RCRAInfo Universe Calculations and Reporting

The RCRA Subtitle C program categorizes handlers into various regulatory groupings. These groupings help regulators and management to determine whether proper reporting and oversight are occurring at a facility. RCRAInfo captures these regulatory groupings, referred to as universes, in HREPORT_UNIV5. These universes provide users with easy access to standardized, programmatic Subtitle C site categorizations, and facilitate consistent reporting and data analysis nationwide.

The universes are calculated based on information within the Handler, Permitting, Corrective Action, and Compliance Monitoring and Enforcement (CM&E) modules of RCRAInfo. This information is collected and stored in HREPORT_UNIV5. HREPORT_UNIV5 contains one record for every HANDLER_ID / ACTIVITY_LOCATION combination present in the Handler or CM&E modules. Additionally, the RCRAInfo data structure contains tables to capture detail information for universe calculations (HUNIVERSE_DETAIL5). The remainder of this document describes information in HREPORT_UNIV5. For additional information on HUNIVERSE_DETAIL5, please consult the RCRAInfo on-line help utility.

RCRAInfo supports data collection from three primary sources for site information: 1) Federal Site Identification Form or State equivalent; 2) EPA or State Inspection; and 3) Waste Activity Monitoring (i.e., Biennial Report). RCRA regulations require hazardous waste sites to notify EPA if they are conducting any hazardous waste activities. Additionally, the regulations require that large quantity generators and treatment, storage, and disposal facilities report hazardous waste activities every two years via the Biennial Report. Some states also require re-notification of hazardous waste activities on a regular (generally annual) basis. The information collected from these various data sources often contradicts itself. Therefore, RCRAInfo implements a hierarchal algorithm to determine the most recent source of information. The implicit assumption is that the most current data source contains the best data – that is, the data that is the most indicative of the actual status of the site. The most recent source of information will be computed using the most recent source record based on the date that the information was certified (CERT_DATE in HCERTIFICATION5). If no certification information is associated with the record, then the date the information was received by the regulating agency (HRECEIVE_DATE in HHANDLER5) will be used. If there are multiple data sources with the same date, the following source hierarchy is used to determine which record to use: I (Implementer), N (Notification), B (Annual/Biennial Report Updated with Notification), R (Annual/Biennial Report), A (Part A), T (Temporary), E (Emergency).

Note: Biennial Report data prior to the 2001 report cycle, i.e. R source records with a report cycle prior to 2001, will NOT be used as the most recent source of information, even if this source is the only source of information for the facility. If a facility has only biennial report source records prior to the 2001 report cycle associated with it, universes that use the most recent source record for its calculation will be set to blank (null).

In addition to the sources identified above (A, B, E, I, N, R, and T), the HREPORT_UNIV5 table may contain O (Other) source records. O source records are created when information exists for a HANDLER_ID / ACTIVITY_LOCATION combination in the CM&E module that does not exist in the Handler module. Information from the handler's home activity location record is used to populate the handler name, location address, mailing address, and contact information. The universe information for these records are set to null or "------" for all universes except the following where the default value is "N" (No): GPRA Permit Baseline, GPRA Renewals Baseline, Subject to Corrective Action, Corrective Action Workload, Institutional Control Indicator,

Environmental Control Indicator, CA725 Indicator, CA750 Indicator, GPRA Corrective Action Baseline, and all thirteen SNC universes.

Note: The Source Type of O is valid only in the HREPORT_UNIV5 table.

Universe Calculation Change Log

Date	Universe	Change
5/15/2012	AS_FEDERALLY_REGULATED_TSDF	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	AS_CONVERTER_TSDF	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	AS_STATE_REGULATED_TSDF	Change format from CHAR(8) to CHAR(9). Added value of "H" to column 9.
5/15/2012	PERMPROG	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	PERMWRKLD	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	PERMIT_RENEWAL_WRKLD	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	CLOSWRKLD	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	PCWRKLD	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	FULL_ENFORCEMENT	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
5/15/2012	OPERATING_TSDF	Change format from CHAR(5) to CHAR(6). Added value of "H" to column 6.
6/12/2014	GPRA Permit Baseline	Changed from the 2015 Permit Baseline to the 2018 Permit Baseline
6/12/2014	GPRA Renewals Baseline	Changed from the 2015 Renewals Baseline to the 2018 Renewals Baseline

Below is a table containing all of the universes in the HREPORT_UNIV5 table for Version 5. The table contains an English name of the universe, the Oracle field name, the allowed values, and an English description of how the universe is defined and/or derived.

Program Universe	Values	Calculation
Federal Waste Generator Status (FED_WASTE_GENERATOR)	1, 2, 3, N	The value of FED_WASTE_GENERATOR in the current handler source record*.
State Waste Generator Status (STATE_WASTE_GENERATOR)	State-defined	The value of STATE_WASTE_GENERATOR in the current handler source record*.
Generator Status (GENSTATUS)	LQG, SQG, CEG, N	The decoded value of FED_WASTE_GENERATOR in the current handler source record*. A value of 1 is converted to LQG, 2 is converted to SQG, 3 is converted to CEG, and N is converted to N.
Short Term Generator Status (SHORT_TERM_GENERATOR)	Y, N	The value of SHORT_TERM_GENERATOR in the current handler source record*.
Transporter (TRANSPORTER)	Y, N	The value of TRANSPORTER_ACTIVITY in the current handler source record*.
Transfer Facility (TRANSFER_FACILITY)	Y, N	The value of TRANSFER_FACILITY in the current handler source record*.
Universal Waste (UNIVWASTE)	Y, N	Universal Waste is set to Y if UNIVERSAL_WASTE_DEST_FACILITY in the current handler source record* is Y or if ACCUMULATED is Y for the current handler source record* in HUNIVERSAL_WASTE.
Federal Universal Waste (FEDERAL_UNIVERSAL_WASTE)	Y, N	Federal Universal Waste is set to Y if ACCUMULATED for a headquarters-defined universal waste is Y for the current handler source record* in HUNIVERSAL_WASTE.
Universal Waste Destination Facility (UNIVERSAL_WASTE_DEST_FACILITY)	Y, N	The value of UNIVERSAL_WASTE_DEST_FACILITY in the current handler source record*.
Recycler (RECYCLER)	Y, N	The value of RECYCLER_ACTIVITY in the current handler source record*.
Importer (IMPORTER)	Y, N	The value of IMPORTER_ACTIVITY in the current handler source record*.
Mixed Waste Generator (MIXED_WASTE_GENERATOR)	Y, N	The value of MIXED_WASTE_GENERATOR in the current handler source record*.
Onsite Burner Exemption (ONSITE_BURNER_EXEMPT)	Y, N	The value of ONSITE_BURNER_EXEMPTION in the current handler source record*.
Furnace Exemption (FURNACE_EXEMPTION)	Y, N	The value of FURNACE_EXEMPTION in the current handler source record*.

Program Universe	Values	Calculation
Underground Injection (UNDERGROUND_INJECTION)	Y, N	The value of UNDERGROUND_INJECTION_ACTIVITY in the current handler source record*.
Receives Hazardous Waste from Off-Site (OFF_SITE_RECEIPT)	Y, N	The value of OFF_SITE_RECEIPT in the current handler source record*.
SNC (SNC)	Y, N	SNC is set to Y if an SNY evaluation exists for an agency and it has not been superseded by an SNN evaluation by the same agency.
State Addressed SNC (STATE_ADDRESSED_SNC)	Y, N	State Addressed SNC is set to Y if any of the following conditions are met: 1. *The facility is a SNC and the violations linked to the evaluations referred to by the day zero date have been addressed by an approved enforcement action.* The facility has an SNY evaluation issued by the state which has not been superseded by an SNN evaluation issued by the state, and all of the violations that are the responsibility of the state that are linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of other state issued evaluations) are linked to an approved formal enforcement action (210-219, 310-319, 380, 385, 410-439, 510-519, 530-539, 610-639, 810-869) issued by the state with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 2. *The facility is a SNC and the SNY evaluation has been addressed by an approved "orphan" enforcement action.* The facility has an SNY evaluation issued by the state which has not been superseded by an SNN evaluation issued by the state, and an approved formal enforcement action issued by the state exists that is not linked to any violation and the SNY date (SNY_DATE in CSNY_DATE) is equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 3. *The facility is a SNC and the responsibility has been transferred to EPA.* The facility has an SNY evaluation issued by the state which has not been superseded by an SNN evaluation issued by the state, and all of the violations linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of other state issued evaluations) are linked to an 810 enforcement action issued by the state with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation.
State SNC with a Compliance Schedule (STATE_SNC_WITH_COMPL_SCHED)	Y, N	State SNC with a Compliance Schedule is set to Y if the facility meets the State Addressed SNC definition and all of the violations linked to the SNY evaluation have a scheduled compliance date (SCHEDULED_COMPLIANCE_DATE is not null).

Program Universe	Values	Calculation
State Unaddressed SNC (STATE_UNADDRESSED_SNC)	Y, N	State Unaddressed SNC is set to Y if the facility is a State SNC (the facility has an SNY evaluation issued by the state which has not been superseded by an SNN evaluation issued by the state) and does not meet the State Addressed SNC definition.
Beginning of Year State Addressed SNC (BOY_STATE_ADDRESSED_SNC)	Y, N	BOY State Addressed SNC is set to Y if the State Addressed SNC is equal to Y on the first day of the current fiscal year.
Beginning of Year State SNC with a Compliance Schedule (BOY_STATE_SNC_WITH_COMPL_SCHED)	Y, N	BOY State SNC with a Compliance Schedule is set to Y if the State SNC with Compliance Schedule is equal to Y on the first day of the current fiscal year.
Beginning of Year State Unaddressed SNC (BOY_STATE_UNADDRESSED_SNC)	Y, N	BOY State Unaddressed SNC is set to Y if the State Unaddressed SNC is equal to Y on the first day of the current fiscal year.

Program Universe	Values	Calculation
EPA Addressed SNC (EPA_ADDRESSED_SNC)	Y, N	EPA Addressed SNC is set to Y if any of the following conditions are met: 1. *The facility is a SNC and the violations linked to the evaluations referred to by the day zero date have been addressed by an approved enforcement action.* The facility has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA, and all of the violations that are the responsibility of the EPA that are linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of other EPA issued evaluations) are linked to an approved formal enforcement action (210-219, 310-319, 380, 385, 410-439, 510-519, 530-539, 610-639, 810-869) issued by the EPA with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 2. *The facility is a SNC and the SNY evaluation has been addressed by an approved "orphan" enforcement action.* The facility has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA, and an approved formal enforcement action issued by the EPA exists that is not linked to any violation and the SNY date (SNY_DATE in CSNY_DATE) is equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation. 3. *The facility is a SNC and the responsibility has been transferred to the State.* The facility has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA, and all of the violations linked to the evaluation(s) referred to by the day zero date (i.e., the DAY_ZERO of the SNY evaluation equals the EVAL_START_DATE of other EPA issued evaluations) are linked to an 820 enforcement action issued by the EPA with an SNY date (SNY_DATE in CSNY_DATE) equal to the evaluation start date (EVAL_START_DATE) of the SNY evaluation.
EPA SNC with a Compliance Schedule (EPA_SNC_WITH_COMPL_SCHED)	Y, N	EPA SNC with a Compliance Schedule is set to Y if the facility meets the EPA Addressed SNC definition and all of the violations linked to the SNY evaluation have a scheduled compliance date (SCHEDULED_COMPLIANCE_DATE is not null).
EPA Unaddressed SNC (EPA_UNADDRESSED_SNC)	Y, N	EPA Unaddressed SNC is set to Y if the facility is a EPA SNC (the facility has an SNY evaluation issued by the EPA which has not been superseded by an SNN evaluation issued by the EPA) and does not meet the EPA Addressed SNC definition.
Beginning of Year EPA Addressed SNC (BOY_EPA_ADDRESSED_SNC)	Y, N	BOY EPA Addressed SNC is set to Y if the EPA Addressed SNC is equal to Y on the first day of the current fiscal year.

Program Universe	Values	Calculation
Beginning of Year EPA SNC with a Compliance Schedule (BOY_EPA_SNC_WITH_COMPL_SCHED)	Y, N	BOY EPA SNC with a Compliance Schedule is set to Y if the EPA SNC with Compliance Schedule is equal to Y on the first day of the current fiscal year.
Beginning of Year EPA Unaddressed SNC (BOY_EPA_UNADDRESSED_SNC)	Y, N	BOY EPA Unaddressed SNC is set to Y if the EPA Unaddressed SNC is equal to Y on the first day of the current fiscal year.
Federally Regulated TSDF (AS_FEDERALLY_REGULATED_TSDF)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of EMAB and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: EMAB, EMCP, EMCV, EMDC, EMIN, EMOP, ISAB, ISCA, ISCN, ISCP, ISDC, ISIN, ISOP, ITAB, ITCA, ITCP, ITDC, ITIN, ITOP, LIAB, LICA, LICP, LIDC, LIIN, LIOP, LPAB, LPCA, LPCP, LPDC, LPIN, LPOP, NNAB, NNCA, NNCP, NNDC, NNIN, NNOP, PCAB, PCCA, PCCP, PCDC, PCIN, PIAB, PIBC, PICA, PICN, PICP, PICV, PIDC, PIIN, PIOP, PIUC, PMAB, PMCA, PMCP, PMCV, PMDC, PMIN, PMOP, PTAB, PTCA, PTCP, PTDC, PTIN, PTOP, RDAB, RDCA, RDCP, RDCV, RDDC, RDIN, RDOP, RPAB, RPBC, RPCA, RPCN, RPCP, RPDC, RPIN, RPOP, RPUC, RQOP, RUAB, RUCA, RUCP, RUDC, RUIN, RUOP, TAAB, TACA, TADC, TAIN, OR TAOP. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of AS_FEDERALLY_REGULATED_TSDF = '------' or '-----H'.

Program Universe	Values	Calculation
Converter TSDF (AS_CONVERTER_TSDF)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of ISCF and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISCV, ITCV, LICV, LPCV, NNCV, PTCV, or RUCV. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of AS_CONVERTER_TSDF = '------' or '-----H'.

Program Universe	Values	Calculation
State Regulated TSDF (AS_STATE_REGULATED_TSDF)	9 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: Y or – Char 7: Y or – Char 8: Y or – Char 9: H or - Example: The value for a facility with a leg/op status of SRAB, process codes of D80 and S01, and accumulated universal waste would be L—S—Y--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: SRAB, SRCP, SRCV, SRDC, SRIN, or SROP. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H (in column 9): Process code SWM Y in column 6: The value of STATE_WASTE_GENERATOR in the current handler source record* is an active value (ACTIVE_STATUS = Y) and Usage Code (USAGE_CODE) = 9 (use status in universe calculations). Y in column 7: The value of ACCUMULATED or GENERATED for the current handler source record* in HUNIVERSAL_WASTE = Y and it is an active value (ACTIVE_STATUS = Y) and Usage Code (USAGE_CODE) = 9 (use activity in universe calculations). Y in column 8: The value of STATE_ACTIVITY for the current handler source record* in HSTATE_ACTIVITY is an active value (ACTIVE_STATUS = Y) and Usage Code (USAGE_CODE) = 9 (use activity in universe calculations). -: The facility does not have the legal/operating status codes defined above with the process codes defined above and/or the facility does not have values for state waste generator, universal waste, or state activity meeting the definitions above. Note: A facility is not considered a part of this universe if the value of AS_STATE_REGULATED_TSDF = '---------' or '--------H'.

Program Universe	Values	Calculation
Active Site (ACTIVE_SITE)	5 characters Char 1: H or – Char 2: P or – Char 3: A or – Char 4: C or – Char 5: S or – Example: The value for a facility in the Importer and Corrective Action Workload Universes would be H-A–-.	H: Any of the following universes are Y (except as noted) in the current handler source record* – Furnace Exemption (FURNACE_EXEMPTION), Importer (IMPORTER), Onsite Burner Exemption (ONSITE_BURNER_EXEMPT), Mixed Waste Generator (MIXED_WASTE_GENERATOR), Underground Injection (UNDERGROUND_INJECTION), Transporter (TRANSPORTER), Universal Waste (UNIVWASTE), Recycler (RECYCLER), Transfer Facility (TRANSFER_FACILITY), Off Site Receiver (OFF_SITE_RECEIPT), Generator Status (GENSTATUS – LQG, SQG, or CEG), or Used Oil (USED_OIL). P: Active Site Federally Regulated TSDF (AS_FEDERALLY_REGULATED_TSDF) is L, I, B, S, T, and/or H in the current handler source record*. A: Corrective Action Workload Universe (CAWRKLD) is Y in the current handler source record*. C: Active Site Converter (AS_CONVERTER_TSDF) is L, I, B, S, and/or T in the current handler source record*. S: Active Site State Regulated TSDF (AS_STATE_REGULATED_TSDF) is L, I, B, S, T, and/or Y in the current handler source record*. -: The facility does not meet the universe(s) defined above.
Federal Indicator	3 characters Char 1: L or – Char 2: O or – Char 3: P or –	L: Land Type is equal to F in the current handler source record*. O: Owner Type is equal to F in the current handler source record*. P: Operator Type is equal to F in the current handler source record*. -: The facility does not meet the universe(s) defined above.
Hazardous Secondary Material (HSM)	Y, S, N, -	Y: Reason for Notification in HHSM_BASIC5 is equal to I – Initial Notification or R – Re-Notification and Active Site <> '-----'. S: Reason for Notification in HHSM_BASIC5 is equal to S – Stopped. N: There is no Reason for Notification data in HHSM_BASIC5. -: Reason for Notification in HHSM_BASIC5 is equal to I – Initial Notification or R – Re-Notification and Active Site = '-----'.

Program Universe	Values	Calculation
Subpart K (SUBPART_K)	4 characters Char 1: C or – Char 2: H or – Char 3: N or – Char 4: W or – Example: The value for a facility in the Subpart K-Nonprofit Universe would be –-N-.	C: Subpart K-College is equal to Y in the current handler source record* and Active Site <> '-----'. H: Subpart K-Hospital is equal to Y in the current handler source record* and Active Site <> '-----'. N: Subpart K-Nonprofit is equal to Y in the current handler source record* and Active Site <> '-----'. W: Subpart K-Withdrawal is equal to Y in the current handler source record*. -: The facility does not meet the universe(s) defined above.
Commercial TSD (COMMERCIAL_TSD)	Y, N	Commercial TSD is set to Y if the current unit detail for any unit has a commercial indicator of 1 – Accepts wastes from off-site generators or 3 – Accepts wastes from off-site generators by special arrangement or agreement.
TSD Type (TSD_TYPE)	5 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Example: The value for a facility with Closure Workload universe equal to L—S- would be L—S-.	L: One or more of the universes Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDFs, or Converter TSDF in the current handler source record* contains an L. I: One or more of the universes Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDFs, or Converter TSDF in the current handler source record* contains an I. B: One or more of the universes Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDFs, or Converter TSDF in the current handler source record* contains a B. S: One or more of the universes Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDFs, or Converter TSDF in the current handler source record* contains an S. T: One or more of the universes Operating TSDF, Full Enforcement TSDF, Permit Progress, Permit Workload, Closure Workload, Post-Closure Workload, Federally Regulated TSDFs, or Converter TSDF in the current handler source record* contains a T. -: The facility does not meet the universe(s) defined above.

Program Universe	Values	Calculation
Permit Progress (PERMPROG)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of DLAB and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: DLBC, DLCC, DLCN, DLCR, DLCV, DLSF, DLUC, ISAB, ISBC, ISCA, ISCC, ISCN, ISCO, ISCP, ISCV, ISDC, ISIN, ISOP, ISSF, ISUC, ITAB, ITBC, ITCA, ITCC, ITCN, ITCO, ITCP, ITCV, ITDC, ITIN, ITOP, ITSF, ITUC, LIAB, LIBC, LICA, LICC, LICN, LICO, LICP, LICV, LIDC, LIIN, LIOP, LISF, LIUC, LPAB, LPBC, LPCC, LPCN, LPCO, LPCP, LPCV, LPDC, LPIN, LPOP, LPSF, LPUC, NNAB, NNCA, NNCC, NNCN, NNCO, NNCP, NNCV, NNDC, NNIN, NNOP, NNSF, NNUC, PCAB, PCCA, PCCC, PCCO, PCCP, PCDC, PCIN, PCSF, PIAB, PIBC, PICA, PICC, PICN, PICO, PICP, PICV, PIDC, PIIN, PIOP, PISF, PIUC, PMAB, PMBC, PMCC, PMCN, PMCO, PMCP, PMCV, PMDC, PMIN, PMOP, PMSF, PMUC, PRBC, PRCN, PRCR, PROP, PRUC, PTAB, PTBC, PTCC, PTCN, PTCO, PTCP, PTCR, PTCV, PTDC, PTIN, PTOP, PTSF, PTUC, RPAB, RPBC, RPCA, RPCC, RPCN, RPCO, RPCP, RPDC, RPIN, RPOP, RPSF, RPUC, RQBC, RQCN, RQOP, RQUC, TAAB, TABC, TACC, TACN, TADC, TAIN, TAOP, TASF, OR TAUC. There are two exceptions to the above criteria for the Permit Progress Universe: 1. If the most recent Legal Status Code is RD (Research, Development, and Demonstration Permit), RU (Permit-by-Rule), EM (Emergency Permit), or SR (State-Regulated), then the legal/operating status combination associated with the NEXT most recent unit detail is used to determine the current status. 2. If the most recent Legal Status Code (or the next most recent Legal Status Code in the case above) is TA (Temporary Authorization), then the facility must have a Permit Event Code of OP020 (Operating Permit Part B Received) or MO020 (Permit Modification Part B Received) for this legal/operating status combination to be used. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of PERMPROG = '------' or '-----H'.

Program Universe	Values	Calculation
Permit Workload (PERMWRKLD)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of ISCN and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISCN, ISOP, ISUC, NNCN, NNOP, NNUC, PIBC, PICN, PIOP, PIUC, PMBC, PMCN, PMOP, PMUC, PRBC, PRCN, PRUC, RPBC, RPCN, RPOP, RPUC, RQBC, RQCN, RQOP, RQUC, TABC, TACN, TAOP, or TAUC. There are two exceptions to the above criteria for the Permit Progress Universe: 1. If the most recent Legal Status Code is RD (Research, Development, and Demonstration Permit), RU (Permit-by-Rule), EM (Emergency Permit), or SR (State-Regulated), then the legal/operating status combination associated with the NEXT most recent unit detail is used to determine the current status. 2. If the most recent Legal Status Code (or the next most recent Legal Status Code in the case above) is TA (Temporary Authorization), then the facility must have a Permit Event Code of OP020 (Operating Permit Part B Received) or MO020 (Permit Modification Part B Received) for this legal/operating status combination to be used. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of PERMWRKLD = '------' or '-----H'.

Program Universe	Values	Calculation
Permit Renewal Workload (PERMIT_RENEWAL_WRKLD)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of PCCP and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: PCCP, PIBC, PICN, PIOP, PIUC, PMBC, PMCN, PMOP, PMUC, RPBC, RPCN, RPOP, or RPUC. The facility must also have at least one occurrence of an OP/PC020RN permit event without a subsequent occurrence of an OP/PC205 permit event. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of PERMIT_RENEWAL_WRKLD = '------' or '-----H'.
Closure Workload (CLOSWRKLD)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of ISAB and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISCA, ISCV, ISDC, ISIN, ITAB, ITCA, ITCV, ITDC, ITIN, LIAB, LICA, LICV, LIDC, LIIN, LPAB,LPCV, LPDC, LPIN, NNAB, NNCA, NNCV, NNDC, NNIN, PIAB, PICA, PICV, PIDC, PIIN, PMAB, PMCV, PMDC, PMIN, PTAB, PTCV, PTDC, PTIN, RPAB, RPCA, RPDC, RPIN, TAAB, TADC, or TAIN. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of CLOSWRKLD = '------' or '-----H'.

Program Universe	Values	Calculation
Post-Closure Workload (PCWRKLD)	6 characters Char 1: L or – Char 2: – Char 3: – Char 4: – Char 5: – Char 6: - Example: The value for a facility with a leg/op status of ISAB and process code of D80 would be L——-.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISCA, ISCP, ISCV, ISDC, ISIN, ITAB, ITCA, ITCP, ITCV, ITDC, ITIN, LIAB, LICA, LICP, LICV, LIDC, LIIN, LPAB, LPCP, LPCV, LPDC, LPIN, NNAB, NNCA, NNCP, NNCV, NNDC, NNIN, PCAB, PCCA, PCCP, PCDC, PCIN, PIAB, PICA, PICP, PICV, PIDC, PIIN, PMAB, PMCP, PMCV, PMDC, PMIN, PTAB, PTCP, PTCV, PTDC, PTIN, RPAB, RPCA, RPCP, RPDC, RPIN, TAAB, TADC, or TAIN. The unit detail must also have one of the following process codes: D80, D81, D83, D99, S03, S04, and T02. L: The facility has a legal/operating status code and a process code defined above. -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of PCWRKLD = '------' or '-----H'.
Financial Assurance Required (FA_REQUIRED)	5 characters Char 1: A or – Char 2: C or – Char 3: P or – Char 4: S or – Char 5: N or – Example: The value for a facility with the active site flag containing a "P" and the facility is in the Permit Workload Universe with a Land Disposal Process would be -C-SN.	A: The facility is permitted, post-closure permitted, has a pre-modification authorization, or a temporary authorization (has a legal status of "PI", "PC", "PM", or "TA" respectively) and has at least one unit with a CA400: Remedy Decision event code and there is no facility wide CA999%: Corrective Action Process Terminated (any status: CA999NF - No Further Action or CA999RM - Remedial Activities Completed). C: The active site flag contains a "P" (Permit Activity) and the facility is in the Closure Workload Universe or Permit Workload Universe and there is no PC300: Post-Closure Enforceable Document Effective event code where the legal/operating status is PCCA. P: The active site flag contains a "P" (Permit Activity) and the facility is in the Post-Closure Workload Universe and there is no PC300: Post-Closure Enforceable Document Effective event code where the legal/operating status is PCCA. S: The active site flag contains a "P" (Permit Activity) and the facility is in the Closure Workload or Permit Workload Universe. N: The active site flag contains a "P" (Permit Activity) and the facility is in the Closure Workload or Permit Workload Universe with a Land Disposal Process. Note: Federal and State government facilities are not required to maintain financial assurance, therefore, for all facilities with the Land Type of "F" (Federal) or "S" (State) the FA Required field will be set to "N".

Program Universe	Values	Calculation
GPRA Permit Baseline (GPRA_PERMIT)	+, -, N	+: All units on the current 2018 Operating / Post-Closure Permit Baseline (BASELINE = P and STATUS = C in GPRA_PMT_RENEWAL) for the facility have an accomplishment date. -: At least one unit on the current 2018 Operating / Post-Closure Permit Baseline (BASELINE = P and STATUS = C in GPRA_PMT_RENEWAL) for the facility does not have an accomplishment date. N: The facility does not exist on the 2018 Operating / Post-Closure Permit Baseline (BASELINE = P and STATUS = C in GPRA_PMT_RENEWAL).
GPRA Renewals Baseline (GPRA_RENEWAL)	+, -, N	+: All units on the current 2018 Permit Renewal Baseline (BASELINE = R and STATUS = C in GPRA_PMT_RENEWAL) for the facility have an accomplishment date. -: At least one unit on the current 2018 Permit Renewal Baseline (BASELINE = R and STATUS = C in GPRA_PMT_RENEWAL) for the facility does not have an accomplishment date. N: The facility does not exist on the 2018 Permit Renewal Baseline (BASELINE = R and STATUS = C in GPRA_PMT_RENEWAL).
GPRA Corrective Action 2020 Baseline (GPRA_CA)	Y, N	The facility exists on the 2020 Corrective Action Baseline (GPRA_CA_2020).
Subject to Corrective Action (SUBJCA)	Y, N	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISBC, ISCA, ISCC, ISCN, ISCO, ISCP, ISCV, ISDC, ISIN, ISOP, ISSF, ISUC, LIAB, LIBC, LICA, LICC, LICN, LICO, LICP, LICV, LIDC, LIIN, LIOP, LISF, LIUC, LPAB, LPBC, LPCC, LPCN, LPCO, LPCP, LPCV, LPDC, LPIN, LPOP, LPSF, LPUC, NNAB, NNCA, NNCC, NNCN, NNCO, NCCP, NNCV, NNDC, NNIN, NNOP, NNSF, NNUC, PCAB, PCCA, PCCC, PCCO, PCCP, PCDC, PCIN, PCSF, PIAB, PIBC, PICA, PICC, PICN, PICO, PICP, PICV, PIDC, PIIN, PIOP, PISF, PIUC, PMAB, PMBC, PMCC, PMCN, PMCO, PMCP, PMCV, PMDC, PMIN, PMOP, PMSF, PMUC, RUAB, RUBC, RUCC, RUCN, RUCO, RUCP, RUCV, RUDC, RUIN, RUOP, RUSF, RUUC, TAAB, TABC, TACC, TACN, TADC, TAIN, TAOP, TASF, or TAUC.

Program Universe	Values	Calculation
Corrective Action Workload (CAWRKLD)	Y, N	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISBC, ISCA, ISCN, ISCP, ISDC, ISIN, ISOP, ISUC, LIAB, LIBC, LICA, LICN, LICP, LIDC, LIIN, LIOP, LIUC, LPAB, LPBC, LPCN, LPCP, LPDC, LPIN, LPOP, LPUC, NNCA, PCAB, PCCA, PCCP, PCDC, PCIN, PIAB, PIBC, PICA, PICN, PICP, PIDC, PIIN, PIOP, PIUC, PMAB, PMBC, PMCN, PMCP, PMDC, PMIN, PMOP, PMUC, TAAB, TABC, TACN, TADC, TAIN, TAOP, or TAUC. The facility also belongs to the Corrective Action Workload Universe if the handler has a nationally-defined corrective action event of CA100 (RFI Imposition) or greater, with the exception of the following events: CA210 (CA Responsibility Referred to a Non-RCRA Federal Authority), CA225 (Stabilization Measures Evaluation), CA725 (Current Human Exposures Under Control), CA750 (Groundwater Releases Controlled Determination), or CA999 (Corrective Action Process Terminated). If the handler has either a CA210 (CA Responsibility Referred to a Non-RCRA Federal Authority) or CA999 (Corrective Action Process Terminated) linked to the entire facility area, the handler is removed from the Corrective Action Workload Universe.
TSDFS Potentially Subject to CA Under 3004(u)/(v) (SUBJCA_TSD_3004)	Y, N	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISBC, ISCA, ISCN, ISCP, ISDC, ISIN, ISOP, ISUC, LIBC, LICA, LICN, LICP, LIDC, LIIN, LIOP, LIUC, LPBC, LPCA, LPCN, LPCP, LPDC, LPIN, LPOP, LPUC, PCCA, PCCP, PCDC, PCIN, PIBC, PICA, PICN, PICP, PIDC, PIIN, PIOP, PIUC, PMBC, PMCA, PMCN, PMCP, PMDC, PMIN, PMOP, PMUC, TABC, TACA, TACN, TACP, TADC, TAIN, TAOP, or TAUC.
TSDFs Only Subject to CA Under Discretionary Authorities (SUBJCA_TSD_DISCRETION)	Y, N	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: ISAB, ISCA, ISCC, ISCV, LIAB, LICA, LICC, LICO, LICV, LPAB, LPCA, LPCC, LPCO, LPCV, NNAB, NNCA, NNCC, NNCN, NNCO, NNCP, NNCV, NNDC, NNIN, NNOP, NNUC, PCAB, PCCA, PCCC, PCCO, PIAB, PICA, PICC, PICO, PICV, PMAB, PMCA, PMCC, PMCO, PMCV, RUAB, RUBC, RUCA, RUCC, RUCN, RUCO, RUCP, RUCV, RUDC, RUIN, RUOP, RUUC, TAAB, TACA, or TACC.
Non-TSDFs Where RCRA CA Has Been Imposed (SUBJCA_NON_TSD)	Y, N	The facility is not a TSD (OPERATING_TSDF = '-----') and the facility is not in the TSDF Only Suject to CA Under Discretionary Authorities universe or TSDFs Potentially Subject to CA Under 3004(u)/(v) universe (SUBJCA_TSD_DISCRETION = 'N' and SUBJCA_TSD_3004 = 'N') and the facility has conducted an RFI Imposition (CA100 event).

Program Universe	Values	Calculation
Human Health Exposure Indicator (CA725_INDICATOR)	+, -, N	+: The most recent CA725 (Human Health Exposure) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) has a status of YE. -: The most recent CA725 (Human Health Exposure) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) does not have a status of YE. N: There is no CA725 (Human Health Exposure) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4).
Groundwater Exposure Indicator (CA750_INDICATOR)	+, -, N	+: The most recent CA750 (Groundwater Exposure) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) has a status of YE. -: The most recent CA750 (Groundwater Exposure) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) does not have a status of YE. N: There is no CA750 (Groundwater Exposure) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4).
NCAPS Ranking	H, M, L, N	H: The most recent CA075 (NCAPS) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) has a status of HI. M: The most recent CA075 (NCAPS) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) has a status of ME. L: The most recent CA075 (NCAPS) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4) has a status of LO. N: There is no CA075 (NCAPS) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4).
EC Indicator (EC_INDICATOR)	Y, T, N	Y: The facility has at least one CA770 (Engineering Controls Established) event in AEVENT4. T: The facility has a CA780 (Engineering Controls Terminated) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4). N: There is no CA770 (Engineering Controls Established) event in AEVENT4.
IC Indicator (IC_INDICATOR)	Y, T, N	Y: The facility has at least one CA772 (Institutional Controls Established) event in AEVENT4. T: The facility has a CA782 (Institutional Controls Terminated) event in AEVENT4 that is linked to a facility wide area (ENTIRE_FACILITY_IND = Y in AAREA4). N: There is no CA772 (Institutional Controls Established) event in AEVENT4.

Program Universe	Values	Calculation
Full Enforcement (FULL_ENFORCEMENT)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of PIOP and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: PIOP, PIIN, PICP, PIDC, PICA, PCIN, PCCP, PCDC, PCCA, PTIN, PTCP, PTDC, ISOP, ISIN, ISCP, ISDC, ISCA, LIIN, LICP, LIDC, LICA, ITIN, ITCP, ITDC, ITCA, TAOP, TAIN, TADC, PMOP, PMIN, PMCP, PMDC, LPOP, LPIN, LPCP, LPDC, NNOP, NNIN, NNCP, NNDC, NNCA, RQOP, RQIN, RDOP, RDCP, RDDC, RPCA, RPCP, RPDC, RPIN, RPOP, EMOP, EMIN, EMCP, or EMDC. This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of FULL_ENFORCEMENT = '------' or '-----H'.
Operating TSDF (OPERATING_TSDF)	6 characters Char 1: L or – Char 2: I or – Char 3: B or – Char 4: S or – Char 5: T or – Char 6: H or - Example: The value for a facility with a leg/op status of PIOP and process codes of D80 and S01 would be L—S--.	The facility has at least one permitted unit where the most recent unit detail has one of the following legal/operating status codes: PIOP, ISOP, TAOP, PMOP, LPOP, NNOP, RQOP, RDOP, RPOP, or EMOP. Also, the Accessibility field from the Handler module is not equal to F (responsible parties have fled the country) or C (RCRA responsibilities have been transferred to CERCLA). This universe if further differentiated into sub-universes based on the process code of the unit detail record identified above. L: Process codes D80, D81, D83, D99, S03, S04, and T02 I: Process code T03 B: Process codes T80 – T93 S: Process codes S01, S02, S05, S06, and S99 T: Process codes T01, T04, T94, X01, X02, X03, X04, and X99 H: Process code SWM -: The facility does not have the legal/operating status codes defined above and/or does not have the process codes defined above. Note: A facility is not considered a part of this universe if the value of OPERATING_TSDF = '------' or '-----H'.
In a Universe (IN_A_UNIVERSE)	Y, N	The facility meets the definition for any of the universes defined above except State Waste Generator Status.

Program Universe	Values	Calculation
In a Handler Universe (IN_HANDLER_UNIVERSES)	Y, N	In a Handler Universe is set to Y if any of the following universes are Y (except as noted) in the current handler source record* – Furnace Exemption (FURNACE _EXEMPTION), Importer (IMPORTER), Onsite Burner Exemption (ONSITE_BURNER_EXEMPT), Mixed Waste Generator (MIXED_WASTE_GENERATOR), Underground Injection (UNDERGROUND_INJECTION), Transporter (TRANSPORTER), Universal Waste (UNIVWASTE), Recycler (RECYCLER), Generator Status (GENSTATUS: LQG, SQG, or CEG), or Used Oil (USED_OIL).

*See information above as to how the current handler source record is determined.