ICIS-NPDES Data Elements Included in the ECHO Data Download

The Integrated Data for Enforcement Analysis (IDEA) system incorporates data from the Integrated Compliance Information System National Pollutant Discharge Elimination System (ICIS-NPDES).

**1.1 ICIS-NPDES Description**

ICIS-NPDES 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 (CWA). ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

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, 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-reportableare 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.

ICIS-NPDES records included in the download files are those with any permit status code value for the current permit record. ICIS-NPDES includes the following data types:

* Permit facility data
* Inspection information
* Permit schedule violations
* Effluent violations
* Compliance schedule violations
* Single Event violations
* Enforcement actions

The violation data includes system-generated records. ICIS automatically generates three basic types of violations: schedule violations, effluent violations, and DMR non-receipt violations. For each of these three types of violations, there are one or two automatic processes that serve to generate the violations. For each type, there is a process that runs when certain data related to requirements or permittee performance are entered or edited. For schedule violations and DMR non-receipt violations, there are also processes that run nightly. In addition to these automatically generated violations, users can manually enter single event violations. The table below lists the specific types of violations that may be generated by ICIS or manually entered.

|  |  |  |  |
| --- | --- | --- | --- |
| Code | Violation Type | Description | Generated by |
| D80 | DMR Non- Receipt | Required monitoring DMR value overdue | System |
| D90 | DMR Non- Receipt | Limited value overdue | System |
| E90 | Effluent | Reported DMR value exceeds maximum or average limit value or is below minimum limit value  | System |
| C10 | Schedule | Schedule event reported late | System |
| C20 | Schedule | Schedule event achieved late but reported | System |
| C30 | Schedule | Schedule event unachieved but reported | System |
| C40 | Schedule | Schedule unachieved and not reported | System |
| Various | Single Event | Any manually determined violation | User |

Limited enforcement action data are provided from ICIS FE&C where a NPDES program interest linkage exists. More detailed information about linked enforcement actions can be obtained from the ICIS FE&C download files, by using the Enforcement Action Identifier (ENF\_IDENTIFIER).

Only certain data elements from ICIS-NPDES 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 available definitions. The data element table in Section 1.2 presents the ICIS-NPDES data elements in related groups that parallel the data’s relationships.

For a number of elements, primarily those with only two value options, *e.g*., yes (Y) or no (N), or major (M) or non-major (N), the IDEA version of ICIS-NPDES only stores one value, to conserve storage space and accelerate indexed querying. These element values are specifically qualified in the following definitions.

There are two sets of download data. One zip file contains a single comma-separated value file for Effluent Violations (NPDES\_EFF\_VIOLATIONS.csv); the other zip file contains 10 comma-separated value files. Data were selected based on a single criterion: that the ICIS-NPDES Permit Status (PERMIT\_STATUS) for the current permit version is equal to any non-null value. The files may contain repeating data fields, which will cause records to repeat the key field(s), *e.g*. NPDES\_ID, where a permit has multiple values of the repeating field(s).

## 1.2 ICIS-NPDES DATA ELEMENTS BY TABLE

| **Element Name** | **Data Type** | **Length** |
| --- | --- | --- |
| **FACILITY (ICIS\_FACILITIES.csv)** |
| ICIS\_FACILITY\_INTEREST\_ID | Num | 22 |
| NPDES\_ID | Char | 30 |
| FACILITY\_UIN | Char | 12 |
| FACILITY\_TYPE\_CODE | Char | 3 |
| FACILITY\_NAME | Char | 80 |
| LOCATION\_ADDRESS | Char | 50 |
| SUPPLEMENTAL\_ADDRESS\_TEXT | Char | 50 |
| CITY | Char | 60 |
| COUNTY\_CODE | Char | 5 |
| STATE\_CODE | Char | 2 |
| ZIP | Char | 14 |
| GEOCODE\_LATITUDE | Char | 10 |
| GEOCODE\_LONGITUDE | Char | 11 |
| IMPAIRED\_WATERS | Char | 20 |
| **PERMIT (ICIS\_PERMITS.csv)** |
| ACTIVITY\_ID | Num | 22 |
| EXTERNAL\_PERMIT\_NMBR | Char | 9 |
| VERSION\_NMBR | Num | 22 |
| FACILITY\_TYPE\_INDICATOR | Char | 10 |
| PERMIT\_TYPE\_CODE | Char | 3 |
| MAJOR\_MINOR\_STATUS\_FLAG | Char | 1 |
| PERMIT\_STATUS\_CODE | Char | 3 |
| TOTAL\_DESIGN\_FLOW\_NMBR | Num | 22 |
| ACTUAL\_AVERAGE\_FLOW\_NMBR | Num | 22 |
| STATE\_WATER\_BODY | Char | 12 |
| STATE\_WATER\_BODY\_NAME | Char | 50 |
| PERMIT\_NAME | Char | 120 |
| AGENCY\_TYPE\_CODE | Char | 3 |
| ORIGINAL\_ISSUE\_DATE | Date | 7 |
| ISSUE\_DATE | Date | 7 |
| ISSUING\_AGENCY | Char | 100 |
| EFFECTIVE\_DATE | Date | 7 |
| EXPIRATION\_DATE | Date | 7 |
| RETIREMENT\_DATE | Date | 7 |
| TERMINATION\_DATE | Date | 7 |
| PERMIT\_COMP\_STATUS\_FLAG | Char | 1 |
| DMR\_NON\_RECEIPT\_FLAG | Char | 1 |
| RNC\_TRACKING\_FLAG | Char | 1 |
| MASTER\_EXTERNAL\_PERMIT\_NMBR | Char | 9 |
| TMDL\_INTERFACE\_FLAG | Char | 1 |
| **NAICS CODE (NPDES\_NAICS.csv)** |
| NPDES\_ID | Char | 30 |
| NAICS\_CODE | Char | 6 |
| NAICS\_DESC | Char | 100 |
| PRIMARY\_INDICATOR\_FLAG | Char | 1 |
| **SIC CODE (NPDES\_SICS.csv)** |
| NPDES\_ID | Char | 30 |
| SIC\_CODE | Char | 4 |
| SIC\_DESC | Char | 100 |
| PRIMARY\_INDICATOR\_FLAG | Char | 1 |
| **INSPECTIONS (NPDES\_INSPECTIONS.csv)** |
| REGISTRY\_ID | Char | 36 |
| NPDES\_ID | Char | 30 |
| ACTIVITY\_ID | Num | 22 |
| ACTIVITY\_TYPE\_CODE | Char | 3 |
| COMP\_MONITOR\_TYPE\_CODE | Char | 3 |
| COMP\_MONITOR\_TYPE\_DESC | Char | 100 |
| STATE\_EPA\_FLAG | Char | 1 |
| ACTUAL\_END\_DATE | Date | 7 |
| ACTIVITY\_OUTCOME\_CODE | Num | 22 |
| ACTIVITY\_OUTCOME\_DESC | Char | 100 |
| **QNCR HISTORIC COMPLIANCE (NPDES\_QNCR\_HISTORY.csv)** |
| NPDES\_ID | Char | 9 |
| YEARQTR | Char | 5 |
| HLRNC | Char | 1 |
| NUME90Q | Num | 22 |
| NUMCVDT | Num | 22 |
| NUMSVCD | Num | 22 |
| NUMPSCH | Num | 22 |
| **PERMIT SCHEDULE VIOLATIONS (NPDES\_PS\_VIOLATIONS.csv)** |
| NPDES\_ID | Char | 30 |
| NPDES\_VIOLATION\_ID | Num | 22 |
| PERM\_SCHEDULE\_EVENT\_ID | Num | 22 |
| VIOLATION\_TYPE\_CODE | Char | 6 |
| VIOLATION\_TYPE\_DESC | Char | 100 |
| VIOLATION\_CODE | Char | 5 |
| VIOLATION\_DESC | Char | 100 |
| SCHEDULE\_EVENT\_CODE | Char | 5 |
| SCHEDULE\_EVENT\_DESC | Char | 100 |
| SCHEDULE\_DATE | Date | 7 |
| RNC\_DETECTION\_CODE | Char | 3 |
| RNC\_DETECTION\_DESC | Char | 100 |
| RNC\_DETECTION\_DATE | Date | 7 |
| RNC\_RESOLUTION\_CODE | Char | 3 |
| RNC\_RESOLUTION\_DESC | Char | 100 |
| RNC\_RESOLUTION\_DATE | Date | 7 |
| **COMPLIANCE SCHEDULE VIOLATIONS (NPDES\_CS\_VIOLATIONS.csv)** |
| NPDES\_ID | Char | 30 |
| NPDES\_VIOLATION\_ID | Num | 22 |
| VIOLATION\_TYPE\_CODE | Char | 6 |
| VIOLATION\_TYPE\_DESC | Char | 100 |
| COMP\_SCHEDULE\_EVENT\_ID | Num | 22 |
| COMP\_SCHEDULE\_NMBR | Num | 22 |
| VIOLATION\_CODE | Char | 5 |
| VIOLATION\_DESC | Char | 100 |
| SCHEDULE\_EVENT\_CODE | Char | 5 |
| SCHEDULE\_EVENT\_DESC | Char | 100 |
| SCHEDULE\_DATE | Date | 7 |
| ACTUAL\_DATE | Date | 7 |
| RNC\_DETECTION\_CODE | Char | 3 |
| RNC\_DETECTION\_DESC | Char | 100 |
| RNC\_DETECTION\_DATE | Date | 7 |
| RNC\_RESOLUTION\_CODE | Char | 3 |
| RNC\_RESOLUTION\_DESC | Char | 100 |
| RNC\_RESOLUTION\_DATE | Date | 7 |
| **SINGLE EVENT VIOLATIONS (NPDES\_SE\_VIOLATIONS.csv)** |
| NPDES\_ID | Char | 9 |
| NPDES\_VIOLATION\_ID | Num | 22 |
| VIOLATION\_TYPE\_CODE | Char | 6 |
| VIOLATION\_CODE | Char | 5 |
| VIOLATION\_DESC | Char | 100 |
| SINGLE\_EVENT\_VIOLATION\_DATE | Date | 7 |
| SINGLE\_EVENT\_BEGIN\_DATE | Date | 7 |
| SINGLE\_EVENT\_END\_DATE | Date | 7 |
| SINGLE\_EVENT\_VIOLATION\_COMMENT | Char | 4000 |
| SINGLE\_EVENT\_AGENCY\_TYPE\_CODE | Char | 3 |
| RNC\_DETECTION\_CODE | Char | 3 |
| RNC\_DETECTION\_DESC | Char | 100 |
| RNC\_DETECTION\_DATE | Date | 7 |
| RNC\_RESOLUTION\_CODE | Char | 3 |
| RNC\_RESOLUTION\_DESC | Char | 100 |
| RNC\_RESOLUTION\_DATE | Date | 7 |
| **CWA ENFORCEMENT ACTIONS (NPDES\_FORMAL\_ENFORCEMENT\_ACTIONS.csv)** |
| NPDES\_ID | Char | 30 |
| ENF\_IDENTIFIER | Char | 20 |
| ACTIVITY\_ID | Num | 22 |
| ACTIVITY\_TYPE\_CODE | Char | 3 |
| ENF\_TYPE\_CODE | Char | 7 |
| ENF\_TYPE\_DESC | Char | 100 |
| AGENCY | Char | 5 |
| SETTLEMENT\_ENTERED\_DATE | Date | 7 |
| FED\_PENALTY\_ASSESSED\_AMT | Num | 22 |
| STATE\_LOCAL\_PENALTY\_AMT | Num | 22 |
| **EFFLUENT VIOLATIONS (NPDES\_EFF\_VIOLATIONS.csv)** |
| NPDES\_ID | Char | 9 |
| VERSION\_NMBR | Num | 22 |
| ACTIVITY\_ID | Num | 22 |
| NPDES\_VIOLATION\_ID | Num | 22 |
| PERM\_FEATURE\_NMBR | Char | 4 |
| PERMIT\_ACTIVITY\_ID | Num | 22 |
| DMR\_FORM\_VALUE\_ID | Num | 22 |
| DMR\_VALUE\_NMBR | Num | 22 |
| DMR\_VALUE\_ID | Num | 22 |
| DMR\_PARAMETER\_ID | Num | 22 |
| NODI\_CODE | Char | 3 |
| ADJUSTED\_DMR\_VALUE\_NMBR | Num | 22 |
| VIOLATION\_TYPE\_CODE | Char | 6 |
| VIOLATION\_TYPE\_DESC | Char | 100 |
| VIOLATION\_CODE | Char | 5 |
| VIOLATION\_DESC | Char | 100 |
| PARAMETER\_CODE | Char | 5 |
| PARAMETER\_DESC | Char | 100 |
| MONITORING\_PERIOD\_END\_DATE | Date | 7 |
| EXCEEDENCE\_PCT | Num | 22 |
| VALUE\_QUALIFIER\_CODE | Char | 3 |
| UNIT\_CODE | Char | 2 |
| VALUE\_RECEIVED\_DATE | Date | 7 |
| DAYS\_LATE | Num | 22 |
| ADJUSTED\_DMR\_STANDARD\_UNITS | Num | 22 |
| LIMIT\_ID | Num | 22 |
| DMR\_VALUE\_STANDARD\_UNITS | Num | 22 |
| VALUE\_TYPE\_CODE | Char | 3 |
| RNC\_DETECTION\_CODE | Char | 3 |
| RNC\_DETECTION\_DESC | Char | 100 |
| RNC\_DETECTION\_DATE | Date | 7 |
| RNC\_RESOLUTION\_CODE | Char | 3 |
| RNC\_RESOLUTION\_DESC | Char | 100 |
| RNC\_RESOLUTION\_DATE | Date | 7 |
| STATISTICAL\_BASE\_CODE | Char | 3 |
| STATISTICAL\_BASE\_MONTHLY\_AVG | Char | 1 |
| NPDES\_ID | Char | 9 |
| VERSION\_NMBR | Num | 22 |
| ACTIVITY\_ID | Num | 22 |
| NPDES\_VIOLATION\_ID | Num | 22 |
| PERM\_FEATURE\_NMBR | Char | 4 |
| PERMIT\_ACTIVITY\_ID | Num | 22 |
| DMR\_FORM\_VALUE\_ID | Num | 22 |
| DMR\_VALUE\_NMBR | Num | 22 |
| DMR\_VALUE\_ID | Num | 22 |
| DMR\_PARAMETER\_ID | Num | 22 |

# 2.0 ICIS-NPDES Data Element Definitions

The following is a list of the data elements and ICIS-derived elements that appear in the IDEA ICIS-NPDES download.

**ACTIVITY\_ID** - The unique identifier for an activity performed at or related to a particular site.

**ACTIVITY\_TYPE\_CODE**  - A code describing the type of enforcement activity.

Valid values are:

|  |  |
| --- | --- |
| **Code** | **Description** |
| AIF | Administrative, Informal |
| AFR | Administrative, Formal |
| JDC | Judicial  |

**ACTIVITY\_OUTCOME\_CODE** - Contains a code describing the outcome of the inspection.

The field CMPMAOC\_ DESC provides the full text description for the code.

**ACTIVITY\_OUTCOME\_DESC** - Full text description for ACTIVITY\_OUTCOME\_CODE.

**ACTUAL\_END\_DATE** - Identifies the calendar date of the listed inspection (MM/DD/YYYY).

**ADJUSTED\_DMR\_STANDARD\_UNITS** -The Adjusted DMR value expressed in standard units as calculated by the system.

**ADJUSTED\_DMR\_VALUE\_NMBR** - The Adjusted DMR value number reported on the DMR if an effluent trade(s) has taken place for a Limit parameter that has at least one effluent trade partner.

**AGENCY** - Identifies the agency lead (S = State, E = EPA) for the listed

enforcement action.

**AGENCY\_TYPE\_CODE** - A three character code indicating the type of organization issuing or granting a permit. Valid code values are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Description** | **Code** | **Description** |
| ST6 | State | OF6 | Other Federal |
| MN6 | Municipal | SC6 | State Contractor |
| CT6 | County | SO6 | Other - State |
| RG6 | Regional | TR6 | Tribal |
| EP6 | U.S. EPA | UN6 | Unknown from Conversion |
| EC6 | EPA Contractor | SE6 | SEE Inspector |
| EO6 | Other - EPA | OT6 | Other |
| IN6 | Interstate | CR6 | Contractor |
| LC6 | Local |   |   |

**ACTUAL\_AVERAGE\_FLOW\_NMBR** - The flow that a permitted feature actually had at the time of application., expressed as millions of gallons per day (MGD).

**CITY** - A 60 character field that contains the name of the city in which the facility is located.

**COMP\_MONITOR\_TYPE\_CODE** - Contains a code describing the type of inspection that was conducted.

**COMP\_MONITOR\_TYPE\_DESC** – Full text description of COMP\_MONITOR\_TYPE\_CODE.

**COMP\_SCHEDULE\_EVENT\_ID** (Compliance Schedule Event ID) The unique identifier of the Compliance Schedule Event to which the Violation is associated; it is only used for Schedule Violations of a Final Order.

**COMP\_SCHEDULE\_NMBR** - A 2-digit number which in combination with the Schedule Type and NPDES ID uniquely identifies a Compliance Schedule.

**COUNTY\_CODE** - A five digit field that contains the FIPS county code in which the facility is located, used in conjunction with the facility state code.

**DAYS\_LATE** - The system-generated number of days the DMR value is late.

**DMR\_FORM\_VALUE\_ID** - The sequence ID identifying the DMR Form Value.

**DMR\_NON\_RECEIPT\_FLAG** - The flag indicating whether or not the permit is subject to the DMR run. Value is (Y)es or No (null value).

**DMR\_PARAMETER\_ID** - The system-generated unique identifier for the DMR parameter to which the DMR value belongs.

**DMR\_VALUE\_ID** – The system-generated unique identifier for the DMR value.

**DMR\_VALUE\_NMBR** - The DMR value number reported on the DMR form.

**DMR\_VALUE\_STANDARD\_UNITS** –The DMR value expressed in standard units as calculated by the system.

**EDMR\_AUTHORIZATION\_FLAG** - This indicates whether DMRs for the Permit may be submitted electronically.

**ENF\_IDENTIFIER**  - The unique identifying number of the Enforcement Action as referred to by the Court where the action was filed; the Enforcement Action Identifier. This element is commonly referred to as the case number.

**EFFECTIVE\_DATE** - The date the permit became effective or is scheduled to become effective (MM/DD/YYYY).

**ENF\_TYPE\_CODE** - A code describing which enforcement action was taken in response to a violation.

**ENF\_TYPE\_DESC** - A text description of the ENF\_TYPE\_CODEvalue.

**EXCEEDENCE\_PCT** - The system-generated percent by which the DMR value (or Adjusted Value) exceeded its Limit (or stay) value.

**EXPIRATION\_DATE** - The date the permit expired or is scheduled to expire (MM/DD/YYYY).

**FACILITY\_NAME** - An 80-character field that contains the name of the facility.

**FACILITY\_UIN** - The number assigned by the Facility Registry System (FRS) that is used to associate facility records from multiple environmental database systems that are known or believed to represent the same facility.

**FACILITY\_TYPE\_INDICATOR** - A 10-character code indicating the facility as either a POTW, non-POTW, or federal entity.

**FED\_PENALTY\_ASSESSED\_AMT** - The dollar amount of federal civil penalties assessed or agreed to at a formal enforcement action. Where the enforcement case results in multiple settlements, this represents the sum of penalty amounts for all of the settlements.

**GEOCODE\_LATITUDE**  - The latitude of the facility or permit holder as maintained in each data system. The FRS lat/long is from the EPA Locational Reference Tables (LRT) file which represents the "best" value for the latitude and longitude coordinates.

**GEOCODE\_LONGITUDE**  - The longitude of the facility or permit holder as maintained in each data system. The FRS lat/long is from the EPA Locational Reference Tables (LRT) file.

**HLRNC** (Historic Noncompliance) An historic tracking of the latest reported QNCR value (LRNC) at the end of a quarter. LRNC is a reconciliation of the current quarter automatic and manual QNCR values. The Historic Noncompliance field is derived by IDEA and corresponds to the quarter indicated by HQRTR. Valid code values are:

|  |  |  |
| --- | --- | --- |
| **Code** | **Short Description** | **Long Description** |
| C | COMPLIANT  | Not considered in RNC/SNC based on manual review of data by state or EPA region. |
| D | NC-SNC DMR NON-RECPT  | SNC/Category I - reporting violation - non-receipt of DMR  |
| E | NC-SNC EFFLUENT VIOL  | SNC/Category I - effluent violations of monthly average limits (Technical Review Criteria and chronic)  |
| N | NC-RNC VIOLTNS ONLY  | RNC/Category II - reportable non-compliance |
| P | RESOLVED PENDING  | Resolved Pending - an enforcement action has been issued, and facility compliance with the action is pending final completion |
| Q | RESOLVED PENDING - CS | Resolved Pending - Compliance Schedule (manual only) |
| R | RESOLVED  | Resolved - the facility has returned to compliance with its permit conditions, either with or without issuance of an enforcement action |
| S | NC-SNC COMP SCHD VIO  | SNC/Category I - an enforcement action has been issued, and the facility is not meeting its compliance schedule  |
| T | NC-SNC COMP SCHD RPT  | SNC/Category I - compliance schedule reporting violation  |
| U | UNDETERMINED | Undetermined QNCR Status - insufficient data, or permitee is a minor discharger not subject to mandatory reporting |
| X | NC-SNC EF NONMNTH AV  | SNC/Category I - effluent violations of non-monthly average limits (Technical Review Criteria and chronic)  |

**ICIS\_FACILITY\_INTEREST\_ID** -The system-generated unique ID for identifying the facility interest.

**IMPAIRED\_WATERS** - A single digit value indicating that the facility is discharging into a water that has been identified as impaired (category 4 or category 5) in the Watershed Assessment, Tracking & Environmental ResultS (WATERS) database (http://www.epa.gov/waters/about/index.html). Valid values are:

|  |  |
| --- | --- |
| **Code** | **Description** |
| 4 | 4. Impaired - Total maximum daily load (TMDL) not needed. Available information indicates that at least one designated use is not being supported, but a TMDL is not needed |
| 5 | Impaired - TMDL needed. Available information indicates that at least one designated use is not being supported and a TMDL is needed (also known as the 303(d) listed waters) |

**ISSUE\_DATE** -The date the permit was issued (MM/DD/YYYY).

**ISSUING\_AGENCY** – This is the name of the organization issuing or granting a permit.

**LIMIT\_ID** -The unique identifier for a limit parameter record.

**LOCATION\_ADDRESS** - A 50-character field that contains the street address of the facility.

**MAJOR\_MINOR\_STATUS\_FLAG** – A 1-character code that designates the facility as a major (M) or minor (null value) discharger.

**MASTER\_EXTERNAL\_PERMIT\_NMBR - This is the unique identifier for the Master General Permit for a General Permit Covered Facility.**

**MONITORING\_PERIOD\_END\_DATE** - The date that the monitoring period for the values covered by this DMR Form ends (YYYYMMDD).

**NAICS\_CODE** - The 6-digit North American Industry Classification System (NAICS) code that represents a subdivision of an industry that accommodates user needs in the United States. For detailed information about NAICS and for a crosswalk between NAICS and SIC codes, please check the U.S. Census Bureau.

**NAICS\_DESC** - The corresponding description of North American Industry Classification System (NAICS) code.

**NPDES\_ID** - 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

**NUMCVDT** (Number of Compliance Schedule Violations in Quarter) A count of the number of compliance schedule violations reported in the quarter, defined by YEARQTR.

**NUME90Q** (Number of E90 Violations in Quarter) A count of the number of effluent violations (E90) reported in the quarter, defined by YEARQTR.

**NUMPSCH** (Number of Permit Schedule Violations in Quarter) A count of the number of permit schedule violations reported in the quarter, defined by YEARQTR.

**NUMSVCD** (Number of Single Event Violations in Quarter) A count of the number of single event violations reported in the quarter, defined by PRHQRTR.

**PARAMETER\_CODE** - The unique code identifying the parameter being reported on the DMR.

**PARAMETER\_DESC** – Text description of the code value PARAMETER\_CODE.

**PERM\_FEATURE\_NMBR** - The identifier assigned for each location at which permit conditions are being applied.

**PERM\_SCHEDULE\_EVENT\_ID** - The unique identifier of the Permit Schedule Event to which the Violation is associated; it is only used for Schedule Violations of a Permit.

**PERMIT\_COMP\_STATUS\_FLAG** - This is a code that indicates whether the permit is currently on or off for compliance tracking purposes. Value is (Y)es or No (null value).

**PERMIT\_NAME** - This is the name of the Master General Permit.

**PERMIT\_STATUS\_CODE** - ICIS-NPDES designates a permit as Effective (EFF), Administratively Continued (ADC), Expired (EXP), Not Needed (NON), Pending (PND), Retired (RET), or Terminated (TRM).

**PERMIT\_TYPE\_CODE** - The unique code identifying the type of permit.

Valid code values are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Description** | **Code** | **Description** |
| NPD | NPDES Individual Permit | IIU | Individual IU Permit (Non-NPDES) |
| NGP | NPDES Master General Permit | SIN | Individual State Issued Permit (Non-NPDES) |
| GPC | General Permit Covered Facility | APR | Associated Permit Record |
| SNN | State Issued Master General Permit (Non-NPDES) | UFT | Unpermitted Facility |

 **PERMIT\_TYPE\_DESC** – Text description for PERMIT\_TYPE\_CODE.

**PRETREATMENT\_INDICATOR\_CODE** - A 1-character code which indicates if the permitted municipality is required to develop a pretreatment program. Valid code values are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Description** | **Code** | **Description** |
| C | Covered  | S | State  |
| E | EPA  | Y | Approved  |
| R | Required and Developing |   |   |

**PRIMARY\_INDICATOR\_FLAG** - The flag indicating whether the NAICS or SIC code is the primary code for the Facility. Value is (Y)es or No (null value).

**RETIREMENT\_DATE -** The date the permit was retired (YYYYMMDD).

**RNC\_DETECTION\_DATE**  - The date associated with RNC\_DETECTION\_CODE(MM/DD/YYYY).

**RNC\_DETECTION\_CODE** - Indicates reportable noncompliance (RNC) for a particular violation event. Valid code values are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Description** | **Code** | **Description** |
| A | Enforcement Order  | P | Enforcement Order, Non-Monthly Average  |
| B | Manual 2A4 - Pass-Through  | Q | Manual 2B - Pretreatment  |
| C | Chronic Violation  | R | TRC Limitations Exceeded, Non-Monthly Average |
| D | Manual Other  | S | Schedule Violation  |
| E | Manual 2F - Permit Narrative  | T | TRC Limitations Exceeded  |
| F | Manual 2G - Violation of Concern  | U | Other Violation with TRC Non-Monthly Average  |
| G | Manual 2A1 - Effluent Violation  | V | Other Violation with TRC  |
| H | Chronic Violation, Non-Monthly Average  | W | Manual 2E - Deficient Report  |
| I | Manual 2A2 - Unauthorized Bypass  | X | Manual Other Violation with TRC |
| J | Manual 2A3 - Unpermitted Discharge  | Y | Manual TRC  |
| K | Non-receipt Violation, Non-Monthly Average  | Z | Manual Chronic  |
| N | Non-Receipt of DMR/Schedule Report  |   |

**RNC\_DETECTION\_DESC** - Text description of the code value RNC\_DETECTION\_CODE.

**RNC\_RESOLUTION\_DATE** - The date associated with VIORNRC (MM/DD/YYYY).

**RNC\_RESOLUTION\_CODE** - A code indicating how RNC was resolved for a particular violation. Valid code values are:

|  |  |
| --- | --- |
| **Code** | **Description** |
| A | NC - Manual Unresolved RNC  |
| B | RE - Manual by EPA/State/Tribal Action  |
| 1 | NC - Unresolved RNC  |
| 2 | RE - Back into Compliance  |
| 3 | RP - Due to Formal Enforcement Action Final Order with Compliance Schedule  |
| 4 | RP - In Compliance with Formal Enforcement Action Final Order Requirement  |
| 5 | RE - Resolved RP by NPDES Closure of Enforcement Action Final Order with Compliance Schedule |
| 6 | RE - Manual Resolution by Enforcement Action  |
| 7 | RP - Manual RP - In Compliance with Formal Enforcement Action Order Requirement  |
| 8 | RP - Manual Due to Formal Enforcement Action Formal Order  |
| 9 | RE - Manual by Back into Compliance  |

**RNC\_RESOLUTION\_DESC** - Text description of the code value RNC\_RESOLUTION\_CODE.

**RNC\_TRACKING\_FLAG** - The flag indicating if the RNC tracking is on. Value is (Y)es or No (null value).

**SCHEDULE\_DATE** - The date the event is scheduled to be completed (i.e., the due date).

**SCHEDULE\_EVENT\_DESC** - Text description of the code value for SCHEDULE\_EVENT\_CODE**.**

**SCHEDULE\_EVENT\_CODE** - The code indicating the particular event with which the permittee is scheduled to comply.

**SCHEDULE\_EVENT\_DESC** – Text description of the code value SCHEDULE\_EVENT\_CODE.

**SETTLEMENT\_ENTERED\_DATE** - The date of the enforcement action (MM/DD/YYYY). Where multiple settlements are associated with a single enforcement action, this represents the earliest date entered.

**SIC\_CODE** - The 4-digit Standard Industrial Classification (SIC) code that represents the economic activity of a company.

**SIC\_DESC** - The corresponding description of the Standard Industrial Classification (SIC) code

**SINGLE\_EVENT\_VIOLATION\_DATE**  - The date of a single event violation (MM/DD/YYYY).

**STATE\_CODE** - A two-character field that contains the state postal abbreviation for the state in which the facility is located.

**STATE\_EPA\_FLAG** - Identifies the agency lead (S = State, E = EPA) for the listed

inspection

**STATE\_LOCAL\_PENALTY\_AMT** - The dollar amount of state or local civil penalties assessed or agreed to at a formal enforcement action. Where the enforcement case results in multiple settlements, this represents the sum of penalty amounts for all of the settlements.

**STATE\_WATER\_BODY** - The state’s code to identify the water body into which the effluent is discharged for a Permitted Feature.

**STATE\_WATER\_BODY\_NAME** - The state’s name for the water body into which the effluent is discharged for a Permitted Feature.

**STATISTICAL\_BASE\_CODE** – The code that defines the statistical analysis to be used for the limit value.

**STATISTICAL\_BASE\_MONTHLY\_AVG** –The data element indicating whether the statistical base code is a monthly average, non-monthly average, or neither for purposes of calculating RNC.

**SUPPLEMENTAL\_ADDRESS\_TEXT** - The name of the supplemental location for the facility.

**TERMINATION\_DATE** - The date the permit was terminated (MM/DD/YYYY).

**TMDL\_INTERFACE\_FLAG** - This field indicates whether a Permit has received TMDL information.

**UNIT\_CODE** -The code representing the unit of measure applicable to quantity or concentration limits and measurements as entered by the user on the DMR form.

**TOTAL\_DESIGN\_FLOW\_NMBR** - This is the flow that a permitted facility was designed to accommodate, expressed as millions of gallons per day (MGD).

**VALUE\_QUALIFIER\_CODE** – VALUE\_QUALIFIER\_CODE The direction of the value when an alternate limit value is possible. Values may include less than, greater than, and too numerous, which are currently entered in the DMR value columns.

**VALUE\_RECEIVED\_DATE** -The date the DMR value was received by the regulatory authority.

**VERSION\_NMBR**  - The version of the permit when a modification or reissuance is applied to the permit.

**VIOLATION\_CODE** - Violation code describing both automatically and manually detected violations.

**VIOLATION\_DESC** - Text description of the code value for VIOLATION\_CODE.

**VIOLATION\_TYPE\_CODE**  - A derived code to differentiate violation records.

Valid code values are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Description** | **Code** | **Description** |
| C | Compliance Schedule Violation | P | Permit Schedule Violation  |
| D | DMR Violation | S | Single Event Violation |

**VIOLATION\_TYPE\_DESC** – Text description of the code value VIOLATION\_TYPE\_CODE.

**VALUE\_TYPE\_CODE** - The indication of the limit value type (*e.g*., Quantity 1,

Concentration 2). Valid code values are:

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Description** | **Code** | **Description** |
| Q1 | Quantity1 | C1 | Concentration1 |
| Q2 | Quantity2 | C2 | Concentration2 |
|  | C3 | Concentration3 |

 **YEARQTR** (Historic Noncompliance Quarter) Indicates the fiscal year (Oct. – Sept.) and quarter that a value for HLRNC was recorded. The format is YYYYQ, where Q = 1 – 4.

**ZIP** -A 9-character field that contains the U.S. Postal Zone Improvement Plan (ZIP) code for the area in which the facility is located.