

**Nonpont (NP) and Nonroad (NR)****Transmittal (TR)**

Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.

<b>Name</b>	<b>Type and length</b>	<b>NOF different from NIF3.0</b>
RECORD_TYPE	VARCHAR2(2)	
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)	
ORGANIZATION_NAME	VARCHAR2(80)	
TRANSACTION_TYPE	VARCHAR2(2)	
INVENTORY_YEAR	NUMBER(4)	
INVENTORY_TYPE_CODE	VARCHAR2(10)	
TRANSACTION_CREATION_DATE	VARCHAR2(8)	*
INCREMENTAL_SUBMISSION_NUMBER	NUMBER(4)	
RELIABILITY_INDICATOR	VARCHAR2(5)	*
TRANSACTION_COMMENTS	VARCHAR2(80)	
CONTACT_PERSON_NAME	VARCHAR2(70)	
CONTACT_PHONE_NUMBER	VARCHAR2(15)	
TELEPHONE_NUMBER_TYPE_NAME	VARCHAR2(10)	
ELECTRONIC_ADDRESS_TEXT	VARCHAR2(100)	
ELECTRONIC_ADDRESS_TYPE_NAME	VARCHAR2(10)	
SOURCE_TYPE	VARCHAR2(25)	
AFFILIATION_TYPE	VARCHAR2(40)	
FORMAT_VERSION	NUMBER(4,1)	
TRIBAL_CODE	VARCHAR2(3)	
REVISION_DATE	VARCHAR2(8)	

\* are numbers in NIF3.0 but character in NOF

NONPOINT: need annual and non-annual file. Just like for point sources

NONROAD: not sure how to handle monthly emissions from NMIM. Probably want a separate file.

**don't need any variables from TR that aren't in other tables.**

**Nonpont (NP) and Nonroad (NR)****Emission Process (EP)**

Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.

<b>Name</b>	<b>Type and length</b>	<b>REQUESTED BY MODELERS?</b>
RECORD_TYPE	VARCHAR2(2)	NO
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)	YES
SCC	VARCHAR2(10)	YES
PROCESS_MACT_CODE	VARCHAR2(6)	YES
EMISSION_PROCESS_DESCRIPTION	VARCHAR2(78)	NO
SIC_CODE	VARCHAR2(4)	YES; ASSUME AVAILABLE FOR ONLY SOME NONPOINT SOURCES AND BUT NO NONROAD SOURCES
NAICS_CODE	VARCHAR2(6)	YES; ASSUME AVAILABLE FOR ONLY SOME NONPOINT SOURCES AND BUT NO NONROAD SOURCES
WINTER_THROUGHPUT_PCT	NUMBER(3)	YES
SPRING_THROUGHPUT_PCT	NUMBER(3)	YES
SUMMER_THROUGHPUT_PCT	NUMBER(3)	YES
FALL_THROUGHPUT_PCT	NUMBER(3)	YES
ANNUAL_AVG_DAYS_PER_WEEK	NUMBER(1)	YES
ANNUAL_AVG_WEEKS_PER_YEAR	NUMBER(2)	YES
ANNUAL_AVG_HOURS_PER_DAY	NUMBER(2)	YES
ANNUAL_AVG_HOURS_PER_YEAR	NUMBER(4)	YES
HEAT_CONTENT	NUMBER(8,2)	No but request that EFIG perform a separate study of availability of this data
SULFUR_CONTENT	NUMBER(5,2)	No but request that EFIG perform a separate study of availability of this data
ASH_CONTENT	NUMBER(5,2)	No but request that EFIG perform a separate study of availability of this data
PROCESS_MACT_COMPLIANCE_STATUS	VARCHAR2(6)	YES
SUBMITTAL_FLAG	VARCHAR2(4)	NO
TRIBAL_CODE	VARCHAR2(3)	YES
REVISION_DATE	VARCHAR2(8)	NO
MACT_FLAG	VARCHAR2(15)	YES

**Nonpont (NP) and Nonroad (NR) Emission Period (PE)**

Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.

Name	Type and length	ascii length	NOF different from NIF3.0	REQUESTED BY MODELERS?
RECORD_TYPE	VARCHAR2(2)			NO
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)			YES
SCC	VARCHAR2(10)			YES
START_DATE	VARCHAR2(8)		*	?YES - but explore the values for this
END_DATE	VARCHAR2(8)		*	?YES - but explore the values for this
START_TIME	NUMBER(4)			NO
END_TIME	NUMBER(4)			NO
ACTUAL_THROUGHPUT	NUMBER	10		NO
THROUGHPUT_UNIT_NUMERATOR	VARCHAR2(10)			NO
MATERIAL	NUMBER(4)			NO
MATERIAL_IO	VARCHAR2(10)			NO
PERIOD_DAYS_PER_WEEK	NUMBER(1)			YES
PERIOD_WEEKS_PER_PERIOD	NUMBER(2)			YES
PERIOD_HOURS_PER_DAY	NUMBER(2)			YES
PERIOD_HOURS_PER_PERIOD	NUMBER(4)			YES
SUBMITTAL_FLAG	VARCHAR2(4)			NO
TRIBAL_CODE	VARCHAR2(3)			NO
DATA_SOURCE	VARCHAR2(10)			YES
REVISION_DATE	VARCHAR(8)			NO

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<b>Nonpont (NP) and Nonroad (NR) Control Equipment (CE)</b>			
Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.			
<b>Name</b>	<b>Type and length</b>	<b>NOF different from NIF3.0</b>	<b>REQUESTED BY MODELERS?</b>
RECORD_TYPE	VARCHAR2(2)		NO
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)		YES
SCC	VARCHAR2(10)		YES
POLLUTANT_CODE	VARCHAR2(9)		YES
PRIMARY_PCT_CONTROL_EFFICIENCY	NUMBER(5,2)		NO
PCT_CAPTURE_EFFICIENCY	NUMBER(5,2)		NO
TOTAL_CAPTURE_CNTRL_EFFICIENCY	NUMBER(5,2)	*	YES
PRIMARY_DEVICE_TYPE_CODE	VARCHAR2(4)		YES
SECONDARY_DEVICE_TYPE_CODE	VARCHAR2(4)		YES
CONTROL_SYSTEM_DESCRIPTION	VARCHAR2(40)		NO
SUBMITTAL_FLAG	VARCHAR2(4)		NO
TRIBAL_CODE	VARCHAR2(3)		YES
REVISION_DATE	VARCHAR2(8)		NO
* name shortened due to size limitations			

**Nonpoint (NP) and Nonroad (NR) Emission (EM)**

Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.

Name	Type and length	ascii length	NOF different from NIF3.0	Comments on variable selection for modeling flat file
RECORD_TYPE	VARCHAR2(2)			no, but put nonpoint in separate file from nonroad
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)			YES
SCC	VARCHAR2(10)			YES
POLLUTANT_CODE	VARCHAR2(9)			YES
START_DATE	VARCHAR2(8)		**	?YES - but explore the values for this
END_DATE	VARCHAR2(8)		**	?YES - but explore the values for this
START_TIME	NUMBER(4)			NO
END_TIME	NUMBER(4)			NO
EMISSION_NUMERIC_VALUE	NUMBER	10		YES- but may not need both annual file if there is only annual and monthly emissions contained in NEI
EMISSION_UNIT_NUMERATOR	VARCHAR2(10)			YES- but may not need both annual file if there is only annual and monthly emissions contained in NEI
EMISSION_TYPE	VARCHAR2(2)			? Check values?
EM_RELIABILITY_INDICATOR	VARCHAR2(5)		**	NO
FACTOR_NUMERIC_VALUE	NUMBER(10,2)			NO - request EFIG analyze for prevalence
FACTOR_UNIT_NUMERATOR	VARCHAR2(10)			NO - request EFIG analyze for prevalence
FACTOR_UNIT_DENOMINATOR	VARCHAR2(10)			NO - request EFIG analyze for prevalence
MATERIAL	NUMBER(4)			NO
MATERIAL_IO	VARCHAR2(10)			NO
EMISSION_CALC_METHOD_CODE	VARCHAR2(2)		*	NO
EF_RELIABILITY_INDICATOR	VARCHAR2(5)			NO
RULE_EFFECTIVENESS	NUMBER(5,2)			YES
RULE_EFFECTIVENESS_METHOD	VARCHAR2(2)			NO
RULE_PENETRATION	NUMBER(5,2)			YES
SUBMITTAL_FLAG	VARCHAR2(4)			NO
TRIBAL_CODE	VARCHAR2(3)			YES
DATA_SOURCE	VARCHAR2(10)			YES
EMISSION_TON_VALUE	NUMBER	20		YES ; yes - scientific for all or scientific for less than 1 ton (either way is ok). I don't think this variable makes sense for the nonannual file.
EMISSION_TYPE_PERIOD	VARCHAR2(10)			YES
REVISION_DATE	VARCHAR2(8)			NO
CAP_HAP	VARCHAR2(3)			YES
YEAR	VARCHAR2(4)			YES

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