definitions of key terms used in section 304(1) of the CWA. The American Paper Institute, the Chemical Manufacturers Association, and the Natural Resources Defense Council (among others) have voiced concern over EPA's interpretation of certain provisions of the statute in the proposed regulations. Some groups have indicated that the scope of the rule is too narrow, while other groups feel that it is too broad. The Natural Resources Defense Council has already sued EPA over the scope of 304(1) as promulgated in a January 1989 rule which codified the statutory requirements, claiming that ICSSs are needed for stream segments polluted by toxic and other pollutants due to any source, including both point and nonpoint sources of pollution.

EPA also expects legal challenges to individual decisions made by States and Regional offices with respect to lists of waters and ICSSs. In particular, EPA expects that the Association of Metropolitan Sewerage Agencies and individual cities will object to ICSS requirements for certain publicly owned treatment works.