APPENDIX E: NEI DATA SUBMISSION FORMAT

April 2003
NEI Input Format - Point Sources
Version 3.0

Record: Transmittal

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblPointTR	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	TR	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	87	M	M	ORGANIZATION NAME	CHARACTER	80	The name of the organization that is affiliated with a facility or project. (i.e., this data submittal)	Name of organization submitting the dataset.	strOrganizationName	Text
88	89	M	M	TRANSACTION TYPE	CHARACTER	2	Original or Correction (replacement) data set.	Code table - TRANSACTION_TYPES	strTransactionType	Text
90	93	M	M	INVENTORY YEAR	NUMBER	4	Year of inventory data in dataset.	A four digit year, ie. 1998	intInventoryYear	Integer
94	103	M	M	INVENTORY TYPE CODE	CHARACTER	10	Indicates that the data set contains criteria data, toxics data, or both.	Code table - INVENTORY_TYPES	strInventoryTypeCode	Text
104	111	M	M	TRANSACTION CREATION DATE	NUMBER	8	Creation date of transmittal data.	Format: YYYYMMDD	lngTransactionCreationDate	Lng Integer
112	115	M	M	INCREMENTAL SUBMISSION NUMBER	NUMBER	4	A unique report number that differentiates this submission from others.	The initial number is 1 and it is incremented by 1 for every submission per transaction type.	intIncrementalSubmissionNumber	Integer
116	120			RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for overall inventory.	Percent value with 2 decimal places	sngReliabilityIndicator	Single
121	200			TRANSACTION COMMENTS	CHARACTER	80	General comments regarding transmittal.		strTransactionComments	Text
201	270	M	M	CONTACT PERSON NAME	CHARACTER	70	The complete name of the contact person, including first name, middle name or initial, and surname. Lead contact for organization transmitting dataset.	EPA's single point of contact for questions that may arise concerning how the data in the file was developed. See also Affiliation Type.	strContactPersonName	Text
271	285	M	M	CONTACT PHONE NUMBER	CHARACTER	15	The phone number for the contact name.		strContactPhoneNumber	Text
286	295	M	M	TELEPHONE NUMBER TYPE NAME	CHARACTER	10	The name that describes telephone number type, e.g., the CONTACT PHONE NUMBER. Valid values include: Office, Fax, Mobile, Pager, Home.	Report a voice communication number available during normal work hours, i.e., Office.	strTelephoneNumberTypeName	Text
296	395	M	M	ELECTRONIC ADDRESS TEXT	CHARACTER	100	A resource address usually consisting of the access protocol, the domain name, and optionally, the path to a file or location.	Report Email.	strElectronicAddressText	Text
396	405	M	M	ELECTRONIC ADDRESS TYPE NAME	CHARACTER	10	The name that describes the type of electronic address reported. Valid values include: Email, Internet, Intranet, HTTP, FTP, Telnet, and WAIS.	Report Email.	strElectronicAddressTypeName	Text
406	430	M	M	SOURCE TYPE	CHARACTER	25	Source type = Point.	Code table - SOURCE_TYPES	strSourceType	Text
431	470	M	M	AFFILIATION TYPE	CHARACTER	40	The name that describes the capacity or function that an organization or individual serves for a facility or project. Report value = Report Certifier.	Code table - AFFILIATION_TYPE. Report Certifier for NEI is EPA's point of contact to either answer questions or identify whom to forward EPA program questions concerning the data content in the file.	strAffiliationTypeCode	Text
471	474	M	M	FORMAT VERSION	DECIMAL	4	Indicates the NEI Input Format version number of the dataset.		sngFormatVersion	Single
475	478	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

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Record: Site

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblPointSI	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	SI	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	34			FACILITY REGISTRY IDENTIFIER	CHARACTER	12	The ID number assigned by the EPA Facility Registry System.		strFacilityRegistryIdentifier	Text
35	36		M	FACILITY CATEGORY	CHARACTER	2	Indicates if HAP emitting facility is MAJOR or AREA.	Code table - FACILITY_CATEGORY	strFacilityCategry	Text
37	42			ORIS FACILITY CODE	CHARACTER	6	Unique identifier for electric generating units.	DOE code for electric generating units.	strORISFacilityCode	Text
43	46	N	N	SIC PRIMARY	CHARACTER	4	Standard Industrial Classification code system.	Code table - SIC	strSICPrimary	Text
47	52	M	M	NAICS PRIMARY	CHARACTER	6	North American Industry Classification code.	Code table - NAICS	strNAICSPrimary	Text
53	132	M	M	FACILITY NAME	CHARACTER	80	The name of the facility.		strFacilityName	Text
133	172			SITE DESCRIPTION	CHARACTER	40	Comments/ description for this facility.		strSiteDescription	Text
173	222	M	M	LOCATION ADDRESS	CHARACTER	50	Physical location of the front door / main entrance of the facility site.		strLocationAddress	Text
223	282	M	M	CITY	CHARACTER	60	The name of the city.		strCity	Text
283	284	M	M	STATE	CHARACTER	2	State abbreviation.		strState	Text
285	298	M	M	ZIPCODE	CHARACTER	14	The U.S. Postal Service zip code.		strZipCode	Text
299	338			COUNTRY	CHARACTER	40	The country name.		strCountry	Text
339	358			NTI SITE ID	CHARACTER	20	ID for the facility in the 1996 NTI.		strNTISiteID	Text
359	367			DUN & BRADSTREET NUMBER	CHARACTER	9	Dun & Bradstreet no. for the facility.		strDun&BradstreetNumber	Text
368	387			TRI ID	CHARACTER	20	Toxic Release Inventory (TRI) ID for facility.		strTRIID	Text
388	391			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
392	395	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

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Record: Emission Unit

Position		Mandatory/Necessary							If Using MSAccess	
									Table: tblPointEU	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EU	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	28	M	* M *	***EMISSION UNIT ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strEmissionUnitID***	Text
29	33			ORIS BOILER ID	CHARACTER	5	EPA code for electric generating units.		strORISBoilerID	Text
34	37	N		SIC UNIT LEVEL	CHARACTER	4	Standard Industrial Classification code system.	Code table - SIC	strSICUnitLevel	Text
38	43	N		NAICS UNIT LEVEL	CHARACTER	6	North American Industry Classification code.	Code table - NAICS	strNAICSUnitLevel	Text
44	45					2			strBlankField	Text
46	55			DESIGN CAPACITY	DECIMAL	10	Numeric value of average operational capacity for an Emission Unit.	Report design capacity value if unit is a boiler or turbine.	sngDesignCapacity	Single
56	65			DESIGN CAPACITY UNIT NUMERATOR	CHARACTER	10	The unit of measure for the design capacity reported (ie., BTU, E6BTU, or HP).	If boiler, report numerator = BTU, E6BTU, or HP. If other than boiler, report appropriate numerator from Code table - UNITS.	strDesignCapacityUnitNumerator	Text
66	75			DESIGN CAPACITY UNIT DENOMINATOR	CHARACTER	10	The unit of measure for the design capacity reported (ie., HR).	If boiler, report denominator as HR. If numerator above = HP, denominator does not apply (leave blank). If other than boiler, report appropriate denominator from Code table - UNITS.	strDesignCapacityUnitDenominator	Text
76	85			MAX NAMEPLATE CAPACITY	DECIMAL	10	Electric Generator's rated design capacity at 100% (max) operation.	Report value in unit of measure MW.	sngMaxNameplateCapacity	Single
86	165			EMISSION UNIT DESCRIPTION	CHARACTER	80	Emission unit description		strEmissionUnitDescription	Text
166	169			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
170	173	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

* M * - EMISSION UNIT ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = UNIT, OR PROCESS.
(See NIF User Guide regarding EM record and EMISSION DATA LEVEL.)

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Record: Emission Release Point

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblPointER	
Begin	End	Criteria	Toxics	Data Element	Data Type	Length	Data Definitions	Use Convention Notes See User's Guide for more information	Field Name	Field Type
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	ER	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	28					6			strBlankField	Text
29	34	M	M	***EMISSION RELEASE POINT ID***	CHARACTER	6	State/ local/ tribal ID for point / location where emissions are released to ambient air.	Unique ID required - If no stack, then ID for fugitive release.	***strEmissionReleasePointID***	Text
35	36	M	M	EMISSION RELEASE POINT TYPE	CHARACTER	2	The code for physical configuration of the release point.	Code table - EMIS_RELEASE_POINT_TYPES	strEmissionReleasePointType	Text
37	46					10			strBlankField2	Text
47	56	N	N	STACK HEIGHT	DECIMAL	10	The height (in feet) of a stack.	Report value as measured in feet.	sngStackHeight	Single
57	66	N	N	STACK DIAMETER	DECIMAL	10	The diameter (in feet) of a stack.	Report value as measured in feet.	sngStackDiameter	Single
67	74			STACK FENCELINE DISTANCE	DECIMAL	8	Numeric value for stack to fenceline distance (in feet).	Report value as measured in feet.	sngStackFencelineDistance	Single
75	84	N	N	EXIT GAS TEMPERATURE	DECIMAL	10	The temperature of an exit gas stream (degree Fahrenheit).	Report value as measured in Farenheit.	sngExitGasTemperature	Single
85	94	N	N	EXIT GAS VELOCITY	DECIMAL	10	The velocity of an exit gas stream (feet per second).	Report value as measured in feet/second.	sngExitGasVelocity	Single
95	104	N	N	EXIT GAS FLOW RATE	DECIMAL	10	Numeric value of stack gas flow rate in (actual cubic feet per second).	Report value as measured in cubic feet/second.	sngExitGasFlowRate	Single
105	115	M	M	X COORDINATE	DECIMAL	11	Longitude measure in decimal degrees of the angular distance on a meridian east or west of the prime meridian. Negative (-) data point for N America. Include (-) sign, Ex. -123.234561; or UTM Easting in kilometers.	If LATLON measure, report value in decimal degrees. If UTM, report value for UTM zone.	dblXCoordinate	Double
116	125	M	M	Y COORDINATE	DECIMAL	10	Latitude measure in decimal degrees of the angular distance on a meridian north or south of the equator. Positive (+) data point for N America. Include (+) sign, Ex. +78.123456; or UTM Northing in kilometers.	If LATLON measure, report value in decimal degrees. If UTM, report value for UTM zone.	dblYCoordinate	Double
126	127	M	M	UTM ZONE	NUMBER	2	Zone number in UTM coordinate system.	Required if XY COORDINATE TYPE = UTM.	intUTMZone	Integer
128	135	M	M	XY COORDINATE TYPE	CHARACTER	8	Type of coordinate system used, eg., LATLON or UTM.	Code table - XY_COORD_TYPE	strXYCoordinateType	Text
136	143			HORIZONTAL AREA FUGITIVE	NUMBER	8	Horizontal area of fugitive emissions.	Numeric value of horizontal dimension.	lngHorizontalAreaFugitive	Lng Integer
144	151			RELEASE HEIGHT FUGITIVE	NUMBER	8	Release height (above terrain) of fugitive emissions.	Numeric value of release height.	lngReleaseHeightFugitive	Lng Integer
152	161			FUGITIVE DIMENSIONS UNIT	CHARACTER	10	Unit of measure description. Horizontal area and release height dimensions are same.	Code table - UNITS.	strFugitiveDimensionsUnit	Text
162	241			EMISSION RELEASE PT DESCRIPTION	CHARACTER	80			strEmissionsReleasePtDescription	Text
242	245			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
246	248	M	M	HORIZONTAL COLLECTION METHOD CODE	CHARACTER	3	Method used to determine the lat and lon coordinates for a point on the earth.	Code table - HORIZONTAL_COLLECTION_METHOD	strHorizontalCollectionMethodCode	Text
249	254	M	M	HORIZONTAL ACCURACY MEASURE	CHARACTER	6	The measure of accuracy (in meters) of the lat and lon coordinates.		strHorizontalAccuracyMeasure	Text
255	257	M	M	HORIZONTAL REFERENCE DATUM CODE	CHARACTER	3	Code that represents the reference datum used to determine the lat / lon coordinates.	Code table - HORIZONTAL_REFERENCE_DATUM	strHorizontalReferenceDatumCode	Text
258	260	M	M	REFERENCE POINT CODE	CHARACTER	3	The code that represents the place for which geographic coordinates were established. Code value should be 106 (Point where substance is released).	Code table - REFERENCE_POINT	strReferencePointCode	Text
261	270			SOURCE MAP SCALE NUMBER	CHARACTER	10	The number that represents the proportional distance on the ground for one unit of measure on the map or photo.	Applicable only when a map has been used to determine lat / lon.	strSourceMapScaleNumber	Text
271	273			COORDINATE DATA SOURCE CODE	CHARACTER	3	The code that represents the party responsible for providing the lat / lon coordinates.	Code table - COORDINATE_DATA_SOURCE	strCoordinateDataSourceCode	Text
274	277	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

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Record: Emission Process (EP)

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblPointEP	
Begin	End	Criteria	Toxics	Data Element	Data Type	Length	Data Definitions	Use Convention Notes See User's Guide for more information	Field Name	Field Type
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EP	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	28	M	*M*	***EMISSION UNIT ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strEmissionUnitID***	Text
29	34	M	M	EMISSION RELEASE POINT ID	CHARACTER	6	State/ local/ tribal ID for point / location where emissions are released to ambient air.	Unique ID required - If no stack, then ID for fugitive release.	strEmissionReleasePointID	Text
35	40	M	*M*	***PROCESS ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strProcessID***	Text
41	50	M		SCC	CHARACTER	10	EPA Source Category Code for Point Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	strSCC	Text
51	56		N	PROCESS MACT CODE	CHARACTER	6	Maximum Achievable Control Technology for HAP regulated sources	Code table - MACT_CATEGORY_CODE	strProcessMACTCode	Text
57	134			EMISSION PROCESS DESCRIPTION	CHARACTER	78	A text description of the Emission Process.		strEmissionProcessDescripton	Text
135	137	N		WINTER THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intWinterThroughputPCT	Integer
138	140	N		SPRING THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intSpringThroughputPCT	Integer
141	143	N		SUMMER THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intSummerThroughputPCT	Integer
144	146	N		FALL THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intFallThroughputPCT	Integer
147	147	N		ANNUAL AVG DAYS PER WEEK	NUMBER	1	Average number of days per week an emission process is active within year.		intAnnualAvgDaysPerWeek	Integer
148	149	N		ANNUAL AVG WEEKS PER YEAR	NUMBER	2	Average number of weeks per year an emission process is active.		intAnnualAvgWeeksPerYear	Integer
150	151	N		ANNUAL AVG HOURS PER DAY	NUMBER	2	Average number of hours per day an emission process is active within year.		intAnnualAvgHoursPerDay	Integer
152	155	N		ANNUAL AVG HOURS PER YEAR	NUMBER	4	Average number of hours per year an emission process is active.		intAnnualAvgHoursPerYear	Integer
156	163	N		HEAT CONTENT	DECIMAL	8	The heat content of a fuel in million BTU's per Ton of coal, 1000 Gals of oil, or million SCF gas.		sngHeatContent	Single
164	168	N		SULFUR CONTENT	DECIMAL	5	The sulfur content of a fuel (mass percent).		sngSulfurContent	Single
169	173	N		ASH CONTENT	DECIMAL	5	The ash content of a fuel (mass percent).		sngAshContent	Single
174	179		N	PROCESS MACT COMPLIANCE STATUS	CHARACTER	6	Major/Area classification and status under CAAA Sections 112&129.	Code table - MACT COMPLIANCE STATUS	strProcessMACTComplianceStatus	Text
180	183			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
184	187	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table -TRIBAL_CODES	strTribalCode	Text

* M * -

EMISSION UNIT ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = UNIT or PROCESS.

PROCESS ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = PROCESS.

(See NIF User Guide regarding EM record and EMISSION DATA LEVEL.)

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Record: Control Equipment

Position		Mandatory/ Necessary							If Using MSAccess	
									Table: tblPointCE	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	CE	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	28	M	* M *	***EMISSION UNIT ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strEmissionUnitID***	Text
29	34	M	* M *	***PROCESS ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strProcessID***	Text
35	43	M	M	***POLLUTANT CODE***	CHARACTER	9	Pollutant Code	Code table - POLLUTANTS	***strPollutantCode***	Text
44	54					11			strBlankField	Text
55	59	N	N	PRIMARY PCT CONTROL EFFICIENCY	DECIMAL	5	The percent effectiveness of primary control device.		sngPrimaryPCTControlEfficiency	Single
60	64	N	N	PCT CAPTURE EFFICIENCY	DECIMAL	5	Numeric value for percentage capture efficiency of control system.		sngPCTCaptureEfficiency	Single
65	69	N	N	TOTAL CAPTURE CONTROL EFFICIENCY	DECIMAL	5	Collective (aggregate) value for all controls.		sngTotalCaptureControlEfficiency	Single
70	73	M	M	PRIMARY DEVICE TYPE CODE	CHARACTER	4	The primary type of control equipment used.	Code table - CONTROL_DEVICE_TYPES	strPrimaryDeviceTypeCode	Text
74	77			SECONDARY DEVICE TYPE CODE	CHARACTER	4	Secondary control device type.	Code table - CONTROL_DEVICE_TYPES	strSecondaryDeviceTypeCode	Text
78	102					25			strBlankField2	Text
103	142			CONTROL SYSTEM DESCRIPTION	CHARACTER	40	Description of control equipment chain.		strControlSystemDescription	Text
143	146			THIRD CONTROL DEVICE TYPE CODE	CHARACTER	4	Third control device type.	Code table - CONTROL_DEVICE_TYPES	strThirdControlDeviceTypeCode	Text
147	150			FOURTH CONTROL DEVICE TYPE CODE	CHARACTER	4	Fourth control device type.	Code table - CONTROL_DEVICE_TYPES	strFourthControlDeviceTypeCode	Text
151	154			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
155	158	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

* M * - EMISSION UNIT ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = UNIT or PROCESS .
PROCESS ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = PROCESS.
(See NIF User Guide regarding EM record and EMISSION DATA LEVEL.)

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Record: Emission Period (PE)

Position		Mandatory/ Necessary							If Using MSAccess	
									Table: tblPointPE	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	PE	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	28	M	* M *	***EMISSION UNIT ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strEmissionUnitID***	Text
29	34	M	* M *	***PROCESS ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strProcessID***	Text
35	42	M	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngStartDate***	Lng Integer
43	50	M	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngEndDate***	Lng Integer
51	52					2			strBlankField	Text
53	56			START TIME	NUMBER	4	Start time of the period.	Format: HHMM	intStartTime	Integer
57	60			END TIME	NUMBER	4	End time of the period.	Format: HHMM	intEndTime	Integer
61	70					10			strBlankField2	Text
71	80	N		ACTUAL THROUGHPUT	DECIMAL	10	Numeric value of process activity.	Report actual throughput for the emission period designated, e.g., Start Date, End Date.	sngActualThroughput	Single
81	90	N		THROUGHPUT UNIT NUMERATOR	CHARACTER	10	Throughput unit of measure.	Code table - UNITS	strThroughputUnitNumerator	Text
91	94	N		MATERIAL	NUMBER	4	Material code for material processed.	Code table - MATERIALS_PROCESSED	intMaterial	Integer
95	104	N		MATERIAL I/O	CHARACTER	10	A descriptor indicating whether material is used or produced.	Code table - MATERIALS IO	strMaterialIO	Text
105	105	N		PERIOD DAYS PER WEEK	NUMBER	1	Avg no. days/wk the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodDaysPerWeek	Integer
106	107	N		PERIOD WEEKS PER PERIOD	NUMBER	2	Avg no. wks/yperiod the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodWeeksPerPeriod	Integer
108	109	N		PERIOD HOURS PER DAY	NUMBER	2	Avg no. hrs/day the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodHoursPerDay	Integer
110	113	N		PERIOD HOURS PER PERIOD	NUMBER	4	Avg no. hrs/period the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodHoursPerPeriod	Integer
114	117			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del; or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
118	121	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

* M * - EMISSION UNIT ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = UNIT or PROCESS.
PROCESS ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = PROCESS.
(See NIF User Guide regarding EM record and EMISSION DATA LEVEL.)

April 2003
NEI Input Format - Point Sources
Version 3.0

Record: Emission

Position		Mandatory/ Necessary							If Using MSAccess	
									Table Name: tblPointEM	
Begin	End	Criteria	Toxics	Data Element	Data Type	Length	Data Definitions	Use Convention Notes See User's Guide for more information	Field Name	Field Type
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EM	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	22	M	M	***STATE FACILITY IDENTIFIER***	CHARACTER	15	Unique ID number used by a state/loca/tribal agency to identify a facility.		***strStateFacilityIdentifier***	Text
23	28	M	* M *	***EMISSION UNIT ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strEmissionUnitID***	***Text***
29	34	M	* M *	***PROCESS ID***	CHARACTER	6	Unique ID reported consistently over time by state/ local/ tribal agency.		***strProcessID***	***Text***
35	43	M	M	***POLLUTANT CODE***	CHARACTER	9	Pollutant Code	Code table - POLLUTANTS	***strPollutantCode***	***Text***
44	50					7			strBlankField	Text
51	56		M	***EMISSION RELEASE POINT ID***	CHARACTER	6	State/ local/ tribal ID for point / location where emissions are released to ambient air.	Unique ID required - If no stack, then ID for fugitive release.	***strEmissionReleasePointID***	***Text***
57	64	M	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngStartDate***	***Lng Integer***
65	72	M	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngEndDate***	***Lng Integer***
73	76			START TIME	NUMBER	4	Start time of the period.	Format: HHMM	intStartTime	Integer
77	80			END TIME	NUMBER	4	End time of the period.	Format: HHMM	intEndTime	Integer
81	90					10			strBlankField2	Text
91	100	M	M	EMISSION NUMERIC VALUE	DECIMAL	10	Numeric value of emission.	Unit for criteria emissions: annual = TON; average season day = LBS.	dblEmissionNumericValue	Double
101	110	M	M	EMISSION UNIT NUMERATOR	CHARACTER	10	Unit of measure for reported emissions value. If criteria emissions, report unit: annual = TON; average season day = LBS.	Code table - UNITS	strEmissionUnitNumerator	Text
111	112	M	M	***EMISSION TYPE***	CHARACTER	2	Code describing temporal designation of emissions reported, i.e., Entire Period, Average Weekday, etc.	Code table - EMISSION_TYPES. See User's Guide instruction on how to designate time period & emission type for annual or average season day emissions.	***strEmissionType***	***Text***
113	117			EM RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for SCC level emissions.	Percent value with 2 decimal places	sngEMReliabilityIndicator	Single
118	127	N		FACTOR NUMERIC VALUE	DECIMAL	10	The numeric value of the emission factor.		sngFactorNumericValue	Single
128	137	N		FACTOR UNIT NUMERATOR	CHARACTER	10	Unit of measure for emission factor numerator.	Code table - UNITS	strFactorUnitNumerator	Text
138	147	N		FACTOR UNIT DENOMINATOR	CHARACTER	10	Unit of measure for emission factor denominator.	Code table - UNITS	strFactorUnitDenominator	Text
148	151	N		MATERIAL	NUMBER	4	Material code for material processed.	Code table - MATERIALS_PROCESSED	intMaterial	Integer
152	161	N		MATERIAL I/O	CHARACTER	10	A descriptor indicating whether material is used or produced.	Code table - MATERIAL IO	strMaterialIO	Text
162	166					5			strBlankField3	Text
167	168			EMISSION CALCULATION METHOD CODE	CHARACTER	2	Code description of the method used to derive emissions.	Code table - EMISSION_CALC_METHOD	strEmissionCalculationMethodCode	Text
169	173			EF RELIABILITY INDICATOR	CHARACTER	5	A reliability indicator code for emission factor rating.	Code table - RELIABILITY_INDICATORS	strEFReliabilityIndicator	Text
174	178	N		RULE EFFECTIVENESS	DECIMAL	5	Measure of the percent effectiveness of the control strategy.		sngRuleEffectiveness	Single
179	180			RULE EFFECTIVENESS METHOD	CHARACTER	2	The code identifying the rule effectiveness method.	Code table - RULE_EFFECT_METHODS	strRuleEffectivenessMethod	Text
181	183					3			strBlankField4	Text
184	185		M	HAP EMISSIONS PERFORMANCE LEVEL	CHARACTER	2	Code that represents the performance level, or operating scenario, for the HAP emissions reported.	Valid values = Actual, Allowable, Maximum, Potential	strHAPEmissionsPerformanceLevel	Text
186	197		M	CONTROL STATUS	CHARACTER	12	Indicates if reported emissions are controlled or uncontrolled.	Valid values = CONTROLLED, UNCONTROLLED	strControlStatus	Text
198	207		M	EMISSION DATA LEVEL	CHARACTER	10	The level of site emissions disaggregation reported on the emission record.	Valid values = SITE, UNIT, STACK, or PROCESS	strEmissionDataLevel	Text
208	211			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
212	215	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

* M *
EMISSION UNIT ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = UNIT or PROCESS.
PROCESS ID for toxic pollutant submission is Mandatory if EMISSION DATA LEVEL = PROCESS.
(See NIF User Guide regarding EM record and EMISSION DATA LEVEL.)

April 2003

NEI Input Format - Area and Non Road Mobile Sources

Version 3.0

Record: Transmittal

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblAreaTR	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	TR	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	87	M	M	ORGANIZATION NAME	CHARACTER	80	The name of the organization that is affiliated with a facility or project. (i.e., this data submittal)	Name of organization submitting the dataset.	strOrganizationName	Text
88	89	M	M	TRANSACTION TYPE	CHARACTER	2	Original or Correction (replacement) data set.	Code table - TRANSACTION_TYPES	strTransactionType	Text
90	93	M	M	INVENTORY YEAR	NUMBER	4	Year of inventory data in dataset.	A four digit year, ie. 1998	intInventoryYear	Integer
94	103	M	M	INVENTORY TYPE CODE	CHARACTER	10	Indicates that the data set contains criteria data, toxics data, or both.	Code table - INVENTORY_TYPES	strInventoryTypeCode	Text
104	111	M	M	TRANSACTION CREATION DATE	NUMBER	8	Creation date of transmittal data.	Format: YYYYMMDD	lngTransactionCreationDate	Lng Integer
112	115	M	M	INCREMENTAL SUBMISSION NUMBER	NUMBER	4	A unique report number that differentiates this submission from others.	The initial number is 1 and it is incremented by 1 for every submission per transaction type.	intIncrementalSubmissionNumber	Integer
116	120			RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for overall inventory.	Report percent value with 2 decimal places.	sngReliabilityIndicator	Single
121	200			TRANSACTION COMMENTS	CHARACTER	80	General comments regarding transmittal.		strTransactionComments	Text
201	270	M	M	CONTACT PERSON NAME	CHARACTER	70	The complete name of the contact person, including first name, middle name or initial, and surname. Lead contact for organization transmitting dataset.	EPA's single point of contact for questions that may arise concerning how the data in the file was developed. See also Affiliation Type.	strContactPersonName	Text
271	285	M	M	CONTACT PHONE NUMBER	CHARACTER	15	The phone number for the contact name.		strContactPhoneNumber	Text
286	295	M	M	TELEPHONE NUMBER TYPE NAME	CHARACTER	10	The name that describes telephone number type, e.g., the CONTACT PHONE NUMBER. Valid values include: Office, Fax, Mobile, Pager, Home.	Report a voice communication number available during normal work hours, i.e., Office.	strTelephoneNumberTypeName	Text
296	395	M	M	ELECTRONIC ADDRESS TEXT	CHARACTER	100	A resource address usually consisting of the access protocol, the domain name, and optionally, the path to a file or location.	Report Email.	strElectronicAddressText	Text
396	405	M	M	ELECTRONIC ADDRESS TYPE NAME	CHARACTER	10	The name that describes the type of electronic address reported. Valid values include: Email, Internet, Intranet, HTTP, FTP, Telnet, and WAIS.	Report Email.	strElectronicAddressTypeName	Text
406	430	M	M	SOURCE TYPE	CHARACTER	25	Source type = Area or Nonroad Mobile.	Code table - SOURCE_TYPES	strSourceType	Text
431	470	M	M	AFFILIATION TYPE	CHARACTER	40	The name that describes the capacity or function that an organization or individual serves for a facility or project. Report value = Report Certifier.	Code table - AFFILIATION_TYPE. Report Certifier for NEI is EPA's point of contact to either answer questions or identify whom to forward EPA program questions concerning the data content in the file.	strAffiliationTypeCode	Text
471	474	M	M	FORMAT VERSION	DECIMAL	4	Indicates the NEI Input Format version number of the dataset.		sngFormatVersion	Single
475	478	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

April 2003

NEI Input Format - Area and Non Road Mobile Sources

Version 3.0

Record: Emission Process

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblAreaEP	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EP	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	17	M	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	23		N	PROCESS MACT CODE	CHARACTER	6	Maximum Achievable Control Technology for HAP regulated sources.	Code table - MACT_CATEGORY_CODE	strProcessMACTCode	Text
24	101			EMISSION PROCESS DESCRIPTION	CHARACTER	78	A text description of the Emission Process.		strEmissionProcessDescription	Text
102	105			SIC	CHARACTER	4	Standard Industrial Classification code system.	Code table - SIC	strSIC	Text
106	111			NAICS	CHARACTER	6	North American Industry Classification code.	Code table - NAICS	strNAICS	Text
112	114	N		WINTER THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intWinterThroughputPCT	Integer
115	117	N		SPRING THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intSpringThroughputPCT	Integer
118	120	N		SUMMER THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intSummerThroughputPCT	Integer
121	123	N		FALL THROUGHPUT PCT	NUMBER	3	The percentage a process operates during the spring months. Whole number between 0 to 100.		intFallThroughputPCT	Integer
124	124	N		ANNUAL AVG DAYS PER WEEK	NUMBER	1	Average number of days per week an emission process is active within year.		intAnnualAvgDaysPerWeek	Integer
125	126	N		ANNUAL AVG WEEKS PER YEAR	NUMBER	2	Average number of weeks per year an emission process is active.		intAnnualAvgWeeksPerYear	Integer
127	128	N		ANNUAL AVG HOURS PER DAY	NUMBER	2	Average number of hours per day an emission process is active within year.		intAnnualAvgHoursPerDay	Integer
129	132	N		ANNUAL AVG HOURS PER YEAR	NUMBER	4	Average number of hours per year an emission process is active.		intAnnualAvgHoursPerYear	Integer
133	140			HEAT CONTENT	DECIMAL	8	The heat content of a fuel in million BTU's per Ton of coal, 1000 Gals of oil, or million SCF gas.		sngHeatContent	Single
141	145			SULFUR CONTENT	DECIMAL	5	The sulfur content of a fuel (mass percent).		sngSulfurContent	Single
146	150			ASH CONTENT	DECIMAL	5	The ash content of a fuel (mass percent).		sngAshContent	Single
151	156		N	PROCESS MACT COMPLIANCE STATUS	CHARACTER	6	Major/Area classification and status under CAAA Sections 112&129.	Code table - MACT COMPLIANCE STATUS	strProcessMACTComplianceStatus	Text
157	160			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
161	164	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

April 2003

NEI Input Format - Area and Non Road Mobile Sources

Version 3.0

Record: Emission Period

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblAreaPE	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	PE	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	17	M	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	25	M	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngStartDate***	Lng Integer
26	33	M	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngEndDate***	Lng Integer
34	35					2			strBlankField	Text
36	39			START TIME	NUMBER	4	Start time of the activity.	Format: HHMM	intStartTime	Integer
40	43			END TIME	NUMBER	4	End time of the activity.	Format: HHMM	intEndTime	Integer
44	53	N		ACTUAL THROUGHPUT	DECIMAL	10	Numeric value of process activity.	Report actual throughput for the emission period designated, e.g., Start Date, End Date.	sngActualThroughput	Single
54	63	N		THROUGHPUT UNIT NUMERATOR	CHARACTER	10	Throughput unit of measure.	Code table - UNITS	strThroughputUnitNumerator	Text
64	67	N		MATERIAL	NUMBER	4	Material code for material processed.	Code table - MATERIALS_PROCESSED	intMaterial	Integer
68	77	N		MATERIAL I/O	CHARACTER	10	A descriptor indicating whether material is used or produced.	Code table - MATERIALS IO	strMaterialIO	Text
78	78	N		PERIOD DAYS PER WEEK	NUMBER	1	Avg no. days/wk the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodDaysPerWeek	Integer
79	80	N		PERIOD WEEKS PER PERIOD	NUMBER	2	Avg no. wks/yperiod the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodWeeksPerPeriod	Integer
81	82	N		PERIOD HOURS PER DAY	NUMBER	2	Avg no. hrs/day the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodHoursPerDay	Integer
83	86	N		PERIOD HOURS PER PERIOD	NUMBER	4	Avg no. hrs/period the process is active within the time period specified.	Operating parameter applied when emission period is less than annual.	intPeriodHoursPerPeriod	Integer
87	90			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
91	94	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

April 2003

NEI Input Format - Area and Non Road Mobile Sources

Version 3.0

Record: Control Equipment

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblAreaCE	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	CE	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	17	M	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	26	M	M	***POLLUTANT CODE***	CHARACTER	9	Pollutant Code	Code table - POLLUTANTS	***strPollutantCode***	Text
27	31	N	N	PRIMARY PCT CONTROL EFFICIENCY	DECIMAL	5	The percent effectiveness of primary control device.		sngPrimaryPCTControlEfficiency	Single
32	36	N	N	PCT CAPTURE EFFICIENCY	DECIMAL	5	Numeric value for percentage capture efficiency of control system.		sngPCTCaptureEfficiency	Single
37	41	N	N	TOTAL CAPTURE CONTROL EFFICIENCY	DECIMAL	5	Collective (aggregate) value for all controls.		sngTotalCaptureControlEfficiency	Single
42	45	M	M	PRIMARY DEVICE TYPE	CHARACTER	4	The primary type of control equipment used.	Code table - CONTROL_DEVICE_TYPES	strPrimaryDeviceType	Text
46	49			SECONDARY DEVICE TYPE	CHARACTER	4	Secondary control device type.	Code table - CONTROL_DEVICE_TYPES	strSecondaryDeviceType	Text
50	89			CONTROL SYSTEM DESCRIPTION	CHARACTER	40	Description of control equipment chain.		strControlSystemDescription	Text
90	93			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
94	97	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

April 2003

NEI Input Format - Area and Non Road Mobile Sources

Version 3.0

Record: Emission

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblAreaEM	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EM	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	Text
8	17	M	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	26	M	M	***POLLUTANT CODE***	CHARACTER	9	Pollutant Code	Code table - POLLUTANTS	***strPollutantCode***	Text
27	37					11			strBlankField	Text
38	45	M	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngStartDate***	Lng Integer
46	53	M	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngEndDate***	Lng Integer
54	55					2			strBlankField2	Text
56	59			START TIME	NUMBER	4	Start time of the activity.	Format: HHMM	intStartTime	Integer
60	63			END TIME	NUMBER	4	End time of the activity.	Format: HHMM	intEndTime	Integer
64	73	M	M	EMISSION NUMERIC VALUE	DECIMAL	10	Numeric value of emission.	Unit for criteria emissions: annual = TON; average season day = LBS.	dblEmissionNumericValue	Double
74	83	M	M	EMISSION UNIT NUMERATOR	CHARACTER	10	Unit of measure for reported emissions value. If criteria emissions, report unit: annual = TON; average season day = LBS.	Code table - UNITS.	strEmissionUnitNumerator	Text
84	85	M	M	***EMISSION TYPE***	CHARACTER	2	Code describing temporal designation of emissions reported, i.e., Entire Period, Average Weekday, etc.	Code table - EMISSION_TYPES. See User's Guide instruction on how to designate time period & emission type for annual or average season day emissions.	***strEmissionType***	Text
86	90			EM RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for SCC level emissions.	Report value with 2 decimal places.	sngEMReliabilityIndicator	Single
91	100	N		FACTOR NUMERIC VALUE	DECIMAL	10	The numeric value of the emission factor.		sngFactorNumericValue	Single
101	110	N		FACTOR UNIT NUMERATOR	CHARACTER	10	Unit of measure for emission factor numerator.	Code table - UNITS	strFactorUnitNumerator	Text
111	120	N		FACTOR UNIT DENOMINATOR	CHARACTER	10	Unit of measure for emission factor denominator.	Code table - UNITS	strFactorUnitDenominator	Text
121	124	N		MATERIAL	NUMBER	4	Material code for material processed	Code table - MATERIALS_PROCESSED	intMaterial	Integer
125	134	N		MATERIAL I/O	CHARACTER	10	A descriptor indicating whether material is used or produced	Code table - MATERIAL IO	strMaterialIO	Text
135	139					5			strBlankField3	Text
140	141			EMISSION CALCULATION METHOD CODE	CHARACTER	2	Code description of method used to derive emissions.	Code table - EMISSION_CALC_METHODS	strEmissionCalculationMethodCode	Text
142	146			EF RELIABILITY INDICATOR	CHARACTER	5	A reliability indicator code for emission factor rating.	Code table -RELIABILITY_INDICATORS	strEFReliabilityIndicator	Text
147	151	N		RULE EFFECTIVENESS	DECIMAL	5	Measure of the percent effectiveness of the control strategy.		sngRuleEffectivenss	Single
152	153			RULE EFFECTIVENESS METHOD	CHARACTER	2	The code identifying the rule effectiveness method.	Code table - RULE_EFFECT_METHODS	strRuleEffectivenessMethod	Text
154	158			RULE PENETRATION	DECIMAL	5	Percent of source category emissions affected by the applied rule.		sngRulePenetration	Single
159	162			SUBMITTAL FLAG	CHARACTER	4	corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
163	166	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.		strTribalCode	Text

April 2003

NEI Input Format - OnRoad Mobile Sources

Version 3.0

Record: Transmittal

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblPointTR	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	TR	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	87	M	M	ORGANIZATION NAME	CHARACTER	80	The name of the organization that is affiliated with a facility or project. (i.e., this data submittal)	Name of organization submitting the dataset.	strOrganizationName	Text
88	89	M	M	TRANSACTION TYPE	CHARACTER	2	Original or Correction (replacement) data set.	Code table - TRANSACTION_TYPES	strTransactionType	Text
90	93	M	M	INVENTORY YEAR	NUMBER	4	Year of inventory data in dataset.	A four digit year, ie. 1998	intInventoryYear	Integer
94	103	M	M	INVENTORY TYPE CODE	CHARACTER	10	Indicates that the data set contains criteria data, toxics data, or both.	Code table - INVENTORY_TYPES	strInventoryTypeCode	Text
104	111	M	M	TRANSACTION CREATION DATE	NUMBER	8	Creation date of transmittal data.	Format: YYYYMMDD	lngTransactionCreationDate	Lng Integer
112	115	M	M	INCREMENTAL SUBMISSION NUMBER	NUMBER	4	A unique report number that differentiates this submission from others.	The initial number is 1 and it is incremented by 1 for every submission per transaction type.	intIncrementalSubmissionNumber	Integer
116	120			RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for overall inventory.	Percent value with 2 decimal places	sngReliabilityIndicator	Single
121	200			TRANSACTION COMMENTS	CHARACTER	80	General comments regarding transmittal.		strTransactionComments	Text
201	270	M	M	CONTACT PERSON NAME	CHARACTER	70	The complete name of the contact person, including first name, middle name or initial, and surname. Lead contact for organization transmitting dataset.	EPA's single point of contact for questions that may arise concerning how the data in the file was developed. See also Affiliation Type.	strContactPersonName	Text
271	285	M	M	CONTACT PHONE NUMBER	CHARACTER	15	The phone number for the contact name.		strContactPhoneNumber	Text
286	295	M	M	TELEPHONE NUMBER TYPE NAME	CHARACTER	10	The name that describes telephone number type, e.g., the CONTACT PHONE NUMBER. Valid values include: Office, Fax, Mobile, Pager, Home.	Report a voice communication number available during normal work hours, i.e., Office.	strTelephoneNumberTypeName	Text
296	395	M	M	ELECTRONIC ADDRESS TEXT	CHARACTER	100	A resource address usually consisting of the access protocol, the domain name, and optionally, the path to a file or location.	Report Email.	strElectronicAddressText	Text
396	405	M	M	ELECTRONIC ADDRESS TYPE NAME	CHARACTER	10	The name that describes the type of electronic address reported. Valid values include: Email, Internet, Intranet, HTTP, FTP, Telnet, and WAIS.	Report Email.	strElectronicAddressTypeName	Text
406	430	M	M	SOURCE TYPE	CHARACTER	25	Source type = Onroad Mobile.	Code table - SOURCE_TYPES	strSourceType	Text
431	470	M	M	AFFILIATION TYPE	CHARACTER	40	The name that describes the capacity or function that an organization or individual serves for a facility or project. Report value = Report Certifier.	Code table - AFFILIATION_TYPE. Report Certifier for NEI is EPA's point of contact to either answer questions or identify whom to forward EPA program questions concerning the data content in the file.	strAffiliationTypeCode	Text
471	474	M	M	FORMAT VERSION	DECIMAL	4	Indicates the NEI Input Format version number of the dataset.		sngFormatVersion	Single
475	478	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

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NEI Input Format - OnRoad Mobile Sources

Version 3.0

Record: Emission Period

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblMobilePE	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	PE	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table -STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	17	M	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	25	M	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction or how to designate time period for annual or average season day emissions.	***lngStartDate***	Lng Integer
26	33	M	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction or how to designate time period for annual or average season day emissions.	***lngEndDate***	Lng Integer
34	35					2			strBlankField	Text
36	39			START TIME	NUMBER	4	Start time of the activity.	Format: HHMM	intStartTime	Integer
40	43			END TIME	NUMBER	4	End time of the activity.	Format: HHMM	intEndTime	Integer
44	53	N		ACTUAL THROUGHPUT	DECIMAL	10	Numeric value of process activity (VMT).	Report actual throughput for the emission period designated, e.g., Start Date, End Date.	sngActualThroughput	Single
54	63	N		THROUGHPUT UNIT NUMERATOR	CHARACTER	10	Throughput unit of measure.	Code table - UNITS.	strThroughputUnitNumerator	Text
64	67			SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
68	71	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation.Code table - TRIBAL_CODES	strTribalCode	Text

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NEI Input Format - OnRoad Mobile Sources

Version 3.0

Record: Emission

Position								If Using MSAccess	
								Table: tblMobileEM	
Begin	**End**	**Mandatory / Necessary**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EM	strRecordType	Text
3	7	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	Text
8	17	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	27				10			strBlankField	Text
28	35	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngStartDate***	LngInteger
36	43	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngEndDate***	LngInteger
44	45				2			strBlankField2	Text
46	49		START TIME	NUMBER	4	Start time of the activity.	Format: HHMM	intStartTime	Integer
50	53		END TIME	NUMBER	4	End time of the activity.	Format: HHMM	intEndTime	Integer
54	62	M	***POLLUTANT CODE***	CHARACTER	9	Pollutant Code	Code table - POLLUTANTS	***strPollutantCode***	Text
63	143		EMISSION PROCESS DESCRIPTION	CHARACTER	81	A text description of the emission process.		strEmission ProcessDescription	Text
144	153	M	EMISSION NUMERIC VALUE	DECIMAL	10	Numeric value of emission.	Unit for criteria emissions: annual = TON; average season day = LBS.	dblEmissionNumericValue	Double
154	163	M	EMISSION UNIT NUMERATOR	CHARACTER	10	Unit of measure for reported emissions value. If criteria emissions, report unit: annual = TON; average season day = LBS.	Code table - UNITS.	strEmissionUnitNumerator	Text
164	165	M	***EMISSION TYPE***	CHARACTER	2	Emission type code, i.e., Entire Period, Average Weekday, etc.	Code table - EMISSION_TYPES. See User's Guide instruction on how to designate time period & emission type for annual or average season day emissions.	***strEmissionType***	Text
166	170		EM RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for SCC level emissions.	Report value with 2 decimal places	sngEMReliabilityIndicator	Single
171	174		SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
175	178	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

April 2003

NEI Input Format - Biogenic Sources

Version 3.0

Record: Transmittal

Position		Mandatory / Necessary							If Using MSAccess	
									Table: tblBiogenicTR	
Begin	**End**	**Criteria**	**Toxics**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**Use Convention Notes See User's Guide for more information**	**Field Name**	**Field Type**
1	2	M	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	TR	strRecordType	Text
3	7	M	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	***Text***
8	87	M	M	ORGANIZATION NAME	CHARACTER	80	The name of the organization that is affiliated with a facility or project. (i.e., this data submittal)	Name of organization submitting the dataset.	strOrganizationName	Text
88	89	M	M	TRANSACTION TYPE	CHARACTER	2	Original or Correction (replacement) data set.	Code table - TRANSACTION_TYPES	strTransactionType	Text
90	93	M	M	INVENTORY YEAR	NUMBER	4	Year of inventory data in dataset.	A four digit year, ie. 1998	intInventoryYear	Integer
94	103	M	M	INVENTORY TYPE CODE	CHARACTER	10	Indicates that the data set contains criteria data, toxics data, or both.	Code table - INVENTORY_TYPES	strInventoryTypeCode	Text
104	111	M	M	TRANSACTION CREATION DATE	NUMBER	8	Creation date of transmittal data.	Format: YYYYMMDD	lngTransactionCreationDate	Lng Integer
112	115	M	M	INCREMENTAL SUBMISSION NUMBER	NUMBER	4	A unique report number that differentiates this submission from others.	The initial number is 1 and it is incremented by 1 for every submission per transaction type.	intIncrementalSubmissionNumber	Integer
116	120			RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for overall inventory.	Percent value with 2 decimal places	sngReliabilityIndicator	Single
121	200			TRANSACTION COMMENTS	CHARACTER	80	General comments regarding transmittal.		strTransactionComments	Text
201	270	M	M	CONTACT PERSON NAME	CHARACTER	70	The complete name of the contact person, including first name, middle name or initial, and surname. Lead contact for organization transmitting dataset.	EPA's single point of contact for questions that may arise concerning how the data in the file was developed. See also Affiliation Type.	strContactPersonName	Text
271	285	M	M	CONTACT PHONE NUMBER	CHARACTER	15	The phone number for the contact name.		strContactPhoneNumber	Text
286	295	M	M	TELEPHONE NUMBER TYPE NAME	CHARACTER	10	The name that describes telephone number type, e.g., the CONTACT PHONE NUMBER. Valid values include: Office, Fax, Mobile, Pager, Home.	Report a voice communication number available during normal work hours, i.e., Office.	strTelephoneNumberTypeName	Text
296	395	M	M	ELECTRONIC ADDRESS TEXT	CHARACTER	100	A resource address usually consisting of the access protocol, the domain name, and optionally, the path to a file or location.	Report Email.	strElectronicAddressText	Text
396	405	M	M	ELECTRONIC ADDRESS TYPE NAME	CHARACTER	10	The name that describes the type of electronic address reported. Valid values include: Email, Internet, Intranet, HTTP, FTP, Telnet, and WAIS.	Report Email.	strElectronicAddressTypeName	Text
406	430	M	M	SOURCE TYPE	CHARACTER	25	Source type = Biogenic.	Code table - SOURCE_TYPES	strSourceType	Text
431	470	M	M	AFFILIATION TYPE	CHARACTER	40	The name that describes the capacity or function that an organization or individual serves for a facility or project. Report value = Report Certifier.	Code table - AFFILIATION_TYPE. Report Certifier for NEI is EPA's point of contact to either answer questions or identify whom to forward EPA program questions concerning the data content in the file.	strAffiliationTypeCode	Text
471	474	M	M	FORMAT VERSION	DECIMAL	4	Indicates the NEI Input Format version number of the dataset.		sngFormatVersion	Single
475	478	M	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text

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NEI Input Format - Biogenic Sources

Version 3.0

Table: Emission

Position								If Using MSAccess	
								Table: tblBiogenicEM	
Begin	**End**	**Mandatory / Necessary**	**Data Element**	**Data Type**	**Length**	**Data Definitions**	**User Convention Notes**	**Field Name**	**Field Type**
1	2	M	RECORD TYPE	CHARACTER	2	A code that identifies the type of Record	EM	strRecordType	Text
3	7	M	***STATE AND COUNTY FIPS CODE***	CHARACTER	5	The FIPS code for the state and county.	Code table - STATE_AND_COUNTY_FIPS_CODE	***strStateCountyFIPs***	Text
8	17	M	***SCC***	CHARACTER	10	EPA Source Category Code for Area and Mobile Sources.	Obtain current list of valid SCCs on http://www.epa.gov/ttn/chief/codes/index.html	***strSCC***	Text
18	26	M	***POLLUTANT CODE***	CHARACTER	9	Pollutant Code	Code table - POLLUTANTS	***strPollutantCode***	Text
27	34	M	***START DATE***	NUMBER	8	Start date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngStartDate***	Lng Integer
35	42	M	***END DATE***	NUMBER	8	End date of the period in which reported emissions occur.	Format: YYYYMMDD. See User's Guide instruction on how to designate time period for annual or average season day emissions.	***lngEndDate***	Lng Integer
43	122		EMISSION PROCESS DESCRIPTION	CHARACTER	80	A text description of the Emission Process.		strEmissionProcessDescription	Text
123	132	M	EMISSION NUMERIC VALUE	DECIMAL	10	Numeric value of emission.	Unit for criteria emissions: annual = TON; average season day = LBS.	dblEmissionNumericValue	Double
133	142	M	EMISSION UNIT NUMERATOR	CHARACTER	10	Unit of measure for reported emissions value. If criteria emissions, report unit: annual = TON; average season day = LBS.	Code table - UNITS.	strEmissionUnitNumerator	Text
143	144	M	***EMISSION TYPE***	CHARACTER	2	Emission type code, i.e., Entire Period, Average Weekday, etc.	Code table - EMISSION_TYPES. See User's Guide instruction on how to designate time period & emission type for annual or average season day emissions.	***strEmissionType***	Text
145	149		EM RELIABILITY INDICATOR	DECIMAL	5	DARS Numeric (composite) score for SCC level emissions.	Report value with 2 decimal places.	sngEMReliabilityIndicator	Single
150	153		SUBMITTAL FLAG	CHARACTER	4	Submittal status of record when providing data corrections to NEI. Add; Delete; Revise/ Del;or Revise/ Add	See User's guide instruction. Enter applicable code - A; D; RD; or RA.	strSubmittalFlag	Text
154	157	M	***TRIBAL CODE***	CHARACTER	4	Codes that represent Americal Indian tribes and Alaskan Native entities.	Conditional key field and Code table implementation. Code table - TRIBAL_CODES	strTribalCode	Text