WDS Data Dictionary: Assay Methods Table (STG_WC_ASSAY_METHODS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
ASSAY_PROGRAM_ABBR	VARCHAR2(4)	Abbreviated code for the site program performing the assay	N/A
ASSAY_METHOD	VARCHAR2(20)	Method by which the container was assayed	N/A
ASSAY_DATE	DATE	Date the container was assayed	N/A

WDS Data Dictionary: Characterization Methods Table (STG_WC_CHARZ_METHODS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
CHARZ_PROGRAM_ABBR	VARCHAR2(4)	Abbreviated code for the site program performing the characterization	N/A
CHARZ_METHOD	VARCHAR2(20)	Method by which the waste was characterized	N/A
CHARZ_DATE	DATE	Date characterization method performed	N/A

WDS Data Dictionary: Comments Table (STG_WC_COMMENTS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
COMMENTS	VARCHAR2(1000)	Detailed information about specifics of the waste container	

WDS Data Dictionary: Filters Table (STG_WC_FILTERS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
FILTER_MODEL	VARCHAR2(15)	Filter model number	N/A
FILTER_INSTALL_DATE	DATE	Filter installation date	N/A
QTY	NUMBER(38)	Number of filters of the specified filter model installed on specified date	N/A

WDS Data Dictionary: EPA Hazardous Waste Numbers Table (STG_WC_HAZ_CODES)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
HAZ_CODE	VARCHAR2(4)	EPA Hazardous Waste Number	N/A

WDS Data Dictionary: Inner Cans Table (STG_WC_INNER_CANS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
CAN_NUM	VARCHAR2(16)	Can number for the inner can layer - unique for generating site	N/A
PARENT_CAN_NUM	VARCHAR2(16)	Can number of the inner can layer's parent can layer	N/A
CLOSURE_DATE	DATE	Closure date for the inner can layer	N/A
RH_LAYER_TYPE_ID	VARCHAR2(3)	RH Layer Type identifier	N/A
DECAY_HEAT	NUMBER	Decay heat for the inner can layer	N/A
DECAY_HEAT_UNCERT	NUMBER	Decay heat uncertainty for the inner can layer	W

Field Name	Field Format	Definition	Units
FILTER_DIFFUSIVITY	NUMBER	Filter diffusivity for the inner can layer	mol/s/mol fraction
FLAM_GAS_GEN_RATE	NUMBER	Flammable gas generation rate for the inner can layer	mol/s
HYDROGEN_CONC	NUMBER	Hydrogen concentration for the inner can layer	ppm
SAMPLE_DATE	DATE	Sample date for the hydrogen concentration reported for the can layer	N/A
VENT_DATE	DATE	Vent date for the can layer	N/A

WDS Data Dictionary: Waste Material Parameters Table (STG_WC_MAT_PARMS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
WASTE_MATL_PARM	NUMBER(38)	Waste material parameter	N/A
WGT_OF_MAT_PARMS	NUMBER	Estimated weight of the waste material parameters	kg

WDS Data Dictionary: Nuclides Table (STG_WC_NUCLIDES)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
RADIONUCLIDE	VARCHAR2(7)	Radionuclide symbol, i.e., PU-239	N/A
ACTIVITY	NUMBER	Activity of individual radionuclide	Ci
ACTIVITY_UNCERT	NUMBER	Uncertainty in the activity of individual radionuclides	Ci
MASS	NUMBER	Mass of individual radionuclide	g
MASS_UNCERT	NUMBER	Uncertainty in the mass of individual radionuclide	g

WDS Data Dictionary: PCB Description Table (STG_WC_PCB_DESCRIPTIONS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
PCB_DESCRIPTION	VARCHAR2(30)	PCB Description	N/A

WDS Data Dictionary: Sample Amounts Table (STG_WC_SAMPLE_AMOUNTS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
SAMPLE_NUM	VARCHAR2(20)	Sample identification number	N/A
ANALYSIS_PROGRAM_ABBR	VARCHAR2(4)	Abbreviated code for the site program analyzing the sample	N/A
CAS_NUMBER	VARCHAR2(20)	Analyte CAS number	N/A
CONC_PPM	NUMBER	Concentration of VOCs in the sample	ppm
METHOD	VARCHAR2(20)	Method by which the waste was characterized	N/A
DATE_ANALYZED	DATE	Date analyzed	N/A
REPORTING_FLAG_NA	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A
REPORTING_FLAG_B	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A
REPORTING_FLAG_D	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A
REPORTING_FLAG_E	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A
REPORTING_FLAG_J	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A
REPORTING_FLAG_U	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A

Field Name	Field Format	Definition	Units
REPORTING_FLAG_Z	VARCHAR2(2)	Identify detection levels of various analytes within sample	N/A

WDS Data Dictionary: Samples Table (STG_WC_SAMPLES)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
SAMPLE_PROGRAM_ABBR	VARCHAR2(4)	Abbreviated code for the site program taking the sample	N/A
SAMPLE_NUM	VARCHAR2(20)	Sample identification number	N/A
SAMPLE_TYPE	VARCHAR2(8)	Identification for type of sample	N/A
DATE_SAMPLED	DATE	Date of sample taken	N/A
LAYER_NO_SAMPLED	NUMBER(38)	Layer number sampled	0-6

WDS Data Dictionary: Waste Containers Table (STG_WST_CNTRS)

Field Name	Field Format	Definition	Units
CNTR_NUM	VARCHAR2(16)	Container number	N/A
CERT_CHARZ_FLAG	VARCHAR2(5)	Flag identifying type of data being submitted - CERT/CHARZ	N/A
SHIP_SITE	VARCHAR2(4)	Shipper site	N/A
CURLOC_SITE	VARCHAR2(4)	Site where container is currently located	N/A
DEST_SITE	VARCHAR2(4)	Destination site for the container	N/A
TYPE_CODE	NUMBER(38)	Container type code	N/A
DAMAGED	VARCHAR2(1)	Container is damaged - Y/N	N/A
AK_ASSESSMENT_DATE	DATE	AK Assessment Date - may be populated from OAKS via the AK Assessment Data Transfer web service.	N/A
AK_ASSESS_DATE_VERIFY_DATE	DATE	Date that the AK Assessment Date was verified	N/A

Field Name	Field Format	Definition	Units
ALPHA_SURF_CONT	NUMBER	Removable alpha emitting radionuclide surface contamination	dpm/cm^2
AQUEOUS_MATERIAL	VARCHAR2(1)	Aqueous material flag - Y/N	N/A
ASPIRATION_METHOD_ID	VARCHAR2(2)	Identifier for method used to aspirate container	N/A
BETA_GAMMA_SURF_CONT	NUMBER	Removable beta/gamma emitting contamination on container (dpm/cm^2)	dpm/cm^2
BE_CHEM_MECH_BOUND	VARCHAR2(1)	Beryllium chemically or mechanically bound - Y/N	N/A
BE_LE_100KG	VARCHAR2(1)	Beryllium mass <= 100 kg - Y/N	N/A
BE_LE_1PCT	VARCHAR2(1)	Beryllium content <= 1% by weight - Y/N	N/A
BE_PRESENT	VARCHAR2(1)	Beryllium present in the waste - Y/N	N/A
BG_DOSE_RATE	NUMBER	Beta/gamma contact dose rate at the surface	mrem/hr
BOK_EVAL_ACCEP	VARCHAR2(1)	Basis of Knowledge Evaluation Acceptance flag - Y/null	N/A
BOK_VERIFY_DATE	DATE	Date that the BOK Evaluation Acceptance flag was verified	N/A
CCEM_NUMBER	VARCHAR2(50)	Chemical Compatibility Evaluation Memo number	N/A
CCEM_REVISION_NUMBER	NUMBER(38)	CCEM Revision number - Incremented integer starting with 0	N/A
CCO_PKG_CONFIG	VARCHAR2(10)	CCO package configuration type	N/A
CERT_DATE	DATE	Date when the certifying official signed the cert. statement	N/A
CERT_SITE	VARCHAR2(4)	Site where container was certified	N/A
CLOSURE_DATE	DATE	Date the container was closed	N/A
COMPACTED	VARCHAR2(1)	Waste is machine compacted - Y/N	N/A
DUNNAGE	VARCHAR2(1)	Container is dunnage - Y/N	N/A
DECAY_HEAT	NUMBER	Rate of deposition of thermal energy in container	W
DECAY_HEAT_UNCERT	NUMBER	Uncertainty in the decay heat	W
FEM	NUMBER	U-235 fissile mass equivalent	N/A
FEM_UNCERT	NUMBER	U-235 fissile mass equivalent uncertainty	N/A
FILL_FACTOR	NUMBER	Percentage of the waste container occupied by waste	%

Field Name	Field Format	Definition	Units
FILTER_REDUCTION_DATE	DATE	Date on which the transportation filters are capped and the temporary filter installed for the purposes of transportation headspace gas sampling. Applies to SLB2 only	N/A
GAS_GEN_COMP_DATE	DATE	Gas generation completion date for the container	N/A
GAS_GEN_RATE	NUMBER	Gas generation rate for the container based on gas generation testing	mol/s
GAS_HYD_METH_GEN_RATE	NUMBER	Hydrogen/methane gas generation rate for the container based on gas generation testing	mol/s
4	VARCHAR2(4)	Site where waste was generated	N/A
GROSS_WEIGHT	NUMBER	Gross weight of the container	kg
GROSS_WEIGHT_UNCERT	NUMBER	Uncertainty in the gross weight of the container	kg
HANDLING_CODE	VARCHAR2(2)	Handling code for the waste - CH/RH	N/A
IDC_CODE	VARCHAR2(4)	Item description code	N/A
IWMDL_DATE	DATE	Integrated Waste Management Document List date	N/A
LAYERS_OF_PACKAGING	NUMBER(38)	Number of layers of plastic confinement in a container	N/A
LINER_EXISTS	VARCHAR2(1)	Liner exists - Y/N	N/A
LINER_LID_PRESENT	VARCHAR2(1)	Liner lid present - Y/N	N/A
LINER_HOLE_SIZE	NUMBER	Liner hole size	mm
LINER_PUNCTURED	VARCHAR2(1)	Liner punctured - Y/N	N/A
LINER_TYPE	VARCHAR2(3)	Unique liner type identifier	N/A
MATRIX_CODE	VARCHAR2(5)	Waste matrix code	N/A
NEUT_DOSE_RATE	NUMBER	Neutron contact dose rate at the surface	mrem/hr
OVERPK_CNTR_NUM	VARCHAR2(16)	Overpack container number	N/A
PCB_CONC	NUMBER	Concentration of PCBs in the container	ppm
PCB_MASS	NUMBER	Mass of PCBs in the container	kg
PCB_OUT_OF_SERVICE	DATE	Date PCBs in container were taken out of service	N/A
PCB_WASTE	VARCHAR2(1)	PCB waste in the container - Y/N	N/A
PLASTIC_LE_2KG	VARCHAR2(1)	Plastic mass <= 2 kg - Y/N	N/A

Field Name	Field Format	Definition	Units
PLASTIC_LE_33_9KG	VARCHAR2(1)	Plastic mass <= 33.9 kg - Y/N	N/A
PROCESS_KNOWLEDGE	VARCHAR2(1)	It can be shown by process knowledge that the flammable VOC concentration for the container is <= 500 ppm	N/A
PRODUCT_CNTR_ASSEMBLY	VARCHAR2(1)	Product Container Assembly is allowed - Y/N	N/A
PU239_EQ_ACT	NUMBER	Plutonium-239 equivalent activity per container	PE-Ci
PU239_FISS_GM_EQ	NUMBER	Plutonium-239 fissile gram equivalent per container	g
PU239_FISS_GM_EQ_UNCERT	NUMBER	Plutonium-239 fissile gram equivalent uncertainty	g
PUCK_DRUM_WASTE	VARCHAR2(1)	Contains puck drum waste - Y/N	N/A
REDUCED_FILTER_MODEL	VARCHAR2(15)	Filter installed for the purposes of transportation headspace gas sampling. Applies to SLB2 only	N/A
SEPARATION_OK	VARCHAR2(1)	Dimensions of container ensures a minimum 1/2-inch separation between compacted waste contents and other axially adjacent payload containers	N/A
SHIPPING_CATEGORY	VARCHAR2(10)	Shipping category for CH container	N/A
SHIPPING_PURPOSE	VARCHAR2(1)	Shipping purpose code	N/A
TRUCON_CODE	VARCHAR2(8)	TRUCON code for CH container/content code for RH container	N/A
TRUNC_FGGR	VARCHAR2(1)	Truncated FGGR test - Y/N	N/A
TRUNC_FGGR_PERIOD	NUMBER	Truncated FGGR period	days
TRU_ALPHA_ACT	NUMBER	Sum of alpha activities of TRU isotopes	Ci
TRU_ALPHA_ACT_CONC	NUMBER	Sum of alpha activity divided by waste mass of container	Ci/g
TRU_ALPHA_ACT_CONC_UNCERT	NUMBER	Uncertainty in the TRU waste alpha activity concentration	N/A
TRU_ALPHA_ACT_UNCERT	NUMBER	Uncertainty in the TRU waste alpha activity	Ci
VENT_DATE	DATE	Date when the container was vented	N/A
WAC_EXCEPT_NUM	VARCHAR2(13)	WAC/WWIS exception number	N/A
WAC_REV_NUM	VARCHAR2(8)	Revision number of the WAC to which the waste was certified	N/A

Field Name	Field Format	Definition	Units
WASTE_GEN_DATE	DATE	Waste generation date	N/A
WST_STRM_BIR_ID	VARCHAR2(15)	Waste stream baseline inventory report (BIR) identification number	N/A
WST_STRM_MWIR_ID	VARCHAR2(15)	Waste stream mixed waste inventory report (MWIR) identification number	N/A
WST_STRM_PROFILE	VARCHAR2(20)	Waste stream profile identifier	N/A