

Table of Contents – CEIDARS2.5 Data Dictionary

	Page No.
SECTION ONE: CORE DATA TABLES:	
FACILITY - Facility Information	1-1
STACK - Stack Information	1-4
DEVICE - Device Information	1-6
PROCESS - Process Information	1-7
EMISSION - Emissions Information	1-9
EXCESS - Excess Emissions Information	1-11
S_UP - Supplemental Information	1-11
BLDG – Building Information	1-12
BLDGPNTS – Building Point Information	1-12
PROP – Property Information	1-13
PROPPNTS – Property Point Data	1-13
RECEP – Receptor Information	1-13
 SECTION TWO: TRANSACTION TABLES:	
FACTRANS - Facility Transaction	2-1
FAC_RISK_TRANS – Facility Risk Transaction	2-2
STKTRANS - Stack Transaction	2-3
DEVTRANS - Devices Transactions	2-4
PROTRANS - Process Transactions	2-5
EMSTRANS - Emission Transactions	2-6
EXCTRANS - Excess Emission Transactions	2-6
SUPTRANS – Supplemental Uses And Production Transactions	2-7
BLDGTRANS – Building Transaction	2-7
BLDGPTRANS – Building Point Transaction	2-8
PROPTRANS – Property Transaction	2-8
PROPPTRANS – Property Point Data Transaction	2-9
RECEPTRANS – Receptor Transaction	2-9
 SECTION THREE: INTERNAL UTILITY TABLES:	
BPRLOG – Batch Processing Log	3-1
CATEGORY – Category Information	3-1
CNTLDEV – Pollution Control Device Codes and Names	3-1
CNTLEFF – Pollution Control Efficiency Ranges	3-2
COABDIS – County, Air Basin, and District Information	3-2
FRACTION - Organic and Particulate Matter Fractions Information	3-2
MV_SEASON_EMS – Motor Vehicle Seasonal Emissions	3-3
ORGPROFILE - Organic Gas Profile Data and Names	3-4
OXFRAC - Oxide Fractions	3-4
PMCHEMPROFILE - PM Chemical Weight Fractions by Size	3-4

	Page No.
PMSIZEPROFILE – Particulate Matter Profile Codes and Names	3-5
POLLUTANT – Pollutant Information	3-5
REACT - Substance Reactivity Descriptions	3-6
REACTCLASS - Chemical Reactive Class And Rate Constant	3-6
STAFF - ARB And District Staff	3-7
SUBCO - Sub-county Identification	3-7
UTMNORTH - UTM North Coordinates	3-7
UTMEAST - UTM East Coordinates	3-8
UPD_WARN_LOG – Update Warning Log	3-8

SECTION FOUR: DEFINE (CODE-LOOKUP) TABLES:

DEF25CAT – Top 25 Sources Categories	4-1
DEFAREAC – Telephone Area Codes	4-1
DEFCONTLEFFGRP - Control Efficiency Group	4-1
DEFDPWK – Weekly Operating Cycle Codes and Names	4-1
DEFEICMAT – Material Description Codes and Names	4-1
DEFEICSOU – Source Category Codes and Names	4-1
DEFEICSUB – Emission Sub Category Codes and Names	4-2
DEFEICSUM – Summary Category Codes and Names	4-2
DEFEIC1 – First Digit of The EIC and Names	4-2
DEFEMORIG – Emission Factor Origin Codes and Names	4-2
DEFEXTYPE – Excess Emission Type Codes and Names	4-2
DEFGROUP – Selected Group Codes and Names	4-3
DEFHPDY – Daily Operating Cycle Codes and Names	4-3
DEFISDEFAULT – Codes for whether Stack/Release data are default data	4-3
DEFLOCATION – Method of Collecting the Coordinate Data	4-3
DEFMETH - Emissions Estimation Method Codes and Names	4-3
DEFORGCAT - Organic Category Codes	4-4
DEFPRORIG - Process Rate Origin Codes and Names	4-4
DEFPRUN - Process Rate Unit Codes and Names	4-4
DEFREACT - Substance Reactivity Codes	4-4
DEFREASCH - Reason For Emission Change Codes and Names	4-5
DEFSCC3EIC - Mapping of SCC3 to EIC For Reporting Purposes	4-5
DEFWARNCODES - Warning Codes and Names	4-5
EIC - Emission Inventory Codes	4-5
EQSIZEUNIT - Equipment Size Units	4-6
EQTYPE - Equipment Type	4-6
NAICS - North American Industrial Code System	4-6
SCC - Sources Classification Codes	4-7
SIC - Standard Industrial Classification	4-8

SECTION ONE

CORE DATA TABLES

Table FACILITY - Facility Information
(Primary Key: CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number
2	FACID	NUMBER	9		NOT NULL	Facility ID Range: 1 - 999999999
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	Responsible District
5	FRS_ID	CHAR	12		NULL	EPA Facility Registry System Identification [ARB use]
6	GEOID	CHAR	25		NULL	Special Project ID Format YYYY_CO_AB_DIS_FACID [ARB use]
7	FNAME	CHAR	60		NULL	Name of Facility at Location
8	FSTREET	CHAR	60		NULL	Street Where Facility Is Located
9	FCITY	CHAR	20		NULL	City Where Facility Is Located
10	FZIP	CHAR	5		NULL	Facility ZIP Code Range: 90000 - 99999
11	FZIPEXT	CHAR	4		NULL	Facility ZIP Code Extension Range: 0 - 9999 Domain: Table COABDIS
12	PCONTACT	CHAR	24		NULL	Phone Contact Person
13	AREAC	NUMBER	3		NULL	Telephone Area Code
14	PHONE	NUMBER	7		NULL	Telephone Number
15	FSIC	NUMBER	4		NOT NULL	Facility SIC Domain: Table SIC
16	FNAICS	CHAR	6		NULL	Facility North American Industry Classification System Code Domain: Table NAICS
17	NEMP	NUMBER	5		NULL	Number of Employees
18	COORD_SYS	CHAR	3		NULL	Coordinate System Used Domain: DD - Decimal Degrees TA - Teale Albers, meters U10- UTM10, kilometers U11- UTM11, kilometers
19	DATUM	CHAR	5		NULL	Type of Datum Used Domain: NAD27 – North American Datum 1927 NAD83 – North American Datum 1983 WGS84 – World Geodetic System 1984
20	SPHEROID	CHAR	10		NULL	Shape Used for Ellipsoidal Earth Domain: Clarke1866 – Clarke 1866 GRS80 – Geodetic Reference System 1980 WGS84 - World Geodetic System 1984 WGS72 - World Geodetic System 1972
21	X_USERCOORD	NUMBER	12	6	NULL	X (East) Coordinate in COORD_SYS Units
22	Y_USERCOORD	NUMBER	14	6	NULL	Y (North) Coordinate in COORD_SYS Units
23	LOC_METH	CHAR	3		NULL	Method of Collecting Data Domain: Table DEFLOCATION
24	UZ	NUMBER	2		NULL	UTM Zone [ARB use]
25	UE_NAD83	NUMBER	8	2	NULL	NAD83 UTM East in meters [ARB use] Domain: UTMEAST
26	UN_NAD83	NUMBER	9	2	NULL	NAD83 UTM North in meters [ARB use] Domain: UTMNORTH

Table FACILITY - Facility Information (Continued)
(Primary Key: CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
27	LAT_NAD83	NUMBER	9	6	NULL	NAD83 Latitude in decimal degrees [ARB use]
28	LON_NAD83	NUMBER	10	6	NULL	NAD83 Longitude in decimal degrees [ARB use]
29	ARB_LOC_METH	CHAR	3		NULL	Code to indicate the ARB method to determine LAT_NAD83 and LON_NAD83 [ARB use] Domain: Table DEFLOCATION
30	X_TA83	NUMBER	8	2	NULL	X Coordinate in Teale Albers NAD83, meters [ARB use]
31	Y_TA83	NUMBER	9	2	NULL	Y Coordinate in Teale Albers NAD83, meters [ARB use]
32	MNAME	CHAR	60		NULL	Company Name for Mailing Purpose
33	MSTREET	CHAR	60		NULL	Company Mailing Street
34	MCITY	CHAR	20		NULL	Company Mailing City
35	MSTATE	CHAR	2		NULL	Company Mailing State
36	MZIP	CHAR	5		NULL	Mail Zip Code Range: 1 - 99999
37	MZIPEXT	CHAR	4		NULL	Mail Zip Code Extension Range: 0 - 9999
38	MCONTACT	CHAR	24		NULL	Mail Contact Person
39	AQCR	NUMBER	2		NULL	EPA Air Quality Control Region
40	FACSUBCO	CHAR	4		NULL	Facility Sub-county Identifier Domain: Table SUBCO
41	CODESIG	CHAR	1		NULL	Area Designation for CO Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified
42	N02DESIG	CHAR	1		NULL	Area Designation for N0 ₂ Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified
43	OZDESIG	CHAR	1		NULL	Area Designation for Ozone Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified
44	PMDESIG	CHAR	1		NULL	Area Designation for Particulate Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified
45	S02DESIG	CHAR	1		NULL	Area Designation for S0 ₂ Domain: A - Attainment N - Non-attainment T - Non-attainment - Transitional U - Unclassified

Table FACILITY - Facility Information (Continued)
(Primary Key: CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
46	FAC_PHASE	CHAR	2		NULL	Phase Facility Brought into Program P1 - 1st Phase, >=25 TPY or Tox. Inv. Fac. P2 - 2nd Phase, >=10 TPY & <25 Tpy Fac. P3 - 3rd Phase, <10 TPY
47	FEE_CAT	CHAR	1		NULL	Toxic Program Status A Prioritization score > 10.0 B HRA >= 10 and less than 50 C HRA >= 50 and less than 100 D HRA >= 100 E Unprioritized (new facility) F HRA >= 1 and less than 10 G Exempt H Exempt, HRA < 1 M Out, de minimus O Out of business P Exempt, prioritization score < 1.0 U District update facility - Prioritization Score greater than 1 and <= 10
48	FAC_FORECAST	CHAR	1		NULL	Fac. Used for Forecasting Purposes Domain: N - NSR Facility
49	PRIORITY	CHAR	1		NULL	Priority for Hot Spots Risk levels Domain: H - High I - Intermediate L - Low
50	INDUSTRYWIDE	CHAR	1		NULL	Included in Industry Wide Domain: Y - Yes; N - No
51	SMALL_COMM	CHAR	1		NULL	Is Facility a Small Commercial Facility (i.e., Aggregated Point Source)? Domain: Y/N (May be expanded in future to use codes for specific types.)
52	FAC_LOC_ONLY	CHAR	1		NULL	Is the Facility record for a "Location Only" facility? (Used for certain small facilities for which location is known but site-specific emissions are not available, for example for gasoline stations for CHAPIS mapping.) Domain: Y/N
53	CERR_CODE	CHAR	1		NULL	Consolidated Emission Reporting Rule Identification Domain: A/B
54	FAC_UPDATE	CHAR	6		NULL	Updating Code Domain: SIP: SIP facility ANN: Annual Update AB2588: AB2588 Update CHS: CHAPIS Update ALM: Almanac Update
55	MAINTAINED	CHAR	1		NULL	Is this Facility one that is being regularly maintained by the districts, for example, more frequently than the 4-year Hot Spots update cycle for toxics facilities? Domain: Y/N

Table FACILITY - Facility Information (Continued)
(Primary Key: CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
56	CHAPIS	CHAR	1		NULL	CHAPIS facility Domain: Y/N
57	TOX_CRIT_FLAG	CHAR	1		NULL	Toxic/Criteria Facility Flag [ARB use] Domain: T: Toxic Facility C: Criteria Facility B: Both
58	VINTAGE_EMS	NUMBER	4		NULL	Year of Emissions Data
59	SIC_FEEREG	NUMBER	4		NULL	SIC Code for facility in Fee Regulation
60	EXEMPT	CHAR	50		NULL	Exemption status and reason
61	SMALL_BUS	CHAR	1		NULL	Small business?
62	VINTAGE_RISK	NUMBER	4		NULL	Year of Risk Data
63	VINTAGE_PS	NUMBER	4		NULL	Year of Prioritization Score
64	NUM_SCC	NUMBER	3		NULL	Number of SCC used by facility
65	PROXIMITY	NUMBER	9	2	NULL	Receptor Proximity, meters
66	CANCEREPP	NUMBER	8	2	NULL	Cancer Priority Score, Emissions and Potency Procedure
67	NONCANCEREPP	NUMBER	7	2	NULL	Noncancer Priority Score, Emissions and Potency Procedure
68	ACUTEPP	NUMBER	7	2	NULL	Acute Priority Score, Emissions and Potency Procedure
69	CHRONICEPP	NUMBER	7	2	NULL	Chronic Priority Score, Emissions and Potency Procedure
70	CANCERDAP	NUMBER	8	2	NULL	Cancer Priority Score, Dispersion Adjustment Procedure
71	NONCANCERDAP	NUMBER	7	2	NULL	Noncancer Priority Score, Dispersion Adjustment Procedure
72	ACUTEDAP	NUMBER	7	2	NULL	Acute Priority Score, Dispersion Adjustment Procedure
73	CHRONICDAP	NUMBER	7	2	NULL	Chronic Priority Score, Dispersion Adjustment Procedure
74	TS	NUMBER	8	2	NULL	Total Priority Score
75	PRIORITY_MULT	NUMBER	6	2	NULL	Priority Multiplier
76	HRA_CAN	NUMBER	7	2	NULL	Health Risk Assessment Cancer Risk
77	CHRONIC_HI	NUMBER	7	2	NULL	Chronic Hazard Index
78	ACUTE_HI	NUMBER	7	2	NULL	Acute Hazard Index
79	FACD1	CHAR	9		NULL	Reserved for District Use
80	FACD2	CHAR	9		NULL	Reserved for District Use
81	FACU	DATE	8		NULL	Date of Last Update
82	FACU_D	DATE	8		NULL	Date District Last Updated
83	MEMO_FAC	CHAR	80		NULL	Comments on Facility [District option]

Table STACK - Stack Information
(Primary Key: CO + FACID + AB + DIS + STK)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO + FACID + AB + DIS)

Table STACK - Stack Information (Continued)
(Primary Key: CO + FACID + AB + DIS + STK)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: TABLE COABDIS
5	STK	NUMBER	6		NOT NULL	Stack ID Range: 1 – 999999
6	STKNAME	CHAR	60		NULL	Stack Name (optional)
7	STKHT	NUMBER	8	4	NULL	Stack Height, Feet
8	STKDIAM	NUMBER	4	1	NULL	Stack Diameter at Exit, Feet
9	GT	NUMBER	5	1	NULL	Actual Gas Temp at Exit, Deg. F Range: 50-2500
10	GF	NUMBER	10	2	NULL	Actual Gas Flow, Ft ³ /Min
11	GV	NUMBER	8	2	NULL	Actual Gas Velocity at Exit, Ft/Min
12	GEOID	CHAR	25		NULL	Special Project ID [ARB use] Format YYYY_CO_AB_DIS_FACID
13	GEOID_STK	CHAR	32		NULL	Special Project ID for Stack [ARB use] Format YYYY_CO_AB_DIS_FACID_STK
14	COORD_SYS	CHAR	3		NULL	Coordinate System Used Domain: DD - Decimal Degrees TA - Teale Albers, meters U10- UTM10, kilometers U11- UTM11, kilometers
15	DATUM	CHAR	5		NULL	Type of Datum Used Domain: NAD27 – North American Datum 1927 NAD83 – North American Datum 1983 WGS84 – World Geodetic System 1984
16	SPHEROID	CHAR	10		NULL	Shape Used for Ellipsoidal Earth Domain: Clarke1866 – Clarke 1866 GRS80 – Geodetic Reference System 1980 WGS84 - World Geodetic System 1984 WGS72 - World Geodetic System 1972
17	SUZ	NUMBER	2		NULL	UTM zone for stack [ARB use]
18	X_USERCOORD	NUMBER	12	6	NULL	X (East) Coordinate in COORD_SYS Units
19	Y_USERCOORD	NUMBER	14	6	NULL	Y (North) Coordinate in COORD_SYS Units
20	LOC_METH	CHAR	3		NULL	Method of Collecting Data Domain: Table DEFLOCATION
21	SUTME_NAD83	NUMBER	8	2	NULL	NAD83 Stack UTM East Coordinate, meters Domain: Table UTM EAST [ARB use]
22	SUTMN_NAD83	NUMBER	9	2	NULL	NAD83 Stack UTM North Coordinate, meters Domain: Table UTM NORTH [ARB use]
23	SLAT_NAD83	NUMBER	9	6	NULL	Latitude in decimal degrees, [ARB use]
24	SLON_NAD83	NUMBER	10	6	NULL	Longitude in decimal degrees, [ARB use]
25	ARB_LOC_METH	CHAR	3		NULL	Code to indicate the ARB method to determine SLAT_NAD83 and SLON_NAD83 [ARB use] Domain: Table DEFLOCATION
26	XSTK_TA83	NUMBER	8	2	NULL	X (East) Coordinate in Teale Albers, meters [ARB use]
27	YSTK_TA83	NUMBER	9	2	NULL	Y (North) Coordinate in Teale Albers, meters [ARB use]
28	ELEV	NUMBER	7	2	NULL	Elevation in Feet

Table STACK - Stack Information (Continued)
(Primary Key: CO + FACID + AB + DIS + STK)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
29	SRCTYP	CHAR	7		NOT NULL	Type of Release, as specified in ISC. Domain: POINT VOLUME AREA OPENPIT
30	SYINIT	NUMBER	7	2	NULL	Initial Lateral Dimension of Volume Release, feet Release (Optional for Area), feet
31	SZINIT	NUMBER	7	2	NULL	Initial Vertical Dimension of Volume or Area
32	XINIT	NUMBER	7	2	NULL	Square Length or Rec. Side of Area Release, feet
33	YINIT	NUMBER	7	2	NULL	Rectangular Side of Area or Open Pit Release (Optional for Area), feet
34	ANGLE	NUMBER	5	2	NULL	Angle of Area or Open Pit Source, degree (Optional)
35	PITVOL	NUMBER	15	2	NULL	Volume of Open Pit Source, ft ³
36	ISDEFAULT	CHAR	2		NULL	Code to indicate Stack Data are default Domain: Table DEFISDEFAULT
37	STKU	DATE	8		NULL	Date of Last Update
38	STKU_D	DATE	8		NULL	Date District Last Updated
39	MEMO_STK	CHAR	80		NULL	Comments on Stack Information [District option]

Table DEVICE - Device Information
(Primary Key: CO + FACID + AB + DIS + DEV)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS)
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	DEV	NUMBER	6		NOT NULL	Device ID Range: 1 - 999999
6	DEVNM	CHAR	40		NULL	Local Name of this Device
7	PERID	CHAR	32		NULL	Local Permit ID
8	NUMDEV	NUMBER	5		NULL	Number of Devices Represented
9	EQSIZE_CF	CHAR	1		NULL	Equipment Size Confidential Flag Domain: Y - Yes N - No
C 10	EQSIZE	NUMBER	10	1	NULL	Equipment Size Range: 0 - 999999.9
11	EQUNITC	NUMBER	5		NULL	Equipment Size Units Code Domain: Table EQSIZEUNIT
12	EQTYPEC	NUMBER	5		NULL	Equipment Type Code Domain: Table EQTYPE
13	DEVSUBCO	CHAR	4		NULL	Sub-county ID Domain: Table SUBCO

Table DEVICE - Device Information (Cont.)
(Primary Key: CO + FACID + AB + DIS + DEV)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
14	SECT	NUMBER	2		NULL	Section Range: 1- 36
15	TWNSHP	NUMBER	2		NULL	Township Range: 1 - 50
16	TWNSHPB	CHAR	1		NULL	Township Base Domain: N - North S - South
17	RANGE	NUMBER	2		NULL	Range Range: 1- 50
18	RANGEB	CHAR	1		NULL	Range Base Domain: E - East W - West
19	DEV D1	CHAR	40		NULL	Reserved for District Use
20	DEV D2	CHAR	40		NULL	Reserved for District Use
21	DEV CAP	NUMBER	10	3	NULL	Device Output Capacity in MegaWatts
22	DEV U	DATE	8		NULL	Date and Time of Last Update
23	DEV U_D	DATE	8		NULL	Date District Last Updated
24	MEMO_DEV	CHAR	80		NULL	Comments on Device Information [District option]

NOTE: A "C" next to a column indicates confidential data

Table PROCESS - Process Information
(Primary Key: CO + FACID + AB +DIS + DEV + PROID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS)
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	DEV	NUMBER	6		NOT NULL	Device ID Domain: Table DEVICE (CO+FACID+ AB+DIS+DEV)
6	PROID	NUMBER	14		NOT NULL	Process ID Domain: If FACID > 0: 1 - 99 Else: Table EIC
C 7	PRDESC	CHAR	60		NULL	Process Description
8	SCC	NUMBER	14		NOT NULL	SCC OR EIC Domain: If Category Type is SP: Table SCC - Width = 8
9	SIC	NUMBER	14		NOT NULL	Process SIC or EIC Domain: Table SIC width = 4

Table PROCESS - Process Information (Continued)
(Primary Key: CO + FACID + AB + DIS + DEV + PROID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
10	NAICS	CHAR	6		NULL	North American Industry Classification System Code Domain: Table NAICS
C 11	PR	NUMBER			NULL	Process Rate in SCC Units
12	PRUNITS	NUMBER	4		NULL	Process Rate Unit Code
C 13	UPR	NUMBER	12	1	NULL	Unreconciled Area Source Process Rate in SCC Units Range: 0 - 9999999999.9
C 14	MAXHR_PR	NUMBER			NULL	Maximum Hourly Process Rate Note: Limit to 9 Chars. On Report Form
C 15	MAXD	NUMBER	9	3	NULL	Maximum Design Rate Range: 0 - 999999.999
C 16	HEAT	NUMBER	8	3	NULL	Heat Content of Fuel Used in Million BTU
C 17	ASH	NUMBER	4	2	NULL	Ash Content of the Fuel Used, weight percent
C 18	S	NUMBER	3	2	NULL	Percent Fuel Sulfur Content Range: 0 - 3.00
19	PRORIG	NUMBER	3		NULL	Process Rate Origin Code Domain: Table DEFPRORIG
20	PRREL	NUMBER	3		NULL	Process Rate Reliability
21	STK	NUMBER	6		NULL	Stack ID Domain: Table STACK (AB+ DIS+CO+FACID+STK)
22	HPDY	NUMBER	2		NULL	Operating Hours per Day Daily Operating Cycle Domain: Table DEFHPDY
23	DPWK	NUMBER	2		NULL	Operating Days per Week Weekly Operating Cycle Domain: Table DEFDPWK
24	WPYR	NUMBER	2		NULL	Operating Weeks per Year Range: 1 - 52
25	YREST	NUMBER	4		NULL	Year of Process/Emission Estimate Made Range: 1980 to Current Year
26	PROD1	CHAR	40		NULL	Reserved for District Use
27	PROD2	CHAR	40		NULL	Reserved for District Use
28	PR_FORECAST	CHAR	1		NULL	Process Specific Forecast Indicator Domain: N - NSR Process
29	CONF	CHAR	1		NULL	Confidential Process Data Domain: Y - Yes N - No
30	JANT	NUMBER	4	1	NULL	Percent Activity for January Range: 0- 100.0
31	FEBT	NUMBER	4	1	NULL	Percent Activity for February Range: 0- 100.0
32	MART	NUMBER	4	1	NULL	Percent Activity for March Range: 0- 100.0
33	APRT	NUMBER	4	1	NULL	Percent Activity for April Range: 0- 100.0
34	MAYT	NUMBER	4	1	NULL	Percent Activity for May Range: 0- 100.0

Table PROCESS - Process Information (Continued)
(Primary Key: CO + FACID + AB + DIS + DEV + PROID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
35	JUNT	NUMBER	4	1	NULL	Percent Activity for June Range: 0- 100.0
36	JULT	NUMBER	4	1	NULL	Percent Activity for July Range: 0- 100.0
37	AUGT	NUMBER	4	1	NULL	Percent Activity for August Range: 0- 100.0
38	SEPT	NUMBER	4	1	NULL	Percent Activity for Sept. Range: 0 - 100.0
39	OCTT	NUMBER	4	1	NULL	Percent Activity for October Range: 0 - 100.0
40	NOVT	NUMBER	4	1	NULL	Percent Activity for November Range: 0- 100.0
41	DECT	NUMBER	4	1	NULL	Percent Activity for Dec. Range: 0- 100.0
42	SPATIAL	CHAR	8		NULL	Spatial Distribution Parameter
43	SEST	CHAR	6		NULL	Agency Making Area Estimate
44	PRUP	DATE	8		NULL	Date of Last Process Rate Update
45	OUTPUT	NUMBER	10	2	NULL	Process Rate Output in MegaWatt-Hour
46	PRUPID	CHAR	10		NULL	Person or Agency Changing Process Rate
47	MEMO_PR	CHAR	80		NULL	Comments on Process Information [District option]
48	ISDEFAULT	CHAR	2		NULL	Code to indicate link to stack ID is default. Domain: Table DEFISDEFAULT

NOTE: A "C" next to a column indicates confidential data

Table EMISSION - Emissions Information
(Primary Key: CO + FACID + AB + DIS + DEV + PROID + POL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS)
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	DEV	NUMBER	6		NOT NULL	Device ID Domain: Table DEVICE (CO+FACID+AB+DIS+DEV)
6	PROID	NUMBER	14		NOT NULL	Process ID Domain: Table PROCESS (CO+FACID+AB+DIS+DEV+PROID)
7	POL	NUMBER	9		NOT NULL	Pollutant Code Domain: Table POLLUTANT
C 8	UEMFACT	NUMBER			NULL	Uncontrolled Emission Factor, (lbs/SCC unit) Limits to 10 Chars. On Report Form
9	CNTL1	NUMBER	3		NULL	Primary Pol. Control Device Code Domain: Table CNTLDEV

Table EMISSION - Emissions Information (Continued)
(Primary Key: CO + FACID + AB + DIS + DEV + PROID + POL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
10	CNTL2	NUMBER	3		NULL	Secondary Pol. Control Device Code Domain: Table CNTLDEV
11	CNTLEFF	NUMBER	4	1	NULL	Control Efficiency (Percent) Range: 0- 100.0
C 12	EMFACT	NUMBER			NULL	Emission Factor (Lbs/SCC Units)
C 13	EMORIG	NUMBER	3		NULL	Emission Factor Origin Code Domain: Table DEFEMORIG
14	EMREL	NUMBER	3		NULL	Emission Factor Reliability
15	CR_FLAG	NUMBER	1		NULL	Status of ROG/VOC/PM10/PM2.5 input [ARB use] Domain: 0 - Original Record 1 - Calculation from PM/TOG 2 - Calculation from PM10/ROG 3 - Calculation from PM2.5/VOC
16	FRAC_1	NUMBER	5	4	NULL	Specified ROG or PM10 or NOX Fraction [ARB use] Range: 0- 1.0000
17	FRAC_2	NUMBER	5	4	NULL	Specified VOC or PM2.5 Fraction [ARB use] Range: 0- 1.0000
18	FRAC_3	NUMBER	5	4	NULL	Specified PM1 Fraction [ARB use] Range: 0- 1.0000
19	EMS	NUMBER			NOT NULL	Annual Emissions Units: Tons per Year for Criteria Pol's Lbs per Year for Toxics Curies/yr for Radionuclides
20	HRMAXEMS	NUMBER			NULL	Hourly Maximum Emissions Units: Lbs/hr Millicuries/hr for Radionuclides
C 21	METH	NUMBER	2		NULL	Emission Calculation Method Code Domain: Table DEFMETH
22	REASCH	NUMBER	4		NULL	Vintage of Emissions
23	EXEMS	NUMBER			NULL	Total Excess Emissions Units: Tons per Year for Criteria Pol's Lbs per Year for Toxics Curies/yr for Radionuclides
24	UNREMS	NUMBER	9	1	NULL	Unreconciled Area Emissions (Tons/year) Range: 0-99999999.9
25	POTENTIAL	NUMBER			NULL	Potential Emissions for Districts' Use Units: Tons per Year for Criteria Pol's Lbs per Year for Toxics Curies/yr for Radionuclides
26	MAINTAINED	CHAR	1		NULL	Flag to Indicate Whether This Emission is Agreed to be Regularly Maintained by Districts Domain: Y/N
27	EMS_FORECAST	CHAR	1		NULL	Pollutant Specific Forecast Indicators Domain: R - Reclaim Pollutant
28	EMSU	DATE	8		NULL	Date of Last Update
29	EMFACUP	DATE	8		NULL	Date of Last EMFACT Update
30	EMFACUPID	CHAR	10		NULL	Person or Agency Changing Emfact
31	EMSUP	DATE	8		NULL	Date of Last EMS Update by District
32	EMSUPID	CHAR	10		NULL	Person or Agency Changing EMS
33	MEMO_EMS	CHAR	80		NULL	Comments on Emission Information [District option]

NOTE: A "C" next to a column indicates confidential data

Table EXCESS - Excess Emissions Data
(Primary Key: CO + FACID + AB + DIS + DEV + PROID + POL + EXTYPE + EXQTR + EXYR)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS)
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	DEV	NUMBER	6		NOT NULL	Device Id Domain: Table DEVICE (CO+FACID+AB+DIS+DEV)
6	PROID	NUMBER	14		NOT NULL	Process ID Domain: Table PROCESS
7	POL	NUMBER	9		NOT NULL	Pollutant ID Domain: Table POLLUTANT
8	EXTYPE	NUMBER	3		NOT NULL	Type of Excess Emissions Code Domain: Table DEFEXTYPE
9	EXQTR	NUMBER	1		NOT NULL	Quarter of Year of Excess Emissions Domain: 1 - 1st Quarter 2 - 2nd Quarter 3 - 3rd Quarter 4 - 4th Quarter
10	EXYR	NUMBER	4		NOT NULL	Calender Year of Excess Emissions
11	EXCESS	NUMBER			NULL	Excess Emissions Units: Tons/yr for Criteria Pollutants Lbs/yr for Toxics Curies/yr for Radionuclides

Table S_UP - Supplemental Use and Production Information
(Primary Key: CO + FACID + AB + DIS + POL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COUNTY
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO+FACID+ DIS+AB)
3	AB	CHAR	3		NOT NULL	Air Basin
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	POL	NUMBER	9		NOT NULL	Pollutant ID Domain: Table POLLUTANT
6	USED	CHAR	1		NULL	Is this Substance Used? Domain: Y - Yes; N - No
7	PRODUCED	CHAR	1		NULL	Is this Substance Produced? Domain: Y - Yes; N - No
8	PRESENT	CHAR	1		NULL	Is this Subst. Otherwise Present? Domain: Y - Yes; N - No
9	HOW_PRESENT	CHAR	39		NULL	How Subst. Is Otherwise Present
10	S_UPU	DATE	8		NULL	Date of Last Update

Table BLDG – Building Information
(Primary Key: CO + FACID + AB + DIS + ID + TIER)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	ID	NUMBER	5		NOT NULL	Building ID
6	TIER	NUMBER	5		NOT NULL	Tier ID
7	DESCRIPTION	CHAR	80		NULL	Building Description
8	HEIGHT	NUMBER	5	2	NULL	Building Height from Ground Level, Meters
9	ELEVATION	NUMBER	7	2	NULL	Elevation of Base of Building, Feet
10	NPTS	NUMBER	2		NULL	Number of Vertex Point
11	ISDEFAULT	CHAR	2		NULL	Code to indicate Building Data are Default Domain: Table: DEFISDEFAULT

Table BLDGPNTS – Building Point Information
(Primary Key: CO + FACID + AB + DIS + ID + TIER + POINTID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	FACID	NUMBER	9		NOT NULL	Facility ID Domain: Table FACILITY (CO+FACID+AB+DIS)
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	ID	NUMBER	5		NOT NULL	Building ID
6	TIER	NUMBER	5		NOT NULL	Tier ID
7	POINTID	NUMBER	5		NOT NULL	Vertex Point ID
8	PLOTORDER	NUMBER	5		NULL	Plot Order
9	UTME	NUMBER	9	2	NULL	UTM East Offset in Meters, Relative to Facility
10	UTMN	NUMBER	10	2	NULL	UTM North Offset in Meters, Relative to Facility

Table PROP – Property Information
(Primary Key: CO + FACID + AB + DIS + ID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number
2	FACID	NUMBER	9		NOT NULL	Facility ID
3	AB	CHAR	3		NOT NULL	Air Basin
4	DIS	CHAR	3		NOT NULL	District
5	ID	NUMBER	5		NOT NULL	Property ID
6	DESCRIPTION	CHAR	80		NULL	Property Description
7	NPTS	NUMBER	5		NULL	Number of Vertex Points
8	ISDEFAULT	CHAR	2		NULL	Code to indicate that the Property Information is Default Domain: DEFISDEFAULT

Table PROPPNTS – Property Point Data
(Primary Key: CO + FACID + AB + DIS + ID + POINTID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number
2	FACID	NUMBER	9		NOT NULL	Facility ID
3	AB	CHAR	3		NOT NULL	Air Basin
4	DIS	CHAR	3		NOT NULL	District
5	ID	NUMBER	5		NOT NULL	Property ID
6	POINTID	NUMBER	5		NOT NULL	Vertex Point ID
7	PLOTORDER	NUMBER	5		NULL	Plot Order
8	UTME	NUMBER	9	2	NULL	UTM East Offset in Meters, Relative to Facility
9	UTMN	NUMBER	10	2	NULL	UTM North Offset in Meters, Relative to Facility
10	ELEVATION	NUMBER	7	2	NULL	Elevation, feet

Table RECEP – Receptor Information
(Primary Key: RECID + CO + AB + DIS + RECGROUP)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number
2	AB	CHAR	3		NOT NULL	Air Basin
3	DIS	CHAR	3		NOT NULL	District
4	RECID	NUMBER	10		NOT NULL	Receptor ID
5	RECGROUP	CHAR	8		NOT NULL	Receptor Group
6	RECNAME	CHAR	50		NULL	Receptor Name
7	RECTYPE	CHAR	8		NULL	Receptor Type
8	POPRES	NUMBER	10		NULL	Residential Population
9	POPWORK	NUMBER	10		NULL	Working Population
10	ELEV	NUMBER	7	2	NULL	Elevation in Feet
11	COORD_SYS	CHAR	3		NULL	Coordinate System Used Domain: DD - Decimal Degrees TA - Teale Albers, meters U10- UTM10, kilometers U11- UTM11, kilometers

Table RECEP – Receptor Information (Cont.)
(Primary Key: RECID + CO + AB + DIS + RECGROUP)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
12	DATUM	CHAR	5		NULL	Type of Datum Used Domain: NAD27 – North American Datum 1927 NAD83 – North American Datum 1983 WGS84 – World Geodetic System 1984
13	SPHEROID	CHAR	10		NULL	Shape Used for Ellipsoidal Earth Domain: Clarke1866 – Clarke 1866 GRS80 – Geodetic Reference System 1980 WGS84 - World Geodetic System 1984 WGS72 - World Geodetic System 1972
14	X_USERCOORD	NUMBER	12	6	NULL	X (East) Coordinate in COORD_SYS Units
15	Y_USERCOORD	NUMBER	13	6	NULL	Y (North) Coordinate in COORD_SYS Units
16	LOC_METH	CHAR	3		NULL	Method of Collecting Data Domain: Table DEFLOCATION
17	UE_NAD83	NUMBER	8	2	NULL	NAD83 UTM East in meters [ARB use] Domain: UTMEAST
18	UN_NAD83	NUMBER	9	2	NULL	NAD83 UTM North in meters [ARB use] Domain: UTMNORTH
19	LAT_NAD83	NUMBER	8	6	NULL	Latitude in decimal degrees, [ARB use]
20	LON_NAD83	NUMBER	9	6	NULL	Longitude in decimal degrees, [ARB use]
21	ARB_LOC_METH	CHAR	3		NULL	Code to indicate the ARB method to determine SLAT_NAD83 and SLON_NAD83 [ARB use] Domain: Table DEFLOCATION
22	X_TA83	NUMBER	8	2	NULL	X (East) Coordinate in Teale Albers, meters [ARB use]
23	Y_TA83	NUMBER	9	2	NULL	Y (North) Coordinate in Teale Albers, meters [ARB use]

SECTION TWO
TRANSACTION TABLES

Table FACTRANS - Facility Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain FAC
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	FNAME	CHAR	60		NULL	Name of Facility at Location
10	FSTREET	CHAR	60		NULL	Street Where Facility Is Located
11	FCITY	CHAR	20		NULL	City Where Facility Is Located
12	FZIP	CHAR	5		NULL	Facility Zip Code
13	FZIPEXT	CHAR	4		NULL	Facility Zip Code Extension
14	PCONTACT	CHAR	24		NULL	Phone Contact Person
15	AREAC	NUMBER	3		NULL	Telephone Area Code
16	PHONE	NUMBER	7		NULL	Telephone Number
17	FSIC	NUMBER	4		NOT NULL	Facility SIC
18	NEMP	NUMBER	5		NULL	Number of Employees
19	MNAME	CHAR	60		NULL	Company Name for Mailing Purpose
20	MSTREET	CHAR	60		NULL	Company Mailing Street
21	MCITY	CHAR	20		NULL	Company Mailing City
22	MSTATE	CHAR	2		NULL	Company Mailing State
23	MZIP	CHAR	5		NULL	Mail Zip Code
24	MZIPEXT	CHAR	4		NULL	Mail Zip Code Extension
25	MCONTACT	CHAR	24		NULL	Mail Contact Person
26	AQCR	NUMBER	2		NULL	EPA Air Quality Control Region
27	FACSUBCO	CHAR	4		NULL	Facility Sub-county Identifier
28	CODESIG	CHAR	1		NULL	Area Designation for CO
29	N02DESIG	CHAR	1		NULL	Area Designation for N ₀₂
30	OZDESIG	CHAR	1		NULL	Area Designation for Ozone
31	PMDESIG	CHAR	1		NULL	Area Designation for Particulate
32	S02DESIG	CHAR	1		NULL	Area Designation for S ₀₂
33	FAC_PHASE	CHAR	2		NULL	Phase Facility Brought into Program
34	FAC_FORECAST	CHAR	1		NULL	Fac. Used for Forecasting Purposes
35	PRIORITY	CHAR	1		NULL	Priority for Risk Assessment
36	INDUSTRYWIDE	CHAR		1	NULL	Included in Industry Wide
37	FACD1	CHAR	9		NULL	Reserved for District Use
38	FACD2	CHAR	9		NULL	Reserved for District Use
39	FRS_ID	CHAR	12		NULL	EPA Facility Registry System Identification
40	FNAICS	CHAR	6		NULL	Facility North American Industry Classification
41	COORD_SYS	CHAR	3		NULL	Coordinate System Used
42	DATUM	CHAR5	5		NULL	Type of Datum Used
43	SPHEROID	CHAR	9		NULL	Shape Used for Ellipsoidal Earth
44	X_USERCOORD	NUMBER	12	6	NULL	X Coordinate
45	Y_USERCOORD	NUMBER	14	6	NULL	Y Coordinate
46	LOC_METH	CHAR	3		NULL	Method of Collecting Data
47	SMALL_COMM	CHAR	1		NULL	Is Facility a Small Commercial Facility (i.e., Aggregated Point Source)? Domain: Y/N (May be expanded in future to use codes for specific types.)

Table FACTRANS - Facility Transactions (Cont.)
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
48	FAC_UPDATE	CHAR	3		NULL	Updating Code
49	CHAPIS	CHAR	1		NULL	CHAPIS Facility
50	FAC_LOC_ONLY	CHAR	1		NULL	Is this Facility Record for a "Location Only" Facility (no site-specific emissions)? Domain: Y/N
51	CERR_CODE	CHAR	1		NULL	Consolidated Emission Reporting Rule Identification Domain: A/B
52	MEMO_FAC	CHAR	80		NULL	Comments on Facility [District option]
53	FACU_D	DATE	8		NULL	Date District Last Updated
54	OPERATOR	CHAR	3		NULL	Operator Initials
55	TDATE	DATE	8		NOT NULL	Transaction Date

Table FAC_RISK_TRANS - Facility Risk Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain RSK
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
9	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	FEE_CAT	CHAR	1		NULL	Toxic Program Status A Prioritization score > 10.0 B HRA >= 10 and less than 50 C HRA >= 50 and less than 100 D HRA >= 100 E Unprioritized (new facility) F HRA >= 1 and less than 10 G Exempt H Exempt, HRA < 1 M Out, de minimus O Out of business P Exempt, prioritization score < 1.0 U District update facility - Prioritization Score greater than 1 and <= 10
10	SIC_FEEREG	NUMBER	4		NULL	SIC Code for facility in Fee Regulation
11	EXEMPT	CHAR	50		NULL	Exemption status and reason
12	SMALL_BUS	CHAR	1		NULL	Small business?
13	VINTAGE_RISK	NUMBER	4		NULL	Year of Risk Data
14	VINTAGE_PS	NUMBER	4		NULL	Year of Prioritization Score
15	NUM_SCC	NUMBER	4		NULL	Number of SCC used by facility
16	PROXIMITY	NUMBER	9	2	NULL	Receptor Proximity, meters
17	CANCEREPP	NUMBER	8	2	NULL	Cancer Priority Score, Emissions and Potency Procedure

Table FAC_RISK_TRANS - Facility Risk Transactions (Cont.)
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
18	NONCANCEREPP	NUMBER	7	2	NULL	Non-cancer Priority Score, Emissions and Potency Procedure
19	ACUTEPEPP	NUMBER	7	2	NULL	Acute Priority Score, Emissions and Potency Procedure
20	CHRONICEPP	NUMBER	7	2	NULL	Chronic Priority Score, Emissions and Potency Procedure
21	CANCERDAP	NUMBER	8	2	NULL	Cancer Priority Score, Dispersion Adjustment Procedure
22	NONCANCERDAP	NUMBER	7	2	NULL	Non-cancer Priority Score, Dispersion Adjustment Procedure
23	ACUTEDAP	NUMBER	7	2	NULL	Acute Priority Score, Dispersion Adjustment Procedure
24	CHRONICDAP	NUMBER	7	2	NULL	Chronic Priority Score, Dispersion Adjustment Procedure
25	TS	NUMBER	8	2	NULL	Overall Priority Score
26	PRIORITY_MULT	NUMBER	6	2	NULL	Priority Multiplier
27	HRA_CAN	NUMBER	7	2	NULL	Health Risk Assessment Cancer Risk
28	CHRONIC_HI	NUMBER	7	2	NULL	Chronic Hazard Index
29	ACUTE_HI	NUMBER	7	2	NULL	Acute Hazard Index
30	OPERATOR	CHAR	3		NULL	Operator Initials
31	TDATE	DATE	8		NOT NULL	Transaction Date

Table STKTRANS - Stack Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + STK)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain STK
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	STK	NUMBER	6		NOT NULL	Stack ID
10	STKHT	NUMBER	8	4	NULL	Stack Height (Feet)
11	STKDIAM	NUMBER	4	1	NULL	Stack Diameter at Exit(feet)
12	GT	NUMBER	5	1	NULL	Actual Gas Temp at Exit (Deg F)
13	GF	NUMBER	10	2	NULL	Actual Gas Flow (CFM)
14	GV	NUMBER	8	2	NULL	Actual Gas Velocity at Exit (Ft/min)
15	STKNAME	CHAR	60		NULL	Stack Name
16	COORD_SYS	CHAR	15		NULL	Coordinate System Used
17	DATUM	CHAR	5		NULL	Type of Datum Used
18	SPHEROID	CHAR	10		NULL	Shape Used for Ellipsoidal Earth
19	X_USERCOORD	NUMBER	12	6	NULL	X Coordinate
20	Y_USERCOORD	NUMBER	14	6	NULL	Y Coordinate
21	LOC_METH	CHAR	3		NULL	Method of Collecting Data
22	ELEV	NUMBER	7	2	NULL	Elevation in Feet

Table STKTRANS - Stack Transactions (Cont.)
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + STK)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
23	SRCTYP	CHAR	7		NOT NULL	Type of Release as specified for ISC
24	SYINIT	NUMBER	7	2	NULL	Initial Lateral Dimension of Volume Release, feet
25	SZINIT	NUMBER	7	2	NULL	Initial Vertical Dimension of Volume or Area Release (Optional for Area), feet
26	XINIT	NUMBER	7	2	NULL	Square Length or Rec. Side of Area Release, feet
27	YINIT	NUMBER	7	2	NULL	Rectangular Side of Area or Open Pit Release (Optional for Area), feet
28	ANGLE	NUMBER	5	2	NULL	Angle of Area or Open Pit Source, degree (Optional)
29	PITVOL	NUMBER	15	2	NULL	Volume of Open Pit Source, ft ³
30	ISDEFAULT	CHAR	2		NULL	Code to indicate Stack Data are default
31	MEMO_STK	CHAR	80		NULL	Comments on Stack Information
32	STKU_D	DATE	8		NULL	Date Stack Last Updated
33	OPERATOR	CHAR	3		NULL	Operator Initials
34	TDATE	DATE	8		NOT NULL	Transaction Date

Table DEVTRANS - Device Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain: DEV
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	DEV	NUMBER	6		NOT NULL	Device ID
10	DEVNM	CHAR	40		NULL	Local Name of this Device
11	DEVCAP	NUMBER	10	3	NULL	Device Output Capacity
12	PERID	CHAR	32		NULL	Local Permit ID
13	NUMDEV	NUMBER	5		NULL	Number of Devices Represented
14	EQSIZE	NUMBER	10	1	NULL	Equipment Size
15	EQSIZE_CF	CHAR	1		NULL	Equipment Size Confidential Flag
16	EQUNITC	NUMBER	5		NULL	Equipment Size Units Code
17	DEVSUBCO	CHAR	4		NULL	Sub-county Indicator
18	EQTYPEC	NUMBER	5		NULL	Equipment Type Code
19	SECT	NUMBER	2		NULL	Section
20	TWNSHP	NUMBER	2		NULL	Township
21	TWNSHPB	CHAR	1		NULL	Township Base
22	RANGE	NUMBER	2		NULL	Range
23	RANGEB	CHAR	1		NULL	Range Base
24	DEVD1	CHAR	40		NULL	Reserved for District Use
25	DEVD2	CHAR	40		NULL	Reserved for District Use
26	MEMO_DEV	CHAR	80		NULL	Comments on Device Information [District option]
27	DEVU_D	DATE	8		NULL	Date District Last Updated
28	OPERATOR	CHAR	3		NULL	Operator Initials
29	TDATE	DATE	8		NOT NULL	Transaction Date

Table PROTRANS - Process Transactions
(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain PRO
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	DEV	NUMBER	6		NOT NULL	Device ID
10	PROID	NUMBER	14		NOT NULL	Process ID
11	PRDESC	CHAR	60		NULL	Process Description
12	SCC	NUMBER	14		NOT NULL	SCC or EIC
13	SIC	NUMBER	14		NULL	Standard Indust. Class or EIC ³
14	PR	NUMBER	11		NULL	Process Rate in SCC Units
15	PRUNITS	NUMBER	4		NULL	Process Rate Unit Code
16	UPR	NUMBER	12	1	NULL	Unreconciled Process Rate
17	MAXHR_PR	NUMBER	9		NULL	Maximum Hourly Process Rate
18	MAXD	NUMBER	9	3	NULL	Maximum Design Rate
19	HEAT	NUMBER	8	3	NULL	Heat Content
20	ASH	NUMBER	4	2	NULL	Ash Content
21	S	NUMBER	3	2	NULL	Percent Fuel Sulfur Content
22	PRORIG	NUMBER	3		NULL	Process Rate Origin Code
23	PRREL	NUMBER	3		NULL	Process Rate Reliability
24	STK	NUMBER	6		NULL	Stack ID
25	HPDY	NUMBER	2		NULL	Operating Hours per Day Daily
26	DPWK	NUMBER	2		NULL	Operating Days per Week
27	WPYR	NUMBER	2		NULL	Operating Weeks per Year
28	YREST	NUMBER	4		NULL	Year of Process/Emission Estimate Made
29	PROD1	CHAR	40		NULL	Reserved for District Use
30	PROD2	CHAR	40		NULL	Reserved for District Use
31	PR_FORECAST	CHAR	1		NULL	Process Specific Forecast Indicator
32	CONF	CHAR	1		NULL	Confidential Process Data
33	JANT	NUMBER	4	1	NULL	Percent Activity for January
34	FEBT	NUMBER	4	1	NULL	Percent Activity for February
35	MART	NUMBER	4	1	NULL	Percent Activity for March
36	APRT	NUMBER	4	1	NULL	Percent Activity for April
37	MAYT	NUMBER	4	1	NULL	Percent Activity for May
38	JUNT	NUMBER	4	1	NULL	Percent Activity for June
39	JULT	NUMBER	4	1	NULL	Percent Activity for July
40	AUGT	NUMBER	4	1	NULL	Percent Activity for August
41	SEPT	NUMBER	4	1	NULL	Percent Activity for Sept.
42	OCTT	NUMBER	4	1	NULL	Percent Activity for October
43	NOVT	NUMBER	4	1	NULL	Percent Activity for November
44	DECT	NUMBER	4	1	NULL	Percent Activity for Dec.
45	SPATIAL	CHAR	8		NULL	Spatial Distribution Parameter
46	SEST	CHAR	6		NULL	Agency Making Area Estimate
47	PRUP	DATE	8		NULL	Date of Last Process Rate Update
48	NAICS	CHAR	6		NULL	NAICS Code
49	OUTPUT	NUMBER	10	2	NULL	Process Rate Output in MegaWatt
50	MEMO_PR	CHAR	80		NULL	Process Information Memo [District option]
51	ISDEFAULT	CHAR	2		NULL	Code to indicate the link to the StackID is default.

Table PROTRANS - Process Transactions (Cont.)**(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
52	OPERATOR	CHAR	10		NULL	Operator Initials
53	TDATE	DATE	8		NOT NULL	Transaction Date

Table EMSTRANS - Emission Transactions**(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID + POL)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain EMS
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	Distirct
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	DEV	NUMBER	6		NOT NULL	Device ID
10	PROID	NUMBER	14		NOT NULL	Process ID
11	POL	NUMBER	9		NOT NULL	Pollutant Code
12	UEMFACT	NUMBER	10		NULL	Uncontrolled Emission Factor
13	CNTL1	NUMBER	3		NULL	Primary Pol. Control Device Code
14	CNTL2	NUMBER	3		NULL	Secondary Pol. Control Device Code
15	CNTLEFF	NUMBER	4	1	NULL	Control Efficiency (Percent)
16	EMFACT	NUMBER	10		NULL	Emission Factor (Lbs/SCC Units)
17	EMORIG	NUMBER	3		NULL	Emission Factor Origin Code
18	EMREL	NUMBER	3		NULL	Emission Factor Reliability
19	EMS	NUMBER			NOT NULL	Annual Emissions
20	HRMAXEMS	NUMBER			NULL	Maximum Hourly Emissions
21	METH	NUMBER	2		NULL	Emission Calculation Method Code
22	REASCH	NUMBER	4		NULL	Vintage of Emissions
23	EXEMS	NUMBER			NULL	Total Excess Emissions
24	UNREMS	NUMBER	9	1	NULL	Unreconciled Emissions (Tons/year)
25	POTENTIAL	NUMBER			NULL	Potential Emissions for Districts' Use
26	EMS_FORECAST	CHAR	1		NULL	Pollutant Specific Forecast Indicators
27	EMSUP	DATE	8		NULL	Date of Last EMS Update by District
28	MAINTAINED	CHAR	1		NULL	Flag to Indicate Whether the Emissions of this Pollutant are agreed to be regularly maintained by the District
29	MEMO_EMS	CHAR	80		NULL	Comments on Emission Information [District option]
30	OPERATOR	CHAR	3		NULL	Operator Initials
31	TDATE	DATE	8		NOT NULL	Transaction Date

Table EXCTRANS - Excess Emission Transactions**(Primary Key: BATCHID + BTYPE + TDATE + ACTION + CO + FACID + AB + DIS + DEV + PROID + POL + EXTYPE + EXQTR + EXYR)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (A)rea or (P)oint
3	TRANSID	CHAR	3		NOT NULL	Transaction ID
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	DEV	NUMBER	6		NOT NULL	Device ID
10	PROID	NUMBER			NOT NULL	Process ID
11	POL	NUMBER	9		NOT NULL	Pollutant
12	EXTYPE	NUMBER	3		NOT NULL	Type of Excess Emissions Code
13	EXQTR	NUMBER	1		NOT NULL	Quarter of Year of Excess Emissions
14	EXYR	NUMBER	4		NOT NULL	Calendar Year of Excess Emissions
15	EXCESS	NUMBER			NOT NULL	Excess Emissions
16	OPERATOR	CHAR	3		NULL	Operator Initials
17	TDATE	DATE	8		NOT NULL	Transaction Date

Table SUPTRANS - Supplemental Uses and Production Transaction**(Primary Key: CO + FACID + AB + DIS + POL)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batchtype: (A)rea or (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain SUP
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	POL	NUMBER	9		NOT NULL	Pollutant ID
10	USED	CHAR	1		NULL	Is this Substance Used?
11	PRODUCED	CHAR	1		NULL	Is this Substance Produced?
12	PRESENT	CHAR	1		NULL	Is this Subst. Otherwise Present?
13	HOW_PRESENT	CHAR	39		NULL	How Substances Is Otherwise Present?
14	OPERATOR	CHAR	3		NULL	Operator Initials
15	TDATE	DATE	8		NOT NULL	Transaction Date

Table BLDGTRANS - Building Transaction**(Primary Key: BATCHID + TRANSID + ACTION + CO + FACID + AB + DIS + ID + TIER)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (P)oint

Table BLDGTRANS – Building Transaction (Cont.)
(Primary Key: BATCHID + TRANSID + ACTION + CO + FACID + AB + DIS + ID + TIER)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain: BLD
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	ID	NUMBER	5		NOT NULL	Building ID
10	TIER	NUMBER	5		NOT NULL	Tier ID
11	DESCRIPTION	CHAR	80		NULL	Building Description
12	HEIGHT	NUMBER	5	2	NULL	Building Height from Ground Level, Meters

Table BLDGTRANS – Building Transaction (Cont.)
(Primary Key: BATCHID + TRANSID + ACTION + CO + FACID + AB + DIS + ID + TIER)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
13	ELEVATION	NUMBER	7	2	NULL	Elevation of Base of Building, Feet
14	NPTS	NUMBER	2		NULL	Number of Vertex Point
15	ISDEFAULT	CHAR	2		NULL	Code to indicate Building Data are Default
16	OPERATOR	CHAR	3		NULL	Operator Initials
17	TDATE	DATE	8		NOT NULL	Transaction Date

Table BLDGPTRANS – Building Point Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + CO + FACID + AB + DIS + ID + TIER + POINTID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8		NOT NULL	Batch ID
2	BTYPE	CHAR	1		NOT NULL	Batch Type: (P)oint
3	TRANS_ID	CHAR	3		NOT NULL	Transaction ID - Domain: BLP
4	CO	NUMBER	2		NOT NULL	County Number
5	FACID	NUMBER	9		NOT NULL	Facility ID
6	AB	CHAR	3		NOT NULL	Air Basin
7	DIS	CHAR	3		NOT NULL	District
8	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	ID	NUMBER	5		NOT NULL	Building ID
10	TIER	NUMBER	5		NOT NULL	Tier ID
11	POINTID	NUMBER	5		NOT NULL	Vertex Point ID
12	PLOTORDER	NUMBER	5		NULL	Plot Order
13	UTME	NUMBER	9	2	NULL	UTM East Offset in Meters, Relative to Facility
14	UTMN	NUMBER	9	2	NULL	UTM North Offset in Meters, Relative to Facility
15	OPERATOR	CHAR	3		NULL	Operator Initials
16	TDATE	DATE	8		NOT NULL	Transaction Date

Table PROPTRANS – Property Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + CO + FACID + AB + DIS + ID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8	NOT NULL	Batch ID
2	BTYPE	CHAR	1	NOT NULL	Batch Type: (P)oint
3	TRANS_ID	CHAR	3	NOT NULL	Transaction ID - Domain PRT
4	CO	NUMBER	2	NOT NULL	County Number
5	FACID	NUMBER	9	NOT NULL	Facility ID
6	AB	CHAR	3	NOT NULL	Air Basin
7	DIS	CHAR	3	NOT NULL	District
8	ACTION	CHAR	1	NOT NULL	Action: (A)dd, (C)hange, or (D)elete
9	ID	NUMBER	5	NOT NULL	Property ID
10	DESCRIPTION	CHAR	80	NULL	Property Description
11	NPTS	NUMBER	5	NULL	Number of Vertex Points
12	ISDEFAULT	CHAR	2	NULL	Is the Property Information Defaulted
13	OPERATOR	CHAR	3	NULL	Operator Initials
14	TDATE	DATE	8	NOT NULL	Transaction Date

Table PROPTRANS – Property Point Data Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + CO + FACID + AB + DIS + ID + POINTID)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8	NOT NULL	Batch ID
2	BTYPE	CHAR	1	NOT NULL	Batch Type: (P)oint
3	TRANS_ID	CHAR	3	NOT NULL	Transaction ID - Domain PRP
4	CO	NUMBER	2	NOT NULL	County Number
5	FACID	NUMBER	9	NOT NULL	Facility ID
6	AB	CHAR	3	NOT NULL	Air Basin
7	DIS	CHAR	3	NOT NULL	District
8	ACTION	CHAR	1	NOT NULL	Action: (A)dd, (C)hange, or (D)elete
8	ID	NUMBER	5	NOT NULL	Property ID
9	POINTID	NUMBER	5	NOT NULL	Vertex Point ID
10	PLOTORDER	NUMBER	5	NULL	Plot Order
11	UTME	NUMBER	9	2 NULL	UTM East Offset in Meters, Relative to Facility
12	UTMN	NUMBER	9	2 NULL	UTM North Offset in Meters, Relative to Facility
13	ELEVATION	NUMBER	7	2 NULL	Elevation, feet
15	OPERATOR	CHAR	3	NULL	Operator Initials
16	TDATE	DATE	8	NOT NULL	Transaction Date

Table RECEPTRANS – Receptor Transaction
(Primary Key: BATCHID + BTYPE + TRANS_ID + RECID + CO + AB + DIS + RECGROUP)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8	NOT NULL	Batch ID
2	BTYPE	CHAR	1	NOT NULL	Batch Type: (P)oint
3	TRANS_ID	CHAR	3	NOT NULL	Transaction ID - Domain RCP
4	CO	NUMBER	2	NOT NULL	County Number
5	AB	CHAR	3	NOT NULL	Air Basin
6	DIS	CHAR	3	NOT NULL	District

Table RECEPTRANS – Receptor Transaction (Cont.)
(Primary Key: BATCHID + BTYPE + TRANS_ID + RECID + CO + AB + DIS + RECGROUP)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
7	ACTION	CHAR	1		NOT NULL	Action: (A)dd, (C)hange, or (D)elete
8	RECID	NUMBER	10		NOT NULL	Receptor ID
9	RECGROUP	CHAR	8		NOT NULL	Receptor Group
10	RECNAME	CHAR	50		NULL	Receptor Name
11	RECTYPE	CHAR	8		NULL	Receptor Type
12	POPRES	NUMBER	6		NULL	Resident Population
13	POPWORK	NUMBER	6		NULL	Worker Population
14	ELEV	NUMBER	7	2	NULL	Elevation in feet
15	COORD_SYS	CHAR	3		NULL	Coordinate System Used Domain: DD - Decimal Degrees TA - Teale Albers, meters U10- UTM10, kilometers U11- UTM11, kilometers
16	DATUM	CHAR	5		NULL	Type of Datum Used Domain: NAD27 – North American Datum 1927 NAD83 – North American Datum 1983 WGS84 – World Geodetic System 1984

Table RECEPTRANS – Receptor Transaction (Cont.)
(Primary Key: BATCHID + BTYPE + TRANS_ID + RECID + CO + AB + DIS + RECGROUP)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
17	SPHEROID	CHAR	10		NULL	Shape Used for Ellipsoidal Earth Domain: Clarke1866 – Clarke 1886 GRS80 – Geodetic Reference System 1980 WGS84 - World Geodetic System 1984 WGS72 - World Geodetic System 1972
18	X_USERCOORD	NUMBER	12	6	NULL	X (East) Coordinate in COORD_SYS Units
19	Y_USERCOORD	NUMBER	13	6	NULL	Y (North) Coordinate in COORD_SYS Units
20	LOC_METH	CHAR	3		NULL	Method of Collecting Data Domain: Table DEFLOCATION
24	OPERATOR	CHAR	3		NULL	Operator Initials
25	TDATE	DATE	8		NOT NULL	Transaction Date

SECTION THREE
INTERNAL UTILITY TABLES

Table BPRLOG - Batch Processing Log
(Primary Key: BATCHID + REC_NUM)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	BATCHID	CHAR	8	NOT NULL	Batch ID
2	REC_NUM	NUMBER	7	NOT NULL	Record Number
3	MESG	CHAR	80	NULL	Processing Message
4	PRDATE	DATE	8	NULL	Processing Date

Table CATEGORY - Category Information
(Primary Key: SCC + SIC)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SCC	NUMBER	14	NOT NULL	SCC or EIC Code Domain: Table SCC
2	SIC	NUMBER	14	NOT NULL	SIC Code or EIC Code Domain: Table SIC
3	NAICS	CHAR	6	NULL	NAICS Code Domain: Table NAICS
4	EIC	NUMBER	14	NULL	Complete Emission Inv. Code Domain: Table EIC
5	REIC	NUMBER	14	NULL	EIC for Reconciliation Purposes Domain: Table EIC
6	CES	NUMBER	6	NULL	Category of Emission Source Range: 1 - 84000
7	CATU	DATE	8	NULL	Date and Time of Last Update
8	TYPE	CHAR	2	NULL	Source Type Domain: SP - Stationary Point SA - Stationary Aggregated A - Area-wide M - On-road Mobile O - Other Mobile N - Natural (Non-anthropogenic)

Table CNTLDEV - Pollution Control Device Codes And Names
(Primary Key: CNTL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CNTL	NUMBER	3	NOT NULL	Pollution Control Device Code Range: 0-999
2	CNTLN	CHAR	80	NULL	Pollution Control Device Name
3	CNTLDESC	CHAR	80	NULL	Pollution Control Dev. Description

Table CNTLEFF - Pollution Control Device Efficiency Ranges
(Primary Key: CNTL + POL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CNTL	NUMBER	3		NOT NULL	Pollution Control Device Code Range: 0 - 999
2	CNTLEFFGRP	CHAR	4		NOT NULL	Control Efficiency Group Domain Table DEFCNTLEFFGRP
2	POL	NUMBER	9		NOT NULL	Pollutant Code Domain Table POLLUTANT
3	MINEFF	NUMBER	5	1	NULL	Minimum Control Efficiency Range: -100.0 - 100.0
4	MAXEFF	NUMBER	5	1	NULL	Maximum Control Efficiency Range: -100.0 - 100.0

Table COABDIS - County, Air Basin, and District Information
(Primary Key: CO + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Range: 1- 58
2	AB	CHAR	3		NOT NULL	Air Basin ID
3	DIS	CHAR	3		NOT NULL	District ID
4	MERGE_YEAR	NUMBER	4		NULL	Merged Year – Starting Year Data are Merged
5	ABN	CHAR	30		NOT NULL	Air Basin Name
6	CON	CHAR	15		NOT NULL	County Name
7	COID	CHAR	3		NOT NULL	Alpha County ID
8	DISN	CHAR	35		NOT NULL	District Name

Table FRACTION - Fraction Information
(Primary Key: SCC + YEAR + AB + CO + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SCC	NUMBER	14		NOT NULL	SCC or EIC Code Domain: Table SCC
2	YEAR	NUM	4		NOT NULL	Four Digit Year
3	AB	CHAR	3		NOT NULL	Air Basin ID Domain: Table COABDIS
4	CO	NUM	2		NOT NULL	County ID Domain: Table COABDIS
5	DIS	CHAR	3		NOT NULL	District ID Domain: Table COABDIS
6	PMPROF	NUMBER	5		NULL	Particulate Matter Profile Code Domain: Table PMPROFILE
7	FRPM2_5	NUMBER	5	4	NULL	Fraction Particulate LE 2.5 Microns Range: 0 - 1.0000
8	FRPM10	NUMBER	5	4	NULL	Fraction Particulate LE 10 Microns Range: 0- 1.0000

Table FRACTION - Fraction Information (Cont.)
(Primary Key: SCC + YEAR + AB + CO + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
9	ORGPORF	NUMBER	5		NULL	Organic Profile Code Domain: Table ORGPROFILE
10	FROG	NUMBER	5	4	NULL	Fraction Reactive Organic Gas Range: 0- 1.0000
11	FRVOC	NUMBER	5	4	NULL	Fraction Volatile Organic Compounds Range: 0- 1.0000
12	PMPORFU	DATE	8		NULL	Date and Time of Last PM Profile Update
13	ORGPORFU	DATE	8		NULL	Date and Time of Last Organic Profile Update
14	FRACU	DATE	8		NULL	Data and Time of Last ARB Fractions Update

Table MV_SEASON_EMS - Motor Vehicle Seasonal Emissions
(Primary Key: YEAR + SEASON + CO + AB + DIS + PROID + POL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	YEAR	NUMBER	4		NOT NULL	Inventory Year
2	SEASON	CHAR	1		NOT NULL	Season Domain: S - Summer W - Winter
3	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
4	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
5	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
6	PROID	NUMBER	14		NOT NULL	Process ID
7	PR	NUMBER			NULL	Process Rate
8	POL	NUMBER	9		NOT NULL	Pollutant Code Domain: Table POLLUTANT
9	EMFACT	NUMBER			NULL	Emission Factor (lbs/SCC Units)
10	ARBFR1	NUMBER	5	4	NULL	Defaulted ROG or PM10 or NOX Frac
11	ARBFR2	NUMBER	5	4	NULL	Defaulted VOC or PM2.5 Fraction
12	EMS	NUMBER			NOT NULL	Seasonal Daily Emissions
13	MV_EMSU	DATE			NULL	Date and Time of Last Update

Table ORGPROFILE - Organic Gas Profile Data and Names
(Primary Key: ORGPROF + SAROAD)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	ORGPROF	NUMBER	5		NOT NULL	Organic Profile Code Range: 0 - 99999
2	SAROAD	NUMBER	5		NOT NULL	Saroad Chemical Code Domain: Table POLLUTANT
3	ORGFRAC	NUMBER	5	4	NULL	Organic Weight Fraction Profiles Range: 0- 1.0000
4	ORGPROFN	CHAR	72		NULL	Organic Profile Name
5	TOGTHC	NUMBER	1		NULL	TOG or THC Domain: 0 - TOG 1 - THC

Table OXFRAC - Oxide Fractions
(Primary Key: ORGPROF)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	ORGPROF	NUMBER	5		NOT NULL	Organic Profile Code Domain: Table ORGPROFILE
2	NOXNO	NUMBER	3	2	NULL	NO _x to NO Fraction Range: 0- 1.00
3	NOXNO2	NUMBER	3	2	NULL	NO _x to NO ₂ Fraction
4	SOXS02	NUMBER	3	2	NULL	SO _x TO SO ₂ Fraction Range: 0- 1.00
5	SOXS03	NUMBER	3	2	NULL	SO _x TO SO ₃ Fraction Range: 0- 1.00

Table PMCHEMPROFILE - PM Chemical Weight Fractions by Size
(Primary Key: PMPROF + SAROAD)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	PMPROF	NUMBER	5		NOT NULL	Particulate Matter Profile Code Domain: Table PMPROFILE
2	SAROAD	NUMBER	5		NOT NULL	SAROAD Code Domain: Table POLLUTANT\
3	SPECIES	CHAR	6		NULL	Chemical Species
4	CFLT1	NUMBER	7	6	NULL	Chem. Weight Frac. PM < 1 Micron Range: 0- 1.000000
5	CF1_2NHF	NUMBER	7	6	NULL	Chem. Weight Frac. PM 1 -2.5 Micron Range: 0- 1.000000
6	CFLT2NHF	NUMBER	7	6	NULL	Chem. Weight Frac. PM < 2.5 Micro Range: 0- 1.000000
7	CF2NHF_10	NUMBER	7	6	NULL	Chem. Weight Frac. PM 2.5 - 10 Micron Range: 0- 1.000000
8	CFLT10	NUMBER	7	6	NULL	Chem. Weight Frac. PM < 10 Micron Range: 0- 1.000000
9	CFGT10	NUMBER	7	6	NULL	Chem. Weight Frac. PM > 10 Micron Range: 0- 1.000000
10	CFTOTAL	NUMBER	7	6	NULL	Total Chemical Weight Fraction Range: 0- 1.000000

**Table PMSIZEPROFILE - Particulate Matter Profile Codes and Names
(Primary Key: PMPROF)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	PMPROF	NUMBER	5		NOT NULL	Particulate Matter Profile Code Range: 0 - 9999
2	PMPROFN	CHAR	30		NULL	Particulate Matter Profile Name
3	PMLT1	NUMBER	5	4	NULL	Weight Fraction PM <1 Micron Range: 0- 1.0000
4	PM1_2NHF	NUMBER	5	4	NULL	Weight Frac. PM 1 - 2.5 Micron Range: 0- 1.0000
5	PMLT2NHF	NUMBER	5	4	NULL	Weight Frac. PM <2.5 Micron Range: 0- 1.0000
6	PM2NHF_10	NUMBER	5	4	NULL	Weight Frac. PM 2.5 - 10 Micron Range: 0- 1.0000
7	PMLT10	NUMBER	5	4	NULL	Weight Frac. PM < 10 Micron Range: 0- 1.0000
8	PMGT10	NUMBER	5	4	NULL	Weight Frac. PM >10 Micron Range: 0- 1.0000

**Table POLLUTANT - Pollutant Information
(Primary Key: POL)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	POL	NUMBER	9		NOT NULL	Pollutant ID Ranges: 1 - 9999 ARB ID Number > 9999 CAS Number SAROAD Code for Criteria Pollutants
2	POL_TYPE	CHAR	1		NULL	Pollutant Type - Domain: C - Criteria T - Toxics
3	POLN	CHAR	80		NULL	Pollutant Full Name
4	POLABBREV	CHAR	15		NULL	Pollutant Abbreviated Name
5	POLALTN1	CHAR	80		NULL	Alternate Name for Pollutant
6	POLALTN2	CHAR	80		NULL	Alternate Name for Pollutant
7	RPT_GROUP	CHAR	80		NULL	Pol'ts Reported by Regulatory Group
8	RPT_ALPHA	CHAR	80		NULL	Pol'ts Rpt'd by Alpha Within Reg. Group
9	ALPHA_POL	CHAR	80		NULL	Pollutants Reported by Alpha
10	HAPS	CHAR	1		NULL	Federal Hazardous Air Pollutant Domain: Y - HAPS
11	REG_SUBST	CHAR	1		NULL	Regulation Substance Indicator Domain: Y - Yes
12	SELECTED_GRP	NUMBER	2		NULL	Selected Group of Substance Code for Report Domain: Table DEFGROUP
13	FORMULA	CHAR	25		NULL	Molecular Formula
14	SAROAD	NUMBER	5		NULL	SAROAD Code Range: 10000 - 45000
15	IUPAC	CHAR	80		NULL	IUPAC Name
16	ADD_DATE	DATE	8		NULL	Date Added to "Hot Spots" List
17	DROP_DATE	DATE	8		NULL	Date Dropped from "Hot Spots" List
18	CHANGE_DATE	DATE	8		NULL	Date Changed on "Hot Spots" List
19	DELETED	CHAR	1		NULL	Subst Deleted from "Hot Spots" List Domain: Y - Yes; N - No

Table POLLUTANT - Pollutant Information (Cont.)
(Primary Key: POL)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
20	FEECAT	NUMBER	2		NULL	Fee Category List Domain: 1 or 2
21	TOXAPPEN	CHAR	5		NULL	Regulation Appendix List Domain: A-I or A-II or A-III
22	BIOCIDE	CHAR	1		NULL	Is Substance a Biocide? Domain: Y - Yes; N - No
23	PHARM	CHAR	1		NULL	Is Substance a Pharmaceutical? Domain: Y - Yes; N - No
24	CARCIN	CHAR	1		NULL	Is Substance a Carcinogen? Domain: Y - Yes; N - No
25	DEG_ACC	NUMBER			NULL	Degree of Accuracy of Substance
26	MOLE_WT	NUMBER	7	2	NULL	Molecular Weight
27	MELT_PT	NUMBER	7	2	NULL	Melting Point (Centigrade)
28	BOIL_PT	NUMBER	7	2	NULL	Boiling Point (Centigrade)
29	AUTOIG	NUMBER	7	2	NULL	Auto Ignition Point (Centigrade)
30	SUBLI	NUMBER	7	2	NULL	Sublimation Point (Centigrade)
31	SPECG	NUMBER	6	4	NULL	Specific Gravity
32	VAPOR	NUMBER	15	9	NULL	Vapor Pressure (mm Hg)
33	VPTEMP	NUMBER	7	2	NULL	Vapor Pres Ref Temp (Centigrade)
34	CHEMSTATE	CHAR	2		NULL	Chemical State Domain: G - Gas; GL - Gas/liquid L - Liquid; LS- Liquid/solid S - Solid
35	DENSITY	NUMBER	9	4	NULL	Density of Substance (Lbs/Cu.ft)
36	CHAPIS_POL	CHAR	1		NULL	Flag to Indicate Whether This Pollutant is used for CHAPIS Domain: Y/N

Table REACT - Substance Reactivity Descriptions
(Primary Key: DMS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	DMS	CHAR	8		NOT NULL	Detailed Model Species Code
2	OGID	CHAR	8		NULL	Organic Gas ID
3	MIR	NUMBER	6	4	NULL	Maximum Incremental Reactivity (gm O ₃ /gm ROG) RANGE: 0 - 99.9999
4	MOR	NUMBER	6	4	NULL	Maximum Ozone Reactivity (gm O ₃ /gm ROG) Range: 0 - 99.9999

Table REACTCLAS - Chemical Reactive Class and Rate Constants
(Primary Key: SAROAD)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SAROAD	NUMBER	5		NOT NULL	SAROAD Chemical Code Domain: Table POLLUTANT
2	ARBREACT	NUMBER	1		NULL	ARB Reactive Class Domain: 1 - ROG 2 - Non-ROG

Table REACTCLAS - Chemical Reactive Class and Rate Constants (Cont.)
(Primary Key: SAROAD)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
3	EPAREACT	NUMBER	1		NULL	Epa Reactive Class Domain: 1 - VOC 2 - NON-VOC
4	O_RATE	NUMBER	15	8	NULL	Oxygen Rate Constant Range: 0-9999999.99999999
5	OH_RATE	NUMBER	15	8	NULL	OH Rate Constant Range: 0-9999999.99999999
6	O3_RATE	NUMBER	15	8	NULL	O ₃ Rate Constant Range: 0-9999999.99999999

Table STAFF - ARB and District Staff
(Primary Key: STAFF)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	STAFF	CHAR	10		NOT NULL	Oracle USERID
2	NAME	CHAR	30		NULL	Person
3	TELEPHONE	CHAR	25		NULL	Telephone Number
4	DIS	CHAR	3		NULL	ARB or District ID

Table SUBCO - Sub-county Identification
(Primary Key: CO + SUBCO)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
2	SUBCO	CHAR	4		NOT NULL	Sub-county Indicator

Table UTMNORTH - UTM North Coordinates
(Primary Key: UZ + CO + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	UZ	NUMBER	2		NOT NULL	UTM Zone Range: 10 - 11
2	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	MINUN	NUMBER	7	3	NULL	Minimum UTM North - Coordinates Range: 3600 - 4660 Kilometers
6	MAXUN	NUMBER	7	3	NULL	Maximum UTM North - Coordinates Range: 3600 - 4660 Kilometers

Table UTMEAST - UTM East Coordinates
(Primary Key: UZ + CO + AB + DIS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	UZ	NUMBER	2		NOT NULL	UTM Zone Range: 10- 11
2	CO	NUMBER	2		NOT NULL	County Number Domain: Table COABDIS
3	AB	CHAR	3		NOT NULL	Air Basin Domain: Table COABDIS
4	DIS	CHAR	3		NOT NULL	District Domain: Table COABDIS
5	MINUE	NUMBER	6	3	NULL	Minimum UTM East Coordinates Range: 220 - 770 Kilometers
6	MAXUE	NUMBER	6	3	NULL	Maximum UTM East Coordinates Range: 220 - 770 Kilometers

Table UPD_WARN_LOG - Update Warning Log
(Primary Key: CO + FACID + AB + DEV + PROID + POL + WARNUP)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CO	NUMBER	2		NOT NULL	County Number
2	FACID	NUMBER	9		NOT NULL	Facility ID
3	AB	CHAR	3		NOT NULL	Air Basin
4	DIS	CHAR	3		NOT NULL	District
5	DEV	NUMBER	6		NOT NULL	Device ID
6	PROID	NUMBER	14		NOT NULL	Process ID
7	POL	NUMBER	9		NOT NULL	SAROAD Pollutant Code
8	WARNUP	DATE	8		NOT NULL	Date and Time of Update Action
9	WARN_CODE	NUMBER	3		NULL	Warning Code
10	WARNUPID	CHAR	8		NULL	User Performing Update Action Domain: STAFF
11	WARN_MSG	CHAR	80		NULL	Message Area

SECTION FOUR

DEFINE (CODE-LOOKUP) TABLES

**Table DEF25CAT - Top 25 Source Categories
(Primary Key: T25CAT)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	T25CAT	NUMBER	2		NOT NULL	Top 25 Source Category ID
2	T25CATN	CHAR	60		NULL	Top 25 Source Category Name

**Table DEFAREAC - Telephone Area Codes
(Primary Key: AREAC)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	AREAC	NUMBER	3		NOT NULL	Area Code Range: 1 - 999

**Table DEFCNTLEFFGRP - Control Efficiency Group
(Primary Key: CNTLEFFGRP)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	CNTLEFFGRP	CHAR	4		NOT NULL	Control Efficiency Group Code
2	CNTLEFFGRPN	CHAR	80		NULL	Control Efficiency Group Name

**Table DEFDPWK - Weekly Operating Cycle Codes and Names
(Primary Key: DPWK)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	DPWK	NUMBER	2		NOT NULL	Days/week - Weekly Op. Cycle Code Range: 0 - 99
2	DPWKN	CHAR	80		NULL	Days/week-weekly Op. Cycle Desc

**Table DEFEICMAT - Materials Description Codes and Names
(Primary Key: EICMAT)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EICMAT	NUMBER	4		NOT NULL	Materials Description Code Range: 0 - 9999
2	EICMATN	CHAR	60		NULL	Name of Material

**Table DEFEICSOU - Source Category Codes and Names
(Primary Key: EICSOU)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EICSOU	NUMBER	3		NOT NULL	Source Category Code Range: 0 - 999
2	EICSOUN	CHAR	60		NULL	Source Category Name

**Table DEFEICSUB - Emission Sub-Category Codes and Names
(Primary Key: EICSUB)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EICSUB	NUMBER	4		NOT NULL	Emission Sub-category Code Range: 0 - 9999
2	EICSUBN	CHAR	60		NULL	Emission Sub-category Name

**Table DEFEICSUM - Summary Category Codes and Names
(Primary Key: EICSUM)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EICSUM	NUMBER	3		NOT NULL	Summary Category Code Range: 0 - 999
2	EICSUMN	CHAR	60		NULL	Summary Category Name
3	DIV	NUMBER	1		NULL	EIC Division
4	DIVN	CHAR	30		NULL	EIC Division Name
5	EIC 1	NUMBER	1		NULL	First Digit of EIC
6	EIC1N	CHAR	40		NULL	Name of First Digit of EIC

**Table DEFEIC1 - First Digit of the EIC and Names
(Primary Key: EIC1)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EIC1	NUMBER	1		NOT NULL	First Digit of EIC
2	EIC1N	CHAR	40		NULL	Name of First Digit of EIC

**Table DEFEMORIG - Emission Factor Origin Codes and Names
(Primary Key: EMORIG)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EMORIG	NUMBER	3		NOT NULL	Emission Factor Origin Code Range: 0 - 999
2	EMORIGN	CHAR	60		NULL	Emission Factor Origin Name

**Table DEFEXTYPE - Excess Emission Type Codes And Names
(Primary Key: EXTTYPE)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EXTTYPE	NUMBER	3		NOT NULL	Type of Excess Emissions Code Range: 0 - 999
2	EXTYPEN	CHAR	60		NULL	Type of Excess Emissions Name

**Table DEFGROUP - Selected Group Codes and Names
(Primary Key: SELECTED_GRP)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SELECTED_GRP	NUMBER	2		NOT NULL	Selected Group of Substance Code for Report
2	GRPNAME	CHAR	80		NULL	Descriptive Name of the Group

**Table DEFHPDY - Daily Operating Cycle Codes and Names
(Primary Key: HPDY)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	HPDY	NUMBER	2		NOT NULL	Hours/day - Daily Op. Cycle Code Range: 0 - 99
2	HPDYN	CHAR	80		NULL	Hours/day - Daily Op. Cycle Description

**Table DEFISDEFAULT - Code to indicate that Stack/Release Data (or Building/Property Data) are Default
(Primary Key: ISDEFAULT)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	ISDEFAULT	CHAR	2		NOT NULL	Code to indicate Stack/Release Data (or Building/Property Data) are Default
2	ISDEFAULTN	CHAR	80		NULL	Description of IsDefault Code

**Table DEFLOCATION - Method of Collecting Coordinate Location Data
(Primary Key: LOC_METH)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	LOC_METH	CHAR	3		NOT NULL	Collection Method Code for Coordinate Location
2	LOC_METHN	CHAR	50		NULL	Collection Method Description

**Table DEFMETH - Emissions Estimation Method Codes and Names
(Primary Key: METH)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	METH	NUMBER	2		NOT NULL	Method Code
2	METHN	CHAR	80		NULL	Method Name

**Table DEFORGCAT - Organic Category Codes
(Primary Key: ORGCAT + ORGPROF)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	ORGCAT	NUMBER	4		NOT NULL	Organic Category Code Range: 0 - 9999
2	ORGPROF	NUMBER	5		NOT NULL	Organic Profile Code Domain: Table ORGPROFILE

**Table DEFPRORIG - Process Rate Origin Codes and Names
(Primary Key: PRORIG)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	PRORIG	NUMBER	3		NOT NULL	Process Rate Origin Code
2	PRORIGN	CHAR	60		NULL	Process Rate Origin Name

**Table DEFPRUN - Process Rate Unit Codes and Names
(Primary Key: PRUNITS)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	PRUNITS	NUM	4		NOT NULL	Process Rate Unit Code
2	PRUN	CHAR	30		NULL	Process Rate Unit Name

**Table DEFREACT - Substance Reactivity Codes
(Primary Key: DMS)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	DMS	CHAR	8		NOT NULL	Detailed Model Species Code Domain: Table REACT
2	SAROAD	NUMBER	5		NULL	Saroad Code Domain: Table POLLUTANT
3	OGID	CHAR	8		NULL	Organic Gas ID
4	ADDRACTDAT	DATE	8		NULL	Date Added to Reactivity Table
5	DRPRACTDAT	DATE	8		NULL	Date Dropped from Reactivity Table
6	CHGRACTDAT	DATE	8		NULL	Date Changed on Reactivity Table
7	DELRACT	CHAR	1		NULL	Subst. Deleted from Reactivity Table Domain: Y - Yes N - No

**Table DEFREASCH - Reason For Emission Change Codes and Names
(Primary Key: REASCH)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	REASCH	NUMBER	2		NOT NULL	Reason Emission Changed Code Range: 0 - 99
2	REASCHN	CHAR	80		NULL	Reason for Change Description

**TABLE DEFSCC3EIC - MAPPING OF SCC3 TO EIC FOR REPORTING PURPOSES
(PRIMARY KEY: SCC3 + EIC)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SCC3	NUMBER	3		NOT NULL	First 3 Digits of SCC
2	EIC	NUMBER	14		NOT NULL	EIC to be used

**Table DEFWARNCODES - Warning Codes and Descriptions
(Primary Key: WARN CODE)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	WARN_CODE	NUMBER	3		NOT NULL	Warning Code
2	WARN_CODEN	CHAR	70		NULL	Warning Code Name/Description

**Table EIC - Emission Inventory Codes
(Primary Key: EIC)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EIC	NUMBER	14		NOT NULL	Emission Inventory Code Range: 0 – 99999999999999
2	EICN	CHAR	80		NULL	EIC Name for Area source Categories
3	EPA_AMS	CHAR	10		NULL	EPA Area and Mobile Source SCC Code
4	EICSUM	NUMBER	3		NOT NULL	Summary Category Code Domain: Table DEFEICSUM
5	EICSUMN	CHAR	60		NULL	Summary Category Name
6	EICSOU	NUMBER	3		NOT NULL	Source Category Code Domain: Table DEFEICSOU
7	EICSOUN	CHAR	60		NULL	Source Category Name
8	EICMAT	NUMBER	4		NOT NULL	Materials Description Code Domain: Table DEFEICMAT
9	EICMATN	CHAR	60		NULL	Name of Material
10	EICSUB	NUMBER	4		NOT NULL	Emission Sub-category Code Domain: Table DEFEICSUB
11	ICSUBN	CHAR	60		NULL	Emission Sub-category Name
12	EIC1	NUMBER	1		NOT NULL	First Digit of EIC Domain: Table DEFEIC1
13	EIC1N	CHAR	40		NULL	Name of First Digit of EIC
14	DIS_UPD_AUTH	CHAR	1		NULL	District Authority to Update A - ARB Update Only of ARB Category D - District or ARB Update of District Category B - Both ARB and District Allowed to Update ARB Category

Table EIC - Emission Inventory Codes (Cont.)
(Primary Key: EIC)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
15	ECONSECT	CHAR	1		NULL	Economic Sector Domain: I - Industrial P - Petroleum Industry T - Transportation A - Agriculture C - Consumer N - Natural
16	T25CAT	NUMBER	2		NULL	Domain: Table DEFT25CAT
17	METH_URL	CHAR	120		NULL	Methodology Links (URL)

Table EQSIZEUNIT - Equipment Size Units
(Primary Key: EQUNITC)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EQUNITC	NUMBER	5		NOT NULL	Equipment Size Units Code Range: 1 - 99999
2	EQUNITS	CHAR	30		NULL	Equipment Size Units

Table EQTYPE - Equipment Type
(Primary Key: EQTYPEC)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	EQTYPEC	NUMBER	5		NOT NULL	Equipment Type Code
2	EQTYPE	CHAR	80		NULL	Equipment Type Description

Table NAICS – North American Industrial Classification Code
(Primary Key: NAICS)

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	NAICS	CHAR	6		NOT NULL	North American Industrial Classification
2	NAICS2	CHAR	2		NULL	First Two Digits of NAICS Range: 0 - 99
3	NAICS3	CHAR	3		NULL	First Three Digits of NAICS Range: 0 – 999
4	NAICS4	CHAR	4		NULL	First Four Digits of NAICS Range: 0 - 9999
5	NAICS5	CHAR	5		NULL	First Five Digits of NAICS Range: 0 – 99999
6	NAICSU	DATE	8		NULL	Date and Time of Last Update
7	NAICSN	CHAR	80		NULL	Short NAICS Name
8	NAICS2N	CHAR	80		NULL	Name of First 2 NAICS Digits - Sector
9	NAICS3N	CHAR	90		NULL	Name of First 3 NAICS Digits – Sub-Sector
10	NAICS4N	CHAR	110		NULL	Name of First 4 NAICS Digits – Industry Group

**Table NAICS – North American Industrial Classification Code (Cont.)
(Primary Key: NAICS)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
11	NAICS5N	CHAR	110		NULL	Name of First 5 NAICS Digits – Industry
12	NAICS6N	CHAR	120		NULL	Name of All 6 NAICS Digits – U.S. Industry
13	NAICSCRE	DATE	8		NULL	Date NAICS Was Created
14	NAICSDEL	DATE	8		NULL	Date NAICS Was Deleted
15	DELNAICS	CHAR	1		NULL	NAICS Deleted Range: D - Deleted Null - Not Deleted

**Table SCC - Source Classification Codes
(Primary Key: SCC)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SCC	NUMBER	14		NOT NULL	Source Classification Code or Range: 0 - 99999999999999
2	SCC3	NUMBER	3		NULL	First Three Digits of SCC Range: 0 - 999
3	SCC6	NUMBER	6		NULL	First Six Digits of SCC Range: 0-999999
4	COE	NUMBER	9	4	NULL	CO Emission Factor (Lbs/Unit) Range: 0-99999.9999
5	NOXE	NUMBER	9	4	NULL	NOX Emission Factor (Lbs/Unit) Range: 0 - 99999.9999
6	SOXE	NUMBER	9	4	NULL	SOX Emission Factor (Lbs/Unit) Range: 0 - 99999.9999
7	VOCE	NUMBER	10	4	NULL	VOC Emission Factor (Lbs/Unit) Range: 0 - 9999999.9999
8	PME	NUMBER	9	4	NULL	PM Emission Factor (Lbs/unit) Range: 0 - 99999.9999 Domain: Table DEFEAM
9	SCCIN	CHAR	20		NULL	Name of First SCC Digit
10	SCC3N	CHAR	20		NULL	Name of First 3 SCC Digits
11	SCC6N	CHAR	20		NULL	Name of First 6 SCC Digits
12	SCC8N	CHAR	20		NULL	Name of All 8 SCC Digits
13	SCCD	CHAR	11		NULL	SCC Code with Dashes Inserted Range: 0-00-000-00 - 9-99-999-99
14	SCCUN	CHAR	25		NULL	SCC Units
15	RESPAG	CHAR	1		NULL	Agency Responsible for Area Estimate Domain: A - ARB D - District
16	SCCU	DATE	8		NULL	Date and Time of Last Update
17	SCCCRE	DATE	8		NULL	Date SCC Was Created by EPA
18	SCCDEL	DATE	8		NULL	Date SCC Was Deleted by EPA
19	DELSCC	CHAR	1		NULL	SCC Deleted by EPA Domain: D - Deleted Null - Not Deleted

**Table SIC - Standard Industrial Classification
(Primary Key: SIC)**

<u>COL</u>	<u>COL NAME</u>	<u>COL TYPE</u>	<u>WIDTH</u>	<u>DEC</u>	<u>NULLS</u>	<u>DESCRIPTION</u>
1	SIC	NUMBER	14		NOT NULL	Standard Industrial Classification Code or Emission
2	SIC2	NUMBER	2		NULL	First Two Digits of SIC Range: 0 - 99
3	SIC3	NUMBER	3		NULL	First Three Digits of SIC Range: 0 - 999
4	SICU	DATE	8		NULL	Date and Time of Last Update
5	SICN	CHAR	30		NULL	Short SIC Name
6	SIC2N	CHAR	30		NULL	Name of First 2 SIC Digits
7	SIC3N	CHAR	30		NULL	Name of First 3 SIC Digits
8	SIC4N	CHAR	30		NULL	Name of All 4 SIC Digits
9	SICCRE	DATE	8		NULL	Date SIC Was Created
10	SICDEL	DATE	8		NULL	Date SIC Was Deleted
11	DELSIC	CHAR	1		NULL	SIC Deleted Range: D - Deleted Null - Not Deleted