**COMMONWEALTH OF PENNSYLVANIA**
**Department of Environmental Protection**
**Bureau of Water Standards and Facility Regulation**

**Use of NODI Codes in eDMR**

Background

Discharge Monitoring Report (DMR) data for a subset of NPDES-permitted facilities have historically been manually entered by PADEP staff into an EPA database known as the Integrated Compliance Information System (ICIS). In the near future, PADEP will be uploading eDMR data directly into ICIS, eliminating the manual entry by PADEP staff.

ICIS requires the entry of "NODI Codes" (No Data Indicator Codes) for any data that are not reported. NODI Codes specify the reason that no data are reported for an entire discharge point (outfall), specific parameters, or specific limits (average monthly, maximum daily, etc.). If data are not reported on a paper DMR, PADEP staff utilize explanations from the facility typically contained in a cover letter or in the Comments Section of the DMR to decide the proper NODI Code to enter into ICIS.

Since PADEP staff will no longer be entering DMR data into ICIS for facilities participating in eDMR, *there is a need for eDMR users to enter these NODI Codes into the eDMR system to ensure these are exported to ICIS*. **You should immediately begin entering NODI codes where appropriate into eDMR**. It is expected that use of these codes will be infrequent.

NODI Codes

The table below identifies all NODI Codes that are recognized by PADEP's eDMR system ("eDMR NODI Codes"), a description of each NODI Code, whether or not use of the NODI Code will result in a violation within ICIS (Major facilities only), and when the codes should be used.

| eDMR NODI Codes | Description | Violation in ICIS? | Use When: |
|---|---|---|---|
| A | General Permit Exemption | No | You have a General Permit and are exempted from monitoring (not normally used). |
| E | No Sample Collected or No Analysis Conducted | Yes | All samples or results were not available due to analytical equipment failure or because sample collection was overlooked or samples could not be collected for a parameter during the reporting period. See Note. |
| FF | Other (See Comments) | Yes | If there is any reason for the absence of data that is not covered by one of the approved codes in this document. You must add an explanation in the General Report Comments and Explanation box of eDMR. |
| GG | Conditional Monitoring – Not Required | No | If your permit requires sample collection and analysis only under certain conditions and those conditions were not met during the reporting period. |

**Note**: If at least one sample or result is available, report the value(s) and actual sampling frequency and include an explanation of missing samples or data in the Comments Section of eDMR or as a separate electronic attachment.

These codes can be found by clicking on the "(Show/Hide Permissive Value)" link on the bottom left side of the data entry screen:

(Show/Hide Copy and Paste)

(Show/Hide Permissive Value)

| Permissive Value | Description |
|---|---|
| A | General Permit Exemption |
| E | Analysis Not Conducted/No Sample |
| FF | Other (See Comments) |
| GG | Conditional Monitoring - Not Required |
| 1 | |

(Show/Hide Stage Code)

Where to Enter NODI Codes

If data are not available for specific parameters, enter the appropriate NODI Code into the value field(s).

Parameter: COLIFORM, FECAL GENERAL (Stage Code: 1)

**Quantity or Loading**

|  | Average | Maximum | Unit |
|---|---|---|---|
| Reporting Data: | ***** | ***** | |
| Permit Requirement: | ***** | ***** | |
| Comment: | | | |

**Value Field**

**Concentration**

|  | Minimum | Average | Maximum | Unit |
|---|---|---|---|---|
| Reporting Data: | ***** | | ***** | CFU/100 mL |
| Permit Requirement: | ***** | 200 (Geometric Mean) | ***** | CFU/100 mL |
| Comment: | | | | |

**Monitoring/Analysis Information**

|  | Sample Type | Frequency of Analysis | Excursion No. |
|---|---|---|---|
| Reporting Data: | Grab | 2X Weekly | |
| Permit Requirement: | Grab | 2X Weekly | |
| Comment: | | | |

**Save Change**   **Next Parameter**

If there is **no discharge** from an outfall for the **entire reporting period**, click on the check box next to No Discharge (in the upper left corner of the eDMR form). No further action is necessary.

Monitoring Point: 001  ☐ No Discharge

<u>Examples</u>

1.  A facility is required to monitor Total Suspended Solids (TSS) once per week and report average monthly and maximum daily concentrations.  Samples were collected and analyzed the first three weeks of the month but for the fourth week, the laboratory reports that the sample was lost and therefore could not be analyzed.  The first three sample results were 5 mg/l, 6 mg/l and 7 mg/l.  How should eDMR be coded?

    **Enter "6" for the average monthly concentration and "7" for the maximum daily concentration. Enter an explanation of the missing sample result in the Comment box below Frequency of Analysis and/or in the General Report Comments and Explanation box.**

2.  A permit includes a monthly grab sample monitoring requirement for temperature of non-contact cooling water (maximum daily).  The cooling water is produced only when certain equipment is used within the plant, and the equipment is infrequently used.  The equipment operator normally informs you when the equipment is in use, but this month both of you forgot about the monitoring requirement.

    **Enter "E" into the value field for maximum daily.  Enter an explanation of the missing data in the Comment box below Frequency of Analysis and/or in the General Report Comments and Explanation box.   Note that this is considered a violation of the permit.**

3.  A facility is required to monitor pH (minimum and maximum) and Dissolved Oxygen (DO) (minimum) daily, and TSS (average monthly and maximum daily) weekly.  All required samples were collected during the first week of the month.  However, there was an unexpected shutdown of the plant that lasted throughout the remainder of the month.  How should eDMR be coded?

    **Enter the minimum and maximum pH values and the minimum DO concentration for week 1 into eDMR, and enter the single result for TSS in the average monthly and maximum daily value fields.  Include an explanation of the missing sample results in the General Report Comments and Explanation box.**