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Appendix L. TWBID Data Dictionary (TWBIR specific tables)

Table Name Field Name	Type	Description
Page_1 Top level table for TRU waste stream data		
MWIR_ID	text	Unique Waste Stream ID for MITI95
WIPP_ID	text	Waste Stream ID Asssiged for WIPP Project Purposes
LOCAL_ID	text	Locally assigned ID number for the waste stream
NoMigrationAssign	text	No Migration Variance Petition Code
Waste_Type	text	MTRU or TRU
Handling	text	CH or RH
Stream_Name	text	Abbreviation Description/Name of the Stream
Stream_description	memo	Memo field to describe the type of stream (TWBIR and MITI95)
MWIR_matrix_code	text	Matrix Code, from MITI95 if applicable and relevant
Final_Waste_Form	text	This is the code of the final (to WIPP) form of the waste stream;
Matrix_Description	memo	Description and comments for the waste matrix in its final form for WIPP
Waste_Ownership	text	Defense, non-defense, commercial, or unknown
Waste_source	text	R&D, Operational, Residues, ER and D&D, ER, D&D, etc.
TSCA_data	text	Regulated for PCBs; Yes or No
Asbestos_data	text	Regulated for Asbestos; Yes or No
Matrix_Code_Name	text	Matrix name associated with the MITI95 matrix code
TRU_Source_Desc	memo	The source description form MITI95 part of data call updated to include source description from the WTWBIR portion of the data call, if different.
WS_Source_Desc	memo	The source description form MITI95 part of data call
Source_Category	text	The source categories only from the MITI95 portion of the form
WasteStream_Name	text	Stream name from the MITI95 portion of the data
WS_Name_Diff_Comments	text	Describes why WasteStream_Name differs from WTWBIR_WS_Name (if appropriate)
Site_Code	text	Storage Site
Ops_Code	text	Field Office Code
State	text	State Code
PSTP_WS_ID	text	Site treatment plan ID
RPC_Code	text	MITI95 Rad code
Rad_Confidence	text	Confidence in Rad estimate

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name / Field Name	Type	Description
Rad_Comments	memo	Rad Comments by site
Storage_Other	text	Storage Type
Currently_Treated	text	Is this waste treated
Secondary_Streams	text	Are secondary streams produced
Classification	text	Are there classification concerns
Management_Comments	memo	Site Comments
Acceptance_Comments	memo	Site Comments
Site_Name	text	Site Name
EPA_Regs	text	Is regulated under EPA regs?
State_Regs	text	reg. under more restrictive state regs?
LDR_Standards	text	Does at least one epa/state code meet LDR
PCB	text	Does waste stream contain PCBs?
PCB_Range	text	PCB concentration range
CPC_Code	text	MITI95 Contaminant Code
Asbestos	text	Does this WS contain asbestos?
Asbestos_Comments	memo	details of asbestos condition
EPA_Confidence	text	Confidence level
EPA_Comments	memo	Contaminant Comments
Residues	text	Does this waste contain residues
Redist_Comments	memo	Comments on Redistribution
Redistributed	text	Is this stream redistributed
Page1_Footnotes	memo	WTWBIR only footnotes
Container_Data Table of waste parameter and container data used in the Reports database		
MWIR_ID	Text	"Survey_ID"
WIPP_ID	Text	"TWBIR_ID"
WTWS	Text	Combined TWBIR_ID and Ship_Container to make unique ID
Handling	Text	CH or RH - same as page 1 - referent
Waste_Type	Text	MTRU, TRU
Final_Waste_Form	Text	final waste form - same as page 1 - referent

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
Type/Size	Text	Title describing container - "Ship_Container"
Int_Volume	Number	cubic meters per container
Nbr_Stored	Number	total volume of this type of container stored. "Currently_Stored"
Inventory_Date	Date/Time	"Inventory_Date" for Nbr_Stored
Nbr_Projected	Number	"Total_Num_Projected" Total volume of this type of container for this waste stream projected through the last year of projections
IB_avg	Number	Iron-base constituents, Average, in kg/m3
IB_min	Number	Iron-base constituents, Minimum, in kg/m3
IB_max	Number	Iron-base constituents, Maximum, in kg/m3
AB_avg	Number	Aluminum-base constituents, Average, in kg/m3
AB_min	Number	Aluminum-base constituents, Minimum, in kg/m3
AB_max	Number	Aluminum-base constituents, Maximum, in kg/m3
OM_avg	Number	Other metals constituents, Average, in kg/m3
OM_min	Number	Other metals constituents, Minimum, in kg/m3
OM_max	Number	Other metals constituents, Maximum, in kg/m3
OI_avg	Number	Other inorganics constituents, Average, in kg/m3
OI_Min	Number	Other inorganics constituents, Minimum, in kg/m3
OI_max	Number	Other inorganics constituents, Maximum, in kg/m3
Cel_avg	Number	Cellulosics constituents, Average, in kg/m3
Cel_min	Number	Cellulosics constituents, Minimum, in kg/m3
Cel_max	Number	Cellulosics constituents, Maximum, in kg/m3
Rub_avg	Number	Rubber constituents, Average, in kg/m3
Rub_min	Number	Rubber constituents, Minimum, in kg/m3
Rub_max	Number	Rubber constituents, Maximum, in kg/m3
Plas_avg	Number	Plastic constituents, Average, in kg/m3
Plas_min	Number	Plastic constituents, Minimum, in kg/m3
Plas_max	Number	Plastic constituents, Maximum, in kg/m3
SIM_avg	Number	Solidified Inorganic Material constituents, Average, in kg/m3
SIM_min	Number	Solidified Inorganic Material constituents, Minimum, in kg/m3

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
SIM_max	Number	Solidified Inorganic Material constituents, Maximum, in kg/m3
SOM_avg	Number	Solidified Organic Material constituents, Average, in kg/m3
SOM_min	Number	Solidified Organic Material constituents, Minimum, in kg/m3
SOM_max	Number	Solidified Organic Material constituents, Maximum, in kg/m3
SL_avg	Number	Soils, Average, kg/m3
SL_min	Number	Soils, Minimum, kg/m3
SL_max	Number	Soils, Maximum, kg/m3
CMS_avg	Number	Cement (Solidified), Average, kg/m3
CMS_min	Number	Cement (Solidified), Minimum, kg/m3
CMS_max	Number	Cement (Solidified), Maximum, kg/m3
VIT_avg	Number	Vitrified, Average, kg/m3
VIT_min	Number	Vitrified, Minimum, kg/m3
VIT_max	Number	Vitrified, Maximum, kg/m3
PM_Steel	Number	Packaging materials, steel, kg/m3
PM_Plastic	Number	Packaging materials, plastic, kg/m3
PM_Lead	Number	Packaging materials, lead kg/m3
FF_End_of_93	Number	The waste volume of the waste on hand at end of year in its estimated Final form for shipment to the WIPP, the increment added during the year.
FF_End_of_94	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_95	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_96	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_97	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_98	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_99	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_00	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
FF_End_of_01	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_02	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_03	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_04	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_05	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_06	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_07	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_08	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_09	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_10	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_11	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_12	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_13	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_14	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_15	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_16	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_17	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_18	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
FF_End_of_19	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_20	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_21	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
FF_End_of_22	Number	The waste volume of the waste on hand at end of year in its estimated final form for shipment to the WIPP, the increment added during the year.
ADD>2022	Text	Are projections beyond 2022 added into 2022? (Yes/No)
FF>2022	Number	Amount added into 2022 from years beyond 2022
Comments	Memo	Miscellaneous comments
Container_Footnotes	Memo	Footnotes applicable to a given container/waste combination.
CONTACTS This table contains the list of primary and alternate contacts for both the Treatment and Waste Stream surveys.		
Contact_Code	Text	The unique code generated by the system.
Last_Name	Text	1.2.1/1.3.1 The last name of the contact.
First_Name	Text	1.2.1/1.3.1 The first name of the contact.
Middle	Text	1.2.1/1.3.1 The middle initial of the contact.
Address	Text	1.2.2/1.3.2 The address of the contact.
City	Text	1.2.2/1.3.2 The city of the contact.
State	Text	1.2.2/1.3.2 The state of the contact.
Zip	Text	1.2.2/1.3.2 The ZIP-Code of the contact.
Phone	Text	1.2.3/1.3.3 The phone number of the contact.
Fax	Text	1.2.4/1.3.4 The FAX number of the contact.
E_mail	Text	1.2.5/1.3.5 The E-Mail address of the contact.
TRU_COMPONENTS This table contains the components that apply to this TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Component	Text	8.2.11 The component found in this TWBIR waste stream with a concentration greater than 1 wt%. (Nitrates, Sulfates, Phosphates)

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
Component_Exists	Text	8.2.11 Does this component exist in this TWBIR waste stream with a concentration greater than 1 wt%? (Yes, No)
Est_Concentration	Number	8.2.11 The estimated concentration for the component.
TRU_EPA_CODES This table contains the list of EPA codes found in the TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
EPA_Code	Text	8.2.10.1 The EPA code found in the waste stream. (Look-up EPA_LU)
LDR_Code	Text	8.2.10.1 The LDR code corresponding to the EPA code listed. (Look up EPA_LU)
Contam_Name	Text	8.2.10.1 The contaminant name that corresponds to the EPA code.
Concentration	Text	8.2.10.1 The concentration (typical or range) that this contaminant reaches in the waste stream.
Concentration_Unit	Text	8.2.10.1 The units of measure for the concentration.
Concentration_Basis	Text	8.2.10.1 The basis for the concentration values. (Sampling/Process Knowledge/Both/Unknown)
Total_Or_Extract	Text	8.2.10.1 Distinguishes the nature of the concentration value or range. (Total/Extract/Unknown)
TRU_IDCs This table contains the IDCs that apply to this TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
IDC	Text	8.2.8 The final waste form IDCs that apply to this TWBIR waste stream.
	TRU_SHC_EST_GENERATION This table contains the annual estimated amounts of shipping container generation for the TWBIR waste stream.	
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Ship_Container	Text	8.2.13 The container type/size used to ship the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Year	Number	8.2.15.1.12 The year for which the amounts are estimated.
Est_Containers	Number	8.2.15.1.12 The estimated number of containers that will be generated for the year.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
NA	Yes/No	8.2.15.1.12 The number for this year is in the "Number Currently in Storage" (7.2.15.1.9).
Comments	Text	8.2.15.1.12 Comments for the amount listed for the year.
TRU_SHC_ESTIMATES This table contains volumes and estimated values for the shipping container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Ship_Container	Text	8.2.13 The container type/size used to ship the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Internal_Volume	Number	8.2.15.1.4 The internal volume (payload volume) per container (m3).
Less350LB	Number	8.2.15.1.5 The estimated percent of containers less than 350lb/container (drums only).
Between350_500LB	Number	8.2.15.1.6 The estimated percent of containers between 350 and 500 lbs/container (drums only).
Less23PUFGE	Number	8.2.15.1.7 The estimated percent of containers with less than 23 Pu-239 Fissile Gram Equivalents (drums only).
Between23_200PUFGE	Number	8.2.15.1.8 The estimated percent of containers with between 23 and 200 Pu-239 Fissile Gram Equivalents (drums only).
Currently_Stored	Number	8.2.15.1.9 The number of this container type currently in storage.
Inventory_Date	Date/Time	8.2.15.1.10 The date of this inventory.
Total_Num_Projected	Number	8.2.15.1.11 The total number of these containers projected from the inventory date to the end of 2022.
FF_Comments	Memo	8.2.15.1.14 Final Form comments.
TRU_SHC_LINER This table contains the liner types used for the shipping container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Ship_Container	Text	8.2.13 The container type/size used to ship the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Liner_Type	Text	8.2.15.1.2 The liner types found in this container. Look-up TRU_LINER_LU.
TRU_SHC_LINER_MATERIAL This table contains the liner materials used in the shipping container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Ship_Container	Text	8.2.13 The container type/size used to ship the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Liner_Material	Text	8.2.15.1.3 The material used to line the container. Look-up TRU_LINER_MATERIAL_LU.
Liner_Material_Other	Text	8.2.15.1.3 The (other) liner material used in the container.
TRU_SHC_MATERIAL This table contains the construction materials used for the shipping container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream. .
Ship_Container	Text	8.2.13 The container type/size used to ship the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Material	Text	8.2.15.1.1 The material used to construct the container. Look-up TRU_MATERIAL_LU.
Material_Other	Text	8.2.15.1.1 The (other) material used to construct the container.
TRU_SHC_WEIGHTS This table contains the typical waste material weights for the Final Waste Form for the shipping container in the TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Ship_Container	Text	8.2.13 The container type/size used to ship the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Material_Parameter	Text	8.2.15.1.13 The material parameter. Look-up TRU_WEIGHTS_LU.
Avg	Number	8.2.15.1.13 The average weight of this material.
LL	Number	8.2.15.1.13 The lower limit for the weight of this material.
UL	Number	8.2.15.1.13 The upper limit for the weight of this material.
Comments	Text	8.2.15.1.13 Any comments applicable.
TRU_SHIP_CONTAINER This table contains the current container type/sizes used to store the TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Ship_Container	Text	8.2.13 The container type that will be used to ship the final forms of this TWBIR waste stream to WIPP. Look-up TRU_SHIP_CONTAINER_LU.
WTWS	Text	A combination of TWBIR_ID and Ship_Container used for table relationships
Same_Nucs	Text	8.2.13 Is the radionuclide information for this container the same as reported in section 3.2.6? (Yes;No)
TRU_STC_EST_GENERATION This table contains the annual estimated amounts of storage container generation for the TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Year	Number	8.2.14.1.12 The year for which the amounts are estimated.
Est_Containers	Number	8.2.14.1.12 The estimated number of containers that will be generated for the year.
NA	Yes/No	8.2.14.1.12 The number for this year is in the "Number Currently in Storage" (7.2.14.1.9).
Comments	Text	8.2.14.1.12 Comments for the amount listed for the year.
TRU_STC_ESTIMATES This table contains volumes and estimated values for the storage container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Internal_Volume	Number	8.2.14.1.4 The internal volume (payload volume) per container (m3).
Less350LB	Number	8.2.14.1.5 The estimated percent of containers less than 350lb/container (drums only).
Between350_500LB	Number	8.2.14.1.6 The estimated percent of containers between 350 and 500 lbs/container (drums only).
Less23PUFGE	Number	8.2.14.1.7 The estimated percent of containers with less than 23 Pu-239 Fissile Gram Equivalents (drums only).
Between23_200PUFGE	Number	8.2.14.1.8 The estimated percent of containers with between 23 and 200 Pu-239 Fissile Gram Equivalents (drums only).

Table Name Field Name	Type	Description
Currently_Stored	Number	8.2.14.1.9 The number of this container type currently in storage.
Inventory_Date	Date/Time	8.2.14.1.10 The date of this inventory.
Total_Num_Projected	Number	8.2.14.1.11 The total number of these containers projected from the inventory date to the end of 2022.
TRU_STC_LINER This table contains the liner types used for the storage container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Liner_Type	Text	8.2.14.1.2 The liner types found in this container. Look-up TRU_LINER_LU.
TRU_STC_LINER_MATERIAL This table contains the liner materials used in the storage container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Liner_Material	Text	8.2.14.1.3 The material used to line the container. Look-up TRU_LINER_MATERIAL_LU.
Liner_Material_Other	Text	8.2.14.1.3 The (other) liner material used in the container.
TRU_STC_MATERIAL This table contains the construction materials used for the storage container.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Material	Text	8.2.14.1.1 The material used to construct the container. Look-up TRU_MATERIAL_LU.
Material_Other	Text	8.2.14.1.1 The (other) material used to construct the container.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
TRU_STC_TRAMPAC This table contains information concerning TRAMPAC Certifiability.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
TRAMPAC_Cert	Text	8.2.14.1.14.1 Are all of this current container type/size certifiable to TRAMPAC (shipment to WIPP via TRUPACT-II (Yes; No)
Num_Non_Cert	Number	8.2.14.1.14.2 What percent of these containers are non-certifiable?
FiltLiner_Required	Text	8.2.14.1.14.3.1 For containers not certifiable to TRAMPAC, are Filters/Liner vents required? (No ; Yes)
Num_FiltLiner_Required	Number	8.2.14.1.14.3.1.1 The percent of the non-certifiable containers that require filter/liner vents.
Repack_Required	Text	8.2.14.1.14.3.2 For containers not certifiable to TRAMPAC, is repackaging required? (No; Yes)
Num_Repack_Required	Number	8.2.14.1.14.3.2.1 The percent of the non-certifiable containers that require repackaging.
Treatment_Required	Text	8.2.14.1.14.3.3 For containers not certifiable to TRAMPAC, is treatment required? (No; Yes)
Num_Treatment_Required	Number	8.2.14.1.14.3.3.1 The percent of the non-certifiable containers that require treatment.
CF_Comments	Memo	8.2.14.1.14.4 Current Form comments.
TRU_STC_TRAMPAC_REPACK This table contains information concerning containers not-certifiable to TRAMPAC due to repackaging requirements.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Repack_Cause	Text	8.2.14.1.13.3.1.2 The cause of repackaging required. Look-up TRU_REPACK_LU
Repack_Cause_Other	Text	8.2.14.1.13.3.1.2 The (other) cause of repackaging required.
Containers_Affected	Number	8.2.14.1.13.3.1.2 The estimated percent of containers affected.

Table Name Field Name	Type	Description
TRU_STC_TRAMPAC_TREAT This table contains information concerning containers not-certifiable to TRAMPAC due to treatment requirements.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Treatment_Cause	Text	8.2.14.1.13.3.2.2 The cause of treatment required. Look-up TRU_TREATMENT_LU
Treatment_Cause_Other	Text	8.2.14.1.13.3.2.2 The (other) cause of repackaging required.
Containers_Affected	Number	8.2.14.1.13.3.2.2 The estimated percent of containers affected.
TRU_STC_WACv3 This table contains information concerning the WAC Revision 3 Certifiability.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
WIPPWACv3_Cert	Text	8.2.14.1.13.1 Are all of this current container type/size certifiable to WIPP WAC Revision 3? (Yes; No)
Num_Non_Cert	Number	8.2.14.1.13.2 What percent of these containers are non-certifiable?
Repack_Required	Text	8.2.14.1.13.3.1 For containers not certifiable to WIPP WAC Revision 3, is repackaging required? (No; Yes)
Num_Repack_Required	Number	8.2.14.1.13.3.1.1 The percent of the non-certifiable containers that require repackaging.
Treatment_Required	Text	8.2.14.1.13.3.2 For containers not certifiable to WIPP WAC Revision 3, is treatment required? (No; Yes)
Num_Treatment_Required	Number	8.2.14.1.13.3.2.1 The percent of the non-certifiable containers that require treatment.
TRU_STC_WACv3_REPACK This table contains information concerning containers not-certifiable to WIPP WAC Revision 3 due to repackaging requirements.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Repack_Cause	Text	8.2.14.1.13.3.1.2 The cause of repackaging required. Look-up TRU_REPACK_LU
Repack_Cause_Other	Text	8.2.14.1.13.3.1.2 The (other) cause of repackaging required.
Containers_Affected	Number	8.2.14.1.13.3.1.2 The estimated percent of containers affected.
TRU_STC_WACv3_TREAT This table contains information concerning containers not-certifiable to WIPP WAC Revision 3 due to treatment requirements.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Treatment_Cause	Text	8.2.14.1.13.3.2.2 The cause of treatment required. Look-Up TRU_TREATMENT_LU
Treatment_Cause_Other	Text	8.2.14.1.13.3.2.2 The (other) cause of repackaging required.
Containers_Affected	Number	8.2.14.1.13.3.2.2 The estimated percent of containers affected.
TRU_STOR_CONTAINER This table contains the current container type/sizes used to store the TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
WTWS	Text	A combination of TWBIR_ID and Stor_Container used for table relationships
Stor_Container	Text	8.2.12 The container type/size used to store the TWBIR waste stream.
Same_Nucs	Text	8.2.12 Is the radionuclide information for this container the same as reported in section 3.2.6? (Yes;No)
Container_Comments	Text	8.2.12 Container Comments
TRU_TRUCON_CODES This table contains the TRUCON codes that apply to this TWBIR waste stream.		
Survey_ID	Text	2.1.1 (8.2.2) The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
TRUCON_Code	Text	8.2.7 The TRUCON code that applies to this TWBIR waste stream.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
EPACODES This table contains the list of EPA codes found in the waste stream.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
EPA_Code	Text	3.4.3 The EPA code found in the waste stream. (Look-up EPA_LU)
LDR_Code	Text	3.4.3 The LDR code corresponding to the EPA code listed. (Look-up EPA_LU)
Contam_Name	Text	3.4.3 The contaminant name that corresponds to the EPA code.
Concentration	Text	3.4.3 The concentration (typical or range) that this contaminant reaches in the waste stream.
Concentration_Unit	Text	3.4.3 The units of measure for the concentration.
Concentration_Basis	Text	3.4.3 The basis for the concentration values. (Sampling/Process Knowledge/Both/Unknown)
Total_Or_Extract	Text	3.4.3 Distinguishes the nature of the concentration value or range. (Total/Extract/Unknown)
WS_GEN_SITES This table contains the names of the sites that generated this waste stream for the		
survey.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
Site_Code	Text	2.3.3 The code of the site that generated this waste stream.
Site_Name	Text	2.3.3a The name of the site that generated this waste stream.
WS_GENERATION This table contains waste stream generation information.		
Survey_Id	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
Generation	Text	5.1.1 Is this waste stream currently generated or, if not, will this waste stream be generated in the future? (Yes/No)
Generation_Desc	Text	5.1.2 The current of future generation of this waste is best described as; (Routine/One-time, or sporadic)
WT_WS_RAD_CONC This table contains the radionuclides found in the waste stream for this survey.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
TWBIR_ID	Text	8.1 (8.2.1) The Transuranic Waste Baseline Inventory Report ID that applies to this waste stream.
Radionuclide	Text	3.2.6 The radionuclide found in the waste stream. (Look-up Radionuclide_LU)
Rad_Other	Text	3.2.6 The (Other) radionuclide.

Appendix L. TWBID Data Dictionary (TWBIR specific tables) (continued)

Table Name Field Name	Type	Description
Concentration_Value	Number	3.2.6 The typical concentration for this radionuclide.
Concentration_Units	Text	3.2.6 The units of measure for the concentration.
Concentration_Basis	Text	3.2.6 The basis for the concentration values. (Sampling/Process
Knowledge/Both/Unknown)		
WS_SECONDARY_ID This table contains the secondary stream IDs created as a result of treatment of the parent waste stream.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
Secondary_ID	Text	6.2.2.1 The secondary ID, for the waste stream created as a result of treatment of the parent waste stream.
WS_STORAGE This table contains the storage methods used for the waste stream.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
Storage	Text	6.1.1.1 What is the storage method for this waste stream? (Look-up WS_Storage_LU)
Storage_Other	Text	6.1.1.1.5 The (other) storage method used for this waste stream.
WS_STORAGE_FAC This table contains the facilities where the waste stream is being stored.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
Facility_Name	Text	6.1.1.2 The facility name where the waste stream is stored.
Building_Number	Text	6.1.1.2 The building number where the waste stream is stored.
WS_SURVEY_INFO This table contains the information contacts for the survey.		
Survey_ID	Text	2.1.1 The unique waste stream ID generated by the computer and assigned to the questionnaire.
Site_Code	Text	1.1.1 The code of the site for this survey. Look-up SITE_LU.Site_Code.
Ops_Code	Text	1.1.2 The code of the operations office for this survey. Look-up SITE_LU.Ops_Code.
State	Text	1.1.3 The state for this survey. Look-up SITE_LU.State.
Pri_Contact_Code	Text	1.2 The code for the primary contact. Look-up CONTACTS.Contact_Code.
Alt_Contact_Code	Text	1.3 The code for the alternate contact. Look-up CONTACTS.Contact_Code.