
1.0 PCS Data Elements Included in IDEA Data Download

The Integrated Data for Enforcement Analysis (IDEA) system incorporates data from the Permit Compliance System (PCS).

1.1 PCS DESCRIPTION

PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels. PCS is used by the following:

| | |
|---------------------|---------------------|
| AL - Alabama | MS - Mississippi |
| AZ - Arizona | NC - North Carolina |
| DE - Delaware | ND - North Dakota |
| FL - Florida | NJ - New Jersey |
| GM - Gulf of Mexico | OH - Ohio |
| IA - Iowa | OR - Oregon |
| KS - Kansas | SC - South Carolina |
| KY - Kentucky | TX - Texas |
| LA - Louisiana | VA - Virginia |
| ME - Maine | VT - Vermont |
| MI - Michigan | WA - Washington |
| MN - Minnesota | WV - West Virginia |
| MO - Missouri | WY - Wyoming |

Active facilities are those currently in operation. Major/federally-reportable are facilities for which states must submit compliance and enforcement data to EPA. Under the Clean Water Act (CWA) a major facility is any NPDES facility or activity classified as such by the regional administrator, or in the case of approved state programs, the regional administrator in conjunction with the state director. Major municipal dischargers include all facilities with design flows of greater than one million gallons per day and facilities with EPA/state approved industrial pretreatment programs. Major industrial facilities are determined based on specific ratings criteria developed by EPA/state.

Minor/not federally-reportable are facilities for which states are not required to submit data to EPA. EPA is therefore not able to verify the accuracy or comparability of data for these permits, although the Agency tracks their names and locations and may have some data about their inspections and enforcement activity.

PCS records included in the download files are those for any permit indicated as belonging to one of the PCS user States. PCS includes the following data types:

- Permit facility data
- Compliance schedule violations
- Inspection information
- Enforcement actions

Only certain data elements from PCS are incorporated into IDEA and a subset of these are provided in the download format. This document contains a list of these data elements, as well as definitions. The data element table in Section 1.2 presents the PCS data elements in related groups.

1.2 PCS DATA ELEMENTS BY TABLE

| Element Name | Data Type | Length | Long Name |
|---------------------------------------------------|-----------|--------|------------------------------------------------|
| PERMITTEE INFORMATION (PCS01.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| NAM1 | Char | 30 | Facility Name 1 |
| NAM2 | Char | 30 | Facility Name 2 |
| RSTR | Char | 60 | Facility Street Address |
| CYNM | Char | 20 | Facility City Name |
| CNTY | Char | 5 | COUNTY_CODE |
| STATE | Char | 2 | STATE_CODE |
| FLAT | Num | 6 | LATITUDE |
| FLON | Num | 7 | LONGITUDE |
| IACC | Char | 1 | Facility Active Flag |
| MADI | Char | 1 | Major Discharge Indicator |
| PTYP | Char | 1 | PERMIT_TYPE_CODE |
| FTYP | Char | 1 | Facility TYPE_CODE |
| SIC2 | Num | 4 | SIC Code – Facility Description |
| LONG | Char | 1 | Latest Official Non-Compliance (Derived Value) |
| PTEV | Char | 5 | PERMIT.EXPIRATION_EVENT_CODE |
| PPTAC | Num | 6 | PERMIT.EXPIRATION_DATE |
| FHBC | Num | 8 | USGS Hydro Basin Code |
| FHBC | Char | | USGS Hydro Basin Code - Description |
| RWAT | Char | 35 | Receiving Waters |
| S303D | Char | 1 | Within .5 miles of 303D listed stream |
| COMBSO | Char | 9 | Number of Current CSO Outfalls |
| INSPECTIONS (PCS02.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| INSPDTE | Num | 9 | Inspection Date |
| INSPTYP | Char | 1 | Inspection Type |
| INSPCOD | Char | 1 | Inspection Code |
| HISTORIC COMPLIANCE (PCS03.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| HQRTR | Num | 5 | Historic Noncompliance Quarter (YYYYQ) |
| HLRNC | Char | 1 | Historic Last Reported Noncompliance |
| EFFLUENT VIOLATIONS (PCS04.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| DSCH | Char | 3 | Discharge Number from Pipe Schedule |
| PARAMTR | Char | 5 | Parameter Code |
| MVDT | Date | 8 | Monitoring Date |
| MVIO | Char | 3 | Effluent Violation Code – Worst Violation |
| VIND | Char | 1 | Violation Indicator |
| VWCS | Num | 5 | Highest Per cent Violation |
| SNCE | Char | 1 | RNC Detected |
| SNDE | Date | 8 | RNC Date for DMR |
| SRDE | Date | 8 | RNC Resolution Date |
| SINGLE EVENT VIOLATIONS (PCS05.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| SVCD | Char | 5 | Single Event Violation Code |
| SVDT | Num | 8 | Single Event Violation Date |
| SNCS | Char | 1 | Single Event Violation RNC Detection Code |
| SNDS | Num | 8 | Single Event Violation RNC Detection Date |
| SRCS | Char | 1 | Single Event Violation RNC Resolution Code |
| SRDS | Date | 8 | Single Event Violation RNC Resolution Date |
| COMPLIANCE SCHEDULE VIOLATIONS (PCS06.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| VCSN | Char | 2 | Compliance Schedule Number |

| Element Name | Data Type | Length | Long Name |
|------------------------------------------------------|-----------|--------|--------------------------------------------------|
| VDCD | Char | 4 | Data Source Code |
| CVEV | Char | 5 | Event |
| CVIO | Char | 3 | Violation Code |
| CVDT | Num | 6 | Violation Date YYYYMM |
| SNCC | Char | 1 | RNC for Event |
| SNDC | Num | 6 | Date of RNC YYYYMM |
| SRCC | Char | 1 | Resolution of RNC |
| SRDC | Num | 6 | Resolution Date YYYYMM |
| DTSC | Num | 8 | Date |
| DTAC | Num | 8 | Actual Date |
| ENFORCEMENT ACTIONS AND PENALTIES (PCS07.TXT) | | | |
| NPDES | Char | 9 | NPDES Identification Number |
| ENAC | Char | 2 | Enforcement Action Code |
| EATP | Char | 1 | Enforcement Action Type Order Issued (EPA/State) |
| ENDT | Num | 9 | Enforcement Action Date |
| APAM | Num | 6 | Penalty Amount Assessed |
| APPA | Num | 6 | Penalty Assessed by Judicial Decree |

2.0 PCS Data Element Definitions

The following is a list of the PCS data elements and PCS-derived elements that appear in the IDEA download. The data elements are listed alphabetically by data element name.

APAM (Penalty Amount Assessed) A six-digit field that represents the dollar amount of the assessed administrative penalty, as identified in the final order.

APPA (Penalty Assessed by Judicial Decree) A six-digit field that represents the dollar amount of the Administrative Penalty Order as assessed by an officer of the court.

COMBSO Number of current CSO outfalls

CVDT (Compliance Schedule Violation Date) The actual date of the compliance schedule violation. It is usually equal to the compliance schedule date (DTSC).

CVEV (Compliance Schedule Violation Event Code) The compliance schedule event which is being violated. It relates a schedule violation to a compliance schedule event in the compliance schedule record.

CVIO (Compliance Schedule Violation Code) Violation code describing both automatically and manually detected compliance schedule violations.

- C10 REPORTED LATE VIOLATION
- C20 ACHIEVED LATE VIOLATION
- C30 UNACHIEVED VIOLATION
- C40 NOT RECEIVED VIOLATION
- M00 MANUAL COMP VIOLATION (GENERIC)
- M10 MANUAL REPORTED LATE VIOLATION
- M20 MANUAL ACHIEVED LATE VIOLATION
- M30 MANUAL UNACHIEVED VIOLATION
- M40 MANUAL NOT RECEIVED VIOLATION

CNTY (County Code) FIPS Code for county where the facility is located.

CYNM (City Name) The name of the city where the facility is located. Each city name is defined with its corresponding city code in the system's city-state code table.

DSCH (Discharge Number) A three-digit code assigned for each point of discharge.

EATP (Enforcement Action Type Order Issued EPA/State) Indicates whether an enforcement action was issued by a state ('S') or EPA ('E').

ENAC (Enforcement Action Code) A code describing which enforcement action was taken in response to a violation.

| | |
|----|------------------------|
| 05 | Phone call |
| 06 | Permit appeal to EPR |
| 07 | Meeting with permittee |

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|----|----------------------------------|
| 08 | Letter of violation—effluent |
| 09 | Compliance inspection |
| 10 | 308 Administrative Order |
| 11 | Administrative action planned |
| 12 | Pollution prevention order |
| 13 | Administrative action pending |
| 14 | 308 order for MWPP |
| 15 | Section 308 letter |
| 16 | Show cause hearing or meeting |
| 17 | 505 citizen suit notice |
| 18 | Adjudctry hearing requested |
| 19 | Pretreatment referral |
| 20 | Notice of Violation (NOV) |
| 21 | Administrative Order |
| 22 | Administrative consent order |
| 23 | 309(A) (5) (A) Order |
| 24 | 309 (A) (6) |
| 25 | Consent decree |
| 26 | Contempt action |
| 27 | Judicial action planned |
| 29 | Judicial action pending |
| 30 | Agency enforcement review |
| 31 | Referred to higher level review |
| 32 | Under review by state AG |
| 33 | Under review by EPA Headquarters |
| 34 | Cease and Desist order |
| 35 | Stipulation court order |
| 36 | Civil action filed |
| 37 | Trial court order |
| 38 | Criminal action filed |
| 39 | Citizen suit consent decree |
| 40 | Penalty recommended |
| 41 | Contested case hearing |
| 42 | 301 (I) extension |
| 43 | Permit modification request |
| 44 | Permit modification pending |
| 45 | Permit modified |
| 46 | Permit reissued |
| 47 | Tie in to municipality planned |
| 48 | Tie in to municipality underway |
| 49 | Sewer ban imposed |
| 50 | Referred to AG—other |
| 51 | EIS required |
| 52 | Negative declaration |
| 53 | Referred to AG—effluent |
| 54 | MCP required AO—EO |

| | |
|----|-------------------------------------------|
| 55 | Compliance order with penalty |
| 56 | MCP schedule AO—EO |
| 57 | Under enforcement review |
| 58 | MCP schedule consent decree |
| 59 | Sewer ban early warning |
| 60 | CCP required AO—EO |
| 61 | Notice of potential penalty |
| 62 | CCP schedule AO—EO |
| 63 | Compliance order |
| 65 | Pretreatment NCP's |
| 66 | Consent administrative order with penalty |
| 67 | State agreed order |
| 68 | Compliance order/notice potential penalty |
| 69 | Other |
| 70 | Comment |
| 71 | Pretreatment consent decree |
| 72 | Pretreatment administrative order |
| 73 | 404 dredge/fill administrative order |
| 74 | Failure to reapply |
| 75 | Federal facility compliance agreement |
| 76 | Administrative order – MCP |
| 77 | Referred to region |
| 78 | Administrative complaint field |
| 79 | Judicial administrative decree |
| 80 | Pollution control board EO |
| 81 | Final order of the board |
| 82 | Notice of noncompliance |
| 83 | Notice of Violation, FML |
| 84 | Stipulation/Order of RMDL action |
| 85 | Final order of abatement |
| 86 | Stipulation agreement |
| 87 | Director final findings/order |
| 88 | Enforcement conference agreement |
| 89 | Order of suspension |
| 90 | Order of revocation |
| 91 | Enforcement notice letter |
| 92 | Pre-enforcement conference letter |
| 93 | Enforcement conference letter |
| 94 | Director's warning letter |
| 95 | Enforcement conference |
| 96 | Administrative enforcement order |
| 97 | Emergency order, governor |
| 98 | Notice of violation, INFML |
| 99 | Notice of noncompliance, INFML |

ENDT (Enforcement Action Date) The date of the enforcement action.

FBHC (USGS Hydro Basin Code) An eight-digit code assigned by the United States Geological Survey to identify drainage water basins for facilities by their geographic location. Also referred to as Cataloging Unit (CU) or Hydrologic Unit Code (HUC) by frequent users of Reach information.

FLAT (Latitude) The latitude of the facility or permit holder as maintained in the PCS system.

FLON (Longitude) The longitude of the facility or permit holder as maintained in the PCS system.

FTYP (Facility Type Code) A one-character field that combines information stored in the Industry Classification (INCL) and the Type of Ownership (TYPO) fields. Values include:

F FEDERAL
I INDUSTRIAL
M MUNICIPAL
O OTHER

HLRNC (Historic Noncompliance) The Historic Noncompliance field is derived by IDEA. IDEA retains the compliance data for the last eight quarters and displays it in this field. The noncompliance data corresponds to the quarter in HQRTR. The following codes indicate historic noncompliance:

C COMPLIANT
D NC-SNC DMR NON-RECPT
E NC-SNC EFFLUENT VIOL
N NC-RNC VIOL TNS ONLY
P RESOLVED PENDING
R RESOLVED
S NC-SNC COMP SCHED VIO
T NC-SNC COMP SCHED RPT
X NC-SNC EF NONMNTH AV

HQRTR (Historic Noncompliance Quarter) This field displays the quarter that is referred to in the HNC field. IDEA retains historic noncompliance information for the last two years or eight quarters. Valid entries in this field include numbers from 1 to 8.

IACC (Facility Active Flag) A code that indicates whether the facility is currently active ('A') or inactive ('I').

INSPCOD (Inspection Code) One-character code that identifies the lead agency (i.e., EPA, State) conducting the inspection (named in INSPTYP).

| | | | |
|----------|------------------------------|----------|--------------------------------|
| C | Contractor | R | EPA (regional) |
| E | Corps of Engineers | S | State |
| J | Joint EPA & State (EPA lead) | T | Joint EPA & State (State lead) |
| N | NEIC | | |

INSPDTE (Inspection Date) Identifies the calendar date of the listed inspection (named in INSPTYP).

INSPTYP (Inspection Type) Contains a code describing the type of inspection that was conducted.

| INSPTYP | | | |
|---------|-------------------------------------------|---|---------------------------------------------------|
| A | Performance audit | P | Pretreatment compliance inspection |
| B | Compliance bio-monitoring | R | Reconnaissance |
| C | Compliance evaluation (non-sampling) | S | Compliance sampling |
| D | Diagnostic | T | Field audit inspections |
| E | Corps of Engineers inspection | U | Independent user inspection w/ pretreatment audit |
| F | Pretreatment follow-up | W | Stormwater |
| G | Pretreatment audit | X | Toxics inspection |
| H | Compliance assistance | Y | CSO inspection |
| I | Industrial user inspection | Z | Sludge |
| J | Compliant | 2 | IU sampling inspection |
| K | CAFO (Concentrated Animal Feed Operation) | 3 | IU non-sampling inspection |
| L | Enforcement case support | 4 | IU toxics inspection |
| M | Multimedia | 5 | IU sampling inspection w/pretreatment audit |
| N | Spill | 6 | IU non-sampling inspection w/ pretreatment audit |
| O | Compliance evaluation inspection | 7 | IU toxics w/ pretreatment audit |

LONC (Latest Official Non-Compliance) Derived values include:

- C COMPLIANT
- D NC-SNC DMR NON-RECPT
- E NC-SNC EFFLUENT VIOL
- N NC-RNC VIOLTNS ONLY
- P RESOLVED PENDING
- R RESOLVED
- S NC-SNC COMP SCHD VIO
- T NC-SNC COMP SCHD RPT
- X NC-SNC EF NONMNTH AV

MADI (Major Discharge Indicator) One-character code that designates the facility as a major or minor discharger. A blank in this field indicates a minor discharger, an 'M' in this field indicates a major discharger.

MVDT (Measurement/Violation Monitoring Period End Date) An eight-digit field that indicates the monitoring period end date (YYYYMMDD) as stated on the Discharge Monitoring Report (DMR).

MVIO (Measurement/Violation Code) A three-character effluent violation code that describes the worst violation detected for this report parameter's measurements.

- D10 DMR Overdue (EPA)
- D20 DMR Overdue (State)
- D30 DMR Overdue (EPA/State)
- E00 Measurement Only, No Violation

E01 Monitor Only, Quantity Absent
E11 Monitor Only, Concentration Absent
E21 Monitor Only, Quantity/Concentration Absent
E31 Limited, Quantity Absent
E41 Limited, Concentration Absent
E51 Limited, Quantity/Concentration Absent
E90 Numeric Violation

NAM1 (Facility Name 1) Contains a facility name segment which is part of the FNML. The FNML is the official or legal name used to distinguish this entity from similar entities, if any, in the same geographical area. The FNML is generally the name that appears on the NPDES application form. This particular facility name segment is the first 30 positions of the FNML.

NAM2 (Facility Name 2) Contains a facility name segment which is part of the FNML, the official or legal name used to distinguished this entity from similar entities, if any, in the same geographical area. The FNML is generally the name that appears on the NPDES application form. This particular facility name segment is the second 30 positions of the FNML.

NPDES (National Pollution Discharge Elimination System) This field contains a NPDES number formatted to define the general permit, the industrial classification, and the sequence number. This NPDES number may reflect either the permit or a facility covered by the permit.

PARAMTR (Parameter Code) A five-digit field that contains the parameter code. Usually the field contains a STORET parameter code; but, for toxicity testing parameters, the field contains a PCS-devised parameter code.

PPTAC (Permit Expiration Date) Date on which a given permit is scheduled to expire. An expired date does not mean the facility is operating without a permit. In most cases, the facility has applied for a permit renewal, but the responsible authority (local, state, or federal) has not completed the re-issuance. Typically facilities operate under the conditions of the expired permit until the renewal has been processed. Some states are experiencing a backlog in issuing permit renewals, particularly under the Clean Water Act. EPA suggests contacting the relevant state agency for more information about permit renewal status.

PTEV (Permit Expiration Event Code)

PTYP (Permit Type Code) The default type is standard. Values include:

| | |
|---|------------------------------|
| | STANDARD |
| A | AFO/CAFO |
| B | STATE INDVL AFO/CAFO PERMITS |
| C | CONTROL/APPROVAL AUTH. |
| D | DUMMY EDI |
| F | GEN PMT COVRD FACILITY |
| G | GENERAL |
| H | STATE-WIDE GENERAL PERMITS |

| | |
|---|-------------------------------|
| I | IND. PERMIT |
| J | STATE INDVL NON-NPDES PERMITS |
| L | SLUDGE ONLY |
| M | COMBINED SEWER OVERFLOW |
| N | SSO-SATEL-U |
| P | PRETREATER |
| R | STORM WATER GENERAL |
| S | STORMWATER |
| T | TEST EDI |
| U | UNPERMITTED |
| W | WETLANDS |
| X | GROUNDWATER |
| Y | 304 L PERMIT |
| Z | DIS CON MECH-SPRFND SITES |

RSTR (Facility Street Address) A 60 character field that contains the street address of the facility.

RWAT (Receiving Waters) The name of the river, stream, tributary, lake, or other body of water into which the effluent is discharged.

S303D (Within .5 miles of 303D listed stream)

SIC2 (SIC Code—Facility Description) The four-digit code for the principal activity causing the discharge at the facility as defined by the 1987 Standard Industrial Classification (SIC Manual).

SNCC (QNCR Compliance Schedule Violation Detection Code) Indicates reportable noncompliance (RNC) for a particular compliance schedule violation event.

| | | | |
|---|-------------------------------------------------|---|----------------------------------------------------|
| A | Enf – Administrative Order | N | Rpt – Nonreceipt of DMR/CS report |
| B | Dis-Manual 2A4 – pass-thru | P | Enf – Administrative Order, non-monthly average |
| C | Chr – Chronic violation | Q | Dis-Manual 2B – Pretreatment |
| D | Dis-Manual other | R | Trc – Trace violation, non-monthly average |
| E | Dis-Manual 2F – Permit narrative | S | Sch – Compliance schedule violation |
| F | Dis-Manual 2G – Violation of concern | T | Trc – Trace limitations exceeded |
| G | Dis-Manual 2A1 – Effluent violation | U | Eff – Other violation w/ trace non-monthly average |
| H | Chr – Chronic violation, non-monthly average | V | Eff – Other violations with trace |
| I | Dis-Manual 2A2 – Unauthorized bypass | W | Dis-Manual 2E – Deficient report |
| J | Dis-Manual 2A3 – Unauthorized discharge | X | Eff-Manual Other violation with trace |
| K | Rpt – Nonreceipt violation, non-monthly average | Y | Trc – Manual trace |
| M | Dis-Manual 2B – Pretreatment | Z | Chr – Manual chronic |

SNCE (QNCR Measurement/Violation Detection Code) A one-character field that indicates reportable noncompliance (RNC) for a particular measurement or Discharge Monitoring Report (DMR) non-receipt violation SRDC (QNCR Compliance Schedule Violation Resolution Date) The actual date of resolution or reported noncompliance for a particular compliance event.

SNCS (Single Event Violation RNC Detection Code) Indicates reportable noncompliance (RNC) for a particular violation event

SNDC (QNCR Compliance Schedule Violation Detection Date) A six-digit field that indicates the actual date (YYYYMM) of reportable noncompliance (RNC) for a particular compliance schedule violation event.

SNDE (QNCR Measurement/Violation Detection Date) An eight-digit field that indicates the actual date (YYYYMMDD) of reportable noncompliance (RNC) for a particular measurement or Discharge Monitoring Report (DMR) non-receipt violation.

SNDS (Single Event Violation RNC Detection Date) Date of reportable noncompliance (RNC) for a particular violation event.

SRCC (QNCR Compliance Schedule Violation Resolution Code) A one-character code that indicates resolution of reported noncompliance (RNC) for a particular compliance event.

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|---|--------------------------------|
| A | NC-MANUAL UNRESOLVED RNC |
| B | RE-MANUAL BY EPA/STATE ACTION |
| W | NC-WAITING RNC RESOLUTION |
| 1 | NC-UNRESOLVED RNC |
| 2 | RE-BACK INTO COMPLIANCE |
| 3 | RP-DUE TO FORMAL EA |
| 4 | RP-IN COMPLIANCE LAST QTR |
| 5 | RE-RESOLVED RP BY EA W/ CL |
| 6 | RE-MANUAL RES BY EA W/ CL |
| 7 | RP-MANUAL RP-IN COMP W/ADM LMT |
| 8 | RP-MANUAL DUE TO FORMAL EA |
| 9 | RE-MANUAL BY BACK INTO COMPL |

SRCS (Single Event Violation RNC Resolution Code) Code indicates how RNC was resolved.

| | |
|---|--------------------------------|
| A | NC-MANUAL UNRESOLVED RNC |
| B | RE-MANUAL BY EPA/STATE ACTION |
| W | NC-WAITING RNC RESOLUTION |
| 1 | NC-UNRESOLVED RNC |
| 2 | RE-BACK INTO COMPLIANCE |
| 3 | RP-DUE TO FORMAL EA |
| 4 | RP-IN COMPLIANCE LAST QTR |
| 5 | RE-RESOLVED RP BY EA W/ CL |
| 6 | RE-MANUAL RES BY EA W/ CL |
| 7 | RP-MANUAL RP-IN COMP W/ADM LMT |

- 8 RP-MANUAL DUE TO FORMAL EA
- 9 RE-MANUAL BY BACK INTO COMPL

SRDC (Compliance Schedule Violation Resolution Date) A six-digit field that indicates the actual date (YYYYMM) of resolution or reported noncompliance for a particular event.

SRDS (Single Event Violation RNC Resolution Date) The Resolution Date indicates when enforcement action against the facility can be closed (when all compliance schedules have been completed).

SRDE (QNCR Measurement/Violation Resolution Date) An eight-digit field that indicates the actual date of resolution of reportable noncompliance (RNC) for a particular measurement or Discharge Monitoring Report (DMR) non-receipt violation

STATE (Facility State) A two-character field that contains the state postal abbreviation for the state in which the facility where the violation(s) occurred is located

SVCD (Single Event Violation Code) A one-character code that describes both automatically and manually detected violations.

VDCC (Compliance Schedule Violation Data Source Code) A four-character field that indicates the compliance schedule data source code of the event being violated.

VCSN (Compliance Schedule Violation Compliance Schedule Number) A two-character field that displays the compliance schedule number of the compliance schedule event being violated.

VDT (Single Event Violation Date) If the facility is identified as being in violation of CWA requirements not related to their established permit requirements or a compliance schedule, these violations are presented in the section titled Single Event Violations. This field that is the date the violation occurred or, if unknown, the date the violation was discovered.

VIND (Measurement Violation Indicator) A one-character flag that indicates whether a measurement violation is linked to an enforcement action.

VWCS (Measurement/Violation Percent-Worst Case) A five-digit field that displays the highest Measurement/Violation Percent Concentration percent. This field is determined by comparing the percents reported in the Measurement/Violation Percent Quantity-Average (VQAV), Measurement/Violation Percent Quantity-Maximum (VQMX), Measurement/Violation Percent Concentration-Average (VCAV), Measurement/Violation Percent Concentration-Maximum (VCMX), and Measurement/Violation Percent Concentration-Minimum (VCMN) fields. The field with the highest percent is reported as the Measurement/Violation Percent-Worst Case (VWCS).