

California Emission Inventory Development and Reporting System 2.5 (CEIDARS2.5) Transaction Format

This document specifies the CEIDARS2.5 Transaction Format for transferring emission inventory data between local Air Quality Management Districts/Air Pollution Control Districts and the Air Resources Board (ARB).

CEIDARS2.5 transactions are in an ASCII comma delimited format whereby each field is separated by a comma delimiter. Numeric fields need not be enclosed in double quotes, but all character fields should be enclosed in double quotes to avoid problems where commas may be used within the data.

There are thirteen types of transactions: one each for transferring facility, facility risk, stack, device, process, emission, excess emission, supplemental, building, building point, property, property data, and receptor data. Facility risk transaction can be used independently to submit facility risk data. These transactions are identified by the **TRANS_ID**, the first field of each transaction. The primary means of transfer between the districts and the ARB will be through networked file transfer or via floppy disks.

This document specifies the positions, names, types, maximum widths, and number of decimal places for each field in the transactions. Each field can be one of the three following types: character, integer, or floating point. Character (CHAR) fields are alphanumeric and can contain any letters and/or numbers combination. Integer (Int) fields allow whole number without decimal points. Use of decimal values in an integer field may result in a number being rounded, truncated, or rejected depending upon the program used. Floating point (float) fields allow numbers with or without decimal points. In addition, floating point fields allow the use of scientific notation (e.g., 0.00135 can be represented as "1.35E-03"). Numbers longer than specified widths will likely cause the transaction to be rejected. For example, the UE field for the FACILITY table specifies a width of 6 and a decimal of 3, so the maximum allowable value is 999.999.

An asterisk under the column "Requirement" denotes a **REQUIRED FIELD** on the transaction. If it is not filled in, the transaction will be rejected. Of the required fields, the TDATE field is especially important because it allows ARB staff to track and differentiate between multiple inventory submittals from a given district. The TDATE field on each transaction should specify the date the transaction batch was generated. The basis for requesting the other fields are specified by the following codes:

| | |
|-------|--|
| * | CEIDARS Required field |
| CERR: | US EPA Consolidated Emission Reporting Rule (CERR) |
| NEI: | US EPA National Emission Inventory (NEI) |
| CH: | Community Health Air Pollution Information System (CHAPIS) |
| HOT: | AB2588 and Fee Regulation documentation |
| HARP: | Health Risk Assessment Program (using HARP) |
| SIP: | State Implementation Plan (SIP) |
| CEI: | CEIDARS and CEIDARS Facility Search Engine |
| All: | All of the above Programs |

Important: To import data into CEIDARS, the system will need to know which version of CEIDARS the data represent. Therefore, the first field on the first line of the transaction should contain the word “CEIDARS25”. Any other fields can be appended to this line and should be separated by a comma.

Facility Transactions

| Field | Position | Field | Type | Requirement | Width | Dec | Description |
|-------|----------|--------------|--------|-------------|-------|-----|--|
| | 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'FAC' |
| | 2 | CO | Number | * | 2 | | County Number |
| | 3 | FACID | Number | * | 9 | | Facility ID |
| | 4 | AB | Char | * | 3 | | Air Basin |
| | 5 | DIS | Char | * | 3 | | District |
| | 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| | 7 | FNAME | Char | All | 60 | | Name of Facility at Location |
| | 8 | FSTREET | Char | All | 60 | | Street Address Where Facility is Located |
| | 9 | FCITY | Char | All | 20 | | City Where Facility is Located |
| | 10 | FZIP | Int | All | 5 | | Facility Zip Code |
| | 11 | FZIPEXT | Int | CERR,NEI | 4 | | Facility Zip Code Extension |
| | 12 | PCONTACT | Char | NEI | 24 | | Phone Contact Person |
| | 13 | AREAC | Int | NEI | 3 | | Telephone Area Code |
| | 14 | PHONE | Int | NEI | 7 | | Telephone Number |
| | 15 | FSIC | Int | * | 4 | | Facility SIC Code – Domain: Table SIC |
| | 16 | FNAICS | Char | CERR, NEI | 6 | | Facility North American Industry Classification Domain: Table NAICS |
| | 17 | NEMP | Int | CEI | 5 | | Number of Employees |
| | 18 | MNAME | Char | NEI | 60 | | Company Name for Mailing Purposes |
| | 19 | MSTREET | Char | NEI | 60 | | Company Mailing Street |
| | 20 | MCITY | Char | NEI | 20 | | Company Mailing City |
| | 21 | MSTATE | Char | NEI | 2 | | Company Mailing State |
| | 22 | MZIP | Int | NEI | 5 | | Mail Zip Code |
| | 23 | MZIPEXT | Int | NEI | 4 | | Mail Zip Code Extension |
| | 24 | MCONTACT | Char | NEI | 24 | | Mail Contact Person |
| | 25 | AQCR | Int | CEI | 2 | | EPA Air Quality Control Region |
| | 26 | FACSUBCO | Char | NEI | 4 | | Facility Sub-County ID – Domain: Table SUBCO |
| | 27 | CODESIG | Char | SIP | 1 | | Area Designation for CO Domain: A – Attainment N – Non-attainment T – Non-attainment – Transitional U - Unclassified |
| | 28 | NO2DESIG | Char | SIP | 1 | | Area Designation for NO2 Domain: as in CODESIG |
| | 29 | OZDESIG | Char | SIP | 1 | | Area Designation for Ozone Domain: as in CODESIG |
| | 30 | PMDESIG | Char | SIP | 1 | | Area Designation for Particulate Matter Domain: as in CODESIG |
| | 31 | SO2DESIG | Char | SIP | 1 | | Area Designation for SO2 Domain: as in CODESIG |
| | 32 | FAC_PHASE | Char | HOT | 2 | | Phase Facility Brought into AB2588 Program Domain: P1 – 1 st phase, >=25 TPY or Toxic Inv. Fac. P2 - 2 rd phase, >=10 TPY & 25 TPY Fac. P3 – 3 rd phase, <10 TPY Fac. |
| | 33 | FAC_FORECAST | Char | CEI | 1 | | Facility Used for Forecasting Purposes |
| | 34 | PRIORITY | Char | HOT | 1 | | Priority for Hot Spots Risk Level Domain: H – High I – Intermediate L – Low |

| Field | Position | Field | Type | Requirement | Width | Dec | Description |
|-------|----------|--------------|--------|-------------|-------|-----|--|
| | 35 | INDUSTRYWIDE | Char | HOT | 1 | | Included in Industry Wide |
| | 36 | FACD1 | Char | | 9 | | Reserved for District Use |
| | 37 | FACD2 | Char | | 9 | | Reserved for District Use |
| | 38 | FRS_ID | Char | CEI | 12 | | EPA Facility Registry System Identification |
| | 39 | FAC_LOC_ONLY | Char | CH | 1 | | Facility Location Only? Domain Y/N |
| | 40 | CERR_CODE | Char | CERR | 1 | | CERR Program Status. Domain A/B/NULL |
| | 41 | COORD_SYS | Char | All | 3 | | Coordinate System Used Domain: DD - Decimal degrees TA - Teale Albers, meters U10 - UTM10, kilometers U11 - UTM11, kilometers |
| | 42 | DATUM | Char | All | 5 | | Type of Datum Used Domain: NAD27 – North American Datum 1927 NAD83 – North American Datum 1983 WGS84 – World Geodetic System 1984 |
| | 43 | SPHEROID | Char | All | 10 | | Shape Used for Ellipsoidal Earth Domain: Clarke1866 – Clark 1866 GRS80 – Geodetic Reference System 1980 WGS84 – World Geodetic System 1984 WGS72 – World Geodetic System 1972 |
| | 44 | X_USERCOORD | Number | All | 12 | 6 | X (East) User Coordinate in COORD_SYS Units |
| | 45 | Y_USERCOORD | Number | All | 14 | 6 | Y (North) User Coordinate in COORD_SYS Units |
| | 46 | LOC_METH | Char | All | 3 | | Method of Collecting Coordinate Location Data Domain: Table DEFLOCATION |
| | 47 | SMALL_COMM | Char | CH | 1 | | 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.) |
| | 48 | FAC_UPDATE | Char | All | 6 | | Updating Code Domain: SIP - SIP facility ANN – Annual Update CHS – CHAPIS Update AB2588 – AB2588 Update ALM – Almanac Update |
| | 49 | CHAPIS | Char | CH, CEI | 1 | | CHAPIS Facility? Domain Y/N |
| | 50 | MAINTAINED | Char | CEI | 1 | | Is Facility Agreed to be Regularly maintained by District (e.g., more frequently than 4-year Hot Spots cycle updates)? |
| | 51 | VINTAGE_EMS | Int | CH, CEI | 4 | | Year of Emissions Data (YYYY) |
| | 52 | MEMO_FAC | Char | | 80 | | Comments on Facility [District option] |
| | 53 | FACU_D | Date | CEI | 8 | | District Updated Date (YYYYMMDD) |
| | 54 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| | 55 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Facility Risk Transaction

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|-------------------|---------------|--------|-----------------|-------|-----|--|
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'RSK' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | FEE_CAT | Char | HOT | 1 | | Toxic Program Status Domain: A – Prioritization score > 10 B – HRA >= 10 and less than 50 C – HRA >= 50 and less than 100 D – HRA >= 100 E – Unprioritized (new facility) F – HRA and less than 10 G – Exempt H – Exempt, HRA < 1 M – Out, de minimis O – Out of business P – Exempt, prioritization score <= 1 U – District update facility – Prioritization score greater than 1 and > 10.0 |
| 8 | EXEMPT | Char | HOT | 50 | | Exemption Status and Reason |
| 9 | VINTAGE_RISK | Int | CEI, CH, HOT | 4 | | Year of Risk Data (YYYY) |
| 10 | VINTAGE_PS | Int | CEI, CH, HOT | 4 | | Year of Prioritization Score (YYY) |
| 11 | SMALL_BUS | Char | HOT | 1 | | Is facility a small business? |
| 12 | SIC_FEEREG | Int | HOT | 4 | | SIC Code for facility in Fee Regulation |
| 13 | NUM_SCC | Number | HOT | 3 | | Number of SC used by facility |
| 14 | PROXIMITY | Number | HOT | 9 | 2 | Receptor Proximity, meters |
| 15 | CANCEREPP | Number | CEI, HOT | 8 | 2 | Cancer Priority Score, Emissions and Potency Procedure |
| 16 | NONCANCEREPP | Number | CEI, HOT | 7 | 2 | Non-cancer Priority Score, Emissions and Potency Procedure |
| 17 | ACUTEPEPP | Number | CEI, HOT | 7 | 2 | Acute Priority Score, Emissions and Potency Procedure |
| 18 | CHRONICEPP | Number | CEI, HOT | 7 | 2 | Chronic Priority Score, Emissions and Potency Procedure |
| 19 | CANCERDAP | Number | CEI, HOT | 8 | 2 | Cancer Priority Score, Dispersion Adjustment Procedure |
| 20 | NONCANCERDAP | Number | CEI, HOT | 7 | 2 | Non-cancer Priority Score, Dispersion Adjustment Procedure |
| 21 | ACUTEDAP | Number | CEI, HOT | 7 | 2 | Acute Priority Score, Dispersion Adjustment Procedure |
| 22 | CHRONICDAP | Number | CEI, HOT | 7 | 2 | Chronic Priority Score, Dispersion Adjustment Procedure |
| 23 | TS | Number | CEI, HOT | 8 | 2 | Total Priority Score |
| 24 | PRIORITY_MULT | Number | HOT | 6 | 2 | Priority Multiplier |
| 25 | HRA_CAN | Number | CH, HOT | 7 | 2 | Health Risk Assessment Cancer Risk |
| 26 | CHRONIC_HI | Number | CH, HOT | 7 | 2 | Chronic Hazard Index |
| 27 | ACUTE_HI | Number | CH, HOT | 7 | 2 | Acute Hazard Index |

| Field | | | | | | |
|-----------------|--------------|-------------|--------------------|--------------|------------|-----------------------------|
| Position | Field | Type | Requirement | Width | Dec | Description |
| 28 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 29 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Stack Transactions

| Field | | | | | | |
|-----------------|--------------|-------------|--------------------|--------------|------------|---|
| Position | Field | Type | Requirement | Width | Dec | Description |
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'STK' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | STK | Int | * | 6 | | Stack ID |
| 8 | STKNAME | Char | | 60 | | Stack Name (Optional) |
| 9 | STKHT | Number | CERR, HARP | 8 | 4 | Stack Height (Feet) |
| 10 | STKDIAM | Number | CERR, HARP | 4 | 1 | Stack Diameter at Exit (feet) |
| 11 | GT | Number | CERR, HARP | 5 | 1 | Actual Gas Temp at Exit (Deg F) |
| 12 | GF | Number | CERR, HARP | 10 | 2 | Actual Gas Flow (CFM) |
| 13 | GV | Number | CERR, HARP | 8 | 2 | Actual Gas Velocity at Exit (Ft/min) |
| 14 | COORD_SYS | Char | All | 3 | | Coordinate System Used Domain: DD - Decimal degrees TA - Teale Albers, meters U10 - UTM10, kilometers U11 - UTM11, kilometers |
| 15 | DATUM | Char | All | 5 | | Type of Datum Used Domain: NAD27 - North American Datum 1927 NAD83 - North American Datum 1983 WGS84 - World Geodetic System 1984 |
| 16 | SPHEROID | Char | All | 10 | | Shape Used for Ellipsoidal Earth Domain: Clarke1866 GRS80 WGS84 WGS72 |
| 17 | X_USERCOORD | Number | All | 12 | 6 | X (East) User Coordinate in COORD_SYS Units |
| 18 | Y_USERCOORD | Number | All | 14 | 6 | Y (North) User Coordinate in COORD_SYS Units |
| 19 | LOC_METH | Char | All | 3 | | Method of Collecting Data Domain: Table DEFLOCATION |
| 20 | ELEV | Number | HOT | 7 | 2 | Elevation in Feet |
| 21 | SRCTYP | Char | HARP | 7 | | Type of Release, as specified in ISC: POINT, VOLUME, AREA, or OPENPIT |
| 22 | SYINIT | Number | HARP | 7 | 2 | Initial Lateral Dimension of Volume Release, Feet |
| 23 | SZINIT | Number | HARP | 7 | 2 | Initial Vertical Dimension of Volume or Area Release (Optional for Area), feet |
| 24 | XINIT | Number | HARP | 7 | 2 | Square Length or Rectangular Side of Area Release, feet |

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|----------------|-----------|--------|-------------|-------|-----|--|
| 25 | YINIT | Number | HARP | 7 | 2 | Rectangular Side of Area or Open Pit Release (Optional for Area), feet |
| 26 | ANGLE | Number | HARP | 5 | 2 | Angle of Area or Open Pit Source, degree (Optional) |
| 27 | PITVOL | Number | HARP | 15 | 2 | Volume of Open Pit Source, ft ³ |
| 28 | ISDEFAULT | Char | HARP | 2 | | Code to indicate Stack Data are default |
| 29 | MEMO_STK | Char | | 80 | | Comment on Stack [District option] |
| 30 | STKU_D | Date | | 8 | | District Updated Date (YYYYMMDD) |
| 31 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 32 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Device Transactions

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|----------------|-----------|--------|-------------|-------|-----|---|
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'DEV' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | DEV | Int | * | 6 | | Device ID |
| 8 | DEVNM | Char | NEI | 40 | | Local Name of this Device |
| 9 | PERID | Char | NEI | 32 | | Local Permit ID |
| 10 | NUMDEV | Int | NEI | 5 | | Number of Devices Represented |
| 11 | EQSIZE | Number | CEI | 10 | 1 | Equipment Size Range 0 – 999999.9 |
| 12 | EQSIZE_CF | Char | CEI | 1 | | Equipment Size Confidential Flag |
| 13 | EQUNITC | Int | CEI | 5 | | Equipment Size Units Code Domain: Table EQSIZEUNIT |
| 14 | EQYPEC | Int | CEI | 5 | | Equipment Type Code Domain: Table EQYPEC |
| 15 | DEVSUBCO | Char | CEI | 4 | | Sub-County Indicator Domain: Table SUBCO |
| 16 | SECT | Int | | 2 | | Section. Range: 1 - 36 |
| 17 | TWNSHP | Int | | 2 | | Township. Range 1 – 50 |
| 18 | TWNSHPB | Char | | 1 | | Township Base Domain: N – North S - South |
| 19 | RANGE | Int | | 2 | | Range. Range 1 – 50 |
| 20 | RANGEB | Char | | 1 | | Range Base Domain: E – East W – West |
| 21 | DEVD1 | Char | | 40 | | Reserved for District Use |
| 22 | DEVD2 | Char | | 40 | | Reserved for District Use |
| 23 | DEVCAP | Number | | 10 | 3 | Device Output Capacity in MegaWatt |
| 24 | MEMO_DEV | Char | | 80 | | Comments on Device Information [District option] |
| 25 | DEVU_D | Date | | 8 | | District Updated Date (YYYYMMDD) |
| 26 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 27 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Process Transactions

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|-------------------|-------------|--------|-------------------|-------|-----|---|
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'PRO' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | DEV | Int | * | 6 | | Device ID |
| 8 | PROID | Number | * | 14 | | Process ID Domain: If FACID > 0, 1 – 99 Else Table EIC |
| 9 | PRDESC | Char | CEI | 60 | | Process Description |
| 10 | SCC | Number | * | 14 | | SCC or EIC If FACID > 0 Table SCC Else Table EIC |
| 11 | SIC | Number | CEI | 14 | | Standard Industrial Classification or EIC Domain: If FACID > 0 Table SIC Else Table EIC |
| 12 | NAICS | Char | CERR, NEI, CEI | 6 | | NAICS Code Domain: Table NAICS |
| 13 | PR | Float | CERR, NEI, CEI | 11 | | Process Rate in SCC Units |
| 14 | PRUNITS | Int | CERR, NEI, CEI | 4 | | Process Rate Unit Code |
| 15 | UPR | Float | CEI | 12 | 1 | Unreconciled Process Rate |
| 16 | MAXHR_PR | Float | CEI | 9 | | Maximum Hourly Process Rate |
| 17 | MAXD | Number | CEI | 9 | 3 | Maximum Design Rate |
| 18 | HEAT | Number | CERR, NEI | 8 | 3 | Heat Content in Million BTU per SCC Unit |
| 19 | ASH | Number | CERR, NEI | 4 | 2 | Ash Content, Weight Percent |
| 20 | S | Number | CERR, NEI, CEI | 3 | 2 | Percent Fuel Sulfur Content, Range 0 – 3.00 |
| 21 | PRORIG | Int | CEI | 3 | | Process Rate Origin Code |
| 22 | PRREL | Int | CEI | 3 | | Process Rate Reliability |
| 23 | STK | Int | CEI | 6 | | Stack ID |
| 24 | HPDY | Int | CERR, NEI, CEI | 2 | | Operating Hours per Day Daily Domain: Table DEFHPDY |
| 25 | DPWK | Int | CERR, NEI, CEI | 2 | | Operating Days per Week Domain: Table DEFDPWK |
| 26 | WPYR | Int | CERR, NEI, CEI | 2 | | Operating Weeks per Year |
| 27 | YREST | Int | CERR, NEI, CEI | 4 | | Year of Process/Emission Estimate Made |
| 28 | PROD1 | Char | | 40 | | Reserved for District Use |
| 29 | PROD2 | Char | | 40 | | Reserved for District Use |
| 30 | PR_FORECAST | Char | CEI | 1 | | Process Specific Forecast Indicator |
| 31 | CONF | Char | CEI | 1 | | Confidential Process Data |
| 32 | JANT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for January |
| 33 | FEBT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for February |
| 34 | MART | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for March |

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|-------------------|-----------|--------|-------------------|-------|-----|--|
| 35 | APRT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for April |
| 36 | MAYT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for May |
| 37 | JUNT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for June |
| 38 | JULT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for July |
| 39 | AUGT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for August |
| 40 | SEPT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for September |
| 41 | OCTT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for October |
| 42 | NOVT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for November |
| 43 | DECT | Number | CERR, NEI, CEI | 4 | 1 | Percent Activity for December |
| 44 | SPATIAL | Char | CEI | 8 | | Spatial Distribution Parameter |
| 45 | SEST | Char | CEI | 6 | | Agency Making Area Estimate |
| 46 | PRUP | Date | CEI | 8 | | Date of Last Process Rate Update |
| 47 | OUTPUT | Number | CEI | 10 | 2 | Process Rate Output in MegaWatt |
| 48 | MEMO_PR | Char | | 80 | | Process Information Memo |
| 49 | ISDEFAULT | Char | All | 2 | | Code to Indicate Link to Stack/Release ID is default |
| 50 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 51 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Emission Transactions

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|-------------------|----------|--------|-------------------|-------|-----|---|
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'EMS' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | DEV | Int | * | 6 | | Device ID |
| 8 | PROID | Number | * | 14 | | Process ID Domain: If FACID > 0, 1 – 99 Else Table EIC |
| 9 | POL | Int | * | 9 | | Pollutant Code. Domain: Table POLLUTANT |
| 10 | UEMFACT | Float | CERR, NEI, CEI | 10 | | Uncontrolled Emission Factor |
| 11 | CNTL1 | Int | CERR, NEI, CEI | 3 | | Primary Pol. Control Device Code |
| 12 | CNTL2 | Int | CERR, NEI, CEI | 3 | | Secondary Pol. Control Device Code |
| 13 | CNTLEFF | Number | CERR, NEI, CEI | 4 | 1 | Control Efficiency (Percent) |

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|-------------------|--------------|--------|-------------------|-------|-----|---|
| 14 | EMFACT | Float | CERR, NEI, CEI | 10 | | Emission Factor (Lbs/SCC Units) |
| 15 | EMORIG | Int | CEI | 3 | | Emission Factor Origin Code |
| 16 | EMREL | Int | CEI | 3 | | Emission Factor Reliability |
| 17 | CR_FLAG | Int | CEI | 1 | | Status of ROG/TOG/VOC/PM10/PM2.5 Domain: 0 – Original Record 1 – Calculation from PM/TOG 2 – Calculation from PM10/ROG 3 – Calculation from PM2.5/VOC |
| 18 | EMS | Float | * | | | Annual Emissions Units: Tons per year for criteria Pollutants Lbs per year for toxics Curies per year for Radionuclides |
| 19 | HRMAXEMS | Float | HARP | | | Maximum Hourly Emissions |
| 20 | METH | Int | HOT | 2 | | Emission Calculation Method Code Domain: Table DEFMETH |
| 21 | REASCH | Int | CEI | 4 | | Vintage of Emissions |
| 22 | EXEMS | Float | CEI | | | Total Excess Emissions |
| 23 | UNREMS | Float | CEI | 9 | 1 | Unreconciled Emissions (Tons/year) |
| 24 | POTENTIAL | Number | CEI | | | Potential Emissions for District's Use |
| 25 | EMS_FORECAST | Char | CEI | 1 | | Pollutant Specific Forecast Indicators |
| 26 | EMSUP | Date | CEI | 8 | | Date of Last EMS update by District |
| 27 | MAINTAINED | Char | All | 1 | | Flag to Indicate Whether the Emissions for this Pollutant are Agreed to be regularly Maintained by the District |
| 28 | MEMO_EMS | Char | | | 80 | Comments on Emission Information [District option] |
| 29 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 30 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Excess Emission Transactions

| Field Position | Field | Type | Requirement | Width | Dec | Description |
|-------------------|----------|--------|-------------|-------|-----|--------------------------------------|
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'EXC' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | DEV | Int | * | 6 | | Device ID |
| 8 | PROID | Number | * | 14 | | Process ID |
| 9 | POL | Int | * | 9 | | Pollutant Code |
| 10 | EXTYPE | Int | * | 3 | | Type of Excess Emissions Code |
| 11 | EXQTR | Int | * | 1 | | Quarter of Year of Excess Emissions |
| 12 | EXYR | Int | * | 4 | | Calendar Year of Excess Emissions |
| 13 | EXCESS | Float | * | | | Excess Emissions |
| 14 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 15 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Supplemental Transactions

| Field | | | | | | |
|----------|-------------|--------|-------------|-------|-----|--------------------------------------|
| Position | Field | Type | Requirement | Width | Dec | Description |
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'SUP' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | POL | Int | * | 9 | | Pollutant Code |
| 8 | USED | Char | | 1 | | Is this Substance Used? |
| 9 | PRODUCED | Char | | 1 | | Is this Substance Present? |
| 10 | PRESENT | Char | | 1 | | Is this Substance Otherwise Present? |
| 11 | HOW_PRESENT | Char | | 39 | | How Substance Is Otherwise Present |
| 12 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 13 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Building Transactions

| Field | | | | | | |
|----------|-------------|--------|-------------|-------|-----|--|
| Position | Field | Type | Requirement | Width | Dec | Description |
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'BLD' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | ID | Int | * | 5 | | Building ID |
| 8 | TIER | Int | * | 5 | | Tier ID |
| 9 | DESCRIPTION | Char | HARP | 80 | | Building Description |
| 10 | HEIGHT | Number | HARP | 5 | 2 | Building Height from Ground Level, Meters |
| 11 | ELEVATION | Number | HARP | 7 | 2 | Elevation of Base of Building, Feet |
| 12 | NPTS | Int | HARP | 2 | | Number of Vertex Points |
| 13 | ISDEFAULT | Char | HARP | 2 | | Code to indicate Building Data are Default |
| 14 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 15 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Building Point Transactions

| Field | | | | | | |
|----------|-----------|--------|-------------|-------|-----|--|
| Position | Field | Type | Requirement | Width | Dec | Description |
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'BLP' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | ID | Int | * | 5 | | Building ID |
| 8 | TIER | Int | * | 5 | | Tier ID |
| 9 | POINTID | Int | * | 5 | | Vertex Point ID |
| 10 | PLOTORDER | Int | HARP | 5 | | Plot Order |
| 11 | UTME | Number | HARP | 9 | 2 | UTM East Offset In Meters, Relative to Facility |
| 12 | UTMN | Number | HARP | 10 | 2 | UTM North Offset In Meters, Relative to Facility |
| 13 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 14 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Property Transactions

| Field | | | | | | |
|----------|-------------|--------|-------------|-------|-----|--|
| Position | Field | Type | Requirement | Width | Dec | Description |
| 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'PRT' |
| 2 | CO | Number | * | 2 | | County Number |
| 3 | FACID | Number | * | 9 | | Facility ID |
| 4 | AB | Char | * | 3 | | Air Basin |
| 5 | DIS | Char | * | 3 | | District |
| 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| 7 | ID | Int | * | 5 | | Property ID |
| 8 | DESCRIPTION | Char | HARP | 80 | | Property Description |
| 9 | NPTS | Int | HARP | 5 | | Number of Vertex Points |
| 10 | ISDEFAULT | Char | HARP | 2 | | Code to indicate Property Data are Default |
| 11 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 12 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Property Point Data Transactions

| Field | Position | Field | Type | Requirement | Width | Dec | Description |
|-------|----------|-----------|--------|-------------|-------|-----|--|
| | 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'PRP' |
| | 2 | CO | Number | * | 2 | | County Number |
| | 3 | FACID | Number | * | 9 | | Facility ID |
| | 4 | AB | Char | * | 3 | | Air Basin |
| | 5 | DIS | Char | * | 3 | | District |
| | 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| | 7 | ID | Int | * | 5 | | Property ID |
| | 8 | POINTID | Int | * | 5 | | Vertex Point ID |
| | 9 | PLOTORDER | Int | HARP | 5 | | Plot Order |
| | 10 | UTME | Number | HARP | 9 | 2 | UTM East Offset In Meters, Relative to Facility |
| | 11 | UTMN | Number | HARP | 10 | 2 | UTM North Offset In Meters, Relative to Facility |
| | 12 | ELEVATION | Number | HARP | 7 | 2 | Elevation, Feet |
| | 13 | OPERATOR | Char | CEI | 3 | | Operator Initials |
| | 14 | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |

Receptor Transactions

| Field | Position | Field | Type | Requirement | Width | Dec | Description |
|-------|----------|-----------|--------|-------------|-------|-----|---|
| | 1 | TRANS_ID | Char | * | 3 | | Transaction ID: 'RCP' |
| | 2 | CO | Number | * | 2 | | County Number |
| | 3 | RECID | Number | * | 10 | | Receptor ID |
| | 4 | AB | Char | * | 3 | | Air Basin |
| | 5 | DIS | Char | * | 3 | | District |
| | 6 | ACTION | Char | * | 1 | | Action: (A)dd, (C)hange, or (D)elete |
| | 7 | RECGROUP | Char | * | 8 | | Receptor Group |
| | 8 | RECNAME | Char | HARP | 50 | | Receptor Name |
| | 9 | RECTYPE | Char | HARP | 8 | | Receptor Type |
| | 10 | POPRES | Number | HARP | 6 | | Resident Population |
| | 11 | POPWORK | Number | HARP | 6 | | Worker Population |
| | 12 | ELEV | Number | HARP | 7 | 2 | Elevation in feet |
| | 13 | COORD_SYS | Char | All | 3 | | Coordinate System Used Domain: DD - Decimal degrees TA - Teale Albers, meters U10 - UTM10, kilometers U11 - UTM11, kilometers |
| | 14 | DATUM | Char | All | 5 | | Type of Datum Used Domain: NAD27 – North American Datum 1927 NAD83 – North American Datum 1983 WGS84 – World Geodetic System 1984 |

| Field | Position | Field | Type | Requirement | Width | Dec | Description |
|--------------|-----------------|--------------|-------------|--------------------|--------------|------------|--|
| 15 | | SPHEROID | Char | All | 10 | | Shape Used for Ellipsoidal Earth Domain: Clarke1866 – Clark 1866 GRS80 – Geodetic Reference System 1980 WGS84 – World Geodetic System 1984 WGS72 – World Geodetic System 1972 |
| 16 | | X_USERCOORD | Number | All | 12 | 6 | X (East) User Coordinate in COORD_SYS Units |
| 17 | | Y_USERCOORD | Number | All | 13 | 6 | Y (North) User Coordinate in COORD_SYS Units |
| 18 | | LOC_METH | Char | All | 3 | | Method of Collecting Coordinate Location Data Domain: Table DEFLOCATION |
| 19 | | OPERATOR | Char | CEI | 3 | | Operator Initials |
| 20 | | TDATE | Date | * | 8 | | Transaction Date (YYYYMMDD) |