

# 863 Report of Test Results

Functional Group ID=**RT**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Report of Test Results Transaction Set (863) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit the results of tests performed to satisfy a specified product or process requirement. This includes, but is not limited to, test data such as inspection data, certification data, and statistical process control measurements.

## Notes:

*1. Facilities use this transaction set to report wastewater discharges in a Discharge Monitoring Report (DMR) to the Environmental Protection Agency (EPA).*

*2. States may also use this transaction set to provide the DMR information on behalf of the facilities.*

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	010	ST	Transaction Set Header	M	1		
5	020	BTR	Beginning Segment for Test Results	M	1		
7	030	NTE	Note/Special Instruction	O	>1		
Not Used	040	REF	Reference Identification	O	12		
8	050	DTM	Date/Time Reference	O	10		
Not Used	060	PID	Product/Item Description	O	200		
Not Used	062	PO4	Item Physical Details	O	1		
Not Used	065	TMD	Test Method	O	1		
Not Used	070	MEA	Measurements	O	20		
LOOP ID - N1						>1	
10	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		
Not Used	100	N3	Address Information	O	2		
Not Used	110	N4	Geographic Location	O	1		
12	120	REF	Reference Identification	O	12		
LOOP ID - PER						>1	
14	130	PER	Administrative Communications Contact	O	1		
16	140	REF	Reference Identification	O	>1		n1

## Detail:

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863E - Report of Test Results (Discharge Monitoring Report)

LOOP ID - LIN			>1	
18	010	LIN	Item Identification	O 1
21	020	PID	Product/Item Description	O 1000
Not Used	022	PO4	Item Physical Details	O 1
Not Used	025	TMD	Test Method	O 1
23	030	MEA	Measurements	O 20
Not Used	031	PSD	Physical Sample Description	O >1
Not Used	032	SPS	Sampling Parameters for Summary Statistics	O >1
Not Used	034	QTY	Quantity	O 10
Not Used	040	DTM	Date/Time Reference	O 10
Not Used	045	REF	Reference Identification	O 1000
25	050	NTE	Note/Special Instruction	O >1
LOOP ID - N1			10	
Not Used	051	N1	Name	O 1
Not Used	052	N2	Additional Name Information	O 2
Not Used	053	N3	Address Information	O 2
Not Used	054	N4	Geographic Location	O 1
Not Used	055	REF	Reference Identification	O 10
Not Used	056	PER	Administrative Communications Contact	O 3
Not Used	057	QTY	Quantity	O 10
LOOP ID - CID			>1	
26	060	CID	Characteristic/Class ID	O 1
Not Used	070	UIT	Unit Detail	O 1
Not Used	090	PSD	Physical Sample Description	O >1
Not Used	100	SPS	Sampling Parameters for Summary Statistics	O >1
Not Used	120	DTM	Date/Time Reference	O 10
Not Used	130	REF	Reference Identification	O 10
Not Used	140	NTE	Note/Special Instruction	O >1
LOOP ID - MEA			>1	
27	150	MEA	Measurements	O 1
Not Used	160	DTM	Date/Time Reference	O 10
Not Used	170	REF	Reference Identification	O 10
LOOP ID - LM			>1	
30	172	LM	Code Source Information	O 1
31	174	LQ	Industry Code	M >1
LOOP ID - STA			>1	
Not Used	180	STA	Statistics	O 1
Not Used	190	DTM	Date/Time Reference	O 10
Not Used	195	REF	Reference Identification	O 10
LOOP ID - LM			>1	
Not Used	197	LM	Code Source Information	O 1
Not Used	200	LQ	Industry Code	M >1
LOOP ID - TMD			100	
Not Used	201	TMD	Test Method	O 1
Not Used	202	MEA	Measurements	O >1
Not Used	203	DTM	Date/Time Reference	O 10

863E - Report of Test Results (Discharge Monitoring Report)

Not Used	204	REF	Reference Identification	O	10	
						LOOP ID - TSP >1
Not Used	210	TSP	Test Period or Interval	O	1	
Not Used	220	MEA	Measurements	O	>1	
Not Used	230	DTM	Date/Time Reference	O	10	
Not Used	240	REF	Reference Identification	O	10	
						LOOP ID - LM >1
Not Used	242	LM	Code Source Information	O	1	
Not Used	244	LQ	Industry Code	M	>1	

**Summary:**

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Not Used	005	CTT	Transaction Totals	O	1		
32	010	SE	Transaction Set Trailer	M	1		

**Transaction Set Notes**

1. The REF segment is to be used to send identification numbers associated with party referenced in the PER.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		<b>Transaction Set Identifier Code</b>	<b>M ID 3/3</b>
				Code uniquely identifying a Transaction Set 863 Report of Test Results	
Must Use	ST02	329		<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
				<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This number is carried in SE02.</i>	

**Segment:** **BTR** Beginning Segment for Test Results

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a test results transaction set

**Syntax Notes:**

- Semantic Notes:**
- 1 If BTR01 equals "01", "02", "03", "04", "05", "18" or "19", then BTR06 is required to identify the original test report reference number transmitted.
  - 2 BTR02 is the date that this transaction set was created by the sending party.
  - 3 BTR03 is the time that this transaction set was created by the sending party.
  - 4 BTR05 specifies test results report reference number created by the sending party.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BTR01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			05 Replace	
			<i>Use to cancel the entire DMR transaction referenced in BTR06 and replace it with this transaction set identified in BTR05.</i>	
Must Use	BTR02	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>Use to indicate the DMR creation date. Express date in CCYYMMDD format.</i>	
Must Use	BTR03	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Must use to indicate the time of the creation of the DMR. Express time in HHMM format.</i>	
Must Use	BTR04	755	Report Type Code	O ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
			<i>Must use to indicate a DMR.</i>	
			DJ Discharge Monitoring Report	

<b>Must Use</b>	<b>BTR05</b>	<b>127</b>	<b>Reference Identification</b>	<b>O AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Must use to indicate the unique number of the DMR.</i>	
	<b>BTR06</b>	<b>127</b>	<b>Reference Identification</b>	<b>O AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>When BTR01 is code 05, use to indicate the DMR number of the transaction being replaced. This is the number found in BTR05 of the original transaction set.</i>	
<b>Not Used</b>	<b>BTR07</b>	<b>786</b>	<b>Security Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of confidentiality assigned by the sender to the information following	

**Segment:** **NTE** Note/Special Instruction  
**Position:** 030  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

**Notes:** *This 1/NTE/030 segment contains comments that pertain to the Permit Number located in 1/REF/120. Use of this segment will not exceed 10 repetitions.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		NCD Nonconformance Specification	
Must Use	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

**Segment:** **DTM** Date/Time Reference  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Must Use)  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** *Must use three occurrences of this DTM segment. Use to specify the Monitoring Period Start Date, the Monitoring Period End Date, and the Certification Date.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		090 Report Start	
		<i>Must use to indicate the Monitoring Period Start Date.</i>	
		091 Report End	
		<i>Must use to indicate the Monitoring Period End Date.</i>	
		458 Certification	
		Date of a document attesting to a fact	
		<i>Use to indicate the date the DMR was certified/signed.</i>	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

<b>Not Used</b>	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
			Code indicating the date format, time format, or date and time format	
<b>Not Used</b>	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **N1** Name  
**Position:** 080  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

**Notes:** 1. *Must use this 1/N1/080 segment to identify the submitter of the DMR (i.e., the Permit Holder).*  
 2. *May also use to identify the U.S. Regional EPA Office that has jurisdiction over the Permit Holder.*  
 3. *May also use to identify a state, when the state is submitting the DMR on behalf of the permit holder.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		2F State	
		<i>Use to identify a state, when the state is submitting the DMR on behalf of the Permit Holder.</i>	
		8D Permit Holder	
		<i>Must use to identify the submitter of the DMR in N102. Use the 1/REF/120 segment to indicate the actual Permit Number.</i>	
		ZD Party to Receive Reports	
		The organization designated to receive reports	
		<i>Use to identify the Regional EPA office. Cite code 94 in N103.</i>	
N102	93	Name	X AN 1/60
		Free-form name	
		<i>When N101 is code 8D, identify the Permit Holder.</i>	
N103	66	Identification Code Qualifier	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

- 1 D-U-N-S Number, Dun & Bradstreet
- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- 94 Code assigned by the organization that is the ultimate destination of the transaction set

*Use to indicate the code used by the regional EPA office or state. Refer to C.2, Region/State Code List for the appropriate code.*

	<b>N104</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
			Code identifying a party or other code		
			<i>Identify the appropriate code from the C.2 list.</i>		
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>	<b>O</b>	<b>ID 2/2</b>
			Code describing entity relationship		
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O</b>	<b>ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual		

**Segment:** **REF** **Reference Identification**  
**Position:** 120  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** *When N101 code is 8D, must use this 1/REF/120 segment to indicate the NPDES number of the Permit Holder.*

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification PN Permit Number <i>Must use to identify the NPDES number of the submitter.</i>	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X ID 2/3

			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **PER Administrative Communications Contact**  
**Position:** 130  
**Loop:** PER Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- Notes:**
1. *Must use this 1/PER/130 to identify the name, title, and telephone number of the Principal Executive Officer (or Authorized Agent) that is certifying the report.*
  2. *May also use to identify the person responsible for the actual testing.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
		AA	Authorized Representative	
			<i>Use to identify the Authorized Agent, if other than the Principal Executive Officer, of the entity identified in 1/N101/080.</i>	
		CE	Certifier	
			<i>Must use to identify the Principal Executive Officer.</i>	
		RP	Responsible Person	
			<i>When required by state reporting requirements, use to indicate the person responsible for the actual testing.</i>	
Must Use	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
		TE	Telephone	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
			<i>The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code.</i>	

*If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.*

Not Used	PER05	365	<b>Communication Number Qualifier</b>	X	ID 2/2
			Code identifying the type of communication number		
Not Used	PER06	364	<b>Communication Number</b>	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER07	365	<b>Communication Number Qualifier</b>	X	ID 2/2
			Code identifying the type of communication number		
Not Used	PER08	364	<b>Communication Number</b>	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER09	443	<b>Contact Inquiry Reference</b>	O	AN 1/20
			Additional reference number or description to clarify a contact number		
			<i>Use to identify the title of the individual indicated in PER01/02.</i>		

**Segment:** **REF** Reference Identification

**Position:** 140

**Loop:** PER Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** *Must use to indicate the PIN Number of the Certifier indicated in 1/PER01/130.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	REF01	128 Reference Identification Qualifier Code qualifying the Reference Identification 4A Personal Identification Number (PIN) A number that uniquely identifies an individual	M ID 2/3
Must Use	REF02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040 Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128 Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128 Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128 Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127 Reference Identification	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Segment:** **LIN** Item Identification

**Position:** 010

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify basic item identification data

**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

- 1 LIN01 is the line item identification

**Comments:**

- 1 See the Data Dictionary for a complete list of IDs.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:**

1. *Use multiple occurrences of this 2/LIN/010 loop to identify each parameter of the DMR.*
2. *Use to identify the Discharge Number.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>Use to identify a sequential number for each repetition of the loop. Enter "1" in the first iteration and increment by 1 for each following loop.</i>	
Must Use	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		P5	Material Discharge Number	
			Number identifying the point where material is discharged	

<b>Must Use</b>	<b>LIN03</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>M</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN04</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN05</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN06</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN07</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN08</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN09</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN11</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN12</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN13</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN14</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN15</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN16</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN17</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>LIN18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>LIN19</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>

			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN20</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN21</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN22</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN23</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN24</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN25</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN26</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN27</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN28</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN29</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN30</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN31</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	

**Segment:** **PID** Product/Item Description

**Position:** 020

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To describe a product or process in coded or free-form format

**Syntax Notes:**

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

**Semantic Notes:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

**Comments:**

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

**Notes:**

1. *Use this 2/PID/020 segment to specify the Parameter Code, Monitoring Location Code, Frequency of Analysis Code, Sample Type Code, and the No Discharge Code.*
2. *When it is necessary to use the LIN loop to communicate comments pertaining to a specific Discharge Number, the PID segment is not required.*
3. *When it is necessary to communicate comments that are applicable to a specific parameter within a Discharge Number, the PID segment is required and the 2/NTE/050 segment is used to convey those comments.*
4. *This segment may occur a maximum of five times for each LIN loop.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			S Structured (From Industry Code List)	
Must Use	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			08 Product	

*Use to indicate the appropriate Permit Compliance System (PCS) code table in PID07 and enter the code value from that table in PID04.*

<b>Must Use</b>	<b>PID03</b>	<b>559</b>	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values EP United States Environmental Protection Agency (EPA)	<b>X</b>	<b>ID 2/2</b>
<b>Must Use</b>	<b>PID04</b>	<b>751</b>	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	<b>X</b>	<b>AN 1/12</b>
<i>Use to indicate the code from the appropriate table identified in PID07.</i>					
<b>Not Used</b>	<b>PID05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X</b>	<b>AN 1/80</b>
<b>Not Used</b>	<b>PID06</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	<b>O</b>	<b>ID 2/2</b>
<b>Must Use</b>	<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O</b>	<b>AN 1/15</b>
<p><i>1. For the PCS Parameter Code table enter PCS160. For the PCS Sample Type Code table enter PCS150. For the PCS Frequency of Analysis Code table enter PCS050. For the PCS Monitoring Location Code table enter PCS080. For the PCS No Discharge Code table enter PCS490.</i></p> <p><i>2. Enter the actual code in PID04.</i></p>					
<b>Not Used</b>	<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	<b>O</b>	<b>ID 1/1</b>
<b>Not Used</b>	<b>PID09</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O</b>	<b>ID 2/3</b>

**Segment:** **MEA** Measurements  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

- Syntax Notes:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
  - 2 If MEA05 is present, then MEA04 is required.
  - 3 If MEA06 is present, then MEA04 is required.
  - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
  - 5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** *Use to indicate the Number of Excursions.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	MEA01	737 Measurement Reference ID Code Code identifying the broad category to which a measurement applies	O ID 2/2
Not Used	MEA02	738 Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies	O ID 1/3
	MEA03	739 Measurement Value The value of the measurement <i>Use to indicate the Number of Excursions value. A zero value must be communicated when there were no Excursions. This field is a maximum of 2 characters.</i>	X R 1/20
	MEA04	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 1N Count	M ID 2/2
Not Used	C00102	1018 Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649 Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355 Unit or Basis for Measurement Code	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range	X R 1/20
Not Used	MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range	X R 1/20
Not Used	MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value	O ID 2/2
Not Used	MEA08	936	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined	X ID 2/2
Not Used	MEA09	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	MEA10	1373	<b>Measurement Method or Device</b> The method or device used to record the measurement	O ID 2/4

**Segment:** **NTE** Note/Special Instruction  
**Position:** 050  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

**Notes:** *1. Use this 2/NTE/050 segment to carry text from the "Comment and Explanation of Violations Section" of the DMR. Specifically, discharge and other parameter level notes may be carried. If discharge level notes are carried, no other segments in the LIN loop are required. (Permit level notes are carried in the header table).*

**Data Element Summary**

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		NCD Nonconformance Specification	
Must Use	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

**Segment:** **CID** **Characteristic/Class ID**  
**Position:** 060  
**Loop:** CID Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the general class or specific characteristic upon which test results are being reported or are to be taken

- Syntax Notes:**
- 1 At least one of CID01 CID02 CID04 or CID05 is required.
  - 2 If either CID03 or CID04 is present, then the other is required.
  - 3 If CID06 is present, then both CID03 and CID04 are required.
  - 4 If CID07 is present, then at least one of CID04 or CID05 is required.

- Semantic Notes:**
- Comments:**
- 1 CID06 specifies the individual code list of the agency specified in CID03.
  - 2 CID07 refers to whether or not the characteristic identified in CID04 or CID05 or both is affected by the product change. If it is affected, the value is "Y". A value of "N" is used when it is known that it will not be affected. Any other value indicates it is indeterminate.

**Notes:** *Use this 2/CID/060 loop to specify the PCS measurement/unit-code combinations.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
CID01	738	Measurement Qualifier		X ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies		
		TR	Length Type: Random	
			<i>Use as a place holder to initiate the CID loop.</i>	
Not Used	CID02	750	Product/Process Characteristic Code	X ID 2/3
			Code identifying the general class of a product or process characteristic	
Not Used	CID03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
Not Used	CID04	751	Product Description Code	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
Not Used	CID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	CID06	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
Not Used	CID07	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	

**Segment:** **MEA** Measurements  
**Position:** 150  
**Loop:** MEA Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:**

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:**

1. *Use this 2/MEA/150 loop to identify the "Quality or Concentration" minimum, maximum, and average measurements; and use once each for "Quantity or Loading" maximum and average measurements.*
2. *Segment may be used up to 5 times within each LIN/CID loop.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Not Used	MEA01	737	Measurement Reference ID Code	O ID 2/2
			Code identifying the broad category to which a measurement applies	
	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
		CON	Concentration	
			The relative amount of a component of a sample of product containing multiple components	
			<i>Use to indicate the "Quality or Concentration" measurements. Use separate iterations of the MEA segments to identify each of the measurements (minimum, maximum, average).</i>	
		QUR	Reportable Quantity	
			<i>Use to indicate the "Quantity or Loading" measurements. Use separate iterations of the MEA segment for each measurement (maximum and average measurements).</i>	
	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	

1. Use with MEA02 codes CON or QUR to indicate an average value.
2. If the value is a negative number, the leading minus sign is used.
3. Only eight characters are acceptable. A zero value must also be reported.

	<b>MEA04</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>X</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
<b>Must Use</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			EA                      Each	
			<i>Use a dummy unit of measure. The unit code is carried in the LM/LQ loop.</i>	
<b>Not Used</b>	<b>C00102</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00103</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00104</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>Not Used</b>	<b>C00105</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00106</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00107</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>Not Used</b>	<b>C00108</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00109</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00110</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>Not Used</b>	<b>C00111</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00112</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00113</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner	

			in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	MEA05	740	<b>Range Minimum</b>	X R 1/20
			The value specifying the minimum of the measurement range	
			<p><i>1. Use with MEA02 code CON to indicate a minimum Quality or Concentration value.</i></p> <p><i>2. If the value is a negative number, the leading minus sign is used.</i></p> <p><i>3. Enter up to eight characters. A zero must be entered when a zero value is being reported.</i></p>	
	MEA06	741	<b>Range Maximum</b>	X R 1/20
			The value specifying the maximum of the measurement range	
			<p><i>1. Use with MEA02 codes CON and QUR to identify a "Quality or Concentration" or "Quantity or Loading" maximum value.</i></p> <p><i>2. If the value is a negative number, the leading minus sign is used.</i></p> <p><i>3. Enter up to eight characters. A zero must be entered when a zero value is being reported.</i></p>	
	MEA07	935	<b>Measurement Significance Code</b>	O ID 2/2
			Code used to benchmark, qualify or further define a measurement value	
			06 Greater than	
			07 Less than	
			46 Estimated	
	MEA08	936	<b>Measurement Attribute Code</b>	X ID 2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined	
			TA Too Numerous to Count	
			<p><i>When this code is used, then either MEA03, MEA05, or MEA06 must contain '99999' (five 9s).</i></p>	
Not Used	MEA09	752	<b>Surface/Layer/Position Code</b>	O ID 2/2
			Code indicating the product surface, layer or position that is being described	
Not Used	MEA10	1373	<b>Measurement Method or Device</b>	O ID 2/4
			The method or device used to record the measurement	

**Segment:** **LM** Code Source Information  
**Position:** 172  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 LM02 identifies the applicable industry code list source information.

**Notes:** *Use this 2/LM/172 loop to specify the unit of measure codes.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			EP United States Environmental Protection Agency (EPA)	
	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
			<i>Use to identify the PCS measurement unit code table number (e.g. PCS180).</i>	

**Segment:** **LQ** Industry Code  
**Position:** 174  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Not Used	LQ01	1270	<b>Code List Qualifier Code</b> Code identifying a specific industry code list	O ID 1/3
	LQ02	1271	<b>Industry Code</b> Code indicating a code from a specific industry code list <i>Use to indicate the PCS unit of measure code from the Industry Code List identified in 2/LM02/172.</i>	X AN 1/30

**Segment:** **SE** Transaction Set Trailer  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>Must Use</b>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Enter the same number as the one carried in ST02.</i>	