

Appendix A GIS Data Dictionary

BASINS is distributed on CDs with approximately 0.8 to 2 gigabytes of geographic and environmental data per EPA region. Table A.1 shows, in alphabetical order, all the BASINS data products with the corresponding theme and related file names that are used to reference the data within the BASINS GIS environment. This table is followed by a list of all field attributes within each data product and their data definitions.

More detailed documentation following the Federal Geographic Data Committee (FGDC) metadata standard is available from EPA's Geospatial Data Clearing house @<http://nsdi.epa.gov/nsdi> and www.epa.gov/ost/basins/metadata.htm



Table A.1 BASINS Version 2.0 Data Products

BASINS Data Product	Theme Name	File Name
Bacteria Monitoring Stations & Data Summaries	Bacteria Stations	bc_stat.dbf bc_stat.shp bc_stat.shx
Related Table Names:	Bacteria Data 70-74 Bacteria Data 75-79 Bacteria Data 80-84 Bacteria Data 85-89 Bacteria Data 90-94 Bacteria Data 95-97 Bacteria Parameter Table	bc_d7074.dbf bc_d7579.dbf bc_d8084.dbf bc_d8589.dbf bc_d9094.dbf bc_d9597.dbf bc_parm.dbf
Classified Shellfish Areas	Classified Shellfish Areas	csa.dbf csa.shp csa.shx
Dam Locations	Dam Locations	dam.dbf dam.shp dam.shx
Digital Elevation Model	DEM (CU)	(cu).dbf (cu).shp (cu).shx
Drinking Water Supply (DWS) Sites	Drinking Water Supply Sites	dws.dbf dws.shp dws.shx
EPA Regions	EPA Region Boundaries	epa_reg.dbf epa_reg.shp epa_reg.shx
Gage Sites	USGS Gage Stations	gage.dbf gage.shp gage.shx
Hydrologic Unit Boundaries	Accounting Unit Boundaries	acc.dbf acc.shp acc.shx
	Cataloging Unit Boundaries	cat.dbf cat.shp cat.shx
	Cataloging Unit Codes	catpt.dbf catpt.shp catpt.shx
Industrial Facilities Discharge (IFD) Sites	Industrial Facilities Discharge Sites	ifd.dbf ifd.shp ifd.shx
Land Use and Land Cover	Land Use Index	lulcndx.dbf lulcndx.shp lulcndx.shx
	L_(USGS Quadrangle Name)	l_(quad).dbf l_(quad).shp l_(quad).shx

Table A.1 (continued)

BASINS Data Product	Theme Name	File Name
Listing of Fish and Wildlife Advisories		
Related Table Names:	Fish and Wildlife Advisory (1996)-Index Fish and Wildlife Advisory (1996)-Listing	lfwa96.dbf lfwa96add.dbf
Lookup Tables		
Related Table Names:	Water Quality Criteria Table State Agency Codes Standard Industrial Classification Codes	wqcritter.dbf storetag.dbf sic.dbf
Major Roads	Major Roads	fhards.dbf fhards.shp fhards.shx
Managed Area Database	Managed Area Database	mad.dbf mad.shp mad.shx
Minerals Available System/Mineral Industry Location (MAS/MILS)	Mineral Data	mines.dbf mines.shp mines.shx
National Water Quality Assessment Study Unit Boundaries	NAWQA Study Unit Boundaries	nawqa.dbf nawqa.shp nawqa.shx
National Sediment Inventory (NSI) Stations & Database	National Sediment Inventory Stations	nsi.dbf nsi.shp nsi.shx
Related Table Names:	NSI Biototoxicity Data NSI Tissue Residue Data NSI Reference Values NSI Sediment Chemistry Data NSI Watershed Summary Data	nsi_bio.dbf nsi_tis.dbf nsi_ref.dbf nsi_sed.dbf nsi_wsh.dbf
Permit Compliance System (PCS) Sites and Computed Loadings	Permit Compliance System	pcs.dbf pcs.shp pcs.shx
Related Table Names:	Permitted Discharges 1991 Permitted Discharges 1992 Permitted Discharges 1993 Permitted Discharges 1994 Permitted Discharges 1995 Permitted Discharges 1996 Permitted Discharges Parameter Table PCS Code Description	pcslid91.dbf pcslid92.dbf pcslid93.dbf pcslid94.dbf pcslid95.dbf pcslid96.dbf pcs_prm.dbf pcs_code.dbf
Populated Place Locations	Place Names - (state postal abbreviation)	(ST)ppl.dbf (ST)ppl.shp (ST)ppl.shx
Reach File, Version 1 (RF1)	Reach File, V1	rf1.dbf rf1.shp rf1.shx
Reach File, Version 3 (RF3) Alpha	Reach File, V3	(cu).dbf (cu).shp (cu).shx



Table A.1 (continued)

BASINS Data Product	Theme Name	File Name
Resource Conservation and Recovery Information System (RCRIS) Sites	Hazardous and Solid Waste Sites	rcris.dbf rcris.shp rcris.shx
State and County Boundaries	State Boundaries	st.dbf st.shp st.shx
	County Boundaries	cnty.dbf cnty.shp cnty.shx
	County Names	cntypt.dbf cntypt.shp cntypt.shx
Superfund National Priority List Sites	National Priority List Sites	cerclis.dbf cerclis.shp cerclis.shx
State Soil and Geographic (STATSGO) Database	State Soil	statsgo.dbf statsgo.shp statsgo.shx
Related Table Names:	Soil Component Data Soil Layer Data	statsgoc.dbf statsgol.dbf
Toxic Release Inventory (TRI) Sites, 1992 Release	Toxic Release Inventory	tri.dbf tri.shp tri.shx
Related Table Names:	TRI Air Emission Data 1987 TRI Air Emission Data 1988 TRI Air Emission Data 1989 TRI Air Emission Data 1990 TRI Air Emission Data 1991 TRI Air Emission Data 1992 TRI Air Emission Data 1993 TRI Air Emission Data 1994 TRI Air Emission Data 1995 TRI Land Release Data 1987 TRI Land Release Data 1988 TRI Land Release Data 1989 TRI Land Release Data 1990 TRI Land Release Data 1991 TRI Land Release Data 1992 TRI Land Release Data 1993 TRI Land Release Data 1994 TRI Land Release Data 1995 TRI POTW Data 1991 TRI POTW Data 1992 TRI POTW Data 1993 TRI POTW Data 1994 TRI POTW Data 1995 TRI Underground Injection Data 1987 TRI Underground Injection Data 1988 TRI Underground Injection Data 1989	tri_ai87.dbf tri_ai88.dbf tri_ai89.dbf tri_ai90.dbf tri_ai91.dbf tri_ai92.dbf tri_ai93.dbf tri_ai94.dbf tri_ai95.dbf tri_lr87.dbf tri_lr88.dbf tri_lr89.dbf tri_lr90.dbf tri_lr91.dbf tri_lr92.dbf tri_lr93.dbf tri_lr94.dbf tri_lr95.dbf tri_pw91.dbf tri_pw92.dbf tri_pw93.dbf tri_pw94.dbf tri_pw95.dbf tri_ui87.dbf tri_ui88.dbf tri_ui89.dbf

Table A.1 (continued)

BASINS Data Product	Theme Name	File Name
Related Table Names (cont):	TRI Underground Injection Data 1990	tri_ui90.dbf
	TRI Underground Injection Data 1991	tri_ui91.dbf
	TRI Underground Injection Data 1992	tri_ui92.dbf
	TRI Underground Injection Data 1993	tri_ui93.dbf
	TRI Underground Injection Data 1994	tri_ui94.dbf
	TRI Underground Injection Data 1995	tri_ui95.dbf
	TRI Water Discharge Data 1987	tri_wd87.dbf
	TRI Water Discharge Data 1988	tri_wd88.dbf
	TRI Water Discharge Data 1989	tri_wd89.dbf
	TRI Water Discharge Data 1990	tri_wd90.dbf
	TRI Water Discharge Data 1991	tri_wd91.dbf
	TRI Water Discharge Data 1992	tri_wd92.dbf
	TRI Water Discharge Data 1993	tri_wd93.dbf
	TRI Water Discharge Data 1994	tri_wd94.dbf
	TRI Water Discharge Data 1995	tri_wd95.dbf
	TRI Parameter Table	tri_parm.dbf
Urbanized Areas	Urban Area Boundaries	urban.dbf urban.shp urban.shx
	Urban Area Names	urban_nm.dbf urban_nm.shp urban_nm.shx
Water Quality Monitoring Stations & Data Summaries	Water Quality Stations	wq_stat.dbf wq_stat.shp wq_stat.shx
Related Table Names:	Water Quality Data 70-74	wq_d7074.dbf
	Water Quality Data 75-79	wq_d7579.dbf
	Water Quality Data 80-84	wq_d8084.dbf
	Water Quality Data 85-89	wq_d8589.dbf
	Water Quality Data 90-94	wq_d9094.dbf
	Water Quality Data 95-97	wq_d9597.dbf
Water Quality Parameter Table	wq_parm.dbf	
Water Quality Stations and Observation Data	Water Quality Observation Stations	wqobs.dbf wqobs.shp wqobs.shx
Related Table Names:	Water Quality Observation Data Table	(cu).dbf
	Water Quality Observation Parameter Table	wqobs_prm.dbf
Weather Data Stations & Database (sample set)	Weather Data Stations	wdm.dbf wdm.shp wdm.shx
Weather Station Sites	Weather Station Area	met_stat.dbf met_stat.shp met_stat.shx
	Weather Station Sites	metpt.dbf metpt.shp metpt.shx
1996 Clean Water Needs Survey	1996 Clean Water Needs Survey	1996cwns.dbf 1996cwns.shp 1996cwns.shx



Data Product: Bacteria Monitoring Stations & Data Summaries

Theme Name: *Bacteria Stations*

Field Name	Description
SHAPE	ArcView internal field
ID	BASINS assigned unique identifier based on station and agency codes
STATION	station code
AGENCY	agency code
LOCATION	description of location
CU	cataloging unit code
SEG	Reach File, V1 segment number
MILEP	Reach File, V1 mile point
ONOFF	on/off reach indicator
COUNTY	county name
STFIPS	state FIPS code
STATE	state postal abbreviation
LONG	longitude
LAT	latitude
TYPE	station type
STCOFIPS	state and county FIPS code
BACID	BASINS assigned number
BCU	BASINS assigned cataloging unit

Data Product: Bacteria Monitoring Stations & Data Summaries

Related Table Name: *Bacteria Data 70-74,75-79,80-84,85-89, 90-94,95-97*

Field Name	Description
ID	BASINS assigned unique identifier based on station and agency codes
STATION	station code
AGENCY	agency code
BACID	BASINS assigned number
PARAMETER	EPA STORET parameter code
NO OBS	number of observations
MEAN	mean value
A15TH_P	15th percentile value
A25TH_P	25th percentile value
A50TH_P	50th percentile value
A75TH_P	75th percentile value
A85TH_P	85th percentile value
STD	standard deviation
BCU	BASINS assigned cataloging unit

Data Product: Bacteria Monitoring Stations & Data Summaries

Related Table Name: *Bacteria Parameter Table*

Field Name	Description
PARM_CODE	EPA STORET parameter code
PARM_NAME	parameter name
UNITS	units

SAMPLE_TYP	sample type
UP_REF_LVL	upper reference level
LW_REF_LVL	lower reference level
UNKNOWN	type of standard
REF_LVL SRC	reference level source

Data Product: Classified Shellfish Areas

Theme Name: Classified Shellfish Areas

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
ELEMENT	geographic element
STATE	two-letter state abbreviation
CHART_ID	NOAA nautical chart number
POLYNAME	shellfish growing water name
CLASS	classification of growing water
UNIQUE_	unique nine digit identification code
WATERQTY	harvest limited classification from water quality
ADMIN	harvest limited classification-admin. decision
NOSURVEY	harvest limited classification-incomplete survey
CONSERV	harvest limited classification-conserv. measures
RESTRICT	list of harvest limited classification reasons
POINT_P	potential point source pollution
POINT_A	actual point source pollution
NPOINT_P	potential nonpoint source pollution
NPOINT_A	actual nonpoint source pollution
UPSTRM_P	potential upstream pollution
UPSTRM_A	actual upstream pollution
POLLTYPE	lists point, nonpoint, & upstream pollution sources
INDUSTRY	point source pollution from industrial sources
WWT	point source pollution-wastewater treatment plants
COMBINED	point source pollution-combined sewer overflows
OTHER_DD	point source pollution from direct discharges
MARINAS	point source pollution from marinas
BOATING	point source pollution from boating
INDI_WWT	nonpoint source pollution-wastewater treat. system
URBAN	nonpoint source pollution from urban runoff
FEEDLOTS	nonpoint source pollution from livestock feeding
OTHER_AG	nonpoint source pollution from agricultural land
WILDLIFE	nonpoint source pollution-high wildlife concentr.
UPSTREAM	stream-borne contaminants
SURVEY	source data Sanitary Survey number
UPGRADE	potential for upgrading classification
RESTORE	current restoration activities
COMMENTS	additional information
RAZORCLM	abundance of razor clams
SURFCLAM	abundance of surf clams
SEASCALL	abundance of sea scallops



NATIVELC	abundance of native littleneck clams
ASIANCLM	abundance of asian clams
OLYMOYST	abundance of olympic oysters
FOOLMUS	abundance of foolish mussels
MUSSELS	abundance of mussels
EASTOYST	abundance of eastern oysters
BAYSCALL	abundance of bay scallops
BSKTCOCK	abundance of basket cockle clams
RIBBMUSS	abundance of ribbed mussels
RANGEICLM	abundance of rangia clams
MANILCLM	abundance of manila clams
OCEANQUA	abundance of ocean quahog
MYTILIDA	abundance of other mussel species
KUMAOYST	abundance of kumamoto oysters
HORSECLM	abundance of horseneck clams
BLUEMUSS	abundance of blue mussels
GEODUCK	abundance of geoduck clams
SOFTCLAM	abundance of softshell clams
BUTTRCLM	abundance of butter clams
PACIFOYS	abundance of pacific oysters
CALIFMUS	abundance of california mussels
HARDCLAM	abundance of hard clams
AREA_SQ_M	shellfish-growing water area in square meters
PERIMTR_M	shellfish-growing water perimeter in meters
AREA_ACRES	shellfish-growing water area in acres
CAF_CODE	NOAA Coastal Assessment Framework Estuary code
CAF_NAME	NOAA Coastal Assessment Framework Estuary name
CAF_NAMEA	unknown
CLASSA	NOAA EDA or CDA classification code
REGION	NOAA Coastal Assessment Framework Region code
LAND	mainland or island classification code
ST_FIPS	two-digit state FIPS code
ST_NAME	state name
ST_ABBR	two-letter state abbreviation
CAF_LEGEND	NOAA EDA or CDA name for ArcView legend use

Data Product: Dam Locations

Theme Name: Dam Locations

Field Name	Description
SHAPE	ArcView internal field
NID_ID	National Inventory of Dams identification number
STATE	two-letter state abbreviation
DAM_NAME	official dam name
OTHER_NAME	other common name or reservoir name
HAZARDS	potential hazard to downstream area
EAP	emergency action plan for dam
STATE_NAME	name of state in which dam is located
CONG_DIST	congressional district in which dam is located
COUNTY	county in which dam is located

NEAR_CITY	name of nearest downstream city
DIST_CITY	distance from dam to nearest downstream city
RIVER	official name of river on which dam is built
PRM_PURPOS	primary purpose for which reservoir is used
NID_DAMTP	type of dam
YEAR_COMPL	year original main dam structure was completed
NID_HEIGHT	calculated single height value in feet
NID_STOR	calculated maximum value from normal storage and maximum storage value used to obtain single storage value in acre-ft
DAM_LENGTH	dam length
MAX_DISCH	maximum discharge in cubic feet per second
OWNER	owner of dam
OWN_TYPE	owner type
STATE_AGCY	state agency with regulatory or approval authority
FED_AGCY	federal agency involvement in the dam
NONFED_DAM	federal or nonfederal dam location
SECT_TOWN	dam location in terms of section, township, and range
PURPOSE	purpose for which reservoir is used
DAM_TYPE	type of dam
DAM_HEIGHT	dam height in feet
HYDR_HGT	hydraulic height in feet
STRUCT_HGT	structural height in feet
NORM_STOR	normal storage in acre-feet
MAX_STOR	maximum storage in acre-feet
SURF_AREA	surface area of impoundment-normal retention level in acres
DRAIN_AREA	drainage area of dam in square miles
SPILL_TYPE	type of spillway
SPILL_WDTH	width of spillway in feet
NUM_LOCKS	number of existing navigation locks
LOCK_LEN	length of primary navigation lock in feet
LOCK_WIDTH	width of primary navigation lock in feet
VOLUME	cubic yards of materials used in dam structure
INSP_DATE	date of most recent inspection
PHASEI_INS	Phase I Inspection Program
FD_CONSTRC	federal agency involved in construction of dam
FD_DESIGN	federal agency involved in design of dam
FD_FUNDING	federal agency involved in funding of dam
FD_INSPECT	federal agency involved in inspection of dam
FD_OPERATE	federal agency involved in operation of dam
FD_OTHER	federal agency involved in other aspects of dam
FD_OWNER	federal agency that owns/partly owns dam
FD_REGULAT	federal agency involved in regulation of dam
SUPP_FED	federal agency providing field data
SUPP_DATE	date of transmittal
SOURCE_AGCY	federal or state agency that provided field data
SOURCE_DATE	date of transmittal
SOURCE_ID	official agency identification number for dam
LONGITUDE_X	dam longitude in decimal degrees
LATITUDE_Y	dam latitude in decimal degrees



FIPS_STATE	FIPS code used by US Census Bureau for state
FIPS_CNTY	FIPS code used by US Census Bureau for county
BCU	BASINS assigned cataloging unit

Data Product: Digital Elevation Model

Theme Name: DEM (CU)

Field Name	Description
SHAPE	ArcView internal field
ELEV_M	land surface elevation in meters
ELEV_FT	land surface elevation in feet

Data Product: Drinking Water Supply (DWS) Sites

Theme Name: Drinking Water Supply Sites

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
TMP_B_	ArcInfo internal field
TMP_B_ID	ArcInfo internal field
DWS_	ArcInfo internal field
DWS_ID	ArcInfo internal field
STCO	state and county FIPS code
LATDD	site latitude in decimal degrees
LONGDD	site longitude in decimal degrees
CTY	name of the city where the facility is located
CNN	name of the county where the facility is located
STA	abbreviation for state where facility is located
FQMINV	reach number where the facility is located
MILES	mile point on reach where the facility is located
TYPE	facility type-"S"surface water or "G" ground water
OWN	facility owned by individual or municipality
NAME	facility name
WUN	facility owner name
PAVGF	average facility flow in GPD
POPSV	population served by the facility
ACCURACY	accuracy code for longitude/latitude of facility
BREACH	BASINS assigned Reach File, V1 reach number
BFIPS	BASINS assigned state and county FIPS code

Data Product: EPA Regions

Theme Name: EPA Regional Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
EPA_REG_	ArcInfo internal field
EPA_REG_ID	ArcInfo internal field
EPAREG	U.S. EPA region number
LABEL_REG	U.S. EPA region number (Roman numeral)

Data Product: Gage Sites
 Theme Name: USGS Gage Sites

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
GAGE_	ArctInfo internal field
GAGE_ID	ArctInfo internal field
AGCY	identifying agency and gage number
STCO	state and county FIPS code
LATDD	latitude of the gage in decimal degrees
LONGDD	longitude of the gage in decimal degrees
REACH	Reach File, V1 reach number gage location
NAME	name of reach
MNFLO	mean stream flow in cfs
SVTEN	seven/ten stream low flow in cfs
JAN	mean stream flow for month of January in cfs
FEB	mean stream flow for month of February in cfs
MAR	mean stream flow for month of March in cfs
APR	mean stream flow for month of April in cfs
MAY	mean stream flow for month of May in cfs
JUN	mean stream flow for month of June in cfs
JUL	mean stream flow for month of July in cfs
AUG	mean stream flow for month of August in cfs
SEP	mean stream flow for month of September in cfs
OCT	mean stream flow for month of October in cfs
NOV	mean stream flow for month of November in cfs
DEC	mean stream flow for month of December in cfs
ACCURACY	accuracy code for latitude and longitude of gage
BREACH	BASINS assigned Reach File, V1 reach number
BFIPS	BASINS assigned state and county FIPS code

Data Product: Hydrologic Unit Boundaries
 Theme Name: Accounting Unit Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
ACC_	ArctInfo internal field
ACC_ID	ArctInfo internal field
ACC	accounting unit number
NAME	name of accounting unit

Data Product: Hydrologic Unit Boundaries
 Theme Name: Cataloging Unit Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units



PERIMETER	perimeter of polygon in map units
TMP_B_	ArcInfo internal field
TMP_B_ID	ArcInfo internal field
CAT_	ArcInfo internal field
CAT_ID	ArcInfo internal field
PLYTYPE	polygon type
HUC	cataloging unit code (numeric)
WORKB	disregard data element
ACC_UNIT	accounting unit code
CU	cataloging unit code (character)
BEXT	BASINS internal field
CRS1	BASINS internal field

Data Product: Hydrologic Unit Boundaries

Theme Name: Cataloging Unit Codes

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
CAT_	ArcView internal field
CAT_ID	disregard data element
HUC	cataloging unit code (numeric)
ACC	accounting unit code
NAME	name of cataloging unit
CU	cataloging unit code (character)
BEXT	BASINS internal field
CRS1	BASINS internal field

Data Product: Industrial Facilities Discharge (IFD) Sites

Theme Name: Industrial Facilities Discharge Sites

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
TMP_B_	ArcInfo internal field
TMP_B_ID	ArcInfo internal field
IFD_	ArcInfo internal field
IFD_ID	ArcInfo internal field
NPDES	NPDES number
NAM	facility name
ADR	facility address
CTY	facility city
STA	facility state abbreviation
ZIP	facility ZIP code
LAT	facility latitude in decimal degrees
LONG	facility longitude in decimal degrees
STCOFIPS	state and county FIPS code
NDC	number of discharges from the facility
FRW	receiving water name

FCU	facility cataloging unit code
FSG	facility reach file segment number
FHF	facility hit flag indicating facility discharges to a reach
FFL	discharge flow in thousands of gallons per day
FS1	facility SIC from PCS
FS2	SIC code 2
FS3	SIC code 3
FS4	SIC code 4
FS5	SIC code 5
MAJOR	major/minor flag (from PCS)
MILES	facility reach file mile point
XEGS	effluent guidelines subcategory index
E308SN	effluent guidelines survey number
EGF	effluent guidelines flow thousands of gallons/day
EGS	effluent guidelines subcategory code
ACCURACY	accuracy code for facility latitude and longitude
FLOW	discharge flow in thousands of gallons per day
CU	cataloging unit code
BREACH	BASINS assigned Reach File, V1 reach number
BFIPS	BASINS assigned state and county FIPS code
CUSEG	Reach File, V1 reach number

Data Product: Land Use and Land Cover

Theme Name: Land Use Index

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
LULCNDX#	ArcView internal field
LULCNDX#_I	disregard data element
COVERNAME	coverage name
COVNAME	alternate coverage name
QNAME	quadrangle name
EPA_REG	U.S. EPA region number
CREATE_DAT	date coverage was created
VERIFY_DAT	date coverage was verified
COMMENT1	comments concerning the coverage

Data Product: Land Use and Land Cover

Theme Name: L_(USGS Quadrangle Map Name, e.g., L_BANGME)

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
L_(QUAD)_	ArcView assigned polygon ID
L_(QUAD)_I	disregard data element
LUCODE	Anderson level I land use code
LEVEL2	Anderson level II land use code



Data Product: Listing of Fish and Wildlife Advisories

Related Table Name: *Fish and Wildlife Advisory (1996)-Index*

Field Name	Description
WATERBODY	name of waterbody where advisory is applied
STATE	two-letter state code used by US Postal Service
REGION	EPA region code
ADV_EXTENT	geographic extent of advisory
ISSUER	agency type that issued the advisory
ADV_TYPE	waterbody type that the advisory is located on
ADVNUM	unique number assigned to advisory
ADVINDEX	advisory index
DATE_RESCI	date the advisory was rescinded
COUNT	count
ADV_STATUS	advisory status
ADV_SIZE	advisory size in miles for river advisories, acres for lake advisories.
YEAR	year the entry in the source was updated

Data Product: Listing of Fish and Wildlife Advisories

Related Table Name: *Fish and Wildlife Advisory (1996)-Listing*

Field Name	Description
ADVNUM	unique number assigned to advisory
POLLUTANT	name of pollutant associated with the advisory
SPECIES	name of fish or wildlife associated with the advisory
POPULATION	type of population affected in the advisory
STATUS	advisory status
DATE_RESCI	date the advisory was rescinded
YEAR	year the entry in the source was updated

Data Product: Lookup Tables

Related Table Name: *Water Quality Criteria Table*

Field Name	Description
PARM_CODE	EPA STORET parameter code
CAS_NUMBER	Chemical Abstract Service number
PARM_NAME	parameter name
SAMPLE_TYP	sample type
UNITS	units
FRES_ACUTE	threshold value (standard) for acute freshwater
FRES_CHRON	threshold value (standard) for chronic freshwater
MARI_ACUTE	threshold value (standard) for acute marine
MARI_CHRON	threshold value (standard) for chronic marine
HHPC_WATER	threshold value (standard) for human health (published criteria) in water
HHPC_ORGAN	threshold value (standard) for human health (published criteria) in organic tissue
HHRV_WATER	threshold value (standard) for human health (recalculated value) in water
HHRV_ORGAN	threshold value (standard) for human health (recalculated value) in organic tissue
DR_WTR_MCL	drinking water maximum contaminant level

UNKNOWN	unknown
REF_LVL_SRC	reference level source

Data Product: Lookup Tables

Related Table Name: STORET Agency Codes

Field Name	Description
AGENCY	agency code
PROGRAM	name of program
CONTACT	contact person
PHONE	telephone number

Data Product: Lookup Tables

Related Table Name: Standard Industrial Classification Codes

Field Name	Description
SIC_1987	1987 Standard Industrial Classification (SIC) code
SIC_NAME	SIC name
NAICS_1997	1997 North American Industry Classification System (NAICS) code
NAICS_NAME	NAICS name

Data Product: Major Roads

Theme Name: Major Roads

Field Name	Description
SHAPE	ArcView internal field
FNODE_	Arclnfo internal field
TNODE_	Arclnfo internal field
LPOLY_	Arclnfo internal field
RPOLY_	Arclnfo internal field
LENGTH	length of line segment in coverage units
FHARDS_	Arclnfo internal field
FHARDS_ID	Arclnfo internal field
RECTYPE	character which defines type of file from dataset
VERSION	file version number
RECID	unique line identification number
SOURCE	flag used to identify original source of coordinate information
STFIPS	two-digit state FIPS code
CTFIPS	three-digit county FIPS code
ORNL_ID	Oakridge National Laboratory assigned identifier
LGURB	large urbanized area
SMURB	adjusted small urban area
FNODE	record in node file that corresponds to starting position of link
TNODE	record in node file that corresponds to ending position of link
SIGN1	primary sign route
SIGN2	alternate sign route
SIGN3	alternate sign route
LNAME	name or identification for the link
MILES	accurate measurement in miles of link chain
KM	accurate measurement in kilometers of link chain
FACTYPE	permissible flow of traffic over the link
TOLL	links with one or more toll features



LANES	number of lanes in both directions
ACONTROL	degree of access control to link from adjoining roads
MEDIAN	type of median
SURFACE	predominant surface
FCLASS	assigned functional class of each link
ACCLASS	administrative class associated with the link
RUCODE	rural/urban classification
STATUS	availability of link to through traffic
NHS	subnetwork for proposed National Highway System
STRAHNET	special subnetwork for Strategic Highway Corridor Network
TRANSAM	special subnetwork for the Trans-America Corridor

Data Product: Managed Area Database

Theme Name: Managed Area Database

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
MAD_POLY_ID	ArctInfo internal field
MAD_POLY_ID	ArctInfo internal field
SITE_CODE	unique number for each area for database relations
SITE_CODE2	unique number for each area for database relations
SITE_CODE3	unique number for each area for database relations
AREANAME	proper name of each managed area represented
AREANAME2	alternate name of each managed area represented
AREANAME3	alternate name of each managed area represented
CMCCODE	unused WCMC variable
LAT	latitudinal location
LONG	longitudinal location
ISLATLON	unused WCMC variable
DESIGNATE	designation type for each managed area
DESIGNATE2	designation type for each managed area
DESIGNATE3	designation type for each managed area
LUCNCAT	code used by WCMC representing level of protection status for each designation type
LUCNCAT2	code used by WCMC representing level of protection status for each designation type
LUCNCAT3	code used by WCMC representing level of protection status for each designation type
GAPCAT	level of management based on GAP program
GAPCAT2	level of management based on GAP program
GAPCAT3	level of management based on GAP program
SIZE	area size as published by WCMC
YEAR	year of area establishment as published by WCMC
REALM	unused WCMC variable
PROVINCE	unused WCMC variable
BIOME	unused WCMC variable
STATE	state in which area is located
SOURCE	map source where the polygon borders were taken
AVSORT	condensed list of management designations

Data Product: Minerals Available System/Mineral Industry Location (MAS/MILS)

Theme Name: Mineral Data

Field Name	Description
SHAPE	ArcView internal field
LAT	latitude in decimal degrees
LON	longitude in decimal degrees
SEQ_NUM	unique identifier referencing info pertaining to a mineral property
STATE	state in which mine is located
COUNTY	county in which mine is located
NAME	name of mineral deposit or mining operation
TYPE	type of existing/proposed/past type of operation
CURR_STAT	operating status of site at time of last modification
ELEVATION	elevation of mine in meters
DATUM	datum of elevation provides for elevations to be expressed above or below either sea level or a local datum.
ZONE	UTM zone number
RIVER	name of river basin
HUC	hydrologic unit code
YEAR_LAST	year of last production
COMPANY	principle owner/company name identified with operation
MINE_MET	most predominant mining method at site
MILL_MET	most predominant milling method at site
COM1	name of one of the commodities found at site
MOC1	modifier of the commodity
COM2	name of one of the commodities found at site
MOC2	modifier of the commodity
COM3	name of one of the commodities found at site
MOC3	modifier of the commodity
COM4	name of one of the commodities found at site
MOC4	modifier of the commodity
COM5	name of one of the commodities found at site
MOC5	modifier of the commodity
SIC	Standard Industrial Classification Code
BCU	BASINS assigned cataloging unit code

Data Product: National Water Quality Assessment Study Unit Boundaries

Theme Name: NAWQA Study Unit Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
NAWQA_DD_	ArcInfo internal field
NAWQA_DD_ID	Arcinfo internal field
NAWQA	NAWQA study unit number
NAME	river basin name
GROUP	group number
PILOT	pilot code
ABBV	river basin name abbreviation
CANADA	code to designate study units that crosses Canadian boundary



MI2	area in square miles
RANK	rank
REGION	region designation (northeastern, southeastern, central, western US)

Data Product: NSI Stations & Database

Theme Name: National Sediment Inventory Stations

Field Name	Description
SHAPE	ArcView internal field
NSI_STAT	unique station identification assigned during data processing
SOURCE	identification of data origin
FIPS	FIPS code
STATE	state
EPA_REG	EPA region
LONG	longitude (decimal degrees)
LAT	latitude (decimal degrees)
TIER	NSI station classification
AL_SED	NSI aquatic life classification using sediment chemistry data
AL_TOX	NSI aquatic life classification using biotoxicity data
HH_TIS	NSI Human Health Classification using tissue residue data
HH_SED	NSI Human Health Classification using sediment chemistry data
RF1_NAME	USEPA Reach File, version 1 reach name
RF1_ID	USEPA Reach File, version 1 reach number
AGENCY	identification of group responsible for collecting data
STATION	monitoring station identification code
COUNTY	county
LOCATION	location
REFER	reference, literature citation
WATERBOD	waterbody
DEPTH	water depth (m)
SR_SCI	senior scientist
ORIGIN	origin
GEOCODE	geologic code
DEPT_MAX	maximum water depth (m)
DEPT_MIN	minimum water depth (m)
DREDGESI	dredged site
MON_PROG	name of monitoring program or group
CU	cataloging unit code
BCU	BASINS assigned cataloging unit

Data Product: NSI Stations & Database

Related Table Name: NSI Biotoxicity Data

Field Name	Description
NSI_STAT	unique station identification assigned during NSI processing
SPECIES	organism species
DATE	date of sample collection
TEST	percent mortality in test
PHASE	phase code to indicate the phase (i.e., medium) in which the bioassay organisms are housed
CONTROL	percent mortality in control

SIG	significance of result
BCU	BASINS assigned cataloging unit

Data Product: NSI Stations & Database

Related Table Name: NSI Sediment Chemistry Data

Field Name	Description
NSI_STAT	Unique station identification assigned during NSI processing
DATE	date of sample collection
CAS	CAS number for analyte
P	result associated with PARM ($\mu\text{g}/\text{kg}$, ppb)
R	remark code associated with PARM and P
FOC	fraction organic carbon
CHEMICAL	chemical name
SQC	draft sediment quality criteria flag
SEM	simultaneously extracted metals flag
AETH	apparent effects threshold-high flag
AETL	apparent effects threshold-low flag
ERM	effects range-median flag
ERL	effects range-low flag
SQAL	sediment quality advisory level flag
PEL	probable effects levels flag
RSK	EPA Cancer/Non-cancer risk flag
FDA	FDA Tolerance/Action/Guidance flag
TEL	threshold effects levels flag
BCU	BASINS assigned cataloging unit

Data Product: NSI Stations & Database

Related Table Name: NSI Tissue Residue Data

Field Name	Description
DATE	date of sample collection
CAS	chemical abstract system number for analyte
P	result associated with PARM
R	remark code associated with PARM and P
CHEMICAL	chemical name
HH	tissue level of dioxin or PCBs in resident species exceed EPA risk levels
RSK	tissue level in resident species exceed EPA risk levels
FDA	tissue level in resident species exceed FDA action levels
COM_NAME	common species name
ANATOMY	anatomy analyzed
BCU	BASINS assigned cataloging unit

Data Product: NSI Stations & Database

Related Table Name: NSI Watershed

Field Name	Description
CU	hydrologic unit code (8-digit)
NAME	hydrologic unit code name
CLASS	NSI watershed classification



TIER1	number of tier stations in watershed based on NSI station classification
TIER2	number of tier 2 stations in watershed
TIER3	number of tier 3 stations in watershed
NUM_STA	number of stations evaluated in watershed
TIER1_2	number of stations classified as tier 1 or tier 2
PERC1_2	percent of stations classified as tier 1 or tier 2
AL_TIER1	number of stations that would be classified as tier 1 using NSI aquatic life classification criteria
AL_TIER2	number of stations that would be classified as tier 2 using NSI aquatic life classification criteria
HH_TIER1	number of stations that would be classified as tier 1 using NSI human health classification criteria
HH_TIER2	number of stations that would be classified as tier 2 using NSI human health classification criteria
BCU	BASINS assigned cataloging unit

Data Product: NSI Stations & Database
 Related Table Name: NSI Reference Table

Field Name	Description
CHEMICAL	chemical name
CAS	chemical abstract system number
SQC	draft sediment quality criteria used for NSI evaluation
ERL	effects range-low used for NSI evaluation
ERM	effects range-median used for NSI evaluation
AETL	apparent effects threshold-low used for NSI evaluation
AETH	apparent effects threshold-high used for NSI evaluation
SQAL	sediment quality advisory level used for NSI evaluation
TEL	threshold effects level used for NSI evaluation
PEL	probable effects level used for NSI evaluation
RSK	cancer/noncancer risk level used for NIS evaluation
CANRSK	EPA cancer risk level used for NSI evaluation
NONCAN	EPA noncancer risk level used for NSI evaluation
FDA	FDA tolerance/action/guidance level
WLD	wildlife criteria
BSAF	biota-sediment accumulation factor
SF	cancer slope factor
RFD	noncancer reference dose

Data Product: PCS Sites and Computed Loadings
 Theme Name: Permit Compliance System

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
US_NW_	ArcView internal field
US_NW_ID	ArcView internal field
LDIP_CODE	source of record
ID	unique ID from respective program system

MAD_ID	assigned sequential reference number
LOCAL_REF_ID	assigned sequential reference number
FAC_ID	EPA Facility Index System (FINDS) identifier
FACILITY_N	name of the facility or site
LATITUDE	latitude of facility, site, or operable unit
LONGITUDE	longitude of facility, site, or operable unit
BND_FLAG	boundary flag
NPL_STAT_I	npl_stat_ind
Y_COORD	facility latitude based on NAD 83
X_COORD	facility longitude based on NAD 83
ALBERS_SRC	source for Albers coordinate
BVFLAG	accurate location for an EPA facility as defined by FINDS
MADI	major discharge identifier
REGION	EPA region code
CITY	city code
CITY_NAME	city name
CNTY	county code
CNTY_NAME	county name
SIC	standard industrial classification code
LOCATION_N	name of entity located at facility's physical address
ADDRESS	street address of facility
LOCATION_C	name of city or town where facility is located
LOCATION_S	state or territory code where facility is located
ZIP	ZIP code of address where facility is located
TELE	telephone number of facility
INACTIVE_C	code indicating if facility is currently active
PERMIT_EXP	date current permit will expire
PERMIT_ISS	date current permit was issued/signed
DRAFT_PERM	date on which public notification was given
APPL_RECEI	date on which application for a NPDES permit received
INACTIVE_D	date on which facility became inactive or active
TYPE_OF_OW	code describing ownership classification
TYPE_OF_PE	code indicating whether EPA or state issued permit
RIVER_BASI	six-digit river basin identifier
RECEIVING	name of water body into which effluent discharged
CURR_YEAR_	status of reportable noncompliance as it appeared on quarterly noncompliance report for current year for major facilities
FEDERAL_GR	publicly owned waste treatment works with a SIC code of 4952 which obtained federal grant money to construct
FINAL_LIMI	final effluent limits when all necessary construction is completed
FLOW_RATE	average flow facility designed to accommodate in million gallons/day
PRETREATME	code indicating whether municipality is required to develop pretreatment program
NMP_FINAN_	financial fitness of Publicly Owned Treatment Works
NPM_FINAN_	indicates whether a final and enforceable Municipal Compliance Plan (MCP) schedule has been established
NPM_QUARTE	fiscal quarter which final MCP was established
LAT	latitude
LON	longitude
CODE_OF_AC	technical accuracy of latitude and longitude data



METHOD	latitude/longitude method code
DATUM	datum used to determine lat and lon coordinates
SCALE	scale used to determine lat and lon coordinates
DESCRIPT	text description of a code
USGS_HYDRO	code assigned by USGS to identify drainage water basins for facilities by their geographic location
STREAM_SEG	code for facilities indentifying stretches of water from one significant event to another
MILEAGE_IN	length of a particular facility stream segment in miles downstream from beginning of segment
RECVNG_STR	related facility stream segment type
PRS1	BASINS internal field
PRS2	BASINS internal field
BFIPS	BASINS county FIPS code
BREACH	BASINS internal field
CU_IFD	cataloging unit obtained from the IFD database
CUSEG	cataloging unit reach file segment
MI	Reach File, V1 segment mile point
HITFLAG	unknown
BCU	BASINS assigned cataloging unit
NPDES	NPDES permit number
CU	cataloging unit

Data Product: PCS Sites and Computed Loadings

Related Table Name: Permitted Discharges 1991, 1992, 1993, 1994, 1995, 1996

Field Name	Description
NPDES	NPDES permit number
PARAMETER	STORET parameter code
LBYO	estimated loading calculated with remarked data set to zero (lb/yr)
LBYE	estimated loading calculated with remarked data set to half-detection limit (lb/yr)
LBY1	estimated loading calculated with remarked data set to detection limit (lb/yr)
LBYOVER	portion of estimated loading over permit in lb/yr
BCU	BASINS assigned cataloging unit

Data Product: PCS Sites and Computed Loadings

Related Table Name: Permitted Discharges Parameter Table

Field Name	Description
PARAMETER	STORET parameter code
PRAM_NAME	parameter name
CHEMICAL_N	chemical name
CAS_NUMBER	chemical abstract registry number

Data Product: PCS Sites and Computed Loadings

Related Table Name: Permitted Discharges Code

Field Name	Description
TABLE_ID	three-digit code indicating the type of code described
CODE	ten-digit code
DESCRIPTIO	description

Data Product: Populated Place Locations

Theme Name: Place Names - (State Postal Abbreviation)

Field Name	Description
SHAPE	ArcView internal field
AREA	BASINS internal field
PERIMETER	BASINS internal field
(ST)PPL_	BASINS internal field
(ST)PPL_ID	BASINS internal field
NAME	place name which can be used to label the place on a map display
DESIG	designation that this is a populated place
COUNTY	county name
FIPS1	state and county FIPS code
LAT_IN	place latitude in DDMMS
LONG_IN	place longitude in DDDMMSS
ELEV	elevation of the place in meters (character)
QCODE	code for the accuracy of the latitude and longitude of place
ELEVNUM	elevation of the place in meters (integers)

Data Product: Reach File, Version 1 (RF1)

Theme Name: Reach File, V1

Field Name	Description
SHAPE	ArcView internal field
HUC	cataloging unit code
FNODE_	Arclnfo internal field
TNODE_	Arclnfo internal field
LPOLY_	Arclnfo internal field
RPOLY_	Arclnfo internal field
LENGTH	Arclnfo internal field
RF1_	Arclnfo internal field
RF1_ID	Arclnfo internal field
SEG	reach segment number
MILEPT	indicates the beginning of the reach
SEQNO	reach sequence number
RFLAG	reach flag "1" is a stream reach
OWFLAG	open water flag "1" is a open water reach
TFLAG	terminal reach flag "1" is a terminal reach
SFLAG	start reach flag "1" is a start reach
TYPE	reach segment type
SEGL	length of the reach in miles
LEV	reach level order
J	reach junction number



K	reach divergence number
PMILE	path mile
ARBSUM	milage distance upstream from the stream discharge
USDIR	upstream reach direction
TERMID	terminal stream system ID
TRMBLV	terminal base level
PNAME	primary reach name
PNMCD	primary name code
OWNAME	open water name
OWNMCD	open water name code
DSHUC	downstream cataloging unit number
DSSEG	downstream reach segment number
DSMLPT	downstream mile point
MNFLOW	mean flow in the reach in cfs
SVTNFLOW	seven/ten low flow in the reach in cfs
MNVELO	stream velocity in the reach at mean flow in ft/s
SVTNVELO	stream velocity in the reach at seven/ten low flow in ft/s
RIVRCH	reach number
CU	cataloging unit
DESSEQ	downstream segment number
USSEQ	upstream segment number
USDIR	upstream reach direction (L or R)
DSCSM	downstream CU, segment, mile point
CCSM	complement CU, segment, mile point
CDIR	complement bank direction
ULCSM	upstream left CU, segment, mile point
URCSM	upstream right CU, segment, mile point
MDLAT	midpoint latitude
MDLONG	midpoint longitude
PSNPDAT	date of snapshot (yymm); zero if current
PLOWFL	stream-only low flow in cfs
PMEANFL	stream-only mean flow in cfs
PTOPELE	top of reach elevation in feet
PBOTELE	bottom of reach elevation in feet
PSLOPE	slope: NOT DERIVED from elevations
PDEPTH	mean depth (feet)
PWIDTH	mean width (feet)
PTEMP	mean temperature in Celcius
PPH	mean pH
PLOWVEL	total low-flow velocity in cfs
PK1	CBOD decay rate constant (if known)
PK2	rearration rate constant (if known)
PK3	NH ₃ decay rate constant (if known)
PMANN	“Roughness” coefficient (if known)
PSOD	sediment oxygen demand in mg/L
PBGDO	background DO in mg/L
PBGNH3	background NH ₃ in mg/L
PGBOD5	background CBOD in mg/L
PGBNBOD	background NBOD in mg/L

Data Product: Reach File, Version 3 (RF3) Alpha

Theme Name: Reach File, V3

Field Name	Description
SHAPE	ArcView internal field
RF3RCH#	ArcInfo internal field
RF3RCH-ID	user assigned feature number
RF3RCHID	unique river reach identifier concatenated from cataloging unit code, segment and mile point
SEG	segment number
MI	marker index
UPMI	upstream marker index
RFLAG	reach flag
OWFLAG	open water flag
TFLAG	terminal flag
SFLAG	start flag
REACHTYPE	reach type code
LEVEL	stream level
JUNC	level of downstream reach
DIVERGENCE	divergence code
USDIR	upstream direction of main path
TERMID	terminal stream ID (future use)
TRMBLV	terminal base level (future use)
PNAME	primary name
PNMCD	primary name code
CNAME	common name
CNMCD	common name code
OWNAME	open water name
OWNMCD	open water name code
DSCU	downstream CU
DSSEG	downstream SEG
DSMI	downstream MI
CCU	complement CU
CSEG	complement SEG
CMI	complement MI
CDIR	complement direction
ULCU	upstream left CU
ULSEG	upstream left SEG
ULMI	upstream left MI
URCU	upstream right CU
URSEG	upstream right SEG
URMI	upstream right MI
SEGL	reach length (miles)
RFORGLAG	RF origin flag
ALTPNMCD	alternate primary name code (future use)
ALTOWNMCD	alternate OW name code (future use)
DLAT	downstream latitude
DLONG	downstream longitude
ULAT	upstream latitude
ULONG	upstream longitude



MINLAT	minimum latitude
MINLONG	minimum longitude
MAXLAT	maximum latitude
MAXLONG	maximum longitude
NDLGREC	number of DLG records
LN1AT2	DLG line attribute 1
LN2AT2	DLG line attribute 2
AR1AT2	DLG area attribute
AR1AT4	DLG area attribute
AR2AT2	DLG area attribute
AR2AT4	DLG area attribute
UPDATE1	update date #1
UPDTC1	update type Code #1
UPDTSRC1	update source #1
UPDATE2	update date #2 (future use)
UPDTC2	update type code #2 (future use)
UPDTSRC2	update source #2 (future use)
UPDATE3	update date #3 (future use)
UPDTC3	update type Code #3 (future use)
UPDTSRC3	update source #3 (future use)
DIVCU	divergent CU
DIVSEG	divergent SEG
DIVMI	divergent MI
DLGID	DLG number (special use)
FILLER	filler (future use)
RF3RCHID	unique river reach identifier concatenated from CU, SEG, and MI
CURF3RCHID	unique complement reach identifier
ULRF3RCHID	unique upstream left reach identifier
URRF3RCHID	unique upstream right reach identifier
DIVRF3RCHID	unique divergent reach identifier

Data Product: Resource Conservation and Recovery Information System

Theme Name: Hazardous and Solid Waste Sites

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
LDIP_CODE	source of record
ID	unique ID from respective program system
MAD_ID	assigned sequential reference number
LOC_REF_ID	assigned sequential reference number
FAC_ID	EPA Facility Index System (FINDS) identifier
FACILITY_ID	name of facility or site
LATITUDE	latitude of facility, site, or operable unit
LONGITUDE	longitude of facility, site, or operable unit
BND_FLAG	boundary flag
NPL_STAT_I	npl_stat_ind
Y_COORD	national albers coordinate based on NAD 83 datum
X_COORD	national albers coordinate based on NAD 83 datum
ALBERS_SRC	source for Albers coordinate

BVFLAG	indicator of most accurate location for an EPA facility as defined by FINDS
EXIST_DATE	date operation commenced or expected date
OFF_SITE	indicates if handler accepts hazardous waste from other sites
NON_ACSBLT	indicates reason why handler is not accessible for normal RCRA tracking and processing
NON_NTFR	handler identified through source other than notification and is suspected of conducting RCRA-regulated activities without proper authority
STREET_NAM	street address of handler location
CITY_NAME	city or town in the handler location
STATE	two letter postal code for state in handler location address
ZIP	ZIP code in the handler location address
PRVS_HANDL	identification number used to regulate the handler under the Federal RCRA program
REGION	EPA region in which the handler is located
LAND_TYPE	current ownership status of land where facility is located
FIPS_STATE	two-letter postal code for state in which the handler is located
FIPS_COUNT	FIPS code for county where facility is located
BCU	BASINS assigned cataloging unit

Data Product: State and County Boundaries

Theme Name: State Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
ST_	Arclnfo internal field
ST_ID_	Arclnfo internal field
ST	state name abbreviation
EPAREG	state region

Data Product: State and County Boundaries

Theme Name: County Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
CNTY_	Arclnfo internal field
CNTY_ID	Arclnfo internal field
FIPS	county FIPS code
ST	state postal abbreviations
CNTYNAME	county name
PLYTYPE	polygon type
WORKB	BASINS internal field
STCOFIPS	state and county FIPS code
BEXT	BASINS internal field



Data Product: State and County Boundaries

Theme Name: County Names

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
TMP_B	ArcInfo internal field
TMP_B_ID	ArcInfo internal field
CNTY	ArcInfo internal field
CNTY_ID	ArcInfo internal field
FIPS	county FIPS code
ST	state postal abbreviations
CNTYNAME	county name
PLYTYPE	polygon type
WORKB	BASINS internal field
STCOFIPS	state and county FIPS code
BEXT	BASINS internal field

Data Product: Superfund National Priority List Sites

Theme Name: National Priority List Sites

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
LDIP_CODE	source of record
ID	unique ID from respective program system
MAD_ID	ArcView internal field
LOC_REF_ID	ArcView internal field
FAC_ID	EPA FINDS identifier
FACILITY_N	name of the facility or site
LATITUDE	latitude of facility, site, or operable unit
LONGITUDE	longitude of facility, site, or operable unit
BND_FLAG	boudary flag
NPL_STAT_I	indicates site's NPL status
Y_COORD	national Albers coordinate based on NAD 83
X_COORD	national Albers coordinate based on NAD 83
ALBERS_SRC	source for Albers coordinate
BVFLAG	indicator of most accurate location for an EPA facility as defined by FINDS
POINT_ORIG	specifies the region code
RECORD_TYPE	specifies the scheme record number
ACTION_COD	specifies action taken when records are downloaded from the IBM mainframe
REGION_COD	region in which site is physically located
STATE	state or territory which site is phsically located
STREET_NAM	street address, route number, or other identifier of the physical location of the site or incident
CITY_NAME	name of city, town, or other municipality in which site is located or

	incident occurs
ZIP	US Postal Service ZIP code in which site is located
COUNTY	county in which site is located
COUNTY_COD	code that identifies county in which site is located
DIOXIN_TIE	reserved for headquarters definition
USGS_HYDRO	hydrologic location of site
BCU	BASINS assigned cataloging unit
Data Product: State Soil and Geographic (STATSGO) Database	
<i>Theme Name: State Soil</i>	

Field Name	Description
SHAPE	Arcview internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
MUID	map unit identification symbol created by concatenation of state FIPS code and a three-digit Arabic number

Data Product: State Soil and Geographic (STATSGO) Database
Related Table Name: Soil Component Data

Field Name	Description
MUID	map unit identification symbol created by concatenation of state FIPS code and a three-digit Arabic number
SEQNUM	identifies sequence of components in a map unit
MUIDSEQNUM	concatenation of MUID and sequence number
COMPNAME	soil series name associated with component or sequence number
S5ID	soil interpretation record
COMPPCT	percentage of the component of the map unit
SLOPEL	minimum value for range of slope of a soil component in percent
SLOPEH	maximum value for range of slope of a soil component in percent
SURFTEX	surface layer soil texture using USDA codes
ANFLOOD	annual flooding frequency
WTDEPL	minimum value for range in depth to water table in feet
WTDEPH	maximum value for range in depth to water table in feet
WTKIND	type of water table
ROCKDEPL	minimum value for range in depth to bedrock in inches
ROCKDEPH	maximum value for range in depth to bedrock in inches
HYDGRP	soil hydrologic group
DRAINAGE	soil drainage class identifying natural drainage condition of the soil
HYDRIC	hydric soil rating
CLNIRR	nonirrigated capability class
CLIRR	irrigated capability class
PRIMFML	prime farmland classification

Data Product: State Soil and Geographic (STATSGO) Database
Related Table Name: Soil Layer Data

Field Name	Description
MUID	map unit identification symbol created by concatenation of state FIPS code and a three digit Arabic number
SEQNUM	identifies sequence of components in a map unit
MIEDSEQNUM	concatenation of MUID and sequence number



S5ID	soil interpretation record
LAYERNUM	identifies sequence in the soil profile
LAYDEPL	depth to upper boundary of soil layer or horizon in inches
LAYDEPH	depth to lower boundary of soil layer or horizon in inches
TEXTURE1	USDA soil texture class for specified layer
TEXTURE2	USDA soil texture class for specified layer
TEXTURE3	USDA soil texture class for specified layer
KFACT	soil erodibility factor
KFFACT	soil erodibility factor, rock fragments free
TFACT	soil loss tolerance factor
WEG	wind erodibility group
NO200L	percent passing sieve no. 200-minimum value
NO200H	percent passing sieve no. 200-maximum value
CLAYL	percent clay-minimum value
CLAYH	percent clay-maximum value
LLL	minimum percent liquid limit
LLH	maximum percent liquid limit
PIL	minimum percent plasticity limit
PIH	maximum percent plasticity limit
UNIFIED1	Unified Engineering Classification (1)
UNIFIED2	Unified Engineering Classification (2)
UNIFIED3	Unified Engineering Classification (3)
UNIFIED4	Unified Engineering Classification (4)
AASHTO1	ASSHTO Engineering Classification (1)
AASHTO2	ASSHTO Engineering Classification (2)
AASHTO3	ASSHTO Engineering Classification (3)
AASHTO4	ASSHTO Engineering Classification (4)
AWCL	low available water capacity (in/in)
AWCH	high available water capacity (in/in)
BDL	low bulk density (g/cc)
BDH	high bulk density (g/cc)
OML	minimum percent organic matter
OMH	maximum percent organic matter
PHL	minimum pH value
PHH	maximum pH value
SALINL	minimum salinity value (mmhos/cm)
SALINH	maximum salinity value (mmhos/cm)
SARL	minimum sodium absorption ratio
SARH	maximum sodium absorption ratio
CECL	lower cation exchange capacity
CECH	higher cation exchange capacity
CACO3L	minimum percent calcium carbonate
CACO3H	maximum percent calcium carbonate
GYPsumL	minimum percent sulfate
GYPsumH	maximum percent sulfate
PERML	minimum permeability (in/hr)
PERMH	maximum permeability (in/hr)
SHRINKSW	shrink-swell potential upon drying and wetting

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data
 Theme Name: Toxic Release Inventory

Field Name	Description
SHAPE	ArcView internal field
AREA	degenerate area of point in map units
PERIMETER	degenerate perimeter of point in map units
LDIP_CODE	source of record
ID	unique ID form respective program system
MAD_ID	assigned sequential reference number
LOC_REF_ID	assigned sequential reference number
FAC_ID	EPA facility index system (FINDS) identifier
FACILITY_N	name of facility or site
LATITUDE	latitude of facility, site, or operable unit
LONGITUDE	longitude of facility, site, or operable unit
BND_FLAG	boundary flag
NPL_STAT_I	npl_stat_ind
Y_COORD	Albers y coordinate based on NAD 83 datum
X_COORD	Albers x coordinate based on NAD 83 datum
ALBERS_SRC	source for Albers coordinate
BVFLAG	most accurate location for an EPA facility as defined by FINDS
STREET_NAM	street name in address of reporting facility
CITY_NAME	name of city where facility is located
COUNTY_NAM	name of county where facility is located
STFIPS	combined two digit state abbreviation and county code
STATE	two-letter state code used by US Postal Service
ZIP	ZIP code assigned by US Postal Service
REGION	EPA region
SIC	Standard Industrial Classification (SIC) Code
BCU	BASINS assigned cataloging unit
CLOSE_IND	flag indicating if facility has been closed down
DUNS	Dun and Brandstreet number assigned to facility
FEDERAL	indicates ownership status of a facility
ASSIG_AGEN	code assigned by the Emergency Preparedness and Community Right-to-Know Act (EPCRA) Operations Department

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data
 Related Table Name: TRI Air Emission Data 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995

Field Name	Description
TRI_FACILI	unique identifier of facility-first five consonants of name
DOC_CONTROL	unique identification assigned to each submission
FUGITIVE_S	code used to distinguish between fugitive or non-point air emissions of the chemical and stack or point air emissions
REL_EMISS_	code that corresponds to the amount of toxic chemical released annually by facility, reported as a range of release less than 1000lbs. Permitted values are: 4 = 500 to 999 lbs/year; 3 = 11 to 499 lbs/year; 2 = 1 to 499 lbs/year; 1 = 0.5 to 10 lbs/year and 0 = none.



REL_EST	estimate provided by facility of the amount of toxic chemicals released for releases greater than 1000 lb
REL_EST_FL	indicates "not applicable" was entered on release estimate form
REL_EST_BA	principle method by which the total release estimate was calculated
REL_TRANSF	sequence number within a document control number to make each unique
TRI_CHEM_I	record of releases reported by a facility CAS number or category code assigned to chemicals regulated under section 313 of EPCRA
TRADE_SECR REPORTING_	indicates toxic chemical reported is claimed to be a trade secret calender year in which reported activity occurred

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data

Related Table Name: TRI Land Release Data 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995

Field Name	Description
TRI_FACILI	unique identifier of facility-first five consonants of name
DOC_CONTROL	unique identification assigned to each submission
LAND_DISP	type of on-site land release of the toxic chemical
REL_EMISS_	code that corresponds to the amount of toxic chemical released annually by facility, reported as a range of release less than 1000lbs. Permitted values are: 4 = 500 to 999 lbs/year; 3 = 11 to 499 lbs/year; 2 = 1 to 499 lbs/year; 1 = 0.5 to 10 lbs/year and 0 = none.
REL_EST_FL	indicates "not applicable" was entered on release estimate form
REL_EST	estimate provided by facility of the amount of toxic chemicals released for releases greater than 1000 lb
REL_EST_BA	principle method by which the total release estimate was calculated
REL_TRANSF	sequence number within a document control number to make each unique
TRI_CHEM_I	record of releases reported by a facility CAS number or category code assigned to chemicals regulated under section 313 of EPCRA
TRADE_SECR REPORTING_	indicates toxic chemical reported is claimed to be a trade secret calender year in which reported activity occurred

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data

Related Table Name: TRI POTW Data 1991,1992,1993,1994,1995

Field Name	Description
REPORTING_	calender year in which reported activity occurred
DOC_CONTRO	unique identification assigned to each submission
REL_EMISS_	code that corresponds to the amount of toxic chemical released annually by facility, reported as a range of release less than 1000lbs. Permitted values are: 4 = 500 to 999 lbs/year; 3 = 11 to 499 lbs/year; 2 = 1 to 499 lbs/year; 1 = 0.5 to 10 lbs/year and 0 = none.
REL_EST_FL	indicates "not applicable" was entered on release estimate form
REL_EST	estimate provided by facility of the amount of toxic chemicals released for releases greater than 1000 lb
REL_EST_BA	principle method by which the total release estimate was calculated

REL_TRANSF	sequence number within a document control number to make each unique record of releases reported by a facility
TRI_FACILI	unique identifier of facility-first five consonants of name
TRI_CHEM_I	CAS number or category code assigned to chemicals regulated under section 313 of EPCRA
TRADE_SECR	indicates toxic chemical reported is claimed to be a trade secret

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data

Related Table Name: TRI Underground Injection Data 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995

Field Name	Description
TRI_FACILI	unique identifier of facility-first five consonants of name
DOC_CONTRO	unique identification assigned to each submission
REL_EST_FL	code that corresponds to the amount of toxic chemical released annually by facility, reported as a range of release less than 1000lbs. Permitted values are: 4 = 500 to 999 lbs/year; 3 = 11 to 499 lbs/year; 2 = 1 to 499 lbs/year; 1 = 0.5 to 10 lbs/year and 0 = none.
REL_EST	indicates "not applicable" was entered on release estimate form
REL_EST_BA	estimate provided by facility of the amount of toxic chemicals released for releases greater than 1000 lb
REL_TRANSF	principle method by which the total release estimate was calculated
TRI_CHEM_I	sequence number within a document control number to make each unique record of releases reported by a facility
TRADE_SECR	CAS number or category code assigned to chemicals regulated under section 313 of EPCRA
REPORTING_	indicates toxic chemical reported is claimed to be a trade secret
	calender year in which reported activity occurred

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data

Related Table Name: TRI Water Release Data 1987,1988,1989, 1990, 1991, 1992, 1993, 1994, 1995

Field Name	Description
TRI_FACILI	unique identifier of facility-first five consonants of name
DOC_CONTRO	unique identification assigned to each submission
STREAM_COD	surface water body or receiving stram into which chemical is directly discharged
STREAM_NAM	name of stream or water body into which chemical is directly discharged
REL_EMISS_	code that corresponds to the amount of toxic chemical released annually by facility, reported as a range of release less than 1000lbs. Permitted values are: 4 = 500 to 999 lbs/year; 3 = 11 to 499 lbs/year; 2 = 1 to 499 lbs/year; 1 = 0.5 to 10 lbs/year and 0 = none.
REL_EST_FL	indicates "not applicable" was entered on release estimate form
REL_EST	estimate provided by facility of the amount of toxic chemicals released for releases greater than 1000 lb
REL_EST_BA	principle method by which the total release estimate was calculated
STORM_WATE	percentage of the total quantity of chemicals released to water which



STORM_WATE	was contributed by storm water runoff percentage of the total quantity of chemicals released to water which was contributed by storm water runoff
RELF_TRANS	sequence number within a document control number to make each unique record of releases reported by a facility
TRI_CHEM_I	CAS number or category code assigned to chemicals regulated under section 313 of EPCRA
TRADE_SECR REPORTING_	indicates toxic chemical reported is claimed to be a trade secret calender year in which reported activity ocurred

Data Product: Toxic Release Inventory (TRI) Sites and Pollutant Release Data
Related Table Name: TRI Parameter Table

Field Name	Description
CAS_NUM	chemical abstract registry number
CHEM_NAME	chemical name
ACTIVE_DAT	date on which chemical was regulated
INACTIVE_D	date on which chemical was deregulated

Data Product: Urbanized Areas
Theme Name: Urban Area Boundaries

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
TMP_B_	ArcInfo internal field
TMP_B_ID	ArcInfo internal field
POLY_	ArcInfo internal field
POLY_ID	ArcInfo internal field
RINGS_OK	ArcInfo internal field
RINGS_NOK	ArcInfo internal field
URBAN_	ArcInfo internal field
URBAN_ID	ArcInfo internal field
CITYNAME	urbanized area name

Data Product: Urbanized Areas
Theme Name: Urban Area Names

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
TMP_B_	ArcInfo internal field
TMP_B_ID	ArcInfo internal field
ANAME_	ArcInfo internal field
Uaname_ID	ArcInfo internal field
UA_CODE	unique code for the urbanized area
CITYNAME	urbanized area name

Data Product: Water Quality Monitoring Stations & Data Summaries

Theme Name: Water Quality Stations

Field Name	Description
SHAPE	ArcView internal field
ID	BASINS assigned unique ID
STATION	station code
AGENCY	agency code
LOCATION	description of location
CU	cataloging unit code
SEG	Reach File, V1 segment number
MILEP	Reach File, V1 mile point
ONOFF	on/off reach indicator
COUNTY	county name
STFIPS	state FIPS code
STATE	state postal abbreviation
LONG	longitude
LAT	latitude
TYPE	station type
STCOFIPS	state and county FIPS code
BWQID	BASINS assigned unique station number
BCU	BASINS assigned cataloging unit
WRS1	BASINS internal field
WRS2	BASINS internal field

Data Product: Water Quality Monitoring Stations & Data Summaries

Related Table Name: Water Quality Data 70-74, 75-79, 80-84, 85-89, 90-94, 95-97

Field Name	Description
ID	BASINS assigned unique ID
STATION	station
AGENCY	agency
BWQID	BASINS assigned unique ID
PARAMETER	EPA STORET parameter code
NO OBS	number of observations
MEAN	mean value
A15TH_P	15th percentile value
A25TH_P	25th percentile value
A50TH_P	50th percentile value
A75TH_P	75th percentile value
A85TH_P	85th percentile value
STD	standard deviation
BCU	BASINS assigned cataloging unit code

Data Product: Water Quality Monitoring Stations & Data Summaries

Related Table Name: Water Quality Parameter Table

Field Name	Description
PARM_CODE	EPA STORET parameter code
PARM_NAME	parameter name
UNITS	units



SAMPLE_TYP	sample type
UP_REF_LVL	upper reference level
LW_REF_LVL	lower reference level
UNKNOWN	type of standard
REF_LVL SRC	reference level source

Data Product: Water Quality Stations and Observation Data

Theme Name: Water Quality Observation Stations

Field Name	Description
SHAPE	ArcView internal field
ID	BASINS assigned unique ID
AGENCY	agency code
AGENCY_COD	unknown
STATION	station code
ST_DEPTH	station depth
STATE	state code
LAT	latitude
LONG	longitude
TYPE	station type
LOCATION	description of location
CU	cataloging unit code
SEG	Reach File, V1 segment number
MILE	Reach File, V1 mile point
ONOFF	on/off reach indicator
BCU	BASINS assigned cataloging unit
BSTAT_ID	BASINS assigned unique identifier

Data Product: Water Quality Stations and Observation Data

Related Table Name: Water Quality Observation Parameter Table

Field Name	Description
PARAM_CODE	EPA STORET parameter code
PARAM_NAME	parameter name
UNITS	units
SAMPLE_TYP	sample type

Data Product: Watershed Data Stations & Database

Theme Name: Watershed Data Stations

Field Name	Description
SHAPE	ArcView internal field
LONGITUDE	longitude
LATITUDE	latitude
ELEVATION	elevation
STAT_NAME	station name
COUNTY	county
PPT_PERIOD	duration of precipitation
COV_PCT	percent of sampling period covered
REGION	EPA region

Data Product: Weather Station Sites

Theme Name: WDM Weather Data Stations

Field Name	Description
SHAPE	ArcView internal field
STA_NAM	weather station name
STATE	2-digit state abbreviation
COOP_ID	cooperative network index station number
NWS_ID	National Weather Service identification number
LATDD	latitude of weather station in decimal degrees
LONGDD	longitude of weather station in decimal degrees
ELEV_FT	elevation of the weather station in meters
BEGIN_DATA	data of first record in WDM file
END_DATE	date of last record in WDM file
DATA_PREC	precipitation data source
DATA_EVAP	evaporation data source
DATA_ATEM	air temperature data source
DATA_WIND	wind movement data source
DATA_SOLR	solar radiation data source
DATA_PEVT	potential evapotranspiration data source
DATA_DEWP	dew point temperature data source
DATA_CLOU	cloud cover data source

Data Product: Weather Station Sites

Theme Name: Weather Station Sites

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
TMP_B_ID	ArclInfo internal field
MET_STAT	ArclInfo internal field
MET_STAT_I	ArclInfo internal field
ID	weather station identification code
LATDD	latitude of weather station in decimal degrees
LONGDD	longitude of weather station in decimal degrees
ELEVFT	elevation of the weather station in meters
STATNAME	weather station name
VIG_ID	BASINS internal field

Data Product: Weather Station Sites

Theme Name: Weather Station Area

Field Name	Description
SHAPE	ArcView internal field
AREA	area of polygon in map units
PERIMETER	perimeter of polygon in map units
TMP_B	ArclInfo internal field
TMP_B_ID	ArclInfo internal field
POLY	ArclInfo internal field
POLY_ID	ArclInfo internal field



RINGS_OK	ArcInfo internal field
RINGS_NOK	ArcInfo internal field
MET_STAT_	ArcInfo internal field
MET_STAT_I	ArcInfo internal field
ID	weather station identification code
LATDD	latitude in decimal degrees
LONGDD	longitude in decimal degrees
ELEVFT	elevation in meters
STATNAME	weather station name
VIG_ID	BASINS internal field

Data Product: 1996 Clean Water Needs Survey

Theme Name: 1996 Clean Water Needs Survey

Field Name	Description
SHAPE	ArcView internal field
FACID	authority/facility identification number
NPDES	National Pollution Discharge Elimination System (NPDES) number
FACNAME	facility name according to local sewer authority
CITYNAM	city name where facility is physically located
CNTYNUM	county number
CNTYNAM	county name where facility is physically located
REGION	EPA region
STATE	state postal code
FACSTAT	operational status as of January 1, 1996
PRESNAT	type of existing facility
PROJNAT	type of facility projected for the future
FACCHNG	type of change for the facility
PPRRT	present resident population currently receiving treatment at the facility
PFRRT	projected resident population expected to receive treatment
PPRRC	present resident population currently receiving collection
PFRRC	projected resident population expected to receive collection
FEXTOT	actual 12-month average flow-through facility, in million gallons/day
FPDTOT	total current design flow capacity for facility, in million gallons/day
FFDTOT	total projected year design flow of the facility, in million gallons/day
EFFPRES	present effluent classification
EFFPROJ	projected effluent classification
NEDTROT	total EPA design year needs
NEDI	EPA design year category I needs
NEDII	EPA design year category II needs
NEDIII	EPA design year category IIIA needs
NEDIIIB	EPA design year category IIIB needs
NEDIVA	EPA design year category IVA needs
NEDIVB	EPA design year category IVB needs
NEDV	documented EPA design year category V needs
CSOMODL	modeled EPA design year category V needs
NEDVI	EPA design year category VI needs
NEDVIIA	EPA design year category VIIA needs
NEDVIIB	EPA design year category VIIB needs
NEDVIIC	EPA design year category VIIC needs

NEDVIID	EPA design year category VIID needs
NEDVIIE	EPA design year category VIIE needs
NEDVIIF	EPA design year category VIIF needs
NEDVIIG	EPA design year category VIIG needs
DISCHRG	identifies facility FACID number which presently or eventually will receive flow from FACID number
CSOIAM	CSO indicator flag
FLAG_LL	indicates how coordinates were obtained
CSAREA	combined sewer system collection area
CSPOP	combined sewer system population
LAT	latitude
LONG	longitude