```
03/14/89          **** PCS Inquiry - Command Mode ****

          ****************************************
          *                                      *
          *     *
          *     PROCESSING YOUR INQUIRY REQUEST  *
          *     *
          *                                      *
          ****************************************

Cmd: _
```

Figure 3-47. COMMAND Mode Selection Screen

While this screen is displayed, there is nothing to do until it has finished processing the report. If there was a mistake made, there is nothing to be done about it until the report is displayed on the screen, so be careful and look at your Inquiry statements carefully before pressing <CR>.

The advantage of using Inquiry is that it can process a report in a matter of a few minutes. For this reason, Inquiry is intended to be used to view a small amount of data in a short amount of time. If you find that Inquiry is taking more than 5 to 10 minutes to process a report, use a Generalized Retrieval to extract the data.

When it has finished processing, your report will be displayed:

NPID	FNMS	MADI	FTYP	PERD	PERE
SC0034291			I	02/23/88	03/31/93
SC0037435	ADMIRAL/DIV OF MAGIC CHEF INC		I	01/09/87	01/31/92
SC0040045	AMOCO FOAM PRODUCTS CO		I	06/23/87	07/31/92
SC0027529	AUGUSTA SAND & GRAVEL COMPANY		I	08/29/86	09/30/91
SC0041769	AUGUSTA SAND & GRAVEL/BEECH IS		I	11/06/87	11/30/92
SC0032671	Brooklnd Plantatn Home for Boy		I	03/02/87	03/31/92
SC0029751	CANNON DOVA APTS/R C R INC		I	01/13/88	01/31/93
SC0034908	CAROLINA CAR WASH		I	07/06/83	07/31/88
SC0038351	CAROLINA METALS INC		I	01/19/88	02/28/92
SC0003891	CYPRUS INDUSTRIAL MINERALS CO		I	06/15/81	08/01/86
SC0038903	DIXIE CLAY COMPANY		I	10/26/83	11/30/88
SC0040592	DUCANE COMPANY		I	07/31/86	08/31/91
SC0040185	EDISTO HIGH SCHOOL		I	04/14/86	04/30/91
SC0003531	GREENWOOD MILLS/EDISTO PLANT	M	I	10/13/86	10/31/91
SC0001163	GREENWOOD MILLS/LINER PLT #1	M	I	10/13/86	10/31/91
SC0033723	HUNTER-KINARD-TYLER HS		I	06/15/88	06/30/93
SC0022675	J M HUBER COPR/LANGLEY PLT		I	08/29/86	09/30/91
SC0029289	SC HWY DEPT/REST AREA I-26 EA		I	04/14/87	04/30/92
SC0040444	SEABOARD RR/JACKSON GROUNC WTR		I	01/24/86	02/28/91
SC0032387	T E WANNAMAKER SD		I	10/31/77	11/30/82
SC0028240	T R FREEMAN CAR WASH		I	01/19/88	02/28/93
SC0034894	TODDS CAR WASH		I	04/04/84	04/30/89
SC0025941	UTICA TOOL COMPANY INC		I	03/30/89	04/30/94
SC0000221	WHITLOCK COMBING COMPANY	M	I	11/24/86	12/31/91
SC0042595	BAMBERG BOARD OF PUBLIC WORKS	M		09/12/88	09/30/93
SC0025143	BARNWELL CITY OF	M	M	05/09/89	05/31/94
SC0040037	BOWMAN,TOWN OF		M	05/14/86	05/31/91
SC0021113	BRANCHVILLE TOWN OF		M	12/19/84	01/31/90
SC0040215	DENMARK CITY OF		M	09/30/85	10/31/90
SC0030368	N AUGUSTA/BELVEDERE TERRACE SD		M	02/13/85	02/28/90
SC0039365	SANTEE PUBLIC SERVICE DISTRICT		M	09/03/85	09/30/90
SC0023272	SPRINGFIELD/PLANT #1		M	06/13/88	06/30/93
SC0023281	SPRINGFIELD/PLANT #2	M		06/13/88	06/30/93
SC0042099	TOWN OF EHRHARDT		M	06/06/88	06/30/93
SC0026204	WAGENER TOWN OF		M	12/02/86	12/31/91

Try the following problems. Feel free to review any of the notes in this handout to help solve the problems.

Problem #1

Find out which South Carolina permits are going to expire in 1st quarter FY93. Display the permit number, facility name, major discharge indicator, permit issuance date and permit expiration date and sort it by major discharge indicator and permit expiration date.

Selection: _____
Selection: _____
Selection: _____
Selection: _____
Selection: _____

Problem #2

For SC0003093, SC0000221 and SC0023272, your boss wants to know which parameters have had numeric violations since January 1, 1992. Display the permit number, monitoring period end date, measurement discharge number, measurement parameter code, and measurement monitoring location. Sort the display by permit number and monitoring period end date.

Selection: _____
Selection: _____
Selection: _____
Selection: _____
Selection: _____

Chapter 4. Generalized Retrievals

Generalized retrievals are batch jobs that process on the IBM at the National Computer Center (NCC) in Raleigh, NC. The job will process and you will receive a print-out of the data requested.

4.1 The 00 Card

To submit a generalized retrieval, you must have certain elements in your retrieval request.

The first thing you must have is a 00 card. The 00 card tells the system; how much time to allow for your job to process, a job identifier, remote number, number of copies, job priority, a syntax check, forms number and number of lines. The format for the 00 card is:

00 SYNTAX = NO JOBID = REGN3 TIME = 1M PRTY = 2 RMT = 255 COPIES = 1 BIN = 005 MSGCLASS = A

Note: There is an additional 00 card used for public access users requesting retrievals. This 00 card is called the account card. It looks like this:

00 ACCTNAME = AAAAPCSYP

SYNTAX Tells the system to check on the retrieval statements. A syntax check will look at your retrieval statements for obvious errors, such as a display line that is too long, or a misspelled acronym, etc. For a syntax check, specify SYNTAX = YES on the 00 card. A syntax check will NOT produce a report. For a report, specify SYNTAX = NO on the 00 card.

JOBID Gives the retrieval a name that prints on the cover page of the retrieval printout. Any name can be used. The name can be one to five characters in length.

TIME Tells the system how much time to allow the system to process the job. This is optional, but if not specified, the system will default to allow only seven seconds and that may not be enough time. Knowing how much time to specify comes from experience. A good rule of thumb is, the lower in the PCS data structure that the data comes from, the more time needed to process the retrieval. For example, if you are asking to see only Facility data for the permits in your state, you will not need more than a minute of time. If you are asking to view all the DMR data for all of your facilities for the past quarter, you may need more than ten minutes of time.

PRTY The priority to be assigned for the retrieval. There are only two priorities used. PRTY = 1 is the lowest priority. Any retrievals with PRTY = 1 will not process until after 5 p.m. Eastern time. Any retrievals with a time of five minutes or more also will not process until after 5 p.m. If you have five minutes or more of time on your retrieval, you should specify PRTY = 1 so that your timesharing cost will be the least. PRTY = 2 is the other priority code which costs more than PRTY = 1, but it allows retrievals to process in the same day, if you have less than five minutes of time specified.

RMT is the remote (or printer) number where the retrieval is to be printed. Remote number 255 is a special number that does not print the retrieval but holds it in an output spooler so you can view it on the screen. To specify a remote number, type RMT = and the number of your remote.

COPIES Allows you to specify the number of copies to be printed when the retrieval finishes processing. If only one copy is required, do not specify this option. The number of copies can be between 1 and 99.

BIN Number tells the computer operator the bin number for the printout when it is printed. In most cases, the bin number is M followed by the user ID. In the example above, D005 is the bin number used at EPA headquarters.

MSGCLASS Specifies the output class to which system messages and JCL statements for the job are to be written. MSGCLASS = A would include the entire JCL for the retrieval, whereas MSGCLASS = Z would include no JCL.

4.2 The 01 Card

The second line of the retrieval request must contain a title for the retrieval. The format for the title card is as follows:

01 03 A TITLE FOR YOUR RETRIEVAL

You can specify up to five title lines for the retrieval. The format for the additional lines is as follows:

```
01 03 A TITLE FOR YOUR RETRIEVAL
02    THE NEXT LINE DOES NOT CONTAIN A REGION CODE
03    NEITHER DOES THE THIRD LINE
04    NOT THIS LINE EITHER
05    NOPE.  NOT ON THIS LINE EITHER
```

The first title card is required. It contains the region number and then the first line of the title. Title cards 02 through 05 are optional.

4.3 The 10 Card

4.3.1 Logical Operators

After the title cards have been entered, the selection statements can be entered. Selection statements are entered on a 10 card in the format:

10 ACRONYM LOGICAL OPERATOR VALUE

The ACRONYM is any valid PCS acronym. The OPERATOR is any logical operator and the VALUE is a value that is related to the acronym specified in the statement. The valid logical operators are:

```
EQ-EQUAL TO
NE-NOT EQUAL TO
AL-ALTERNATE
GT-GREATER THAN
GE-GREATER THAN OR EQUAL TO
LT-LESS THAN
LE-LESS THAN OR EQUAL TO
```

To select all the facilities in Pennsylvania, the selection statement would look like this:

10 STTE EQ PA

As many 10 card selection statements as are required can be entered. A retrieval is allowed to contain up to 99 lines, not including the JCL. Therefore, as many 10 card selection statements as will fit within the 99 lines can be entered.

When entering multiple selection statements, each statement is entered on separate 10 cards. For instance, if you want to look at all majors that are expiring in 3rd quarter FY 1995 in the state of Pennsylvania, the 10 card statements would look like this:

```
10 STTE EQ PA
10 MADI EQ M
10 PERE GE 040195
10 PERE LE 063095
```

If you want to select two or more values for the same acronym, use the logical operator AL instead of EQ. When using EQ, you are telling the system that you want to select an acronym that is Equal To a certain value. If you tell the system to select an acronym Equal To one value and then tell the system to select the same acronym Equal To a different value, it will attempt to find that acronym Equal To two different values in the same permit and that is not possible. Consider this retrieval:

```
00 SYNTAX=NO JOBID=EQUAL TIME=20S PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW NOT TO USE EQ
10 NPID EQ PA0021237
10 NPID EQ PA0021181
20 QL
40 NPID FNMS MADI TYPO SIC2 INCL FTYP
```

This retrieval is asking the system to find the NPDES permit numbers, PA0021237 and PA0021181 for the same facility. You will receive the following message:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=EQUAL TIME=20S PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW NOT TO USE EQ
10 NPID EQ PA0021237
10 NPID EQ PA0021181
20 QL
40 NPID FNMS MADI TYPO SIC2 INCL FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED
```

THERE WERE NO NPDES QUALIFYING FOR THE SELECTION CRITERIA

The system is saying that there are no permits that qualify for these retrieval statements because there is not a permit that has two different permit numbers. AL (Alternate) is used to choose these permits as in the following example:

```
00 SYNTAX=NO JOBID=ALTER TIME=20S PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE AL
10 NPID AL PA0021237
10 NPID AL PA0021181
20 QL
40 NPID FNMS MADI TYPO SIC2 INCL FTYP
```

Now you will receive the desired output:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=ALTER TIME=20S PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE AL
10 NPID AL PA0021237
10 NPID AL PA0021181
20 QL
40 NPID FNMS MADI TYPO SIC2 INCL FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED
06/16/89
   EXAMPLE OF HOW TO USE AL
QL************************************************************ QL
NPID      FNMS                          MADI TYPO SIC2 INCL FTYP
--------- ----------------------------- ---- ---- ---- ---- ----
PA0021181 DOYLESTOWN BOROUGH (GREEN ST S     PUB  4952 M    M
PA0021237 NEWPORT BOROUGH MUNICIPAL AUTH     PUB  4952 M    M
```

The Major Discharge Indicator (MADI) contains only two values, an M if it is a major or blank if it is a minor. To choose major facilities, you must use the selection statement MADI EQ M. To choose minor facilities, use the selection statement MADI NE M, which means select all facilities where the value for the Major Discharge Indicator is not equal to M as in the following example:

```
00 SYNTAX=NO JOBID=NOTEQ TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE NE
10 STTE EQ PA
10 MADI NE M
20 QL
40 NPID FNMS MADI TYPO SIC2 INCL FTYP
```

Your output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=NOTEQ TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE NE
10 STTE EQ PA
10 MADI NE M
20 QL
40 NPID FNMS MADI TYPO SIC2 INCL FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/16/89
   EXAMPLE OF HOW TO USE NE
QL************************************************************ QL
NPID      FNMS                          MADI TYPO SIC2 FTYP
--------- ----------------------------- ---- ---- ---- ----
PA0000078 WELCH FOODS INC-NORTH EAST PA      PRI  2033 I
PA0000094 PENELEC FRONT STREET               PRI  4911 I
PA0000116 TRUE TEMPER CORP LAKE CITY         PRI  3312 I
PA0000124 HAMMERMILL PAPER-ERIE              PRI  2621 I
PA0000132 BESSEMER & LK ERIE RR-ALBION S     PRI  3743 I
PA0000167 NATIONAL FORGE CO ERIE DIV         PRI  3321 I
PA0000205 WESTERN PENNA. WATER CO.-MONONG    PRI  4941 I
PA0000213 W. PA WATER COMPANY - KANE DIS     PRI  4941 I
PA0000221 WESTERN PENNA. WATER CO.-UNIONT    PRI  4941 I
PA0000248 WESTERN PENNA.  WATER CO.-MCDONA   PRI  4941 I
PA0000256 PUNXSUTAWNEY WATER SERICE CO       PRI  4941 I
PA0000264 WESTERN PA WATER CO-NEW CASTLE     PRI  4941 I
PA0000272 WESTERN PENNA.  WATER CO.-PITTSB   PRI  4941 I
PA0000302 WEST PA WATER COMPANY/ INDIANA     PRI  4941 I
PA0000329 ELLWOOD CONSOLID WTR-WURTEMBUR     PRI  4941 I
```

Notice that for all of the facilities listed, the value for the MADI column is blank which means that these facilities are minors.

To select major facilities that have been issued permits since 093088, use GT, as in the following example:

```
00 SYNTAX=NO JOBID=GRTHN TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE GT
10 STTE EQ PA
10 MADI EQ M
10 PERD GT 093088
20 QL
40 NPID FNMS FTYP PERD PERE
```

Your output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=GRTHN TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE GT
10 STTE EQ PA
10 MADI EQ M
10 PERD GT 093088
20 QL
40 NPID FNMS FTYP PERD PERE

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
   EXAMPLE OF HOW TO USE GT
QL************************************************************ QL
NPID      FNMS                            FTYP PERD     PERE
--------- ------------------------------- ---- -------- --------
PA0001791 GTE SYLVANIA INC WARREN         I    10/01/88 10/24/93
PA0007625 HEDSTROM CO - BEDFORD           I    04/11/89 04/11/94
PA0008761 ARMSTRONG WORLD INDUSTRIES      I    05/04/89 05/04/94
PA0009300 HOWES LEATHER COMPANY           I    04/28/89 10/28/91
PA0010031 PENNSYLVANIA ELECTRIC CO        I    11/23/88 11/22/93
PA0012475 MET ED PORTLAND                 I    11/30/88 11/30/93
PA0012742 ATLAS POWEDE R CO.-REYNOLDS P   I    12/01/88 11/30/93
PA0012769 ROHM & HAAS-DELAWARE VLY INC.   I    01/31/89 01/31/94
PA0013862 WYETH-AYERST LABORATORIES INC   I    11/04/88 11/04/93
PA0020257 GROVE CITY BOROUGH              M    05/02/89 05/01/94
PA0021814 MANSFIELD BOROUGH STP           M    04/26/89 04/25/94
PA0026221 DALLAS AREA MUNICIPAL AUTH.     M    01/13/89 01/12/94
PA0026646 ANTIETEM VALLEY MUNICIPAL AUTH  M    03/13/89 03/13/94
PA0026701 MORRISVILLE BOROUGH MUN AUTH-S  M    05/19/89 05/19/94
PA0026905 CONNELLSVILLE MUN. AUTH-STP     M    10/31/88 10/31/93
PA0029491 CLARION AREA AUTHORITY          M    01/20/89 01/19/94
```

When using GT, the value specified is not included, only the values that are GREATER THAN the one specified are included. Another way to retrieve similar data, as in the above example, is by using the logical operator GE which means GREATER THAN OR EQUAL TO. This will include the value specified in the retrieval statement as in the following example:

```
00 SYNTAX=NO JOBID=GREQL TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE GE
10 STTE EQ PA
10 MADI EQ M
10 PERD GE 100188
20 QL
40 NPID FNMS FTYP PERD PERE
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=GREQL TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE GE
10 STTE EQ PA
10 MADI EQ M
10 PERD GE 100188
20 QL
40 NPID FNMS FTYP PERD PERE

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
     EXAMPLE OF HOW TO USE GE
QL************************************************************ QL
NPID      FNMS                            FTYP PERD     PERE
--------- ------------------------------- ---- -------- --------
PA0001791 GTE SYLVANIA INC WARREN         I    10/25/88 10/24/93
PA0007625 HEDSTROM CO - BEDFORD           I    04/11/89 04/11/94
PA0008761 ARMSTRONG WORLD INDUSTRIES      I    05/04/89 05/04/94
PA0009300 HOWES LEATHER COMPANY           I    04/28/89 10/28/91
PA0010031 PENNSYLVANIA ELECTRIC CO        I    11/23/88 11/22/93
PA0012475 MET ED PORTLAND                 I    11/30/88 11/30/93
PA0012742 ATLAS POWEDER CO. - REYNOLDS P  I    12/01/88 11/30/93
PA0012769 ROHM & HAAS-DELAWARE VLY INC.   I    01/31/89 01/31/94
PA0013862 WYETH-AYERST LABORATORIES, INC  I    11/04/88 11/04/93
PA0020257 GROVE CITY BOROUGH              M    05/02/89 05/01/94
PA0021814 MANSFIELD BOROUGH STP           M    04/26/89 04/25/94
PA0026221 DALLAS AREA MUNICIPAL AUTH.     M    01/13/89 01/12/94
PA0026646 ANTIETEM VALLEY MUNICIPAL AUTH  M    03/13/89 03/13/94
PA0026701 MORRISVILLE BOROUGH MUN AUTH-S  M    05/19/89 05/19/94
PA0026905 CONNELLSVILLE MUN.  AUTH-STP    M    10/31/88 10/31/93
PA0029491 CLARION AREA AUTHORITY          M    01/20/89 01/19/94
```

To look at Pennsylvania major municipal facilities with permits issued before 1990, use the logical operator LT, as in the following example:

```
00 SYNTAX=NO BIN=C823 PRTY=2 TIME=5M JOBID=QL2 RMT=255
01 HQ EXAMPLE OF HOW TO USE LT
02 MAJOR MUNICIPALS W/A PERMIT ISSUED BEFORE 1990
10 STTE EQ PA
10 MADI EQ M
10 FTYP EQ M
10 PERD LT 010190
20 QL
40 NPID FNMS FTYP PERD PERE
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=GREQL TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE LT
02 MAJOR MUNICIPALS W/A PERMIT ISSUED BEFORE 1990
10 STTE EQ PA
10 MADI EQ M
10 FTYP EQ M
10 PERD LT 010190
20 QL
40 NPID FNMS FTYP PERD PERE

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

04/22/94
                        EXAMPLE OF HOW TO USE LT
               MAJOR MUNICIPALS W/A PERMIT ISSUED BEFORE 1990
QL************************************************************ QL
NPID      FNMS                            FTYP PERD     PERE
--------- ------------------------------- ---- -------- --------
PA0020125 MONACA BOROUGH MUNICIPAL AUTHO  M    12/29/89 12/29/94
PA0020290 QUAKERTOWN STP                  M    08/31/89 08/31/94
PA0020923 NEW OXFORD MUNICIPAL FACILITY   M    01/04/88 01/04/93
PA0021563 GETTYSBURG MUNICIPAL AUTHORITY  M    09/30/87 09/30/92
PA0024287 PALMYRA BORO STP                M    08/04/88 08/04/93
PA0024902 UPPER ALLEN TOWNSHIP            M    05/07/85 04/04/94
PA0025674 FRANKLIN TOWNSHIP SEWAGE TREAT  M    06/30/87 06/30/92
PA0025941 CANNONSBURG -HOUSTON STP        M    07/26/84 07/26/89
PA0025950 MONONGAHELA STP                 M    09/18/89 09/18/94
PA0026018 WEST CHESTER BOROUGH-TAYLOR RU  M    07/07/89 07/07/94
```

As with GT, LT does not include the value that was specified in the retrieval statement. Use LE which means LESS THAN OR EQUAL TO to include the value in the retrieval statement. For instance, if you want to see all the permits that were issued in 1st quarter FY89 for major Pennsylvania facilities, submit the following retrieval statements:

```
00 SYNTAX=NO JOBID=LSEQL TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE LE
10 STTE EQ PA
10 MADI EQ M
10 PERD GE 100188
10 PERD LE 123188
20 QL
40 NPID FNMS FTYP PERD PERE
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=LSEQL TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HOW TO USE LE
10 STTE EQ PA
10 MADI EQ M
10 PERD GE 100188
10 PERD LE 123188
20 QL
40 NPID FNMS FTYP PERD PERE

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
                        EXAMPLE OF HOW TO USE LE
QL************************************************************ QL
NPID      FNMS                            FTYP PERD     PERE
--------- ------------------------------- ---- -------- --------
PA0001791 GTE SYLVANIA INC WARREN         I    10/25/88 10/24/93
PA0010031 PENNSYLVANIA ELECTRIC CO        I    11/23/88 11/22/93
PA0012475 MET ED PORTLAND                 I    11/30/88 11/30/93
PA0012742 ATLAS POWED ER CO. - REYNOLDS P I    12/01/88 11/30/93
PA0013862 WYETH-AYERST LABORATORIES, INC  I    11/04/88 11/04/93
PA0026905 CONNELLSVILLE MUN.  AUTH-STP    M    10/31/88 10/31/93
PA0051926 PHILA ELEC LIMERICK             I    12/20/88 12/20/93
PA0053147 UPPER SAUCON TWP. MUN AUTH      M    11/02/88 11/02/93
```

4.3.2 Use of PCS Acronyms to Select Facilities

Through the use of 10 card selection statements, you can use any PCS acronym to select facilities to appear on a retrieval. For example, if you want to see all Pennsylvania major facilities that have permit requirements for BOD (00310), use these selection statements:

```
00 SYNTAX=NO JOBID=NO10W TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF SELECTING BOD FOR PA MAJORS
10 STTE EQ PA
10 MADI EQ M
10 PRAM EQ 00310
20 QL SUPPRESS=YES SKIP=1
40 NPID PDSG PRAM MLOC MODN SEAN STAT FRAN SAMP LQUC LCUC
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=NO10W TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF SELECTING BOD FOR PA MAJORS
10 STTE EQ PA
10 MADI EQ M
10 PRAM EQ 00310
20 QL SUPPRESS=YES SKIP=1
40 NPID PDSG PRAM MLOC MODN SEAN STAT FRAN SAMP LQUC LCUC

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
                        EXAMPLE OF SELECTING BOD FOR PA MAJORS
QL************************************************************ QL
NPID      PDSG PRAM  MLOC MODN SEAN STAT FRAN   SAMP LQUC LCUC
--------- ---- ----- ---- ---- ---- ---- ------ ---- ---- ----
PA0001201 001A 00300 1    0    0    15   99/99  MS        19
          001A 00310 1    0    0    10   02/30  GR   26
          001A 00400 1    0    0    15   99/99  RC        12
          001A 50050 1    0    0    70   99/99  RC   03
          001A 74055 1    0    0    03   01/30  24        13

PA0001295 001A 00310 1    0    0    10   01/07  24   26
          001A 00340 1    0    0    10   01/07  24   26
          001A 00400 1    0    0    15   01/07  GR        12
          001A 00530 1    0    0    10   01/07  24   26
          001A 00556 1    0    0    97   01/07  G3   26   19
          001A 00610 1    0    0    10   01/07  24   26
          001A 00745 1    0    0    10   01/07  24   26
          001A 50050 1    0    0    C6   99/99  MS   03
          001A 74055 1    0    0    03   01/07  GR        13

PA0001716 009A 00310 1    0    0    10   02/30  GR        19
          009A 00400 1    0    0    15   02/30  GR        12
          009A 00530 1    0    0    10   02/30  GR        19
          009A 00556 1    0    0    97   02/30  GR        19
          009A 50050 1    0    0    70   02/30  MS   03
          009A 74055 1    0    0    03   02/30  GR        13

PA0001988 024A 00310 1    0    0    70   01/07  24        19
          024A 00400 1    0    0    15   01/01  GR        12
          024A 00530 1    0    0    70   01/07  24        19
          024A 00556 1    0    0    97   01/07  G3        19
          024A 00610 1    0    0    70   01/07  24        19
          024A 34696 1    0    0    70   02/30  24        19
          024A 50050 1    0    0    70   99/99  MS 03
```

4.4 The 10 WITH Card

This preceding retrieval will display all the facilities that have a BOD requirement as part of their permit. To see only the facilities that have a permit requirement to take a BOD sample once per week, you can use a 10 WITH card. Select PRAM EQ 00310 and further qualify that statement using a 10 WITH card that says 10 WITH FRAN EQ 01/07 as in the following example:

```
00 SYNTAX=NO JOBID=WTH10 TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF USING 10 WITH CARD
10 STTE EQ PA
10 MADI EQ M
10 PRAM EQ 00310
10 WITH FRAN EQ 01/07
20 QL SUPPRESS=YES
40 NPID PDSG PRAM MLOC MODN SEAN STAT FRAN SAMP LQUC LCUC
```

The output will look like this:

RETRIEVAL
STATEMENTS

```
00 SYNTAX=NO JOBID=WTH10 TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF USING 10 WITH CARD
10 STTE EQ PA
10 MADI EQ M
10 PRAM EQ 00310
10 WITH FRAN EQ 01/07
20 QL SUPPRESS=YES
40 NPID PDSG PRAM MLOC MODN SEAN STAT FRAN SAMP LQUC LCUC

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
                  EXAMPLE OF USING 10 WITH CARD
QL************************************************************ QL
NPID      PDSG PRAM  MLOC MODN SEAN STAT FRAN   SAMP LQUC LCUC
--------- ---- ----- ---- ---- ---- ---- ------ ---- ---- ----
PA0001295 001A 00310 1    0    0    10   01/07  24   26
          001A 00340 1    0    0    10   01/07  24   26
          001A 00400 1    0    0    15   01/07  GR        12
          001A 00530 1    0    0    10   01/07  24   26
          001A 00556 1    0    0    97   01/07  G3   26   19
          001A 00610 1    0    0    10   01/07  24   26
          001A 00745 1    0    0    10   01/07  24   26
          001A 50050 1    0    0    C6   99/99  MS   03
          001A 74055 1    0    0    03   01/07  GR        13
PA0002135 001A 00300 1    0    0    15   01/07  GR        19
          001A 00310 1    0    0    10   01/07  08   26
          001A 00400 1    0    0    15   01/07  GR        12
          001A 00530 1    0    0    10   01/07  08   26
          001A 00556 1    0    0    10   01/07  G3   26
          001A 00610 1    0    0    10   01/07  08   26
          001A 50050 1    0    0    04   99/99  RC   03
          001A 74055 1    0    0    03   01/07  GR        13
          002A 00310 1    0    0    10   02/30  GR        19
          002A 00400 1    0    0    15   02/30  GR        12
          002A 00556 1    0    0    10   02/30  GR        19
          002A 50050 1    0    0    04   02/30  MS   03
          023B 00310 1    0    0    52   02/90  GR        19
          024B 00310 1    0    0    52   02/90  GR        19
          025B 00310 1    0    0    52   02/90  GR        19
          026B 00310 1    0    0    52   02/90  GR        19
          027B 00310 1    0    0    52   02/90  GR        19
PA0002666 002B 00310 1    0    0    10   01/90  GR        19
          002B 00610 1    0    0    10   01/90  GR        19
          002B 01045 1    0    0    10   01/90  GR        19
          010A 00300 1    0    0    10   01/07  GR        19
          010A 00310 1    0    0    10   01/07  08   26
          010A 00400 1    0    0    15   01/07  GR        12
          010A 00530 1    0    0    10   01/07  08   26
          010A 00556 1    0    0    10   01/07  24   26
          010A 00610 1    0    0    10   01/07  08   26
          010A 00745 1    0    0    10   01/30  08   26   19
```

```
010A 50050 1    0    0    04   99/99  RC   03
010A 74055 1    0    0    03   01/07  GR        13
012B 00310 1    0    0    10   01/90  GR        19
012B 00610 1    0    0    10   01/90  GR        19
012B 01045 1    0    0    10   01/90  GR        19
021B 00310 1    0    0    10   01/90  GR        19
021B 00610 1    0    0    10   01/90  GR        19
021B 01045 1    0    0    10   01/90  GR        19
022B 00310 1    0    0    10   01/90  GR        19
022B 00610 1    0    0    10   01/90  GR        19
022B 01045 1    0    0    10   01/90  GR        19
```

Notice in the facilities listed above, there are sometimes more than one BOD listed for a facility and sometimes the other BOD's have a frequency of analysis that is not once per week. In every facility there is at least one BOD that has a frequency of analysis of once per week, every facility listed meets the selection criteria of the 10 cards. Later on, we will learn how to restrict the output even more to see only the BOD parameters that are sampled once per week.

Suppose you want to submit a retrieval for all majors in Pennsylvania and all minor PL 92-500 grantees in Pennsylvania. How would this work? ($ is the symbol that represents PL 92- 500 grantees.)

You could structure your 10 card selection statements like this:

```
00 SYNTAX=NO JOBID=ORCRD TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ ALL MAJORS AND MINOR PL 92-500'S IN PENNSYLVANIA
10 STTE EQ PA
10 FDGR EQ $
20 QL
40 NPID FNMS MADI FDGR
```

Let's see what the retrieval will look like:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=ORCRD TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ ALL MAJORS AND MINOR PL 92-500'S IN PENNSYLVANIA
10 STTE EQ PA
10 FDGR EQ $
20 QL
40 NPID FNMS MADI FDGR

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
        ALL MAJORS AND MINOR PL 92-500'S IN PENNSYLVANIA
QL************************************************************ QL
NPID      FNMS                            MADI FDGR
--------- ------------------------------- ---- ----
PA0020214 MOUNT UNION BOROUGH                  $
PA0020257 GROVE CITY BOROUGH              M    $
PA0020320 LITITZ SEWAGE AUTHORITY         M    $
PA0020460 PENNRIDGE AUTHORITY             M    $
PA0020664 MIDDLETOWN WASTEWATER TREATMEN  M    $
PA0020699 MONTGOMERY BOROUGH                   $
PA0020711 TOPTON BOROUGH                       $
PA0020788 DERRY BOROUGH                        $
PA0020885 MECHANICSBURG BOROUGH MUNICIPA  M    $
PA0020915 PINE GROVE BOROUGH AUTHORITY         $
PA0020923 NEW OXFORD MUNICIPAL FACILITY        $
PA0020940 TUNKHANNOCK BOROUGH MUNICIPAL        $
PA0021067 MOUNT JOY SEWAGE TREATMENT PLA  M    $
PA0021075 MYERSTOWN BOROUGH               M    $
PA0021407 BOROUGH OF POINT MARION              $
PA0021504 WESTERN BUTLER COUNTY AUTH      M    $
PA0021601 HAMBURG BORO                    M    $
PA0021709 BIRDSBORO BOROUGH               M    $
PA0021806 ANNVILLE TOWNSHIP                    $
```

Through the use of the 10 card selection statements we have chosen all Pennsylvania facilities that have a PL 92-500 grant for majors and minors. Is that what we wanted? No! We wanted to see all major facilities and all minors that have a PL 92-500 grant. Let's restructure the 10 card selection statements and try again:

```
00 SYNTAX=NO JOBID=ORCRD TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ ALL MAJORS AND MINOR PL 92-500'S IN PENNSYLVANIA
10 STTE EQ PA
10 MADI EQ M
10 MADI NE M
10 FDGR EQ $
20 QL
40 NPID FNMS MADI FDGR
```

Now your selection statements are MADI EQ M to retrieve all majors and MADI NE M to retrieve all minors and FDGR EQ $ to retrieve all PL 92-500 grantees. That sounds like what we want. Let's take a look at the output to see what we got:

```
RETRIEVAL
STATEMENTS
```

```
00 SYNTAX=NO JOBID=ORCRD TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ ALL MAJORS AND MINOR PL 92-500'S IN PENNSYLVANIA
10 STTE EQ PA
10 MADI EQ M
10 MADI NE M
10 FDGR EQ $
20 QL
40 NPID FNMS MADI FDGR

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

THERE WERE NO NPDES QUALIFYING FOR THE SELECTION CRITERIA
```

The retrieval did not select anything!! Why? Because we have the same acronym that is equal to a value and not equal to the same value. Remember the alternate (AL) logical operator. If you are using the same acronym, then you must use AL unless it is a range of values and you can use GE and LE. Then how can we do this retrieval?

This is really two separate retrievals. First, you want to see all major facilties and then you want to see all minor facilities that have a PL 92-500 grant. There is a way to run this retrieval without having to submit two separate retrievals. In your selection statements specify an OR statement that tells the system to select these facilities OR to select another set of facilities.

4.5 The 11 OR Card

This is preceeded by the card number 11 and is specified in the following manner:

```
00 SYNTAX=NO JOBID=ORCRD TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ ALL MAJORS AND MINOR PL 92-500s IN PENNSYLVANIA
10 STTE EQ PA
10 MADI EQ M
11 OR
10 STTE EQ PA
10 MADI NE M
10 FDGR EQ $
20 QL
40 NPID FNMS MADI FDGR
```

When using the 11 OR card, you must re-enter all statements that apply to the selection statement for each type of retrieval, in this case, STTE EQ PA. That's because the system recognizes the statement on each side of the 11 OR card as being a separate retrieval.

You can specify up to ten 11 OR cards in one retrieval. Let's take a look at the output for this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=ORCRD TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ ALL MAJORS AND MINOR PL 92-500s IN PENNSYLVANIA
10 STTE EQ PA
10 MADI EQ M
11 OR
10 STTE EQ PA
10 MADI NE M
10 FDGR EQ $
20 QL
40 NPID FNMS MADI FDGR

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/15/95
ALL MAJORS AND MINOR PL 92-500s IN PENNSYLVANIA
QL************************************************************ QL
NPID      FNMS                           MADI FDGR
--------- ------------------------------ ---- ----
PA0020125 MONACA BOROUGH MUNICIPAL AUTHO  M
PA0020141 BROOKVILLE MUN AUTH             M
PA0020168 EAST STROUDSBURG BORO STP       M
PA0020214 MOUNT UNION BOROUGH                  $
PA0020257 GROVE CITY BOROUGH              M    $
PA0020273 MILTON MUNICIPAL AUTHORITY      M
PA0020290 QUAKERTOWN BOROUGH MUNICIPAL T  M
PA0020320 LITITZ SEWAGE AUTHORITY         M    $
PA0020346 PUNXSUTAWNEY, MUN. AUTH. OF TH  M
PA0020401 JOHNSONBURG BOROUGH             M
PA0020460 PENNRIDGE AUTHORITY             M    $
PA0020486 BELLEFONTE BOROUGH              M
PA0020621 WAYNESBORO BOROUGH AUTHORITY    M
PA0020664 MIDDLETOWN WASTEWATER TREATMEN  M    $
:PA0020699 MONTGOMERY BOROUGH                  $
:PA0020711 TOPTON BOROUGH                      $
:PA0020788 DERRY BOROUGH                       $
:PA0020826 DOVER TOWNSHIP SEWER AUTHORITY M
:PA0020885 MECHANICSBURG BOROUGH MUNICIPA M    $
:PA0020893 MANHEIM STP                         M
:PA0020915 PINE GROVE BOROUGH AUTHORITY        $
:PA0020923 NEW OXFORD MUNICIPAL FACILITY       $
:PA0020940 TUNKHANNOCK BOROUGH MUNICIPAL       $
:PA0021067 MOUNT JOY SEWAGE TREATMENT PLA M    $
:PA0021075 MYERSTOWN BOROUGH              M    $
:PA0021113 GLASSPORT BOROUGH              M
```

Notice that a lot of the majors also have a PL 92-500 grant. That's because we selected ALL majors regardless of whether they have a PL 92-500 grant or not; but also notice that the minors are all PL 92-500 grantees, which is exactly what we want.

4.6 The 20 Card

After you have selected all of the facilities with 10 cards, the next thing you have to have is a 20 card which tells the system what type of retrieval you are running. Currently, there are 27 different report types available in PCS. The one we are going to concentrate on for right now is the Quick Look (QL) report. The QL report is the most versatile of the report types because you control what your print-out is going to look like. You specify a 20 card report type in the following format:

20 QL

where QL stands for Quick Look so the system knows that this will be a Quick Look report. All of the report types are specified in the same manner by typing 20 and the two character code for that report type. For more information on the types of reports available in PCS, please refer to the PCS Generalized Retrieval manual.

4.7 The 30 Card

The next card for a QL retrieval is the 30 card which tells the system how to sort the facilities that you have selected. The 30 card is optional. If you do not include a 30 card in your request, the system will sort by the NPDES permit number (NPID) then by the key data elements for the type of data you are displaying.

To specify a sort on a retrieval, type 30 followed by the acronyms that you want to sort on in the order that you want the report sorted as in the following example:

30 MADI FNMS

This tells the system that you want to sort the retrieval by the major discharge indicator and then by the facility name. An example of this follows:

09/19/95

SORTING A RETRIEVAL WITH THE 30 CARD

QL********** QL

NPID	FNMS	MADI
SC0043567	ABBEVILLE CITY BARN/GROUND WTR	
SC0042595	BAMBERG BOARD OF PUBLIC WORKS	
SC0037621	CAINHOY ELEMENTARY SCHOOL	
SC0028754	DACUSVILLE EL & HS/PICKENS CO	
SC0034461	EARL OWENSBY STUDIOS	
SC0032182	FAIRFAX SD/THE DEVELOPMENT COR	
SC0021121	GAFFNEY TOWN OF/WATER PLANT	
SC0042919	HAGLEY LAKE CO INC	
SC0030554	IDLEWOOD SD/CAROLINA WATER	
SC0001716	JACKSON MILLS/WELLFORD PLANT	
SC0035319	KAYDON CORPORATION	
SC0036226	LAKE CITY-SCRANTON CONVLST CTR	
SC0004014	MACALLOY CORP-CHARLESTON	
SC0040363	NATIONAL DYE WORKS	
SC0026018	OAK GROVE ELEMENTARY SCHOOL	
SC0022705	P T L HERITAGE VILLAGE	
SC0028622	QUAIL MEADOW PARK	
SC0031968	Road King Truck Stop	
SC0022381	SALUDA TOWN OF	
SC0031577	TALL TALES FISH CAMP	
SC0043001	UNION AMOCO STATION	
SC0028673	VALLEYBROOK SD/CAROLINA WATER	
SC0042277	W R GRACE/BALL MINE	
SC0025950	YEMASSEE TOWN OF	
SC0040614	ABBEVILLE CITY OF/LONG CANE CR	M
SC0025143	BARNWELL CITY OF	M
SC0021032	CAMDEN, CITY OF	M
SC0039624	DARLINGTON/WWTF-BLACK CRK	M
SC0039853	EASLEY/MIDDLE BRANCH WWTP	M
SC0004162	FIBER INDUSTRIES INC	M
SC0003115	GA PACIFIC/RUSSELLVILLE PLT	M
SC0021318	HAMPTON TOWN OF	M
SC0025933	JOHNSONVILLE/EAST PLANT	M
SC0000582	KIMBERLY-CLARK CORP	M
SC0038164	LAKE CITY/LAKE SWAMP PLANT	M
SC0020257	MARION/SOUTH MAIN STREET PLANT	M
SC0024490	NEWBERRY/BUSH RIVER PLT	M
SC0033553	OCONEE CO SWR COM-CONEROSS CRK	M
SC0035700	PENDLETON-CLEMSON REGIONAL SWR	M
SC0001490	REEVES BROS/BISHOPVILLE FINISH	M
SC0002020	SC ELEC & GAS/CANADYS STATION	M
SC0040517	THERMAL OXID CORP/GSX	M
SC0038121	UNION CAMP CORPORATION	M
SC0001341	VERATEC	M
SC0020214	WARE SHOALS/DAIRY STREET PLANT	M
SC0038156	YORK / FISHING CREEK (NEW)	M

4.8 The 40 Card

The next card you need for a QL retrieval is the 40 card. The 40 card tells the system how to display the data on your print-out and is exclusive to the QL report. You specify the 40 card by typing 40 and list the acronyms you want on your retrieval with one space between each acronym as in the following manner:

40 NPID FNMS MADI TYPO SIC2 INCL FTYP

The acronyms that you list on the 40 card become the headers on your print-out. The print-out for the example above would look like this:

```
06/15/95
               RETRIEVAL EXAMPLE
QL************************************************************ QL
NPID      FNMS                           MADI TYPO SIC2 INCL FTYP
--------- ------------------------------ ---- ---- ---- ---- ----
PA0021181 DOYLESTOWN BOROUGH (GREEN ST S      PUB  4952 M    M
PA0021237 NEWPORT BOROUGH MUNICIPAL AUTH      PUB  4952 M    M
```

4.9 Retrievals With Options on the 20 Card

You are allowed to display 132 characters of data on one line of your retrieval so a retrieval is more versatile than INQUIRY. As you will notice, the headers are still the acronyms that you specified on the 40 card. If you are giving this retrieval to somebody who is not knowledgeable of PCS acronyms, this may be confusing.

4.9.1 HEADERS = LONG

You can make the headers display in expanded form by specifying HEADERS = LONG on the 20 card in the following manner:

```
00 SYNTAX=NO JOBID=HEADR TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HEADERS=LONG
10 STTE EQ SC
10 FTYP AL I
10 FTYP AL M
20 QL HEADERS=LONG
40 NPID FNMS FTYP
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=HEADR TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HEADERS=LONG
10 STTE EQ SC
10 FTYP AL I
10 FTYP AL M
20 QL HEADERS=LONG
40 NPID FNMS FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/15/95
              EXAMPLE OF HEADERS=LONG
QL*********************************************************QL
PERMIT NUMBER FACILITY NAME SHORT            FACILITY TYPE
------------- ------------------------------ -------------
SC0000043     GRANITEVILLE CO/GREGG WATER PT I
SC0000051     GRANITEVILLE CO/WATER PLANT    I
SC0000876     STONE CONTAINER CORP/FLORENCE  I
SC0000906     AMOCO PERFORMANCE PRODUCTS INC I
SC0000914     LOBECO PRODUCTS INC            I
SC0000949     TIMKEN CO/GAFFNEY BEARING PLT  I
SC0000957     SSSD/BUCKEYE FOREST PLANT      M
SC0001724     SIEMENS-ALLIS/ITE ELECT PROD   I
SC0001741     CHESTER/MANETTA MILLS          M
SC0020010     CLEMSON/MAIN PLANT             M
SC0020052     SULLIVANS ISLAND TOWN OF       M
```

Using HEADERS = LONG increases the print size of the data element to accommodate the longer headings. Because of this, you will not be able to display as many acronyms on one line.

4.9.2 EXPAND = YES and 'D' Acronym

Any acronym that you are displaying that has a code as the value will display the code. This could be confusing to people unfamiliar with PCS. You can display the description of that code in one of two ways.

You can use EXPAND = YES on the 20 card to display the descriptions of the codes. This will expand every code that is being displayed on your retrieval. It is specified in the following manner:

```
00 SYNTAX=NO JOBID=EXPND TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF EXPAND=YES
10 STTE EQ SC
10 CNTY EQ 003
20 QL HEADERS=LONG EXPAND=YES
40 NPID FNMS FTYP MADI
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________
00 SYNTAX=NO JOBID=EXPND TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF EXPAND=YES
10 STTE EQ SC
10 CNTY EQ 003
20 QL HEADERS=LONG EXPAND=YES
40 NPID FNMS FTYP MADI

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/20/95
                  EXAMPLE OF EXPAND=YES
QL*********************************************************************QL
PERMIT NUMBER FACILITY NAME SHORT            FACILITY TYPE   MAJ/MIN IND
------------- ------------------------------ --------------- -----------
SC0000043     GRANITEVILLE CO/GREGG WATER PT INDUSTRIAL      MINOR
SC0000051     GRANITEVILLE CO/WATER PLANT    INDUSTRIAL      MINOR
SC0000175     US DEPARTMENT OF ENERGY        FEDERAL         MAJOR
SC0000574     SC ELEC & GAS/URQUHART STM STA INDUSTRIAL      MAJOR
SC0000582     KIMBERLY-CLARK CORP            INDUSTRIAL      MAJOR
SC0024457     AIKEN CO PUB SV AUTH/HORSE CRK MUNICIPAL       MAJOR
SC0026204     WAGENER TOWN OF                MUNICIPAL       MINOR
SC0030368     N AUGUSTA/BELVEDERE TERRACE SD MUNICIPAL       MINOR
```

This method will expand all of the acronyms on your retrieval that can be expanded. This may not be what you want. If you only wanted to expand some of the acronyms but not all of them, you can use the second method to expand acronyms. In this method, you type a 'D' at the end of the acronym that you want expanded as in the following example:

```
00 SYNTAX=NO JOBID=DESCR TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF DESCRIPTION
10 STTE EQ SC
10 CNTY EQ 003
20 QL HEADERS=LONG
40 NPID FNMS FTYPD MADI
```

In this example, a 'D' was typed at the end of FTYP so a description will be printed for this acronym, but the other acronyms will still be printed as codes. Your output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=DESCR TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF DESCRIPTION
10 STTE EQ SC
10 CNTY EQ 003
20 QL HEADERS=LONG
40 NPID FNMS FTYPD MADI

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/20/95
        EXAMPLE OF DESCRIPTION
QL*******************************************************************QL
PERMIT NUMBER FACILITY NAME SHORT            FACILITY TYPE   MAJ/MIN IND
------------- ------------------------------ --------------- -----------
SC0000043     GRANITEVILLE CO/GREGG WATER PT INDUSTRIAL
SC0000051     GRANITEVILLE CO/WATER PLANT    INDUSTRIAL
SC0000175     US DEPARTMENT OF ENERGY        FEDERAL         M
SC0000574     SC ELEC & GAS/URQUHART STM STA INDUSTRIAL      M
SC0000582     KIMBERLY-CLARK CORP            INDUSTRIAL      M
SC0024457     AIKEN CO PUB SV AUTH/HORSE CRK MUNICIPAL       M
SC0026204     WAGENER TOWN OF                MUNICIPAL
SC0030368     N AUGUSTA/BELVEDERE TERRACE SD MUNICIPAL
```

A 'D' can be used at the end of any acronym that has a description for the code.

4.9.3 SKIP = x

To make your retrieval more readable, you can skip lines between facilities. On the 20 card, you type SKIP = x where x is the number of lines that you want to skip. You are allowed to skip up to 3 lines.

You specify skip in the following manner:

```
00 SYNTAX=NO JOBID=SKIP TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF HEADERS=LONG and SKIP=1
10 STTE EQ SC
10 FTYP AL I
10 FTYP AL M
20 QL HEADERS=LONG  SKIP=1
40 NPID FNMS FTYP
```

This will skip one line between facilities. Your output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=SKIP TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF SKIP
10 STTE EQ SC
10 FTYP AL I
10 FTYP AL M
20 QL HEADERS=LONG SKIP=1
40 NPID FNMS FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/19/95
                    EXAMPLE OF SKIP
QL*************************************************************** QL
PERMIT NUMBER FACILITY NAME SHORT           FACILITY TYPE
------------- ------------------------------ ---------------
SC0000043     GRANITEVILLE CO/GREGG WATER PT I

SC0000051     GRANITEVILLE CO/WATER PLANT    I

SC0000876     STONE CONTAINER CORP/FLORENCE  I

SC0000906     AMOCO PERFORMANCE PRODUCTS INC I

SC0000914     LOBECO PRODUCTS INC            I

SC0000949     TIMKEN CO/GAFFNEY BEARING PLT  I

SC0000957     SSSD/BUCKEYE FOREST PLANT      M

SC0001724     SIEMENS-ALLIS/ITE ELECT PROD   I

SC0001741     CHESTER/MANETTA MILLS          M

SC0020010     CLEMSON/MAIN PLANT             M

SC0020052     SULLIVANS ISLAND TOWN OF       M
```

How SKIP Can Make a Retrieval Easier to Read

If you want a QL retrieval of inspections that have been performed at a facility, the report is going to list each inspection on a separate line. The NPDES number and the facility name will be repeated on every line. This is because the DTIN, INSP and TYPI are listed more than one time and the facility data is repeated every time a new DTIN is listed which can make it very confusing to read the report.

SKIP = 1

To make the report more readable, you can use the SKIP option and skip a line between facilities like this:

```
                EXAMPLE OF INSPECTIONS
QL*********************************************************QL
NPID      FNMS                          DTIN    INSP TYPI
--------- ----------------------------- ------- ---- -----
SC0000043 GRANITEVILLE CO/GREGG WATER PT 10/20/87 S   S

SC0000051 GRANITEVILLE CO/WATER PLANT

SC0000078 GRANITEVILLE CO/WOODHEAD DIV   11/19/85 S   R
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   11/20/85 S   S
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   05/21/86 S   S
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   11/05/86 S   S
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   10/20/87 S   S
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   01/26/88 S   B
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   05/09/88 S   R
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   09/06/88 S   S
SC0000078 GRANITEVILLE CO/WOODHEAD DIV   04/04/89 S   S

SC0000086 GRANITEVILLE CO/HICKMAN DIV    11/19/85 S    R
SC0000086 GRANITEVILLE CO/HICKMAN DIV    11/20/85 S    S
SC0000086 GRANITEVILLE CO/HICKMAN DIV    05/21/86 S    S
SC0000086 GRANITEVILLE CO/HICKMAN DIV    11/05/86 S    S
SC0000086 GRANITEVILLE CO/HICKMAN DIV    10/20/87 S    S
SC0000086 GRANITEVILLE CO/HICKMAN DIV    05/09/88 S    R
SC0000086 GRANITEVILLE CO/HICKMAN DIV    09/06/88 S    S
SC0000086 GRANITEVILLE CO/HICKMAN DIV    04/04/89 S    S

SC0000094 GRANITEVILLE CO/STEVENS STEAM  11/19/85 S    R
SC0000094 GRANITEVILLE CO/STEVENS STEAM  11/20/85 S    S
SC0000094 GRANITEVILLE CO/STEVENS STEAM  05/22/86 S    S
SC0000094 GRANITEVILLE CO/STEVENS STEAM  11/05/86 S    S
SC0000094 GRANITEVILLE CO/STEVENS STEAM  10/20/87 S    S
SC0000094 GRANITEVILLE CO/STEVENS STEAM  05/09/88 S    R
SC0000094 GRANITEVILLE CO/STEVENS STEAM  09/06/88 S    S
SC0000094 GRANITEVILLE CO/STEVENS STEAM  04/04/89 S    S
```

This makes the report easier to read because all data for one facility is listed together. There is still the problem of the facility data being repeated for every DTIN.

4.9.4 SUPPRESS = YES

There is another 20 card option that will solve the problem called SUPPRESS = YES. It is listed on the 20 card in the following manner:

```
00 SYNTAX=NO JOBID=SUPPR TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF SUPPRESS=YES
10 STTE EQ SC
10 FTYP AL I
10 FTYP AL M
20 QL SUPPRESS=YES SKIP=1
40 NPID FNMS DTIN INSP TYPI
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=SUPPR TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF SUPPRESS=YES
10 STTE EQ SC
10 FTYP AL I
10 FTYP AL M
20 QL SUPPRESS=YES
40 NPID FNMS DTIN INSP TYPI

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

          EXAMPLE OF SUPPRESS=YES
QL*************************************************************QL
NPID      FNMS                          DTIN     INSP TYPI
--------- ----------------------------- -------- ---- -----
SC0000043 GRANITEVILLE CO/GREGG WATER PT 10/20/87 S    S

SC0000051 GRANITEVILLE CO/WATER PLANT

SC0000078 GRANITEVILLE CO/WOODHEAD DIV   11/19/85 S   R
                                         11/20/85 S   S
                                         05/21/86 S   S
                                         11/05/86 S   S
                                         10/20/87 S   S
                                         01/26/88 S   B
                                         05/09/88 S   R
                                         09/06/88 S   S
                                         04/04/89 S   S
```

SUPPRESS = YES only suppresses facility data that is being displayed on your retrieval. The facility data will be printed on the first line of that facility.

4.9.5 PAGE BREAK

- NO PAGE BREAK

You could sort your retrieval in such a way that a group of facilities would be displayed together. For example, there is a data element at the facility level called Engineer's Initials (ENGI) that allows you to enter the initials of the engineer that is responsible for that permit.

You could sort by ENGI so that all of the facilities assigned to a particular engineer are grouped together as in the following example:

```
00 SYNTAX=NO JOBID=BREAK TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF NO PAGE BREAK
10 STTE EQ FL
20 QL
30 ENGI
40 NPID FNMS CNTY ENGI MADI FTYP
```

The output will look like this:

RETRIEVAL
STATEMENTS

```
00 SYNTAX=NO JOBID=BREAK TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF NO PAGE BREAK
10 STTE EQ FL
20 QL
30 ENGI
40 NPID FNMS CNTY ENGI MADI FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/21/95                                                    PAGE:  1
                     EXAMPLE WITHOUT PAGE BREAK
QL*****************************************************************QL
NPID      FNMS                           CNTY ENGI MADI FTYP
--------- ------------------------------ ---- ---- ---- ----
FL0000124 ROYSTER PHOSPHATES INC         081  AEZ  M    I
FL0000370 AGRICO CHEM SO PIERCE          105  AEZ  M    I
FL0000523 C F CHEM BARTOW PHOSPH BARTOW  105  AEZ  M    I
FL0000752 FARMLAND IND BARTOW            105  AEZ  M    I
FL0001589 SEMINOLE FER T.CORP.-BARTOW CO 105  AEZ  M    I
FL0037915 FARMLAND INDUSTRIES INC        105  AEZ  M    I
FL0000060 REICHHOLD CHEM JAX             031  ALF  M    I
FL0001678 TRI-GAS INC.                   099  ALF       I
FL0002313 AIR PROD & CHEM ESCAM PENSACOL 113  ALF  M    I
FL0002593 AMERICAN CYANAMID              113  ALF  M    I
FL0028592 RONNYS MOBILE RANCH            085  ALF       I
FL0040380 HILLSBORO CO-APOLLO BCH SPRAY  057  ALF  M
FL0040967 GEN DEV UTIL - N PORT ST LUCIE 111  ALF       I
FL0041378 FORT LAUDERDALE - GT LOHMEYER  011  ALF  M
FL0041432 HERCULES INCORPORATED VERO BCH 061  ALF       I
FL0003034 HOLLY HILL WATER TREAT         127  BCC       I
FL0020591 JAX SAN JOSE SHOR STP          031  BCC  M
FL0024201 WHISPERING CR VILL-FT PIERCE   111  BCC       I
FL0027839 MONTICELLO-STP                 065  BCC  M
FL0033758 NORTHEAST FL STATE HOSP        003  BCC  M    I
```

- PAGE BREAK

If you wanted to separate this retrieval and give each engineer the page with only their facilities listed, you would have to cut the report with a pair of scissors. However, there is an option on the 20 card that will provide a page break depending on the acronym(s) you have specified on the sort (30) card. In this case, it would provide a page break on the engineer's initials because that is the acronym that is used to sort the retrieval. You specify a page break on the 20 card in the following manner:

```
00 SYNTAX=NO JOBID=BREAK TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF PAGE BREAK
10 STTE EQ FL
20 QL BREAK=1
30 ENGI
40 NPID FNMS CNTY ENGI MADI FTYP
```

The output will look like this:

RETRIEVAL
STATEMENTS

```
00 SYNTAX=NO JOBID=BREAK TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF PAGE BREAK
10 STTE EQ FL
20 QL BREAK=1
30 ENGI
40 NPID FNMS CNTY ENGI MADI FTYP

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/21/95                                                    PAGE:  1
                EXAMPLE OF PAGE BREAK
QL*************************************************************QL
NPID      FNMS                           CNTY ENGI MADI FTYP
--------- ------------------------------ ---- ---- ---- ----
FL0000124 ROYSTER PHOSPHATES INC         081  AEZ  M    I
FL0000370 AGRICO CHEM SO PIERCE          105  AEZ  M    I
FL0000523 C F CHEM BARTOW PHOSPH BARTOW  105  AEZ  M    I
FL0000752 FARMLAND IND BARTOW            105  AEZ  M    I
FL0001589 SEMINOLE FERT.CORP.-BARTOW COM 105  AEZ  M    I
FL0037915 FARMLAND INDUSTRIES INC        105  AEZ  M    I

          SUB-TOTAL QUICK LOOK PRINT LINE:        6

09/21/95                                                    PAGE: 2
                EXAMPLE OF PAGE BREAK
QL*************************************************************QL
NPID      FNMS                           CNTY ENGI MADI FTYP
--------- ------------------------------ ---- ---- ---- ----
FL0000060 REICHHOLD CHEM JAX             031  ALF  M    I
FL0001678 TRI-GAS INC.                   099  ALF       I
FL0002313 AIR PROD & CHEM ESCAM PENSACOL 113  ALF  M    I
FL0002593 AMERICAN CYANAMID              113  ALF  M    I
FL0028592 RONNYS MOBILE RANCH            085  ALF       I
FL0040380 HILLSBORO CO-APOLLO BCH SPRAY  057  ALF  M
FL0040967 GEN DEV UTIL - N PORT ST LUCIE 111  ALF       I
FL0041378 FORT LAUDERDALE - GT LOHMEYER  011  ALF  M
FL0041432 HERCULES INCORPORATED VERO BCH 061  ALF       I

          SUB-TOTAL QUICK LOOK PRINT LINE:        9

09/21/95                                                    PAGE: 3
                EXAMPLE OF PAGE BREAK
QL*************************************************************QL
NPID      FNMS                           CNTY ENGI MADI FTYP
--------- ------------------------------ ---- ---- ---- ----
FL0003034 HOLLY HILL WATER TREAT         127  BCC       I
FL0020591 JAX SAN JOSE SHOR STP          031  BCC  M
FL0024201 WHISPERING CR VILL-FT PIERCE   111  BCC       I
FL0027839 MONTICELLO-STP                 065  BCC  M
FL0033758 NORTHEAST FL STATE HOSP        003  BCC  M    I

          SUB-TOTAL QUICK LOOK PRINT LINES:       5
```

```
TOTAL QUICK LOOK PRINT LINES:          20
```

If you specified more than one field on the 30 Card, you could specify BREAK = n, where n equals any number from 1 through 9.

4.9.6 TAB

When a display line is printed on a retrieval, the system automatically adds one space between fields. You might want more than one space and you can accomplish this by the use of the TAB option.

The TAB option is used on a 40 card in the exact place where you want the tab inserted. You must type TAB plus the number of spaces you want to insert as in the following manner:

```
00 SYNTAX=NO JOBID=TAB TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF TAB
10 STTE EQ SC
10 CNTY EQ 003
20 QL TOP=YES
40 NPID FNMS TAB4 MADI TAB4 FTYP
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________________
00 SYNTAX=NO JOBID=TAB TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF TAB
10 STTE EQ SC
10 CNTY EQ 003
20 QL TOP=YES
40 NPID FNMS TAB4 MADI TAB4 FTYP

         ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/21/89                                                PAGE:  1
                      EXAMPLE OF TAB
QL*************************************************************QL
NPID      FNMS                          MADI    FTYP
--------- --------------------------    ----    ----
SC0000043 GRANITEVILLE CO/GREGG WATER PT          I
SC0000051 GRANITEVILLE CO/WATER PLANT             I
```

4.9.7 Multiple Display Lines

On a QL retrieval, you can display up to 132 characters on a 40 card. Sometimes this may not be enough room so you are allowed to use more than one 40 card to display data. You are allowed to use up to five 40 cards and each 40 card can display 132 characters. You specify additional 40 cards by typing 40 followed by a / and then the acronyms you want as in the following example:

```
00 SYNTAX=NO JOBID=MULT TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF MULTIPLE DISPLAY LINES
10 STTE EQ SC
10 CNTY EQ 003
20 QL
40 NPID FNMS MADI FTYP
40 / CSCH DSCD EVNT DTSC DTAC
```

This is going to print two lines on your retrieval like this:

RETRIEVAL
STATEMENTS

```
00 SYNTAX=NO JOBID=MULT TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF MULTIPLE DISPLAY LINES
10 STTE EQ SC
10 CNTY EQ 003
20 QL
40 NPID FNMS MADI FTYP
40 / CSCH DSCD EVNT DTSC DTAC

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/21/95                                                PAGE: 1
              EXAMPLE OF MULTIPLE DISPLAY LINES
QL*********************************************************QL
NPID      FNMS                           MADI FTYP
--------- ------------------------------ ---- ----
SC0000043 GRANITEVILLE CO/GREGG WATER PT        I

CSCH DSCD EVNT  DTSC     DTAC
---- ---- ----- -------- --------
01   0745 00099
01   0745 00199 01/01/89 12/09/88
01   0745 00299 01/01/90
01   0745 00399 01/01/91
01   0745 00999 10/01/89
01   0745 15099 04/01/89
01   0745 95499 01/01/90
NPID      FNMS                           MADI FTYP
--------- ------------------------------ ---- ----
SC0000051 GRANITEVILLE CO/WATER PLANT         I

CSCH DSCD EVNT  DTSC     DTAC
---- ---- ----- -------- --------
01   0745 00099
01   0745 00199 01/01/88 12/31/87
01   0745 00299 01/01/89 01/20/89
01   0745 00399 01/01/91
02   0745 00999 04/01/88
02   0745 15099 10/01/87
NPID      FNMS                           MADI FTYP
--------- ------------------------------ ---- ----
SC0000078 GRANITEVILLE CO/WOODHEAD DIV         I

CSCH DSCD EVNT  DTSC     DTAC
---- ---- ----- -------- --------
01   0745 00099
```

235

4.9.8 TOP = YES

You will notice that on every display line, the headers are also displayed. This can take up room on your report so you may not want the headers displayed on every line. On the 20 card you can specify TOP = YES and this tells the system to print the headers at the top of each page only one time as in the following example:

```
00 SYNTAX=NO JOBID=TOP TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF TOP=YES
10 STTE EQ SC
10 CNTY EQ 003
20 QL TOP=YES
40 NPID FNMS MADI FTYP
40 / TAB3 CSCH DSCD TAB2 EVNT TAB2 DTSC TAB2 DTAC
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=TOP TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF TOP=YES
10 STTE EQ SC
10 CNTY EQ 003
20 QL TOP=YES
40 NPID FNMS MADI FTYP
40 / CSCH DSCD EVNT DTSC DTAC

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/21/95                                          PAGE: 1
              EXAMPLE OF MULTIPLE DISPLAY LINES
QL*************************************************************QL
NPID      FNMS                           MADI FTYP
--------- ------------------------------ ---- ----
CSCH DSCD EVNT  DTSC     DTAC
---- ---- ----- -------- --------
SC0000043 GRANITEVILLE CO/GREGG WATER PT      I
01   0745 00099
01   0745 00199 01/01/89 12/09/88
01   0745 00299 01/01/90
01   0745 00399 01/01/91
01   0745 00999 10/01/89
01   0745 15099 04/01/89
01   0745 95499 01/01/90
SC0000051 GRANITEVILLE CO/WATER PLANT         I
01   0745 00099
01   0745 00199 01/01/88 12/31/87
01   0745 00299 01/01/89 01/20/89
01   0745 00399 01/01/91
02   0745 00999 04/01/88
02   0745 15099 10/01/87
```

4.9.9 Indenting Multiple Line Reports

When you have more than one 40 card in your retrieval, you are not allowed to use the option SUPPRESS = YES. The above report could be a little confusing to read because everything is left-justified. You can use the TAB option on the 40 card to indent the line to make it more readable as in the following example:

```
00 SYNTAX=NO JOBID=TAB TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF INDENTING MULTIPLE LINE REPORTS
10 STTE EQ SC
10 CNTY EQ 003
20 QL TOP=YES
40 NPID FNMS MADI FTYP
40 / TAB3 CSCH DSCD TAB2 EVNT TAB2 DTSC TAB2 DTAC
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________________
00 SYNTAX=NO JOBID=TAB TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF INDENTING MULTIPLE LINE REPORTS
10 STTE EQ SC
10 CNTY EQ 003
20 QL TOP=YES
40 NPID FNMS MADI FTYP
40 / TAB3 CSCH DSCD TAB2 EVNT TAB2 DTSC TAB2 DTAC

         ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

09/21/95                                                PAGE: 1
          EXAMPLE OF INDENTING MULTIPLE DISPLAY LINES
QL*************************************************************QL
NPID      FNMS                            MADI FTYP
--------- ------------------------------- ---- ----
   CSCH DSCD EVNT  DTSC     DTAC
   ---- ---- ----- -------- --------
SC0000043 GRANITEVILLE CO/GREGG WATER PT        I
   01   0745 00099
   01   0745 00199 01/01/89 12/09/88
   01   0745 00299 01/01/90
   01   0745 00399 01/01/91
   01   0745 00999 10/01/89
   01   0745 15099 04/01/89
   01   0745 95499 01/01/90
SC0000051 GRANITEVILLE CO/WATER PLANT           I
   01   0745 00099
   01   0745 00199 01/01/88 12/31/87
   01   0745 00299 01/01/89 01/20/89
   01   0745 00399 01/01/91
   02   0745 00999 04/01/88
   02   0745 15099 10/01/87
```

4.10 The 40 WITH Card

Earlier, there was an example of a retrieval that was choosing BOD with a frequency of analysis of 01/07 and the example listed those BODs plus all of the other parameters in the system for that outfall. The reason everything is listed is because the 10 cards select the facilities that have the characteristics of all of the 10 cards so in that example, the retrieval selected the facilities that had BOD with a frequency of analysis of 01/07. As you remember, the 40 card displays the acronyms in the order that you specify but when the facility has been selected using the 10 cards everything for that facility is selected and displayed using the 40 cards. In order to narrow the display of data for a particular facility, you have to use 40 WITH cards and repeat the characteristics that you specified using the 10 cards as in the following example:

```
00 SYNTAX=NO JOBID=WTH40 TIME=2M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF USING 40 WITH CARD
10 STTE EQ PA
10 MADI EQ M
10 PRAM EQ 00310
10 WITH FRAN EQ 01/07
20 QL SUPPRESS=YES
40 NPID PDSG PRAM MLOC MODN SEAN STAT FRAN SAMP LQUC LCUC
40 WITH PRAM EQ 00310
40 WITH FRAN EQ 01/07
```

The output will look like this:

```
RETRIEVAL
STATEMENTS
_____________________________________________________
00 SYNTAX=NO JOBID=WTH40 TIME=1M PRTY=2 BIN=D005 RMT=255
01 HQ EXAMPLE OF USING 40 WITH CARD
10 STTE EQ PA
10 MADI EQ M
10 PRAM EQ 00310
10 WITH FRAN EQ 01/07
20 QL SUPPRESS=YES
40 NPID PDSG PRAM MLOC MODN SEAN STAT FRAN SAMP LQUC LCUC
40 WITH PRAM EQ 00310
40 WITH FRAN EQ 01/07

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB


NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

06/19/95
                        EXAMPLE OF USING 40 WITH CARD
Q*****************************************************************QL
NPID      PDSG PRAM  MLOC MODN SEAN STAT FRAN  SAMP LQUC LCUC
--------- ---- ----- ---- ---- ---- ---- ----- ---- ---- ----
PA0001295 001A 00310 1    0    0    10   01/07 24   26
PA0002135 001A 00310 1    0    0    10   01/07 08   26
PA0002666 010A 00310 1    0    0    10   01/07 08   26
```

The only rule you have to follow using 40 WITH cards is the **last** acronym you use on your 40 card must be from the same data **type** as the acronym on your 40 WITH card as in the following example:

```
40 NPID CSCH EVNT DTSC PDSG PRAM MLOC
40 WITH PRAM EQ 00310
```

Appendix A. PCS CODE TABLES

The following tables are used with the FAC1 screen.

140 SIC CODES (1987) **(SIC2)**

4923	GAS TRANSMISSION AND DISTRIBUT
4924	NATURAL GAS DISTRIBUTION
4925	GAS PRODUCTION/DISTRIBUTION
4931	ELEC & OTHER SERVICES COMBINED
4932	GAS & OTHER SERVICES COMBINED
4939	COMBINATION UTILITY SVC, NEC
4941	WATER SUPPLY
4952	SEWERAGE SYSTEMS
4953	REFUSE SYSTEMS
4959	SANITARY SERVICES, NEC
4961	STEAM SUPPLY
4971	IRRIGATION SYSTEMS
5012	AUTOS & OTHER MOTOR VEHICLES
5013	AUTOMOTIVE PARTS AND SUPPLIES

410 TYPE OF APPLICATION CODES **(TYPA)**

LA	STANDARD A
LC	STANDARD B
LR	RAPP
SA	SHORT A
SB	SHORT B
SC	SHORT C
SD	SHORT D
TS	TENN. SHORT
2A	MUNICIPAL
2B	ANIMAL/AQUATIC
2C	INDUSTRIAL
2D	NEW SOURCES
2E	NO WASTEWATER

200 TYPE OF OWNERSHIP CODES **(TYPO)**

BPP	PUB PRI
FED	FEDERAL
PRI	PRIVATE
PUB	PUBLIC
STA	STATE

205 FACILITY TYPE INDICATOR **(FTYP)**

F	FEDERAL
I	INDUSTRIAL
M	MUNICIPAL
O	OTHER

380 PRETREATMENT PROGRAM REQUIRED INDICATOR CODES (PRET)

C	COVERED
R	PRET PROG REQD - NOT APPROVED
Y	APPROVED PRETREATMENT PROGRAM

400 NEW SOURCE CODES (NEWS)

(blank)	STD NPDES PERMIT
D	NEW DISCHARGE PERMIT
EX	EXEMPT
N	NEW SOURCE PERMIT
NO	NEW SOURCE PERMIT (OTH)
NW	NEW SOURCE PERMIT (OWE)

The following code tables are used with the FAC2 screen:

510 NMP FINAL SCHEDULE (NPSC)

A	FINAL SCH SET-AO
C	ACHIEVED COMPLIANCE
P	FINAL SCH SET-PERMIT
R	CASE FILED

520 NMP FINANCIAL STATUS OF POTW (NPFF)

0	FINANCIAL STAT-UNKNOWN
1	FINANCIAL STAT-NOT ISSUE
2	FINANCIAL STAT-ISSUE
3	UNDER CONST.-92-500
4	UNDER CONST.-STATE

530	NMP QUARTER SCHEDULE ESTABLISHED	(NPSQ)
A	QTR ENDING 3/31/84	
B	QTR ENDING 6/30/84	
C	QTR ENDING 9/30/84	
D	QTR ENDING 12/31/84	
E	QTR ENDING 3/31/85	
F	QTR ENDING 6/30/85	
G	QTR ENDING 9/30/85	
H	QTR ENDING 12/31/85	
I	QTR ENDING 03/31/86	
J	QTR ENDING 06/30/86	
K	QTR ENDING 09/30/86	
L	QTR ENDING 12/31/86	
M	QTR ENDING 03/31/87	
N	QTR ENDING 06/30/87	
O	QTR ENDING 09/30/87	
P	QTR ENDING 12/31/87	
Q	QTR ENDING 03/31/88	
S	QTR ENDING 06/30/88	
T	QTR ENDING 09/30/88	
U	QTR ENDING 12/31/88	
V	QTR ENDING 03/31/89	
W	QTR ENDING 06/30/89	
X	QTR ENDING 09/30/89	
Y	QTR ENDING 12/31/89	
Z	QTR ENDING 03/31/90	
1	QTR ENDING 06/30/90	
2	QTR ENDING 06/30/90	
3	QTR ENDING 09/30/90	

440	QNCR STATUS CODES	(CYQS)
C	COMPLIANT	
D	NON-COMPLIANT (DMR NON-RECEIPT)	
E	NON-COMPLIANT (SNC EFF VIOLATIONS)	
N	NON-COMPLIANT (RNC VIOLATIONS)	
P	RESOLVED PENDING	
R	RESOLVED	
S	NON-COMPLIANT-SNC COMPLIANCE SCHEDULE VIOLATIONS	
T	NON-COMPLIANT-SNC COMPLIANCE SCHEDULE REPORT	

The following tables are used with the FAGD and OFGD screens:

471	**LATITUDE/LONGITUDE METHOD DESCRIPTIONS**	**(FLLM, PLLM)**
A	MAP INTERPOLATION	
B	NAVIGATION-QUALITY GPS	
C	REMOTE SENSING	
D	ZIP CODE CENTROID	
U	UNKNOWN	
1	ADDRESS MAPPING	
2	AERIAL PHOTO W/GROUND CONTROL	
3	CADASTRAL SURVEY	
4	STATE PLAN COORD. SYSTEM CONV	
5	TOWNSHIP-SECTION-RANGE SYS CONV	
6	UTM COORDINATES CONVERSION	
7	RAW PHOTO EXTRACTION	
8	GPS SURVEY	
9	LORAN-C NAVIGATIONAL DEVICE	
472	**LATITUDE/LONGITUDE DATUM DESCRIPTIONS**	**(FLLT, PLLT)**
U	UNKNOWN	
1	NAD27	
2	NAD83	
473	**LATITUDE/LONGITUDE SCALE DESCRIPTIONS**	**(FLLS, PLLS)**
N	NOT APPLICABLE	
U	UNKNOWN	
1	15,840	
2	20,000	
3	24,000	
4	25,000	
5	62,500	
6	63,000	
7	63,350	
8	63,360	
9	250,000	
474	**FACILITY LATITUDE/LONGITUDE DESCRIPTIONS**	**(FLLM)**
01099	CENTROID OF PROCESSING AREA	
02099	FRONT DOOR OF FACILITY	
475	**OUTFALL LATITUDE/LONGITUDE DESCRIPTIONS**	**(PLLM)**
01099	END OF DISCHARGE POINT	

800 **USGS HYDROLOGIC BASIN CODE DESCRIPTIONS (Partial List)**
(FHBC, PHBC)

01010002	ALLAGASH R
01010003	FISH R
01010004	CANADIAN BORDER
01010005	CANADIAN BORDER
01020001	PENOBSCOT R, W BR
01020002	PENOBSCOT R, E BR
01020003	MATTAWAMKEAG R
01020004	PISCATAQUIS R
01020005	PENOBSCOT R
01030001	KENNEBEC R
01030002	DEAD R
01030003	KENNEBEC R
01040001	ANDROSCOGGIN R
01040002	ANDROSCOGGIN R

801 **USGS HYDROLOGIC REGIONS (Partial List)** **(FREG,PREG)**

01	NEW ENGLAND REGION
02	MID-ATLANTIC REGION
03	SOUTH ATLANTIC-GULF REGION
04	GREAT LAKES REGION
05	OHIO REGION
06	TENNESSEE REGION
07	UPPER MISSISSIPPI REGION
08	LOWER MISSISSIPPI REGION
09	SOURIS-RED-RAINY REGION
10	MISSOURI REGION
11	ARKANSAS-WHITE-RED REGION
12	TEXAS-GULF REGION
13	RIO GRANDE REGION
14	UPPER COLORADO REGION

802 **USGS HYDROLOGIC SUB-REGIONS (Partial List)** **(FSRG, PSRG)**

0101	ST. JOHN
0102	PENOBSCOT
0103	KENNEBEC
0104	ANDROSCOGGIN
0105	MAINE COASTAL
0106	SACO
0107	MERRIMACK
0108	CONNECTICUT
0109	MASSACHUSETTS-RHODE ISLAND COASTAL
0110	CONNECTICUT COASTAL
0111	ST. FRANCOIS
0201	RICHELIEU
0202	UPPER HUDSON
0203	LOWER HUDSON-LONG ISLAND
0204	DELAWARE
0205	SUSQUEHANNA

803 USGS HYDROLOGIC ACCOUNTING UNIT (Partial List)
(FAUN,PAUN)

010100	ST. JOHN.
010200	PENOBSCOT.
010300	KENNEBEC.
010400	ANDROSCOGGIN.
010500	MAINE COASTAL.
010600	SACO.
010700	MERRIMACK.
010801	UPPER CONNECTICUT
010802	LOWER CONNECTICUT
010900	MASSACHUSETTS-RHODE ISLAND COASTAL.
011000	CONNECTICUT COASTAL.
011100	ST. FRANCOIS.
020100	RICHELIEU.
020200	UPPER HUDSON.
020301	LOWER HUDSON
020302	LONG ISLAND

804 USGS REACH NUMBER/SEGMENT NUMBERS/MAXIMUM MILEAGE (Partial List)
(FREA, PREA)

01010003	0010	05200
01010003	0011	11000
01010003	0012	00200
01010003	0013	00500
01010003	0014	15100
01010003	0015	00600
01010003	0016	03600

805 USGS STREAM CLASSIFICATION CODES (FRSC, PRSC)

A	OPEN WATER REACH
B	BI-DIRECTIONAL REACH
C	COASTLINE
E	ENTRY REACH
G	GREAT LAKES SHORELINE
I	ISLAND SHORELINE
L	LAKE (NOT GREAT LAKE) OR RESERVOIR SHORELINE
M	OPEN WATER REACH
N	ISOLATED REACH
R	REGULAR REACH
S	SOURCE OF HEADWATERS REACH
T	TERMINAL REACH
W	WIDE RIVER SHORELINE
X	SOURCE AND TERMINAL REACH
Z	TERMINAL AND ENTRY REACH

The following code table is used with the PTRK screen:

110	PERMIT TRACKING EVENT CODES	(PTEV)
P1099	APPLICATION RECEIVED	
P2099	APPLICATION COMPLETE	
P3099	DRAFT PERMIT/PUBLIC NOTICE	
P4099	PERMIT ISSUED	
P5099	PERMIT EXPIRED	
P6099	PERMIT EFFECTIVE	
30099	PERMIT MODIFIED	

The following code tables are used with the CSCH screen:

175	COMPLIANCE SCHEDULE NUMBERS	(CSCH)
AA	301 (I) (1)	
AB	301 (I) (2)	
AC	301 (H)	
AD	308 LETTER	
BI	BIOMNTRNG SCH EST BY ENF ACT	
CC	SCHED ESTBLISHED BY CCP	- EXTENDED CS
CP	SCHED REQUIRING DEV OF CCP	
DA	309 (A) (5) (A)-INTERIM	- EXTENDED CS
DB	309 (A) (5) (A)-FINAL	- EXTENDED CS
DC	309 (A) (5) (A)-MUNICIPALS	- EXTENDED CS
DD	309 (A) (5) (B)	- EXTENDED CS
DE	309 (A) (6)	- EXTENDED CS
DF	309 (A) (3)	
DZ	ADMIN. ORDERS FOR INDUSTRIALS	- EXTENDED CS
FF	FED FACILITY COMP AGREEMENT	- EXTENDED CS
GA	FED. JUDICIAL DECREES	- EXTENDED CS
HA	STATE JUDICIAL DECREES	- EXTENDED CS
HC	STATE NON-JUDICIAL DECREES (IND & MUN)	- EXTENDED CS
JA	STATE ADMIN. DECREES	- EXTENDED CS
MC	ENF SCH FOR MUN COMP STRATGY	- EXTENDED CS
MI	308 REG FOR MUNI COMP STRATEGY	
MP	REQ ENF SCH FOR MUN COMP STRAT	
NI	NOV FOR INDUSTRIALS	
NM	NOV FOR MUNICIPALS	
PT	PRETREATMENT	- EXTENDED CS
SL	SLUDGE	
TR	PRETREATMENT	
01		
02		
03		

020	COMPLIANCE SCHEDULE EVENT CODES	(EVNT)
00199	1ST REPORT OF PROGRESS	1 R
00299	2ND REPORT OF PROGRESS	1 R
00399	3RD REPORT OF PROGRESS	1 R
00499	4TH REPORT OF PROGRESS	1 R
00599	5TH REPORT OF PROGRESS	1 R
01799	COMPLETE PLANS & SPECS	1 S
01899	ADVERTISE FOR BIDS	1 S
02599	FINANCING COMPLTE CONTR AWRD	1 S
03099	BEGIN CONSTRUCTION	1 S
03599	1ST RPT CONSTRUCTION PROGRESS	1 R
03699	2ND RPT CONSTRUCTION PROGRESS	1 R
03799	3RD RPT CONSTRUCTION PROGRESS	1 R
03899	4TH RPT CONSTRUCTION PROGRESS	1 R
03999	5TH RPT CONSTRUCTION PROGRESS	1 R
04599	END CONSTRUCTION	1 S
05099	BEGIN DISCHARGE	1 S
05199	END DISCHARGE	1 S
05599	OPERATIONAL LEVEL ATTAINED	1 S
05699	FINAL COMPLIANCE W/EFF LIMITS	1 S

The following code tables are used with the CVIO screen:

480	COMPLIANCE VIOLATION CODES (AUTO AND MANUAL)	(CVIO)
C10	REPORTED LATE VIOLATION	
C20	ACHIEVED LATE VIOLATION	
C30	UNACHIEVED VIOLATION	
C40	NOT RECEIVED VIOLATION	
M00	MANUAL COMP VIO (GENERIC)	
M10	MANUAL REPORTED LATE VIOLATION	
M20	MANUAL ACHIEVED LATE VIOLATION	
M30	MANUAL UNACHIEVED VIOLATION	
M40	MANUAL NOT RECEIVED VIOLATION	

The following tables are used with the INSP screen:

280	**INSPECTION TYPE CODES**	**(TYPI)**
A	PERFORMANCE AUDIT	
B	COMPLIANCE BIOMONITORING	
C	COMPLIANCE EVAL (NON-SAMPLING)	
D	DIAGNOSTIC	
E	CORPS OF ENGINEERS INSPECTION	
F	PRETREATMENT FOLLOW-UP	
G	PRETREATM ENT AUDIT	
I	INDUSTRIAL USER INSPECTION	
L	ENFORCEMENT CASE SUPPORT	
P	PRETREATMENT COMPL. INSPECTION	
R	RECONNAISSANCE	
S	COMPLIANCE SAMPLING	
U	IND. USER INSP. W/PRET. AUDIT	
X	TOXICS INSPECTION	
2	IU SAMPLING INSPECTION	
3	IU NON-SAMPLING INSPECTION	
4	IU TOXICS INSPECTION	
5	IU SAMPLING INSPECTION W/PRETREATMENT	
6	IU NON-SAMPLING INSPECTION W/PRETREATMENT	
7	IU TOXICS W/PRETREATMENT	
290	**INSPECTOR CODES**	**(INSP)**
C	CONTRACTOR	
E	CORPS OF ENGINEERS	
J	JOINT EPA & ST (EPA LEAD)	
N	NEIC	
R	EPA (REGIONAL)	
S	STATE	
T	JOINT EPA & ST (ST LEAD)	
300	**INSPECTED FACILITY TYPE CODES**	**(FACC)**
1	MUNICIPAL	
2	INDUSTRIAL	
3	AGRICULTURAL	
4	FEDERAL	
260	**BIOMONITORING INSPECTION METHODS CODES**	**(BIOM)**
B	DISCRETE ACUTE	
C	DISCRETE CHRONIC	
D	DISCRETE METHOD	
F	FLOW-THROUGH METHOD	
G	FLOW-THROUGH ACUTE	
H	FLOW-THROUGH CHRONIC	

The following code tables are used with the PCI1 screen:

560	**PROGRAM ELEMENT CHANGES**	**(PRCH)**
A	LEGAL AUTHORITY	
C	CONTROL MECH. IMPLEMENTATION	
E	ENFORCEMENT PROGRAM	
I	INSPECTION/MONITORING PROGRAM	
L	LOCAL LIMITS	
R	RESOURCES	

580	**CONTROL MECHANISM DEFICIENCIES**	**(CMDF)**
A	REF TO LOCAL ORD./LEGAL AUTH	
C	STANDARD CONDITIONS	
D	EFFECTIVE AND EXPIRATION DATES	
I	IU SELF-MONITORING REQ	
L	APPLICABLE DISCHARGE LIMITS	
R	IU REPORTING REQ	
S	SAMPLING LOCATION	
T	SAMPLE TYPE	

570	**DEFICIENCIES IDENTIFIED DURING IU FILE REVIEW**	**(FIDF)**
C	CONTROL MECHANISMS	
E	ENFORCEMENT BY THE POTW	
F	FILE CONTENTS	
I	IU SELF-MONITORING	
M	POTW COMPLIANCE MONITORING	
S	SPILLS/SLUG LOADING	

680	**ACCEPTANCE OF WASTES OTHER THAN DOMESTIC & INDUST.**	**(WSTE)**
L	LANDFILL LEACHATE	
N	NONE	
O	OTHER	
R	RCRA/CERCLA SITE WASTES/LEACH	
S	HAULED SEPTAGE	

670	**REMOVAL CREDITS**	**(RECR)**
A	APPROVED	
D	DENIED	
N	NOT APPLICABLE	
P	PENDING	

The following code tables are used with the Pretreatment screens:

660	**DEFICIENCIES IN POTW SAMPLING OF IU'S**	**(SMDF)**
C	INADEQUATE CHAIN OF CUSTODY	
F	INADEQUATE SAMPLING FREQUENCY	
P	IMPROPER SAMPLING PROTOCOLS	
S	IMPROPER/INADEQ PARAMS SAMP	
T	IMPROPER SAMPLE TYPES	

650	**MULTIJURISDICTIONAL AGREEMENT DEFICIENCIES**	**(MADF)**
A	LACK OF OVERSIGHT AUTHORITY	
I	LACK OF INSPECTION AUTHORITY	
N	LACK OF REMEDIES FOR NON-COMPL	
R	POOR DELINEATION OF RESPONSIB	
690	**TECHNICAL EVALUATION FOR LOCAL LIMITS**	**(EVLL)**
N	NO	
P	PARTIAL	
Y	YES	
700	**ADOPTION OF TECHNICALLY BASED LOCAL LIMITS**	**(ADLL)**
N	NO	
Y	YES	
Z	NOT APPLICABLE	
640	**SLUDGE DISPOSAL METHODS**	**(SLDG)**
A	LAND APPLICATION	
D	OCEAN DISPOSAL	
I	INCINERATION	
L	LANDFILL	
O	OTHER	
P	PUBLIC DIST/MARKETING	
S	SURFACE IMPOUNDMENTS	
600	**INADEQUACIES IN PRETREATMENT RESOURCES**	**(RESO)**
A	INSUFF ACCESS TO ANALYT EQUIP	
E	INSUFF SAFETY EQUIPMENT	
F	INSUFFICIENT FUNDING	
P	INADEQ NUMBERS OF PERSONNEL	
S	INSUFF SAMPLING EQUIPMENT	
T	INSUFF TRAINING OF PERSONNEL	
V	INSUFF NUMBERS OF VEHICLES	
590	**LEGAL AUTHORITY DEFICIENCIES**	**(LADF)**
A	APPLYING & ENFORCING PT STANDARDS	
C	COMPLYING W/CONFIDENTIALITY REQUIREMENTS	
D	DENY/CONDITION NEW/INCREASED CONTRIB	
H	HALTING/PREVENTING DISCHARGES	
I	ALLOWING IU INSPECTIONS & SAMPLING	
N	OBTAINING REMEDIES FOR NON-COMPLIANCE	
P	CONTROL IU THRU PERMIT, CONTRACT, ETC.	
R	REQUIRING SUBMISSION OF IU REPORTS	
S	REQUIRING DEV OF IU COMPLIANCE SCHED	

630	**DEFICIENCIES IN INTERP. & APPL. OF PRET. STANDARDS**	**(APDF)**
A	FAIL TO APPLY MORE STRINGENT STANDARD	
C	INCORRECT CATEGORIZATION OF IUS	
D	IMPROPER DESIGNATION OF SAMP LOCATION	
I	FAIL TO IDENTIFY CIUS	
L	APPLIC OF INAPPROPRIATE LONG-TERM AVG	
M	FAIL TO USE EFFECTIVE CONTROL MECHANISM	
P	IMPROPER APPLIC OF PROD-BASED STANDARDS	
S	INADEQUATE SAMPLE TYPE AND/OR FREQUENCY	
T	FAIL TO APPLY APPROPRIATE TTO LIMITS	
W	MISUSE OF COMBINED WASTESTREAM FORMULA	
620	**INADEQUACY OF POTW'S INSPECTION & SAMPLING OF IUs**	**(ADIN)**
A	FAIL TO ASSESS COMPLIANCE OF IU'S	
C	FAIL TO CHARACTERIZE IU POLLUTANTS	
E	FAIL TO PROVIDE ADMISSIBLE EVIDENCE	
I	FAIL TO INVESTIGATE NON-COMPLIANCE	
R	FAIL TO RECEIVE/REVIEW ALL IU REPORTS	
610	**DEFICIENCIES IN DATA MANAGEMENT & PUBLIC PARTICIP.**	**(DMDF)**
A	FAIL TO PROV PUBLIC ACCESS TO EFFL DATA	
C	FAIL TO HANDLE CONFIDENT IALITY	
D	POOR DOCUMENT OF ACTIVITY IN IU FILES	
M	FAIL TO MAINTAIN RECORDS FOR 3 YEARS	
N	FAIL TO NOTIFY RE. DEV OF LOCAL LIMITS	
P	FAIL TO PUB ANNUAL LIST OF SIGNIF VIOL	

The following code tables are used with the OFLG screen:

780	**OUTFALL TYPE**	**(OUTT)**
	EFFLUENT	
A	SANITARY SEWERS	
C	CSO	
I	INFLUENT	
L	TRIGGER LIMITS	
M	INTERMTNT DISCH	
N	INTERNAL OUTFALL	
O	TREATED CSO	
P	MONITORING WELL	
R	STORMWATER	
S	SLUDGE	
T	STREAM	
W	MONITORING WELL	
X	EXTRA PIPE	

220	TYPE OF EFFLUENT WASTE	(WAST)

01	SANITARY
02	NONCONTACT COOLING WATER
03	STORM WATER RUNOFF
04	PROCESS WATER
05	OTHER
06	SANI,COOLING
07	SANI,COOLING,RUNOFF
08	SANI,COOLING,RUNOFF,PROCESS
09	SANI,COOLNG,RUNOFF,PROC,OTH
10	SANI,RUNOFF
11	SANI,RUNOFF,PROCESS
12	SANI,RUNOFF,PROCESS,OTHER
13	SANI,PROCESS
14	SANI,PROCESS,OTHER
15	SANI,OTHER
16	COOLING,RUNOFF
17	COOLING,RUNOFF,PROCESS
18	COOLING,RUNOFF,PROCESS,OTH
19	COOLING,PROCESS
20	COOLING,PROCESS,OTHER
21	COOLING,OTHER
22	RUNOFF,PROCESS
23	RUNOFF,PROCESS,OTHER
24	RUNOFF,OTHER
25	PROC,OTHER
26	SANI,COOLING,PROCESS
27	SANI,COOLING,OTHER
28	SANI,COOLING,PROCESS,OTHER
29	SANI,RUNOFF,OTHER
30	COOLING,RUNOFF,OTHER
31	SANI,COOLING,RUNOFF,OTHER
32	CONTACT COOLING WATER
33	CONT COOL WATER/PROC/COOLING
34	GROUND WATER TREATMENT
35	MINE PIT DEWATERING
36	CONTACT & NON-CONTACT COOL WTR

The following code table is used with the OFLT screen:

198	TREATMENT TYPES	(TRET)
1A	AMMONIA STRIPPING	
1B	DIALYSIS	
1C	DIATOMACEOUS EARTH FILTRATION	
1D	DISTILLATION	
1E	ELECTRODIALYSIS	
1F	EVAPORATION	
1G	FLOCCULATION	
1H	FLOTATION	
1I	FOAM FRACTIONATION	
1J	FREEZING	
1K	GAS-PHASE SEPARATION	
1L	GRINDING (COMMINUTORS)	
1M	GRIT REMOVAL	
1N	MICROSTRAINING (MICROSCREENING)	
1O	MIXING	
1P	MOVING BED FILTERS (MBF)	
1Q	MULTIMEDIUM FILTRATION	
1R	RAPID SAND FILTRATION	
1S	REVERSEOSMOSIS (HYPERFILTRATION)	
1T	SCREENING	
1U	SEDIMENTATION (SETTLING)	
1V	SLOW SAND FILTRATION	
1W	SOLVENT EXTRACTION	
1X	SORPTION	
1Y	EQUALIZATION	
1Z	INTERMITTENT SAND FILTERS	
2A	CARBON ADSORPTION	
2B	CHEMICAL OXIDATION	
2C	CHEMICAL PRECIPITATION	
2D	COAGULATION	
2E	DECHLORINATION	
2F	DISINFECTION (CHLORINE)	
2G	DISINFECTION (OZONE)	
2H	DISINFECTION (OTHER)	
2I	ELECTROCHEMICAL TREATMENT	
2J	ION EXCHANGE	
2K	NEUTRALIZATION	
2L	REDUCTION	
2M	ODOR CONTROL	
2N	CHEMICAL HYDROLYSIS	
3A	ACTIVATED SLUDGE	
3B	AERATED LAGOONS	
3C	ANAEROBIC TREATMENT	
3D	NITRIFICATION - DENITRIFICATION	
3E	PRE-AERATION	
3F	SPRAY IRRIGATION/LAND APPLICATION	
3G	STABILIZATION PONDS	
3H	TRICKLING FILTRATION	
3I	ROTATING BIOLOGICAL CONTACTORS	
3J	POLISHING LAGOONS	
3K	BIOLOGICAL HYDROLYSIS	
3L	POST AERATION	
3M	TREATMENT BY PLAIN AERATION	
3N	HOLDING OR DETENTION POND	
3P	1 CELL LAGOON	
3Q	2 CELL LAGOON	
3R	3 CELL LAGOON	

3S	4 CELL LAGOON
3T	SEPTIC TANKS
3U	BIOLOGICAL REACTOR
3V	FACULTATIVE LAGOON
4A	DISCHARGE TO SURFACE WATER
4B	OCEAN DISCHARGE THROUGH OUTFALL
4C	REUSE/RECYCLE OF TREATED EFFLUENT
4D	UNDERGROUND INJECTION
4E	REUSE OR SALE OF WASTE WATER
4F	TEMPERATURE CONTROL
4G	EUTECTIC FREEZING
4H	GREASE REMOVAL
4I	DISINFECTION (ULTRAVIOLET)
4J	HYDROGRAPHIC CONTROL RELEASE
4K	DIFFUSED OUTFALL
5A	AEROBIC DIGESTION
5B	ANAEROBIC DIGESTION
5C	BELT FILTRATION
5D	CENTRIFUGATION
5E	CHEMICAL CONDITIONING
5F	CHLORINE TREATMENT
5G	COMPOSTING
5H	DRYING BEDS
5I	ELUTRIATION
5J	FLOTATION THICKENING
5K	FREEZING (SLUDGE TREATMENT)
5L	GRAVITY THICKENING
5M	HEAT DRYING
5N	HEAT TREATMENT
5O	INCINERATION
5P	LAND APPLICATION (SLUDGE)
5Q	LANDFILL
5R	PRESSURE FILTRATION
5S	PROLYSIS
5T	SLUDGE LAGOONS
5U	VACUUM FILTRATION
5V	VIBRATION
5W	WET AIROXIDATION
5X	SLUDGE-TRANSPO OTHER TREAT FAC
6A	EXCESS FLOW TREATMENT
6B	IMHOFF TANK
6C	IRRADIATION/BETA RAY
6D	IRRADIATION/GAMMA RAY
6E	LIME STABILIZATION
6F	OIL-WATER SEPARATOR
6G	PASTEURIZATION
6H	PHOSPHOROUS REMOVAL
6I	ROCK FILTER
6J	SUBSURFACE SEEPAGE
6K	THERMOPHILIC DIGESTION
6L	TWO STAGE ACTIVATED SLUDGE
6M	VEGATATIVE FILTER
8A	PRIMARY TREATMENT
8B	SECONDARY TREATMENT
8C	TERTIARY TREATMENT
8D	LAGOON(S)
8E	OXIDATION POND OR DITCH
8F	CONTACT STABILIZATION
8G	EXTENDED AERATION

8H	CONSTRUCTED WETLAND
8I	SEQUENTIAL BACH REACTOR

The following code tables are used with the LIMS and LIMM screens:

310	**LIMIT TYPE CODES**	**(LTYP)**
I	INITIAL	
M	INTERIM	
F	FINAL	

080	**MONITORING LOCATION CODES**	**(MLOC)**
+	SLUDGE	
&	EFFLUENT GROSS	
/	SAMPLED DURING ACTUAL RAINFALL	
>	INCREASE (NOT END OF PIPE)	
#	SEE COMMENTS BELOW	
@	SAMPLED AT BENEFICIAL REUSE	
A	DISINFECT,PRCS CMPLT	
B	PRIOR TO DISINFECT	
C	NITROGEN,REMOVAL CMP	
D	ADV/TERT PRCS CMPLT	
E	SEC/BIOL PRCS CMPLT	
F	PRI/PRLM PRCS CMPLT	
G	RAW SEW/INFLUENT	
H	DURING MANUFACTURING	
I	INTAKE FROM WELL	
J	INTMD TRT,PRCS CMPLT	
K	PERCENTREMOVAL	
L	DIGESTOR	
M	UP- AND DOWN- STREAM	
N	IN AERATION UNIT	
O	SEE COMMENTS BELOW	
P	SEE COMMENTS BELOW	
Q	SEE COMMENTS BELOW	
R	SEE COMMENTS BELOW	
S	SEE COMMENTS BELOW	
T	SEE COMMENTS BELOW	
U	SEE COMMENTS BELOW	
V	SEE COMMENTS BELOW	
W	SEE COMMENTS BELOW	
X	END-CHLORINE CONTACT CHMBR	
Y	ANNUAL AVERAGE	
Z	INSTREAM MONITORING	
0	INTAKE	
1	EFFLUENT GROSS VALUE	
2	EFFLUENT NET VALUE	
3	INTAKE PUBLIC WATER	
4	PRETREAT,PRCS CMPLT	
5	UPSTREAM MONITORING	
6	DOWNSTREAM MONITOR	
7	INTAKE FROM STREAM	
8	OTHER TRT,PRCS CMPLT	
9	PHOS RMVL,PRCS CMPLT	

130	STANDARDS BASIS CODES	(STBA)
A	EFFLUENT GUIDELINES	
B	NON DEGRADATION STNDS	
1	WQS	
2	BCT	
3	BAT	
4	BPWTT	
5	BPT	
6	STS	
7	NSPS	
8	BMP	
9	TES	

N/A	NOT APPLIC	N
N/R	NOT REPORTD	Y
N/V	NOT VALID	N
AL/EV	ALL EVENTS	N
AL/RN	ALTERNTRUN	N
BI/WK	BI- WEEKLY	N
CL/OC	CHLRNTN/OCCURS	N
DL/DS	DLY WHNDISCHRG	Y
ESTMT	ESTI- MATE	N
EV/2H	EVERY 2HOURS	N
LF/PT	LIFE/ PERMIT	N
MEASD	MEA- SURED	N
MM/WD	MONTHLYWHN DIS	N
N/R	NOT REPORTD	Y
REPRT	REPORT	N
WH/DS	WHEN DISCHRG	Y
WH/MN	MEASRD WHN MON	N
01/BA	ONCE/ BATCH	N
01/BD	ONCE/BEFOREDIS	N
01/DD	ONCE/ DSCHDY	N
01/DM	ONCE/ DSCHMN	N
01/DQ	ONCE/ DSCHQTR	N
01/DS	ONCE/ DISCHG	N
01/DW	ONCE/ DSCHWK	N
01/EP	ONCE/PRMTCYCLE	N
01/HR	ONCE/ HOUR	N
01/HV	ONCE/ HARVEST	N
01/OC	ONCE/ OCCURNC	N
01/RN	ONCE / RN EVNT	N
01/RP	ONCE/ RPT PER	N
01/SH	ONCE/ SHIFT	N
01/SN	ONCE/ SEASON	Y
01/YR	ANNUAL	Y
01/01	DAILY	Y
01/02	ONCE/ 2 DAYS	Y
01/03	ONCE/ 3 DAYS	Y
01/04	ONCE/ 4 DAYS	Y
01/05	ONCE/ 5 DAYS	Y
01/06	ONCE/ 6 DAYS	Y
01/07	WEEKLY	Y
01/08	ONCE/ 8 DAYS	Y
01/09	ONCE/ 9 DAYS	Y
01/10	ONCE/ 10 DAYS	Y
01/11	ONCE/ 11 DAYS	Y
01/12	ONCE/ 12 DAYS	N
01/13	ONCE/ 13 DAYS	Y
01/14	ONCE/ 2WEEKS	Y
01/2Y	ONCE/ 2 YEARS	N
01/21	ONCE/ 3 WEEKS	N
01/28	ONCE/ 4WEEKS	Y
01/30	ONCE/ MONTH	Y
01/4M	ONCE/ 4 MONTH	Y
01/5M	ONCE/ 5MONTHS	Y
01/5Y	ONCE/ 5 YEARS	N
01/6M	ONCE/ 6MONTHS	Y
01/60	ONCE/ 2MONTH	Y
01/7M	ONCE/ 7MONTHS	Y

01/8H	ONCE/ 8 HOURS	N
01/90	QTRLY	Y
01/99	INSTNT	N
02/BA	TWICE/ BATCH	N
02/DA	2 DAYS/WEEK	N
02/DD	TWICE/ DRWDOWN	N
02/DS	TWICE/ DISCH	N
02/DW	TWICE/ DSCHWK	N
02/HR	TWICE/ HOUR	N
02/RP	TWICE/ RPT PER	N
02/SH	TWICE/ SHIFT	N
02/SN	TWICE/ SEASON	N
02/YR	SEMI- ANNUAL	Y
02/01	TWICE/ DAY	Y
02/07	TWICE/ WEEK	Y
02/12	TWICE/ 12 DAYS	N
02/30	TWICE/ MONTH	Y
02/5Y	TWICE/ 5 YEARS	N
02/57	TWICE/ 5 YEARS	N
02/90	TWICE QTRLY	Y
02/99	SEE PERMIT	N
03/BA	THREE/ BATCH	N
03/DS	THREE/ DISCHG	N
03/DW	3 DAYS/WEEK	N
03/RP	THREE/ RPT PER	N
03/YR	THREE/ YEAR	Y
03/01	THREE/ DAY	Y
03/05	THREE/ 5 DAYS	Y
03/07	THREE/ WEEK	Y
03/08	THREE/ 8 DAYS	Y
03/12	3 PER /12 HOUR	N
03/30	THREE/ MONTH	Y
03/5Y	THREE/ 5 YEARS	N
03/6M	THREE/ 6MONTHS	Y
03/90	THREE/ QUARTER	Y
03/99	SEE PERMIT	N
04/BA	FOUR/ BATCH	N
04/HR	4 TIMES/HOUR	N
04/RP	FOUR/ RPT PER	N
04/YR	FOUR/ YEAR	N
04/01	FOUR/ DAY	Y
04/07	FOUR/ WEEK	Y
04/30	FOUR/ MONTH	Y
04/90	4 TIMES/QRTLY	N
04/99	SEE PERMIT	N
05/BA	FIVE/ BATCH	N
05/DW	5 DAYS/WEEK	N
05/WK	5 TIMES/WEEK	Y
05/01	5 TIMES/DAY	Y
05/07	WEEK- DAYS	Y
05/08	FIVE/ 8 DAYS	Y
05/30	5 TIMES/MONTH	N
05/90	FIVE/ QRTLY	Y
05/99	SEE PERMIT	N
06/SH	SIX/OPRSHIFT	N
06/01	SIX/ DAY	Y
06/07	SIX/ WEEK	Y
06/30	6 TIMES/MONTH	N
06/90	SIX/ QRTLY	N

258

06/99	SEE PERMIT	N
07/WD	WEEKLY WHN DIS	N
07/WK	7 TIMES/WEEK	N
07/14	7 PER 2 WEEKS	N
07/30	7 TIMES/MONTH	N
07/99	SEE PERMIT	N
08/BA	EIGHT/ BATCH	N
08/01	EIGHT/ DAY	Y
08/30	EIGHT/ MONTH	Y
08/99	SEE PERMIT	N
09/01	NINE/ DAY	Y
09/30	NINE/ MONTH	Y
09/99	SEE PERMIT	N
10/30	TEN/ MONTH	Y
10/99	SEE PERMIT	N
11/30	ELEVEN/MONTH	N
12/01	TWELVE/DAY	Y
12/30	12 PER MONTH	Y
13/30	THIRTN/MONTH	N
14/30	FOURTN/MONTH	N
15/30	FIFTEEN/MONTH	Y
16/01	SIXTEEN/DAY	Y
16/30	16 PER MONTH	N
17/30	SEVNTN/MONTH	N
18/01	EIGHTEN/DAY	Y
18/30	EIGHTEN/MONTH	Y
19/30	NINETN/MONTH	N
20/30	TWENTY/MONTH	N
21/30	TWTYONE/MONTH	N
22/30	TWTYTWO/MONTH	N
23/30	TWTYTHR/MONTH	N
24/HR	24TIMES/HOUR	N
24/01	HOURLY	Y
24/30	TWTYFOR/MONTH	N
25/30	TWTYFIV/MONTH	N
26/30	TWTYSIX/MONTH	N
27/30	TWTYSVN/MONTH	N
28/30	TWTYEGT/MONTH	N
29/30	TWTYNIN/MONTH	N
48/01	EVERY 1/2 HR	Y
60/HR	60TIMES/HOUR	N
66/66	WPC PLAN	N
77/77	CONTIN-GENT	N
88/88	CLEAN- ING	N
99/99	CONTIN-UOUS	N

AH	HRDALL
CA	CALCTD
CG	CMPGRB
CN	CONTIN
CP	COMPOS
CR	CK REQ
CS	CORSAM
CT	CERTIF
CU	CURVE
DA	DAILAV
DS	DISCRT
ES	ESTIMA
FI	FLOIND
GH	5GR24H
GM	GRAB10
GR	GRAB
G2	GRAB-2
G3	GRAB-3
G4	GRAB-4
G5	GRAB-5
G6	GRAB-6
G7	GRAB-7
G8	GRAB-8
G9	GRAB-9
IM	IMERSN
IN	INSTAN
IS	INSITU
IT	IMRSTB
MC	MATHCL
MF	MAGFLO
MP	MATHCP
MS	MEASRD
MT	METER
NA	NOT AP
NR	NOTRPT
OC	OCCURS
PC	PMPCRV
PL	PMPLOG
RC	RCORDR
RD	RNG-DA
RF	RCDFLO
RG	RANG-C
RP	REPRES
RT	RCOTOT
R4	RNG-4A
SB	SQBCHR
SE	SNGLES
SM	SUMATN
SR	SGLRDG
SS	STAT-SH
ST	STATIC
S1	SQBTH1
S2	SQBTH2
S3	SQBTH3
TI	TIMEMT
TM	TOTALZ
VI	VISUAL

01	COMP-1
02	COMP-2
03	COMP-3
04	COMP-4
05	COMP-5
06	COMP-6
08	COMP-8
1H	AVG-1H
10	COMP10
12	COMP12
16	COMP16
2H	AVG-2H
20	COMP20
22	BATCH
24	COMP24
28	COMP28
3G	3GR/HR
4C	4DA24C
4H	AVG-4H
5G	5GR45M
72	COMP72
96	COMP96
99	COMPWK

450 CONTESTED PARAMETER CODES (CONP)

X	CONTESTED-STILL PRINTED ON DMR
Y	CONTESTED-NOT PRINTED ON DMR

180	UNIT CODES		(LQUC,LCUC)
		NO UNITS	NO UNITS CODED
00	BARREL/MONTH	BARREL/MN	BARRELS PER MONTH
01	KG/ DAY	KG/DAY	KILOGRAMS PER DAY
02	KG/ 1000GA	KG/1000GA	KILOGRAMS PER 1000 GALLONS
03	MGD	MGD	MILLION GALLONS PER DAY
04	DEG.C	DEG.C	DEGREES CENTIGRADE
05	MBTU/ HR	MBTU/HR	MILLION BTU'S PER HOUR
06	MBTU/ DAY	MBTU/DAY	MILLION BTU'S PER DAY
07	GPD	GPD	GALLONS PER DAY
08	CFS	CFS	CUBIC FEET PER SECOND
09	JTU	JTU	JACKSON TURBIDITY(CANDLE) UNIT
1A	DEGREEFROM N	DEG FRM N	DIRECTION, DEGREES FROM NORTH
1B	CENTI-POISES	CP	CENTIPOISES
1C	NUMBER/ML	NUMBER/ML	NUMBER PER MILLILITER
1D	CENTI-METERS	CM	CENTIMETERS
1E	ADMI UNITS	ADMI UNIT	COLOR - ADMI UNITS
1F	UMHOS	UMHOS	MICROMHOS
1G	BTU	BTU	BRITISH THERMAL UNITS
1H	10 LBS/YEAR	10 LBS/YR	10 POUNDS PER YEAR
1I	LBS/ SEASON	LB/SEASON	POUNDS PER SEASON
1J	INCHES/DIA	INCH/DIA	INCHES PER DIAMETER
1K	FIBERS/L	FIBERS/L	FIBERS PER LITER
1L	UG/KG	UG/KG	MICROGRAMS PER KILOGRAM
1M	# DAYS	# OF DAYS	# OF DAYS
1N	BARREL	BARRELS	BARRELS
1P	FIBERS/ML	FIBERS/ML	FIBERS/MILLILITER
1Q	TIME (HHMM)	TIME,HHMM	TIME (HHMM)
1R	LBS / 1000GL	LBS/1000G	POUNDS / 1000 GALLONS
1S	CYCLES	CYCLES	CYCLES
1T	BARREL/ DAY	BARREL/DY	BARRELS PER DAY
1U	RATIO	RATIO	RATIO
1V	BTU'S /SECND	BTU/SECND	BTU'S PER SECOND
1W	KG/ MONTH	KG/MONTH	KILOGRAMS PER MONTH
1X	GALLON/HOUR	GALLON/HR	GALLONS PER HOUR
1Y	LBS/ 100LBS	LBS/100LB	POUNDS PER 100 POUNDS
1Z	PCI/ML	PCI/ML	PICOCURIES PER MILLILITER
10	PT-CO	PT-CO	COLOR - PLATINUM COBALT UNIT
11	UMHO/ CM	UMHO/CM	CONDUCTANCE-MICROMHO'S PER CM
12	SU	SU	STANDARD UNITS (I.E. PH)
13	#/ 100ML	#/100ML	NUMBER PER 100 MILLILITERS
14	MIN- UTES	MINUTES	MINUTES
15	DEG.F	DEG.F	DEGREES FAHRENHEIT
16	M3/ DAY	M3/DAY	CUBIC METERS PER DAY
17	PCI/L	PCI/L	PICOCURIES PER LITER
18	CNT/L	CNT/L	COUNTS PER LITER
19	MG/L	MG/L	MILLIGRAMS PER LITER
2A	MGAL/ YR	MGAL/YR	MILLION GALLONS PER YEAR
2B	INCH/ HR	INCH/HR	INCHES PER HOUR
2C	KG/ 1000KG	KG/1000KG	KILOGRAMS PER 1000 KILOGRAMS
2D	INCHES/DAY	INCH/DAY	INCHES PER DAY
2E	MOSM/ KG	MOSM/KG	MILLIOSMOLS PER KILOGRAM
2F	ACUTE TOXCTY	ACUTE TOX	ACUTE TOXICITY
2G	CHRONCTOXCTY	CHR TOXIC	CHRONIC TOXICITY
2H	CURIES/DAY	CURIES/DA	CURIES PER DAY
2I	% MOR-TALITY	% MORTLTY	PERCENT MORTALITY
2J	KG/HR	KG/HR	KILOGRAMS PER HOUR
2K	LBS/ MINUTE	LBS/MIN	POUNDS PER MINUTE
2L	1000 GAL/DY	1000GL/DY	1000 GALLONS PER DAY

2M	% SMPLCMPLNT	%SMPCMPLN	PERCENT SAMPLES IN COMPLIANCE
2N	TONS/ DAY	TONS/DAY	TONS PER DAY
2P	LB/ML GL/DAY	LB/MLG/DY	POUNDS PER MLN GALLONS PER DAY
2Q	MG/DAY	MG/DAY	MILLIGRAMS PER DAY
2R	LBS/HR	LBS/HOUR	POUNDS PER HOUR
2S	PPQ	PPQ	PARTS PER QUADRILLION
2T	% SUR-VIVAL	% SURVIVL	PERCENT SURVIVAL
2U	UG/DAY	UG/DAY	MICROGRAMS PER DAY
2V	MEQ/100 G SL	MEQ/100 G	MILLIEQUIVALANTS/100 GRAM SOIL
2W	M3/HR	M3/HOUR	CUBIC METERS PER HOUR
2X	M3/ MINUTE	M3/MINUTE	CUBIC METERS PER MINUTE
2Y	M3/ SECOND	M3/SECOND	CUBIC METERS PER SECOND
2Z	M3/ WEEK	M3/WEEK	CUBIC METERS PER WEEK
20	PPM	PPM	PARTS PER MILLION
21	PPB	PPB	PARTS PER BILLION
22	PPT	PPT	PARTS PER TRILLION
23	PER- CENT	PERCENT	PERCENT
24	VSL	VSL	VISUAL
25	ML/L	ML/L	MILLILITERS PER LITER
26	LBS/DY	LBS/DAY	POUNDS PER DAY
27	FEET	FEET	FEET
28	UG/L	UG/L	MICROGRAMS PER LITER
29	PSI	PSI	POUNDS PER SQUARE INCH
3A	CUBIC YARDS	CU YARDS	CUBIC YARDS
3B	FTU	FTU	FORMAZIN TUR
3C	BTU/ MINUTE	BTU/MINUT	BTU'S PER MINUTE
3D	/4 GRAM	/4 GRAM	PER FOUR GRAMS OF TOTAL SOLIDS
3E	M3/ MONTH	M3/MONTH	CUBIC METERS PER MONTH
3F	M3/ YEAR	M3/YEAR	CUBIC METERS PER YEAR
3G	0.001 LB/DAY	0.001LB/D	THOUSANDTHS POUNDS PER DAY
3H	GM/SQ /DAY	GM/SQ/DAY	GRAMS PER SQUARE METER PER DAY
3I	LBS/ 1000LB	LB/1000LB	POUNDS PER 1000 POUNDS PRODCTN
3J	1000LB/LBS	1000LB/LB	1000 POUNDS PER POUNDS PRODCTN
3K	KG/HA	KG/HECTAR	KILOGRAMS PER HECTARE
3L	PG/L	PG/L	PICOGRAMS PER LITER
3M	NG/L	NG/L	NANOGRAMS PER LITER
3N	CU FT/DRYDCK	FT3/DRYDK	CU FT PER RAISE/LOWER DRY DOCK
3P	LBS/ ACRE	LBS/ACRE	POUNDS PER ACRE
3Q	GRAMS/YEAR	GR/YR	GRAMS/YEAR
3R	MGAL	MGAL	MILLION GALLONS
3S	ML/L/ HR	ML/L/HOUR	MILLILITERS/LITER/HOUR
3T	PERCNTEFFECT	% EFFECT	PERCENT EFFECT
3U	1000#/100ML	1000#/100	1000 UNITS PER 100 MILLILITERS
3V	BBTU/HOUR	BBTU/HR	BILLION BTU'S PER HOUR
3W	STATE CLASS#	STATECLAS	STATE CLASS # A=1 B=2 NONE=0
3X	TABLE NUMBER	TABLNUMBR	TABLE NUMBER (2, 3 OR 4)
3Y	ALTER NUMBER	ALTNUMBER	ALTERNATE NUMBER
3Z	CFU/ 100ML	CFU/100ML	COLONY FORMING UNITS PER 100ML
30	MPN/ 100ML	MPN/100ML	MOST PROBABLE NUMBER PER 100ML
31	THRESHNUMBER	THRESHNUM	THRESHOLD NUMBER
32	PPTH	PPTH	PARTS PER THOUSAND
33	BTU/ HOUR	BTU/HR	BTU'S PER HOUR
34	BTU/ DAY	BTU/DAY	BTU'S PER DAY
35	GR/ DAY	GR/DAY	GRAMS PER DAY
36	GR/L	GRAMS/L	GRAMS PER LITER
37	KG/L	KG/L	KILOGRAMS PER LITER
38	MPS	MPS	METERS PER SECOND
39	FPS	FPS	FEET PER SECOND
4A	METRICTON/YR	MTPY	METRIC TONS PER YEAR

4B	METRICTON/HA	MT/HECTAR	METRIC TONS PER HECTARE
4C	MPN/GRAM	MPN/GRAM	MOST PROBABLE NUMBER PER GRAM
4D	KG/ADMT	KG/ADMT	KG PER AIR DRIED METRIC TONS
4E	DRYMETTON/YR	DMT/YR	DRY METRIC TONS PER YEAR
4F	MT/HEC/YEAR	MHA/YR	METRIC TONS PER HECTAR PER YR
4G	PCI/ DAY	PCI/DAY	PICO CURIES PER DAY
4H	PCI/ MINUTE	PCI/MIN	PICO CURIES PER MINUTE
4I	UW/ CM2	UW/CM2	MICROWATTS/SQUARE CENTIMETER
4J	COL/GM DRYWT	COL/GMDWT	COLONIES PER GRAM DRY WEIGHT
4K	#DISCH/MONTH	#DISCH/MN	# OF DISCHARGES PER MONTH
4L	DILUTNRATIO	DLTN/RTIO	DILUTION RATIO
4M	GRAMS/GRAM	GRAMS/GRM	GRAMS PER GRAMS
4N	PCI/GRAM	PCI/GRAM	PICO CURIES PER GRAM
4P	BUSHEL	BUSHELS	BUSHELS
4Q	TONS/ ACRE	TONS/ACRE	TONS PER ACRE
4R	MEQ/L	MEQ/LITER	MILLIEQUIVALENTS PER LITER
4S	MW/ CM2	MW/CM2	MILLIWATTS/SQUARE CENTIMETER
4T	MWS/ CM2	MWS/CM2	MILLIWATT-SECONDS PER SQ CENT
4U	UWS/ CM2	UWS/CM2	MICROWATT-SECONDS PER SQ CENT
4V	DVRSTYINDEX	DVRSTYIND	DIVERSITY INDEX
4W	LITERS/DAY	LITERS/DY	LITERS PER DAY
4X	# OF EXCDNC	# EXCDNCS	NUMBER OF EXCEEDANCES
4Y	#/100 LITERS	#/100LTRS	NUMBER PER 100 LITERS
4Z	NUMBER	NUMBER	NUMBER OF BATCHES
40	TPD	TPD	SHORT TONS PER DAY
41	MTPD	MTPD	METRIC TONS PER DAY
42	LBS/ TONP	LBS/TONP	POUNDS PER TON OF PRODUCTION
43	NTU	NTU	NEPHELOMETRIC TURBIDITY UNITS
44	KG/ MTPROD	KG/MTPROD	KILOGRAMS PER METRIC TON PROD
45	LBS/ 1/2TPR	LBS/1/2TP	POUNDS PER HALF-TON OF PROD
46	METERS	METERS	METERS
47	KG/ CFSSF	KG/CFSSF	KG PER CFS OF STREAMFLOW/DAY
48	MGD/ CFSSF	MGD/CFSSF	MGD PER CFS OF STREAMFLOW/DAY
49	LBS/ CFSSF	LBS/CFSSF	LBS PER CFS OF STREAMFLOW/DAY
5A	DAY	DAY	DAY
5B	MIN/ DAY	MIN/DAY	MINUTES PER DAY
5C	MGAL/ BATCH	MGAL/BTCH	MILLION GALLONS PER BATCH
5D	TONS	TONS	TONS
5E	BBTU/DAY	BBTU/DAY	BILLION BTUS PER DAY
5F	TONS/ YEAR	TONS/YEAR	TONS PER YEAR
5G	MILLI-VOLTS	MILLIVOLT	MILLIVOLTS
5H	TONS/ MONTH	TONS/MO	TONS PER MONTH
5I	COLON/GRAM	COLON/GRM	COLONIES PER GRAM
5J	NUMBER	NUMBER	NUMBER
50	LB/YR	LB/YR	POUNDS PER YEAR
51	KG/YR	KG/YR	KILOGRAMS PER YEAR
52	KG/ BATCH	KG/BATCH	KILOGRAMS PER BATCH
53	GPB	GPB	GALLONS PER BATCH
54	MEGA- WATTS	MEGAWATTS	MEGAWATTS
55	POUNDS	POUNDS	POUNDS
56	KG	KG	KILOGRAMS
57	GAL	GAL	GALLONS
58	1000 CF	1000CF	1000 CUBIC FEET
59	LBS/ WEEK	LBS/WEEK	POUNDS PER WEEK
6A	LB/TLW	LB/TLW	POUNDS PER TON LIVE WEIGHT
6B	#/40 LITERS	#/40 L	NUMBER PER 40 LITERS
6C	MLBS	MLBS	MILLION POUNDS
6D	MICRO-POUNDS	MICRO-LBS	MICRO-POUNDS
6E	CUBIC FEET	CUBIC FT	CUBIC FEET

6F	% FER-TLIZTN	%FERTLZTN	PERCENT FERTILIZATION
6G	TAXA, TOTAL#	TAXA, TOT	TAXA, TOTAL NUMBER
60	LITERS	LITERS	LITERS
61	INCHES	INCHES	INCHES
62	DEG C /HR	DEG C/HR	DEGREES CENTIGRADE PER HOUR
63	PSI/FT	PSI/FT	POUNDS PER SQUARE INCH PER FT
64	G/ML	GRAMS/ML	GRAMS PER MILLILETER
65	C/ML	C/ML	CURIES PER MILLILITER
66	LB/ BATCH	LB/BATCH	POUNDS PER BATCH
67	G/ML	G/ML	GRAMS PER MILLILITER
68	PCI/MG	PCI/MG	PICOCURIES PER MILLIGRAM
69	MG/KG	MG/KG	MILLIGRAMS PER KILOGRAM
70	DRY- TONS	DRY TONS	DRY TONS
71	MLBS/ YR	MLBS/YR	MILLION POUNDS PER YEAR
72	MG/SQ-METER	MG/SQ MET	MILLIGRAMS PER SQUARE METER
73	TOXIC UNITS	TOX UNITS	TOXICITY UNITS
74	SEVEREUNITS	SEV UNITS	SEVERITY UNITS
75	UC/ML	UC/ML	MICROCURIES PER MILLILITER
76	LB/MON	LBS/MONTH	POUNDS PER MONTH
77	MG/ CUBMSF	MG/CUBMSF	MG/DAY PER CU METER-STREAMFLOW
78	GPM	GPM	GALLONS PER MINUTE
79	HOURS/DAY	HOURS/DAY	HOURS PER DAY
8A	HOURS	HOURS	HOURS
8B	GAL/ ACR	GAL/ACR	GALLONS PER ACRE
8C	GAL/ TLW	GAL/TLW	GALLONS PER TON LIVE WEIGHT
8D	GAL/MO	GAL/MONTH	GALLONS PER MONTH
8E	GAL/YR	GAL/YEAR	GALLONS PER YEAR
8F	MGAL/ YEAR	MGAL/YEAR	MILLION GALLONS PER YEAR
8G	GAL/ WEEK	GAL/WEEK	GALLONS PER WEEK
8H	MGAL/ 6MOS	MGAL/6MOS	MILLION GALLONS PER 6 MONTHS
8I	MGAL/ QTR	MGAL/QTR	MILLION GALLONS PER QUARTER
8J	HRS/ QTR	HOURS/QTR	HOURS PER QUARTER
8K	SECS	SECONDS	SECONDS
8L	GPD/SF	GPD/SQ FT	GAL PER DAY PER SQUARE FEET
80	MGAL/ MONTH	MGAL/MON	MILLION GALLONS PER MONTH
81	HOURS/WEEK	HRS/WEEK	HOURS PER WEEK
82	HOURS/MONTH	HRS/MONTH	HOURS PER MONTH
83	DAYS/ WEEK	DAYS/WEEK	DAYS PER WEEK
84	DAYS/ MONTH	DAYS/MON	DAYS PER MONTH
85	FT3/ DAY	FT3/DAY	CUBIC FEET PER DAY
86	SVI	SVI	SLUDGE VOLUME INDEX
87	LBS/ CUBFPW	LB/CUBFPW	LBS PER CU FT PROCESSED WASTE
88	OCCUR/DAY	OCCUR/DAY	OCCURRENCES PER DAY
89	OCCUR/WEEK	OCC/WEEK	OCCURRENCES PER WEEK
9A	PASS=0FAIL=1	PASS/FAIL	PASS=0, FAIL=1
9B	PASS=1FAIL=2	PASS/FAIL	PASS=1 FAIL=2
9C	OCCUR/YEAR	OCC/YEAR	OCCURENCES PER YEAR
9D	PEOPLESERVED	POP/SERVE	POPULATION SERVED
9E	OCCUR/QTR	OCCUR/QTR	OCCURRENCES PER QUARTER
9G	OPER/ INFO	OPER/INFO	OPERATOR INFORMATION
9M	0=LOW 1=HIGH	LOW/HIGH	0=LOW 1=HIGH
9N	0=EBB 1=FLD	EBB,FLOOD	0=EBB 1=FLOOD
90	LBS/ 1000GA	LB/1000GA	POUNDS PER 1000 GALLONS
91	INCH/ WEEK	INCH/WEEK	INCHES PER WEEK
92	SQ FT	SQUARE FT	SQUARE FEET
93	OCCUR/MONTH	OCC/MONTH	OCCURRENCES PER MONTH
94	YES=1 NO=0	YES=1NO=0	PRESENCE OF COND: YES=1; NO=0
95	10/ML	10/ML	10 PER MILLILITER
96	LBS/ BARREL	LB/BARREL	POUNDS PER BARREL

97	ACRES	ACRES	ACRES
98	DEG F/HOUR	DEG F/HR	DEGREES FARENHEIT PER HOUR
99	BARREL/HOUR	BARREL/HR	BARRELS PER HOUR

266

AA	ALLWLOADALLOWED LOAD	
AB	ANNL AVGANNUAL AVERAGE	N
AC	ANNL MAXANNUAL MAXIMUM	N
AD	ANNL TOTANNUAL TOTAL	
AE	ARI MEANARITHMETIC MEAN	N
AF	AVERAGE AVERAGE	N
AG	AVG BDL AVERAGE BELOW DETECTABLE	N
AH	AV VALUEAVERAGE VALUE	N
AL	AN MS LDANNUAL MASS LOADING	
CA	ALLWCONCALLOWED CONCENTRATION	
DA	DA GEOAVDAILY GEOMETRIC AVERAGE	A
DB	DAILY AVDAILY AVERAGE	A
DC	DAILY MNDAILY MINIMUM	
DD	DAILY MXDAILY MAXIMUM	N
DE	DLYAVMINDAILY AVERAGE MINIMUM	
DF	DLYMDIANDAILY MEDIAN	
DG	DPD AVG DISCHARGE PER DAY AVERAGEN	
DH	DPD GEO DISCHARGE PER DAY GEOMET.N	
DI	DPD MAX DISCHARGE PER DAY MAXIMUMN	
DJ	DPD MIN DISCHARGE PER DAY MINIMUM	
DK	DPD TOT DISCHARGE PER DAY TOTAL	
DL	DA GEOMNDAILY GEOMETRIC MINIMUM	
DM	DA GEO DAILY GEOMETRIC	N
DN	DISCHARGDISCHARGED	
ET	EVNT TOTEVENT TOTAL	
GA	GEO MEANGEOMETRIC MEAN	N
HA	HI 7D AVHIGH 7 DAY AVERAGE	N
HB	HI WK AVHIGH WEEKLY AVERAGE	
IA	INST MAXINSTANTANEOUS MAXIMUM	N
IB	INST MININSTANTANEOUS MINIMUM	
IC	INSTMNGEINSTANTANEOUS MIN. GEOM.	
LA	LOG MEANLOGARITHMIC MEAN	N
LB	LOGMOMEDLOGRITHMIC MONTHLY MEDIAN	
LE	LBS/EVNTPOUNDS PER EVENT	
MA	MAX BDL MAXIMUM BDL	N
MB	MAXIMUM MAXIMUM	N
MC	MEAN MEAN	N
MD	MEDIAN MEDIAN	
ME	MINIMUM MINIMUM	
MF	MN % RMVMINIMUM PERCENT REMOVAL	
MG	MN WK AVMINIMUM WEEKLY AVERAGE	N
MH	MN 7D AVMINIMUM 7 DAY AVERAGE	N
MI	MN7DGEOAMINIMUM 7 DAY GEO. AVG.	N
MJ	MO AV MNMONTHLY AVERAGE MINIMUM	N
MK	MO AVG MONTHLY AVERAGE	A
ML	MO GEO MONTHLY GEOMETRIC	A
MM	MO GEOMNMONTHLY GEOMETRIC MEAN	A
MN	MO MAX MONTHLY MAXIMUM	N
MO	MO MIN MONTHLY MINIMUM	
MP	MO TOTALMONTHLY TOTAL	
MQ	MX DA AVMAXIMUM DAILY AVERAGE	N
MR	MX HR RTMAXIMUM HOURLY RATE	N
MS	MX WK AVMAXIMUM WEEKLY AVERAGE	N
MT	MX 7D AVMAXIMUM 7 DAY AVERAGE	N
MU	MX 7D GMMAXIMUM 7 DAY GEOMETRIC	N
MV	MX7DGEOAMAXIMUM 7 DAY GEO. AVG.	N
MW	MXSINSAMMAXIMUM SINGLE SAMPLE	N

MX	MO GEOMXMONTHLY GEOMETRIC MAXIMUMN	
MY	MO LOAD MONTHLY LOADING	
MZ	MN VALUEMINIMUM VALUE	
M0	MX VALUEMAXIMUM VALUE	N
M1	MX30DAAVMAXIMUM 30 DAY AVERAGE	N
M2	MX MO AVMAXIMUM MONTHLY AVERAGE	A
M3	MO MED MONTHLY MEDIAN	A
NA	NONSP AVNON-SPECIFIC AVERAGE	N
NB	NONSP MXNON-SPECIFIC MAXIMUM	N
QA	QRTR AVGQUARTERLY AVERAGE	N
QB	QRTR MAXQUARTERLY MAXIMUM	N
QC	QRTR MINQUARTERLY MINIMUM	
QR	QTR ROLLQUARTERLY ROLLING AVERAGE	
QT	QTRTOTALQUARTERLY TOTAL	
RA	ROLL AVGROLLING AVERAGE	N
RB	RPT AVG REPORTED AVERAGE	
RC	RPT MIN REPORTED MINIMUM	
RD	RPT/ALACRPT ALLOWED/RPT ACTUAL	
RE	INDROLAVINDIV 12 MO ROLLING AVE	A
RF	AGGROLAVAGGRV 12 MO ROLLING AVE	A
SA	SINGSAMPSINGLE SAMPLE	
SB	SM2CNSAMSINGLE MV CONC. SAMPLE	
SC	SEMI AVGSEMI AVERAGE	N
SD	SINGAMGESINGLE SAMPLE GEOMETRIC	
SE	SING RDGSINGLE READINGS	
SF	SUCCRDGS SUCCESSFULL READINGS	
SG	SINGGRABSINGLE GRAB	N
SM	SEMI MINSEMI MINIMUM	
ST	SEMANTOTSEMANTOTSEMI ANNUAL TOTAL	
SX	SEMI MAXSEMI MAXIMUM	
TA	TOTAMTAPTOTAL AMOUNT APPLIED	
TB	TOTAL TOTAL	
VA	VALUE VALUE	
WA	WKLY AVGWEEKLY AVERAGE	N
WB	WKLY GEOWEEKLY GEOMETRIC	N
WC	WKLY MAXWEEKLY MAXIMUM	N
WD	WKLY MINWEEKLY MINIMUM	
WK	WK GEOMNWEEKLY GEOMETRIC MEAN	
XA	>BKGND >BACKGROUND	
YA	YTD TOT YEAR-TO-DATE TOTAL	
YM	YRLY MINYEARLY MINIMUM	
1A	1DA GEO 1 DAY GEOMETRIC	A
1B	10%-60DA10% OVER 60 DAYS	
1C	12M D AV12 DAY AVERAGE	N
1D	12MO AVG12 MONTH AVERAGE	N
1E	12MTDFWA12 MONTH DAILY WATER FLOW	
1F	120DA AV120 DAY AVERAGE	N
1G	180DARME180 DAY ARITHMETIC MEAN	N
1H	1 DA AVG 1 DAY AVERAGE	N
1I	1 HR AVG1 HOUR AVERAGE	
1J	1DA MIN 1 DAY MINIMUM	
2A	20%-30DA20% OVER 30 DAYS	
2P	2HR PEAK2 HOUR PEAK	
3A	30DA GM 30 DAY GEOMETRIC MEAN	N
3B	30DA ARI30 DAY ARITHMETIC	A
3C	30DA AVG30 DAY AVERAGE	A
3D	30DA GEO30 DAY GEOMETRIC	A
3E	30DA MAX30 DAY MAXIMUM	N
3F	30DAARME30 DAY ARITHMETIC MEAN	N

3G	30DA MED30 DAY MEDIAN	
3H	30DAVGEO30 DAY AVERAGE GEOMETRIC	N
3I	3HR AVG 3 HOUR AVERAGE	
4A	4 DA AVG4 DAY AVERAGE	N
4B	4 DA MAX4 DAY MAXIMUM	N
4C	48HR MX 48 HOUR MAXIMUM	N
4D	4 HR AVG4 HOUR AVERAGE	N
4E	48HR MIN48 HOUR MINIMUM	
5A	50TH % 50TH PERCENTILE	
5B	5 DA AVG5 DAY AVERAGE	
6A	6 MO MED6 MONTH MEDIAN	
6B	6HRMEAN 6 HOUR MEAN	N
6C	6HRGMEAN6 HOUR GEOMETRIC MEAN	N
6D	6 MO AVG6 MONTH AVERAGE	N
6E	6 HR AVG6 HOUR AVERAGE	N
6F	6 HR GEO6 HOUR GEOMETRIC	N
7A	7 DA AVG7 DAY AVERAGE	N
7B	7 DA GEO7 DAY GEOMETRIC	N
7C	7 DA MED7 DAY MEDIAN	
7D	7 DA MIN7 DAY MINIMUM	
7E	7 DA MAX7 DAY MAXIMUM	N
7F	7DA ARI 7 DAY ARITHMETIC	N
7G	7DA ARME7 DAY ARITHEMTIC MEAN	N
7H	75TH % 75TH PERCENTILE	
8A	80TH % 80TH PERCENTILE	
9A	90TH % 90TH PERCENTILE	
9B	90DA AVG90 DAY AVERAGE	N
9C	90DA 90%90 DAY,90 PERCENT	
9D	96 HOUR 96 HOUR	N

Note: An 'A' in the third column indicates that this is a monthly average and an 'N' in the third column indicates that this is a non-monthly average. Those statistical base codes identified with an 'A' or an 'N' are used by the RNC program to determine whether the measurement is in violation of its monthly average or its non-monthly average requirements.

The following codes are generated for measurements in the regular update of PCS:

210	**VIOLATION CODES (EFFLUENT)**	**(MVIO)**
D10	DMR OVERDUE (EPA)	
D20	DMR OVERDUE (STATE)	
D30	DMR OVERDUE (EPA/ST)	
E00	MEASUREMENT ONLY, NO VIOLATION	
E01	MONITOR ONLY, QUANTITY ABSENT	
E11	MONITOR ONLY, CONC ABSENT	
E21	MONITOR ONLY, QTY/CONC ABSENT	
E31	LIMITED, QUANTITY ABSENT	
E41	LIMITED, CONCENTRATION ABSENT	
E51	LIMITED, QTY/CONC ABSENT	
E90	NUMERIC VIOLATION	

The following code table is used on the EVIO and EDMR screens:

490	NO DATA INDICATOR CODES	(NODI)
A	GENERAL PERMIT EXEMPTION	
B	BELOW DETECT LIMIT/NO DETECT	
C	NO DISCHARGE	
D	LOST SAMPLE	
E	ANALYSIS NOT CONDUCTED	
F	INSUFFICIENT FLOW FOR SAMPLING	
G	SAMPLING EQUIPMENT FAILURE	
H	INVALID TEST	
I	LAND APPLIED WASTE WATER	
J	RECYCLED, WATER-CLOSED SYSTEM	
K	FLOOD DISASTER	
L	DMR RECEIVED BUT NOT ENTERED	
M	NOT APPLIC DURING SLDGE MONITOR PERIOD	
N	NOT TRACKED IN PCS FOR THIS PERIOD	
Q	NOT QUANTIFIABLE	
R	ADMINISTRATIVELY RESOLVED	
1	WRONG FLOW	
2	OPERATIONS SHUTDOWN	
3	LOW LEVEL PRODUCTION	
4	LAGOON PROCESSING	
5	FROZEN CONDITIONS	
6	PRODUCTION BASED LIMITS DONT APPLY TO MP	
7	DMR RECEIVED, PRODUCTION OR FLOW RELATED	
8	OTHER	
9	MONITORING IS CONDITIONAL/NOT REQ THIS MP	

The following code tables are used with the SVIO screen:

550	SINGLE EVENT VIOLATION CODES	(SVCD)
01099	NON-COMPLIANCE NOTICE	
02099	DISCHARGE WITHOUT A VALID PERMIT	
03099	IMPROPER OPERATION AND MAINTENANCE	
04099	UNAUTHORIZED BY-PASS	
05099	FAILURE TO MEET 77-07-01	
06099	SECTION 404 VIOLATION	
07099	FAILURE TO MEET SECTION 308 REQUEST	
08099	FAILURE TO APPLY FOR A PERMIT	
09099	DMR QA	
10099	BASELINE MONITORING REPORT VIOLATION	
11099	MARINE PROTECTN & SANCTUARY ACT VIOL	
12099	VIOLATION DETECTED DURING INSPECTION	
13099	FAILURE TO ISSUE SIU PERMITS	
14099	FAILURE TO CONDUCT INSPECTIONS	
15099	FAILURE TO ESTABLISH SELF-MONITORING REQ	
16099	FAILURE TO DEVELOP/ENFORCE PRET STDS.	
17099	FAIL TO ENFORCE AGAINST PASS-THRU/INTF.	
18099	APPROVAL AUTHORITY VIOL. OF CONCERN	
19099	MONITOR FOR TOXICITY REQUIREMENT	
20099	SLUDGE VIOLATION	

The following code tables are used with the ENAC screen:

AA	402 WETLAND PENALTY AO CAT I	PG
AC	402 WETLAND PENALTY AO CAT II	PH
AE	PENALTY AO ISSUED BY STATE	PE
AF	PRTMNT PNLTY AO ISSUED BY STT	PF
AG	AO STIPULATED PENALTY	1
AJ	JUDICIAL STIPULATED PENALTY	1
AO	AMENDED ADMINISTRATIVE ORDER	1
AP	PRETRMNT CONSENT ADMIN ORDER	2
A1	NPDES PENALTY AO CATEGORY I	PA
A3	NPDES PENALTY AO CATEGORY II	PB
A5	PRETREATMENT PENALTY AO CAT I	PC
A7	PRETREATMENT PENALTY AO CAT II	PD
A8	NOTICE OF VIOL/POTENTIAL PNLTY	1
B2	CWA 404 PNLTY AO CLASS I INIT	PI
B4	CWA 404 PNLTY AO CLASS II INIT	PJ
B5	VIOLATION/POTENTIAL PENALTY	1
C1	TIME SCHEDULE ORDER	2
01	NO CURRENT ACTN WARRANTED	4
02	LETTER OF VIOLATION-OTHER	1
03	WARNING LETTER	1
04	MWPP RESPONSE	1
05	PHONE CALL	1
06	PERMIT APPEAL TO EBR	1
07	MEETING WITH PERMITEE	1
08	LETTER OF VIOLATION-EFFLUENT	1
09	COMPLIANCE INSPECTION	4
10	308 ADMINISTRATIVE ORDER	1
11	ADM ACTION PLANNED	4
12	POLLUTION PREVENTION ORDER	4
13	ADM ACTION PENDING	4
14	308 ORDER FOR MWPP	4
15	SECTION 308 LETTER	4
16	SHOW CAUSE HEARING OR MTG	1
17	505 CITIZEN SUIT NOTICE	1
18	ADJUDCTRY HEARING REQUESTED	4
19	PRETREATMENT REFERRAL	4
20	NOTICE OF VIOLATION/NOV	1
21	ADMINISTRATIVE ORDER	2
22	ADMINISTRATIVE CONSENT ORDER	2
23	309(A)(5)(A) ORDER	2
24	309 (A) (6)	2
25	CONSENT DECREE	3
26	CONTEMPT ACTION	4
27	JUD ACTION PLANNED	*
29	JUD ACTION PENDING	*
30	AGENCY ENFORCEMENT REVIEW	*
31	REFERRED TO HIGHER LVL REVIEW	*
32	UNDER REVIEW BY STATE AG	*
33	UNDER REVIEW BY EPA HQ	*
34	CEASE AND DESIST ORDER	4
35	STIPULATION COURT ORDER	3
36	CIVIL ACTION FILED	4
37	TRIAL COURT ORDER	3
38	CRIMINAL ACTION FILED	4
39	CITIZEN SUIT CONSENT DECREE	4
40	PENALTY RECOMMENDED	1
41	CONTESTED CASE HEARING	1

42	301(I) EXTENSION	5
43	PERMIT MOD REQUEST	5
44	PERMIT MOD PENDING	5
45	PERMIT MODIFIED	5
46	PERMIT REISSUED	5
47	TIE IN TO MUNICIPALITY PLANNED	5
48	TIE IN TO MUNICIPALITY UNDRWAY	4
49	SEWER BAN IMPOSED	4
50	REFERRED TO AG-OTHER	1
51	EIS REQUIRED	4
52	NEGATIVE DECLARATION	4
53	REFERRED TO AG - EFFLUENT	1
54	MCP REQUIRED AO-EO	1
55	COMPLIANCE ORDER WITH PENALTY	2
56	MCP SCHEDULE AO-EO	2
57	UNDER ENFORCEMENT REVIEW	4
58	MCP SCHED CONSENT DECREE	3
59	SEWER BAN EARLY WARNING	1
60	CCP REQUIRED AO-EO	1
61	NOTICE OF POTENTIAL PENALTY	1
62	CCP SCHEDULE AO-EO	2
63	COMPLIANCE ORDER	2
64	CCP SCHED CONSENT DECREE	3
65	PRETREATMENT NCP'S	1
66	CONSENT ADMIN. ORDER W/PENALTY	1
67	STATE AGREED ORDER	1
68	COMP ORD/NOTICE POTENT PENALTY	2
69	OTHER	4
70	COMMENT	4
71	PRETREATMENT CONSENT DECREE	3
72	PRETREATMENT AO	2
73	404 DREDGE/FILL ADM ORDER	4
74	FAILURE TO REAPPLY	4
75	FED FACILITY COMP AGREEMENT	2
76	AO - MCP	2
77	REFERRED TO REGION	1
78	ADMINISTRATIVE COMPLAINT FILED	1
79	JUDICIAL ADMINISTRATIVE DECREE	3
80	POLLUTION CONTROL BOARD EO	2
81	FINAL ORDER OF THE BOARD	2
82	NOTICE OF NONCOMPLIANCE	2
83	NOTICE OF VIOLATION,FML	2
84	STIP/ORDER OF RMDL ACTION	2
85	FINAL ORDER OF ABATEMENT	2
86	STIPULATION AGREEMENT	2
87	DIR. FINAL FINDINGS/ORDER	2
88	ENFORCEMNT CONFERENCE AGREEMNT	2
89	ORDER OF SUSPENSION	2
90	ORDER OF REVOCATION	2
91	ENFORCEMENT NOTICE LETTER	1
92	PRE-ENF CONFERENCE LETTER	1
93	ENF CONFERENCE LETTER	1
94	DIRECTOR'S WARNING LETTER	1
95	ENFORCEMENT CONFERENCE	1
96	ADMIN. ENFORCEMENT ORDER	2
97	EMERGENCY ORDER,GOVERNOR	2
98	NOTICE OF VIOLATION,INFML	1
99	NOTICE OF NONCOMPLIANCE, INFML	4

040	ENFORCEMENT ACTION STATUS CODES	(ENST)
AE	ADMINISTRATIVE EXTENSION	
AR	ADMINISTRATIVELY RESOLVED	
CL	CLOSED - BACK INTO COMPLIANCE	
CO	COMPLIANCE	
CS	CLOSED SUPERCEEDED BY EA	
NC	NONCOMPLIANCE	
PR	PERMIT REVISION	
RE	RESOLVED	

340	ENFORCEMENT ACTION VIOLATION TYPES	(EVTP)
C1	ALL COMPLIANCE VIOS FOR PERMIT	
C2	SPECIFIC COMPLIANCE VIOLATION	
E1	ALL EFFLUENT VIOS FOR PERMIT	
E2	EFFLUENT VIOS FOR MONITORING PERIOD	
E3	SPECIFIC EFFLUENT VIOLATION	
N1	ALL NON-RPT VIOS FOR PERMIT (EPA)	(D10 VIOLATIONS)
N2	ALL NON-RPT VIOS FOR PERMIT (STATE)	(D20 VIOLATIONS)
N3	ALL NON-RPT VIOS FOR PERMIT	(D30 VIOLATIONS)
N4	NON-RPT VIOS FOR MONIT PER OR PIPE (EPA)	(D10 VIOLATIONS)
N5	NON-RPT VIOS FOR MONIT PER OR PIPE (ST)	(D20 VIOLATIONS)
N6	NON-RPT VIOS FOR MONIT PER OR PIPE	(D30 VIOLATIONS)
N7	SPECIFIC NON-RPT VIOLATION (EPA)	(D10 VIOLATIONS)
N8	SPECIFIC NON-RPT VIOLATION (STATE)	(D20 VIOLATIONS)
N9	SPECIFIC NON-RPT VIOLATION	(D30 VIOLATIONS)
S1	ALL SINGLE EVENT VIOS FOR PERM	
S2	SPECIFIC SINGLE EVENT VIOL	

The following tables are used with various screens:

195	RNC DETECTION CODES	Effluent (SNCE) Compliance Schedule (SNCC) Single Event (SNCS)

A	ENF-ADMINISTRATIVE ORDER
B	DIS-MANUAL 2A4 - PASS-THRUOUGH
C	CHR-CHRONIC VIOLATION
D	DIS-MANUAL OTHER
E	DIS-MANUAL 2F - PRMT NARRATIVE
F	DIS-MANUAL 2G - VIO OF CONCERN
G	DIS-MANUAL 2A1 - EFFLUENT VIOL
H	CHR-CHRONIC VIO, NON-MONTH AVG
I	DIS-MANUAL 2A2 - UNAUTH BYPASS
J	DIS-MANUAL 2A3-UNPERM DISCH
K	RPT-NONREC VIOL, NON-MONTH AVG
N	RPT-NONRECEIPT OF DMR/CS RPT
P	ENF-ADMIN ORDER, NON-MONTH AVG
Q	DIS-MANUAL 2B - PRETREATMENT
R	TRC-TRC VIOL, NON-MONTHLY AVG
S	SCH-COMPLIANCE SCHEDULE VIOL
T	TRC-TRC LIMITATIONS EXCEEDED
U	EFF-OTHR VIO W/TRC NON-MNTH AV
V	EFF-OTHER VIOLATION WITH TRC
W	DIS-MANUAL 2E - DEFICIENT RPT
X	EFF-MANUAL OTHER VIOL W/ TRC
Y	TRC-MANUAL TRC
Z	CHR-MANUAL CHRONIC

390	RNC RESOLUTION CODES	Effluent (SRCE) Compliance Schedule (SRCC) Single Event (SRCS)

A	NC-MANUAL UNRESOLVED RNC
B	RE-MANUAL BY EPA 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

24

Appendix B. CITY MASTER FILE

MASTER CITY FILE DIRECTORY

CITY COMMUNITY	CO# COUNTY	CONGR DISTR	SMSA	CENSUS 1960	CENSUS 1970	PSGP FW	PSGP CA	S D	BASIN MJ	BASIN MN	BASIN SUB	LAT/ LONG	F G
532500001 LEWISTON	069 NEZ PERCE	01		12,691	26,068	5	5		13	08		462442	*
**												1170112	*
532600001 LEWISTON ORCHARDS	069 NEZ PERCE	01		9,680	X	4	4		13	08		462236	*
**												1165748	*
535000000 LEWISVILLE	051 JEFFERSON	02		385	468	1	0		13	06		434200	*
**												1120042	*
535300000 LINCOLN	019 BONNEVILLE	02			300				13	06		433042	C
**												1115748	C
535500000 LINCOLN COUNTY	063 LINCOLN	02		3,686	3,057	3	3		13	06		425900	
**												1140800	
537500000 LORENZO	051 JEFFERSON	02		200	100	1	0		13	06		434342	*
**												1115224	*
540000000 LOWMAN	015 BOISE	01		100	15	1	0		13	07		440454	*
**												1153700	*
542500000 LUCILE	049 IDAHO	01		20	30	1	0		13	08		453212	*
**												1161812	*
545000000 LUND	029 CARIBOU	02		10	X	1	0		13	06		423830	*
**												1115318	*

275

Appendix C. STORET TABLE EXAMPLES

RUN DATE: 12/07/94
RUN TIME: 13:46:28.6
PROG ID: PCRHQPRA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF WATER ENFORCEMENT
PERMIT COMPLIANCE SYSTEM DBMS
EFFLUENT LIMITS
PARAMETER CODES TABLE
SORTED BY DESCRIPTION

PAGE: 41 - 42

STORET CODE	<QTY STAND	UNITS> ACCEPT	<CONC STAND	UNITS> ACCEPT	PARAMETER DESCRIPTION	* LIMIT NOT USUALLY CODED FOR: * QTY AVG	QTY MAX	CONC MIN	CONC AVG	CONC MAX	* STORET CLASS	TOXIC 129 LIST
00310	01	26	19	20	BOD, 5-DAY (20 DEG. C)			X			10	
		35		21								
		50		22								
		51		28								
		59		32								
		71		36								
		76		37								
		1W		90								
		2J										
00400			12		PH	X	X		X		13	
00530	01	26	19	20	SOLIDS, TOTAL SUSPENDED			X			15	
		35		21								
		40		22								
		50		28								
		51		32								
		71		36								
		76		37								
		1W		90								
		2J		23								
				1Y								
50050	03	08	03	08	FLOW, IN CONDUIT OR THRU TREATMENT PLANT						05	
		2A		2A								
		1X		1X								
		07		07								
		78		78								
		3N		3N								
		16		16								
		1T		1T								
		3R		3R								
		4W										
80082	01	26	19	20	BOD, CARBONACEOUS 05 DAY, 20C			X			10	
		35		21								
		40		22								
		50		28								
		51		32								
		71		36								
		76		37								
		1W		90								
		2J		23								
81010	23		23		BOD, 5-DAY PERCENT REMOVAL	X	X		X	X	15	
81011	23		23		SOLIDS, SUSPENDED PERCENT REMOVAL	X	X		X	X	15	

Appendix D. QUICK REFERENCE LIST OF ACRONYMS

ACRONYM REFERENCE LIST

Acronym	Field Name	Field Length
	Permit Facility Data	
NPID*!	PERMIT #	009
FNML	FACILITY NAME LONG	120
FNMS*	FACILITY NAME SHORT	030
OFFL	COGNIZANT OFFICIAL	030
TELE	TELEPHONE	010
CITY*	CITY CODE	005
CNTY*	COUNTY CODE	003
SIC2*	SIC CODE	004
CFRC	CODE OF FEDERAL REGULATIONS	003
TYPA	TYPE OF APPLICATION	002
TYPO*	FACILITY OWNERSHIP	003
ORID	ORIGINAL PERMIT ISSUANCE DATE	006
EPST*	ISSUED BY	001
REIS	REISSUANCE #	001
PRET*	PRETREATMENT PROGRAM REQUIRED INDICATOR	001
FDGR	FEDERAL GRANT INDICATOR	001
NEWS	NEW SOURCE/DISCHARGE CODE	002
NSDT	SOURCE/DISCHARGE DATE	006
FLIM*	FINAL LIMITS INDICATOR	001
WQUA	WATER QUALITY LIMITS	002
IACC*	FACILITY INACTIVE CODE	001
IADT*	FACILITY INACTIVE DATE	006
CSDN	CONSOLIDATED PERMIT #	012
CSID	CONSOLIDATED SYSTEM FACILITY IDENTIFIER	015
NEED	NEEDS SUFFIX	003
STNO	STATE PERMIT #	008
FFID	FEDERAL PERMIT #	012
RPRI	REGIONAL PRIORITY PERMIT	001
SUBR	SUB-REGION CODE	002
ATNY	ATTORNEY INITIALS	003
ENGI	ENGINEER INITIALS	003
FLOW*	AVERAGE DESIGN FLOW	005
ARCH	ARCHIVAL INDICATOR	001
BAS6	RIVER BASIN CODE	010
RWAT	RECEIVING WATERS	035
FLAT*	LATITUDE	008
FLON*	LONGITUDE	009
FLLC*	LAT/LONG CODE OF ACCURACY	001
FLLM*	LAT/LONG METHOD	001
FLLT*	LAT/LONG DATUM	001
FLLS*	LAT/LONG SCALE	001
FLLD*	LAT/LONG DESCRIPTION	005
FHBC*	USGS HYDROLOGIC BASIN CODE	008
FSEG	STREAM SEGMENT	004
FMLG	MILEAGE INDICATOR	005
FRSC	RECEIVING STREAM CLASSIFICATION CODE	002

Acronym	Field Name		Field Length
	Permit Facility Data (cont'd)		
EHIN	EVIDENTIARY HEARING INDICATOR		001
EHFN	EVIDENTIARY HEARING FILE #		012
EHS1	EVIDENTIARY HEARING ISSUE CODES		003
EHS2	EVIDENTIARY HEARING ISSUE CODES		003
EHS3	EVIDENTIARY HEARING ISSUE CODES		003
EHDK	EVIDENTIARY HEARING DOCKET #		012
RDF1	REGIONAL DATA FIELD #1		001
RDF2	REGIONAL DATA FIELD #2		001
RDF3	REGIONAL DATA FIELD #3		001
RDF4	REGIONAL DATA FIELD #4		003
RDF5	REGIONAL DATA FIELD #5		003
RDF6	REGIONAL DATA FIELD #6		003
RDF7	REGIONAL DATA FIELD #7		006
RDF8	REGIONAL DATA FIELD #8		006
RDF9	REGIONAL DATA FIELD #9		006
RDF0	REGIONAL DATA FIELD #10		100
NPSC	NPSC-NMP STAT		001
NPFF	NPFF-NMP FIT		001
NPSQ	NPSQ-NMP QTR		001
CAID	CONTROL AUTHORITY PERMIT #		009
RPID	RECEIVING POTW PERMIT #		009
PYMS	PREVIOUS YEAR MANUAL QNCR STATUS		004
PYM1	October through December		001
PYM2	January through March		001
PYM3	April through June		001
PYM4	July through September		001
CYMS	CURRENT YEAR MANUAL QNCR STATUS		004
CYM1*	October through December		001
CYM2*	January through March		001
CYM3*	April through June		001
CYM4*	July through September		001
MNAM*	FACILITY NAME	Primary Mailing	030
MST1*	ADDRESS LINE1	Primary Mailing	030
MST2*	ADDRESS LINE2	Primary Mailing	030
MCTY*	CITY	Primary Mailing	023
MSTT*	STATE	Primary Mailing	002
MZIP*	ZIP	Primary Mailing	009
ANAM	FACILITY NAME	Alternate Mailing	030
AST1	ADDRESS LINE1	Alternate Mailing	030
AST2	ADDRESS LINE2	Alternate Mailing	030
ACTY	CITY	Alternate Mailing	023
ASTT	STATE	Alternate Mailing	002
AZIP	ZIP	Alternate Mailing	009

Acronym	Field Name		Field Length
	Permit Facility Data (cont'd)		
RNAM*	FACILITY NAME	Facility Location	030
RST1*	ADDRESS LINE1	Facility Location	030
RST2*	ADDRESS LINE2	Facility Location	030
RCTY*	CITY	Facility Location	023
RSTT*	STATE	Facility Location	002
RZIP*	ZIP	Facility Location	009
RTEL	TELEPHONE	Facility Location	010
ONAM*	FACILITY NAME	Owner Address	030
OST1*	ADDRESS LINE1	Owner Address	030
OST2*	ADDRESS LINE2	Owner Address	030
OCTY*	CITY	Owner Address	023
OSTT*	STATE	Owner Address	002
OZIP*	ZIP	Owner Address	009
OTEL	TELEPHONE	Owner Address	010
ENAM	FACILITY NAME	Operator Address	030
EST1	ADDRESS LINE1	Operator Address	030
EST2	ADDRESS LINE2	Operator Address	030
ECTY	CITY	Operator Address	023
ESST	STATE	Operator Address	002
EZIP	ZIP	Operator Address	009
ETEL	TELEPHONE	Operator Address	010
STTE	STATE CODE	Generated in the update	002
MADI*	MAJOR DISCHARGE INDICATOR - Entered by EPA HQ only		001
MRAT*	MAJOR RATING CODE - Entered by EPA HQ only		003
CYNM	CITY NAME		030
CNTN	COUNTY NAME		030
FTYP	FACILITY TYPE		001
SLCI*	SLUDGE CLASS FACILITY INDICATOR		
SLIN*	SLUDGE FACILITY INDICATOR		
SLID*	SLUDGE RELATED PERMIT NUMBER		
SLPV	ANNUAL DRY SLUDGE PRODUCTION		

Acronym	Field Name	Field Length
	Permit Event Data	
PTAC*	PERMIT TRACKING EVENT ACTUAL DATE	006
PTEV*!	PERMIT TRACKING EVENT CODE	005
APRD*	P1099 APPLICATION RECEIVED DATE	
PNOT*	P3099 PUBLIC NOTICE DATE	
PERD*	P4099 PERMIT ISSUANCE DATE	
PERE*	P5099 PERMIT EXPIRATION DATE	
PEFD*	P6099 PERMIT EFFECTIVE DATE	
	*P6599 REOPENER	
	*P7099 STAYS	
	*P7199 301(c) VARIANCE	
	*P7299 301(g) VARIANCE	
	*P7399 301(i) VARIANCE	
	*P7499 301(k) VARIANCE	
	*P7599 316(a) VARIANCE	
	*P7699 316(b) VARIANCE	
	*P7799 FUNDAMENTALLY DIFFERENT FACTOR VARIANCE	
PMDD*	30099 PERMIT MODIFICATION DATE	
PTCO	PERMIT TRACKING EVENT COMMENT	030
PTSC	PERMIT TRACKING EVENT SCHEDULED DATE	006

Acronym	Field Name	Field Length
	Compliance Schedule Family	
COMM	COMPLIANCE COMMENT	030
DSCD*!	COMPLIANCE SCHEDULE DATA SOURCE CODE	004
DTAC*	COMPLIANCE SCHEDULE EVENT ACTUAL DATE	006
EVNT*!	COMPLIANCE SCHEDULE EVENT CODE	005
DTSC*	COMPLIANCE SCHEDULE EVENT SCHEDULED DATE	006
CSCH*!	COMPLIANCE SCHEDULE NUMBER	002
DTRC*	COMPLIANCE SCHEDULE REPORT RECEIVED DATE	006
SNCC*	COMPLIANCE SCHEDULE RNC DETECTION CODE	001
SNDC*	COMPLIANCE SCHEDULE RNC DETECTION DATE	006
SRCC*	COMPLIANCE SCHEDULE RNC RESOLUTION CODE	001
SRDC*	COMPLIANCE SCHEDULE RNC RESOLUTION DATE	006
CVIO*!	COMPLIANCE SCHEDULE VIOLATION CODE	003
VDCD*!	COMPLIANCE SCHEDULE VIOLATION DATA SOURCE CODE	004
CVDT*!	COMPLIANCE SCHEDULE VIOLATION DATE	006
CVEV*!	COMPLIANCE SCHEDULE VIOLATION EVENT CODE	005
VCSN*!	COMPLIANCE SCHEDULE VIOLATION NUMBER	002
RDC1	DATA ELEMENT # 1	003
RDC2	DATA ELEMENT # 2	006
CSFN*	DOCKET NUMBER	008

Acronym	Field Name	Field Length
	Inspection Scheduling Data Type	
STYP!	SCHEDULED INSPECTION TYPE	001
SINS!	SCHEDULED INSPECTOR CODE	001
SIDT!	SCHEDULED INSPECTION DATE	006
SIQR!	SCHEDULED INSPECTION QTR/YEAR	003
SDTI	ACHIEVED INSPECTION DAT	006
ISC1	INSPECTION SCHEDULING COMMENTS field 1	030
ISC2	INSPECTION SCHEDULING COMMENTS field 2	030
ISC3	INSPECTION SCHEDULING COMMENTS field 3	030
RTYP	REVISED SCHEDULED INSPECTION TYPE	001
RINS	REVISED SCHEDULED INSPECTOR CODE	001
RIDT	REVISED SCHEDULED DATE	006
RIQR	REVISED SCHEDULED QTR/YEAR	003

Acronym	Field Name	Field Length
	Inspection Data Type	
BIOM	BIOMONITORING INSPECTION METHOD	001
DTRR	DATE REPORT RECEIVED	006
FEVR	FACILITY EVALUATION RATING	003
FACC	INSPECTED FACILITY TYPE	001
ICOM	INSPECTION COMMENT 050	
ICN3*	INSPECTION COMMENT (first 3 characters of ICOM)	
IC25	INSPECTION COMMENT (first 25 characters of ICOM)	
DTIN*!	INSPECTION DATE	006
INHR	INSPECTION IN-PROCESSING HOURS	003
PRHR	INSPECTION PRE-PROCESSING HOURS	003
POHR	INSPECTION POST-PROCESSING HOURS	003
TYPI*!	INSPECTION TYPE	001
INSP*	INSPECTOR CODE	001
QABI	QA-DATA BASED INSPECTION	001
RDI1	USER DATA ELEMENT #1	003
RDI2	USER DATA ELEMENT #2	006

Acronym	Field Name	Field Length
	Pretreatment Compliance Inspection Data Type	
WSTE	ACCEPTANCE OF OTHER WASTE	006
CIUS*	CATEGORICAL INDUSTRIAL USERS	004
CMDF	CONTROL MECHANISM DEFICIENCIES	008
SMDF	DEFICIENCIES IN POTW SAMPLING OF INDUSTRIAL USERS	005
FIDF	DEFICIENCIES NOTED IN IU FILE REVIEW	006
SUPP	DOES PCI SUPPORT MOST RECENT PRET. SUMMARY REPORT	001
ERGG	ENFORCEMENT RESPONSE GUIDE	001
PTJU	JURISDICTIONS COVERED BY PRETREATMENT PROGRAM	002
MADF	MULTI-JURISDICTIONAL AGREEMENT DEFICIENCIES	004
DTIA*!	PCI/AUDIT DATE	006
COOR	PRETREATMENT COORDINATOR NAME	025
PRCH	PROGRAM ELEMENT CHANGES	006
DSSM	PROGRAM MOD. TO ADDRESS DOMESTIC SEWAGE STUDY	001
PIRT	PROGRAM MOD. TO ADDRESS PIRT AMENDMENTS	001
RDN1	REGIONAL FIELD 1	003
RDN2	REGIONAL FIELD 2	006
RECR	REMOVAL CREDITS	001
RCRD	REMOVAL CREDITS APPROVAL DATE	005
RSCH	RESPONSE TO SCHEDULE FOR REMEDIAL MEASURES	001
SIUS*	SIGNIFICANT INDUSTRIAL USERS	004
SNPS	SIUS IN SNC WITH PRETREATMENT STANDARDS	003
RSNC	SIUS IN SNC WITH REPORTING REQUIREMENTS	003
SNIN*	SIUS IN SNC WITH SELF-MON. & NOT INSP. OR SAMPLED	003
MSNC*	SIUS IN SNC WITH SELF-MONITORING	003
PSNC*	SIUS IN SNC WITH STANDARDS OR REPORTING	003
NOIN*	SIUS NOT INSPECTED OR SAMPLED	003
NOCM*	SIUS WITHOUT CONTROL MECHANISMS	003
VSCH	VIOLATION TO SCHEDULE FOR REMEDIAL MEASURES	001
NOPT	% OF SIUS WHICH HAVE NOT INST. REQ. PRETREATMENT	003

Acronym	Field Name	Field Length
	Pretreatment Audit Inspection Data Type	
WSTE	ACCEPTANCE OF OTHER WASTE	005
ADLL*	ADOPTION OF TECHNICALLY-BASED LOCAL LIMITS	001
BUDG	ANNUAL PRETREATMENT BUDGET	006
CMDF	CONTROL MECHANISM DEFICIENCIES	008
PTIM*	DATE PERMIT MOD. TO REQUIRE PRET. IMPLEMENTATION	006
APDF	DEFICIENCIES IN INTERPRETATION/APPLICATION OF STDS	010
SMDF	DEFICIENCIES IN POTW SAMPLING OF INDUSTRIAL USERS	005
FIDF	DEFICIENCIES NOTED IN IU FILE REVIEW	006
DMDF	EFFICIENCIES IN DATA MGMT. & PUBLIC PARTICIPATION	006
ERGG	ENFORCEMENT RESPONSE GUIDE	001
TXEF	FREQUENCY OF TOXICANT SAMPLING FOR EFFLUENTS	002
TXIN	FREQUENCY OF TOXICANT SAMPLING FOR INFLUENTS	002
TXSL	FREQUENCY OF TOXICANT SAMPLING FOR SLUDGE	002
RESO	INADEQUACIES IN PRETREATMENT RESOURCES	007
ADIN	INADEQUACY IN POTW'S INSPECTION & SAMPLING OF IUS	004
INTF	INTERFERENCE	001
PTJU	JURISDICTIONS COVERED BY PRETREATMENT PROGRAM	002
LADF	LEGAL AUTHORITY DEFICIENCIES	009
MXPN	MAXIMUM CIVIL PENALTY BY LAW	006
MADF	MULTI-JURISDICTIONAL AGREEMENT DEFICIENCIES	004
SIUS*	NUMBER OF SIGNIFICANT IUS	005
CIUS*	NUMBER OF CATEGORICAL IUS	005
PASS	PASS-THROUGH	001
DTIA*!	PCI/AUDIT DATE	006
COOR	PRETREATMENT COORDINATOR NAME	025
DSSM	PROGRAM MOD. TO ADDRESS DOMESTIC SEWAGE STUDY	001
PIRT	PROGRAM MODIFICATION TO ADDRESS PIRT AMENDMENTS	001
RECR	REMOVAL CREDITS	001
RCRD	REMOVAL CREDITS APPROVAL DATE	005
RSCH	RESPONSE TO SCHEDULE FOR REMEDIAL MEASURES	001

Acronym	Field Name	Field Length
	Pretreatment Audit Inspection Data Type (cont.)	
SNPS	SIUS IN SNC WITH PRETREATMENT STANDARDS	003
RSNC	SIUS IN SNC WITH REPORTING REQUIREMENTS	003
SNIN*	SIUS IN SNC WITH SELF-MON. & NOT INSP. OR SAMPLED	003
MSNC*	SIUS IN SNC WITH SELF-MONITORING	003
PSNC*	SIUS IN SNC WITH STANDARDS OR REPORTING	003
NOIN*	SIUS NOT INSPECTED OR SAMPLED	003
NOCM*	SIUS WITHOUT CONTROL MECHANISM	003
SLDG*	SLUDGE DISPOSAL METHODS	006
EVCL	TECHNICAL EVAL. FOR COMPREHENSIVE LOCAL LIMITS	001
VSCH	VIOLATION TO SCHEDULE FOR REMEDIAL MEASURES	001
NINF	# OF SIUS NOT SAMPLED OR INSPECTED AT REQ. FREQ.	003
NOPT	% OF SIUS WHICH HAVE NOT INSTALLED REQ. PRET.	003
PRCH	PROGRAM ELEMENT CHANGES	006
SUPP	SUMMARY REPORT	001
RDN1	REGIONAL FIELD 1	003
RDN2	REGIONAL FIELD 2	006
EVLL*	TECHNICAL EVALUATION FOR LOCAL LIMITS	001

Acronym	Field Name	Field Length
	Pipe Schedule Data Type	
AGYR	AGENCY REVIEWER	005
DSDG	COMBINED DISCHARGE NUMBER AND DESIGNATOR	004
DSCH*!	DISCHARGE NUMBER	003
PIC1	DMR FORM COMMENT LINE # 1	030
PIC2	DMR FORM COMMENT LINE # 2	030
PIC3	DMR FORM COMMENT LINE # 3	030
PIC4	DMR FORM COMMENT LINE # 4	030
PIC5	DMR FORM COMMENT LINE # 5	030
PIC6	DMR FORM COMMENT LINE # 6	030
PIC7	DMR FORM COMMENT LINE # 7	030
PIC8	DMR FORM COMMENT LINE # 8	030
PIC9	DMR FORM COMMENT LINE # 9	030
SUUN*	EPA SUBMISSION UNIT	001
FLED*	FINAL LIMITS START DATE	006
FLSD*	FINAL LIMITS END DATE	006
STSU*	INITIAL EPA SUBMISSION DATE	006
ILED*	INITIAL LIMITS END DATE	006
ILSD*	INITIAL LIMITS START DATE	006
STRP*	INITIAL REPORT DATE	006
STSS*	INITIAL STATE SUBMISSION DATE	006
MLED*	INTERIM LIMITS END DATE	006
MLSD*	INTERIM LIMITS START DATE	006
PMLG	MILEAGE INDICATOR	005
MDML	MINIMUM NUMBER OF DMR LINES	002
NSUN*	NUMBER OF UNITS IN EPA SUBMISSION PERIOD	002
NRPU*	NUMBER OF UNITS IN REPORT PERIOD	003
NSUS*	NUMBER OF UNITS IN STATE SUBMISSION PERIOD	002
TRET	OUTFALL TREATMENT TYPE CODES	024
PIPE	PIPE DESCRIPTION	030
PIAC*	PIPE INACTIVE CODE	001
PIDT*	PIPE INACTIVE DATE	006
PLAT*	PIPE LATITUDE	008
PLLC*	PIPE LAT/LONG ACCURACY	001
PLLT*	PIPE LAT/LONG DATUM	001
PLLD*	PIPE LAT/LONG DESCRIPTION	005
PLLM*	PIPE LAT/LONG METHOD	001
PLLS*	PIPE LAT/LONG SCALE	001
PLON*	PIPE LONGITUDE	009
PIPQ!	PIPE SET QUALIFIER	001
PRSC	RECEIVING STREAM CLASSIFICATION CODE	002
DRID*!	REPORT DESIGNATOR	001
REUN*	REPORT UNITS	001
ALLP	SEASONAL DMR PRINTING INDICATORS	012
SUUS*	STATE SUBMISSION UNIT	001
PSEG	STREAM SEGMENT	004
NORP	TOTAL NUMBER OF REPORTS DUE	003
WAST*	TYPE EFFLUENT WASTE	002
RDP1	USER DATA ELEMENT # 1	003
RDP2	USER DATA ELEMENT # 2	003
PHBC	USGS HYDROLOGIC BASIN CODE	008

Acronym	Field Name	Field Length
	Parameter Limits Data Type	
PLDS*!	DISCHARGE NUMBER	003
PLRD*!	REPORT DESIGNATOR	001
PDSG	COMBINED DISCHARGE NUMBER AND DESIGNATOR	004
LIPQ!	PIPE SET QUALIFIER	004
LTYP*!	LIMIT TYPE - Alphabetic	001
PRAM*!	PARAMETER	005
MLOC*!	MONITORING LOCATION	001
SEAN*!	SEASON	001
MODN*!	MODIFICATION NUMBER	001
ELSD	MODIFICATION PERIOD: START	006
ELED	MODIFICATION PERIOD: END	006
COLS*	CHANGE OF LIMITS STATUS	002
STBA	STANDARD BASIS CODE	001
FRAN	FREQUENCY OF ANALYSIS	005
SAMP	SAMPLE TYPE	002
CONP*	CONTESTED PARAMETER	001
ALLS	SEASONAL DMR PRINTING INDICATORS	012
LQUC*	QUANTITY LIMITS: UNIT CODE	002
LQAV*	QUANTITY LIMITS: AVERAGE	008
LQAS*	LIMIT QUANTITY AVERAGE STAT BASE CODE	002
LQMX*	QUANTITY LIMITS: MAXIMUM	008
LQXS*	LIMIT QUANTITY MAXIMUM STAT BASE CODE	002
LCUC*	CONCENTRATION LIMITS: UNIT CODE	002
LCMS*	LIMIT CONCENTRATION MINIMUM STAT BASE CODE	002
LCMO*	LIMIT CONCENTRATION MINIMUM OVERRIDE	001
LCMN*	CONCENTRATION LIMITS: MINIMUM	008
LCAV*	CONCENTRATION LIMITS: AVERAGE	008
LCAS*	LIMIT CONCENTRATION AVERAGE STAT BASE CODE	002
LCAO*	LIMIT CONCENTRATION AVERAGE OVERRIDE	001
LCMX*	CONCENTRATION LIMIT: MAXIMUM	008
LCXS*	LIMIT CONCENTRATION MAXIMUM STAT BASE CODE	002
PLFN*	DOCKET NUMBER	012
DMR1	USER DATA ELEMENT # 1	001
DMR2	USER DATA ELEMENT # 2	006
DMR3	USER DATA ELEMENT # 3	006
LQVM	LIMIT QUANTITY MONTHLY AVERAGE VALUE	008
LQCM	LIMIT QUANTITY MONTHLY AVERAGE STAT BASE CODE	002
LQCS	LIMIT QUANTITY SELECTED STAT BASE CODE	002
LQVS	LIMIT QUANTITY SELECTED STAT BASE VALUE	008
LCVM	LIMIT CONCENTRATION MONTHLY AVERAGE VALUE	008
LCCM	LIMIT CONCENTRATION MONTHLY AVERAGE STAT BASE CODE	008
LCCS	LIMIT CONCENTRATION SELECTED STAT BASE CODE	002
LCVS	LIMIT CONCENTRATION SELECTED STAT BASE VALUE	008

Acronym	Field Name	Field Length
	Measurement Violation Data Type	
MVDT*!	MONITORING PERIOD END DATE	006
VDSC*!	DISCHARGE NUMBER	003
VDRD*!	REPORT DESIGNATOR	001
VDSG	COMBINED DISCHARGE NUMBER AND DESIGNATOR	004
VPRM*!	PARAMETER CODE	005
VMLO*!	MONITORING LOCATION	001
VMOD!	MEASUREMENT VIOLATION MODIFICATION NUMBE	001
VLIM!	MEASUREMENT VIOLATION LIMIT TYPE	001
VSEA!	MEASUREMENT VIOLATION SEASONAL NUMBER	001
VIPQ!	PIPE SET QUALIFIER	001
MVIO	MEASUREMENT VIOLATION CODE	001
MQAV*	MEASUREMENTS: QUANTITY: AVERAGE	008
MQMX*	MEASUREMENTS: QUANTITY: MAXIMUM	008
MCMN*	MEASUREMENTS: CONCENTRATION: MINIMUM	008
MCAV*	MEASUREMENTS: CONCENTRATION: AVERAGE	008
MCMX*	MEASUREMENTS: CONCENTRATION: MAXIMUM	008
DMRR	DMR RECEIVED DATE	006
SNCE*	RNC DETECTION: CODE	001
SNDE*	RNC DETECTION: DATE	006
SRCE*	RNC RESOLUTION: CODE	001
SRDE*	RNC RESOLUTION: DATE	006
REXC	REPORTED # OF EXCURSIONS	002
RFRQ	REPORTED FREQUENCY OF ANALYSIS	005
RSAM	REPORTED SAMPLE TYPE	002
RUNT	REPORTED QUANTITY UNIT CODE	002
RCUN	REPORTED CONCENTRATION UNIT CODE	002
NODI*	NO DISCHARGE REASON CODE	001

Acronym	Field Name	Field Length
	Reissuance Processing	
FLED*	FINAL LIMITS END DATE	006
FLSD*	FINAL LIMITS START DATE	006
ILED*	INITIAL LIMITS END DATE	006
ILSD*	INITIAL LIMITS START DATE	006
MLED*	INTERIM LIMITS END DATE	006
MLSD*	INTERIM LIMITS START DATE	006
RCIN*!	REISSUANCE CODE	001

Acronym	Field Name	Field Length
	Single Event Violation Data Type	
RDS1	REGIONAL FIELD #1	003
RDS2	REGIONAL FIELD #2	005
SNCS*	RNC DETECTION CODE	001
SNDS*	RNC DETECTION DATE	006
SRCS*	RNC RESOLUTION CODE	001
SRDS*	RNC RESOLUTION DATE	006
SVCD*!	VIOLATION CODE	005
SVDT*!	VIOLATION DATE	006

285

Acronym	Field Name	Field Length
	Enforcement Action Data Type	
EACD	CLOSURE SCHEDULE DATE	005
ERFN*	DOCKET NUMBER	012
ENAC*!	ENFORCEMENT ACTION CODE	002
ECMT	ENFORCEMENT ACTION COMMENT	300
ECM1	ENFORCEMENT ACTION COMMENT # 1 1st line	030
ECM2	ENFORCEMENT ACTION COMMENT # 2 2nd line	030
ECM3	ENFORCEMENT ACTION COMMENT # 3 3rd line	030
ECM4	ENFORCEMENT ACTION COMMENT # 4 4th line	030
ECM5	ENFORCEMENT ACTION COMMENT # 5 5th line	030
ECM6	ENFORCEMENT ACTION COMMENT # 6 6th line	030
ECM7	ENFORCEMENT ACTION COMMENT # 7 7th line	030
ECM8	ENFORCEMENT ACTION COMMENT # 8 8th line	030
ECM9	ENFORCEMENT ACTION COMMENT # 9 9th line	030
ECM0	ENFORCEMENT ACTION COMMENT # 0 10th line	030
ENDT*!	ENFORCEMENT ACTION DATE	006
EATP*!	ENFORCEMENT ACTION ISSUED BY	002
EIPI	INITIATING PARTY 1	005
EIP2	INITIATING PARTY 2	005
EADR	RESPONSE ACHIEVED DATE	006
ERDT*	RESPONSE DUE DATE	006
ENST*	STATUS CODE	002
ESDT*	STATUS DATE	006
RDH1	USER DATA ELEMENT: #1	003
RDH2	USER DATA ELEMENT: #2	005
EVDK	VIOLATION RECOGNITION DATE	006

Acronym	Field Name	Field Length
	Enforcement Action Key Data Type	
EKAC*!	ENFORCEMENT ACTION KEY CODE	001
EVCD*!	ENFORCEMENT ACTION KEY COMPLIANCE SCHEDULE DATA SOURCE CODE	004
EVEV*!	ENFORCEMENT ACTION KEY COMPLIANCE SCHEDULE EVENT CODE	005
EVSN*!	ENFORCEMENT ACTION KEY COMPLIANCE SCHEDULE NUMBER	002
ECVC*!	ENFORCEMENT ACTION KEY COMPLIANCE SCHEDULE VIOLATION CODE	003
ECVD*!	ENFORCEMENT ACTION KEY COMPLIANCE SCHEDULE VIOLATION DATE	006
EKDT*!	ENFORCEMENT ACTION KEY DATE	006
EVDS*!	ENFORCEMENT ACTION KEY DMR DISCHARGE NUMBER	003
EVLM*!	ENFORCEMENT ACTION KEY DMR LIMIT TYPE	001
EMOD*!	ENFORCEMENT ACTION KEY DMR MODIFICATION NUMBER	001
EVML*!	ENFORCEMENT ACTION KEY DMR MONITORING LOCATION	001
EVMD*!	ENFORCEMENT ACTION KEY DMR MONITORING PERIOD END DATE	006
EVPR*!	ENFORCEMENT ACTION KEY DMR PARAMETER CODE	005
EVRD*!	ENFORCEMENT ACTION KEY DMR REPORT DESIGNATOR	001
ESEA*!	ENFORCEMENT ACTION KEY DMR SEASONAL NUMBER	001
EKTP*!	ENFORCEMENT ACTION KEY ISSUED BY	001
ESVC*!	ENFORCEMENT ACTION KEY SINGLE EVENT VIOLATION CODE	005
ESVD*!	ENFORCEMENT ACTION KEY SINGLE EVENT VIOLATION DATE	006
EVTP*!	ENFORCEMENT ACTION KEY VIOLATION TYPE	002

Acronym	Field Name	Field Length
	Enforcement Action Administrative Penalty Order Data Type	
APCL*	CLASS I OR II	001
APAP*	CLASS II APPEAL FILED	001
APAF*	DATE JUDICIAL APPEAL FILED	006
APFO*	DATE OF FINAL ORDER	006
APPC*	DATE PENALTY COLLECTED	006
ENAC*!	ENFORCEMENT ACTION CODE	002
ENDT*!	ENFORCEMENT ACTION DATE	006
EATP*!	ENFORCEMENT ACTION ISSUED BY	002
APHR*	HEARING REQUESTED	001
APAM*	PENALTY AMOUNT ASSESSED	006
APPA*	PENALTY AMOUNT ASSESSED BY JUDICIAL DECREE	006

Appendix E. Class Notes

288

Appendix F. PCS User Docmentation Comment Form

Date: _____ Region or State: _____

Name: _____

Address: _____

_____

_____

_____

Phone: _____ Userid: _____

-(Headquarters Use Only)----------

Request type: Enhancement ___ System: Production ___
Documentation ___ Development ___

Library name: _____ Date received: _____

Member name : _____ Date entered : _____

Describe your request below. Please be as specific as possible. Multiple requests should be submitted separately if possible. Attach any supporting documentation to this form.

289