

Table and Column Definitions Report

Filename:	H:\tempforests\WASTE_TAB_COL.pdf
Run by:	CASEOWNER
Report Date:	November 22, 2010 03:29 PM
Total Pages:	65
Total Tables / Views / Materialized Views:	56

Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	WASTE
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: CLIENT_LOCATION*Description:*

The description and the details of the address(es) at which a client operates. Its main purpose is to provide alternate mailing addresses. Maximum number of locations per client is 99. The average is 2 per client. Location 00 is always the client.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
* 2	CLIENT_LOCN_CODE A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.	NOT NULL	VARCHAR2(2)

Table: COAST_SCALE_GRADE_CODE*Description:*

A code used to describe the coast scale log grades.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	COAST_SCALE_GRADE_CODE A code used to describe the coast scale log grades.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
20	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
30	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: COAST_WMRF_GRADE_CODE*Description:*

A code used to describe the coast scale sawlog grades that can have the Waste Monetary Reduction Factor (WMRF) applied to their rates.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	COAST_WMRF_GRADE_CODE A code used to describe the interior scale log grades.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: CUT_BLOCK*Description:*

Information about harvesting that takes place on a cut block within a cutting permit, for a file on a harvesting tenure.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	CB_SKEY The unique identifier for a cut block.	NOT NULL	NUMBER(10)
3	CUT_BLOCK_ID Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).	NOT NULL	VARCHAR2(10)
4	SP_EXEMPT_IND Only set to 'Y' for 'Exemption for silviculture Prescriptions' under sec. 30 of the Forest Practices Code of British Columbia Act, eg cut blocks under one hectare, or the use of the land will be incompatible with the establishment of a free growing stand.	NOT NULL	VARCHAR2(1)
5	BLOCK_STATUS_DATE The date on which the current cut block status was set.	NULL	DATE
6	CUT_BLOCK_DESCRIPTION Description of the cut block	NULL	VARCHAR2(120)
7	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
8	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
9	ENTRY_TIMESTAMP Timestamp when the event information was entered.	NOT NULL	DATE
10	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
11	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

CBLK_CBLK_UK
 CB_SKEY
 CBLK_CBLK_UK1_UK
 CBLK_CBLK_UK_UK

Table: HAULING_AUTHORITY*Description:*

Information about the moving permission for a timber tenure. For some Road Permits and Licences to Cut, no moving permission is granted.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TIMBER_MARK Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.	NOT NULL	VARCHAR2(6)
2	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
3	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
4	ENTRY_TIMESTAMP Timestamp when the event information was entered.	NOT NULL	DATE
5	UPDATE_USERID The userid of the individual who last updated this information.	NOT NULL	VARCHAR2(30)
6	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Table: HBS_EDIT_ERR_CATEGORY_CODE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	HBS_EDIT_ERR_CATEGORY_CODE	NOT NULL	VARCHAR2(3)

Table: HBS_EDIT_ERR_MESSAGE_CODE*Description:*

Provides a code and a description of messages used to describe an Edit Error.

HDBS Table-42 will be used as the basis (starting point) for the list of codes for this entity.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	HBS_EDIT_ERR_MESSAGE_CODE	NOT NULL	VARCHAR2(6)
	A code used to identify an error message that an edit event may generate		
* 20	HBS_EDIT_ERR_CATEGORY_CODE	NOT NULL	VARCHAR2(3)

Unique Constraints:

HEEMC_HEEMC_PK_UK
HBS_EDIT_ERR_MESSAGE_CODE
HBS_EDIT_ERR_CATEGORY_CODE

Notes:

This entity does not adhere to the ministry code table standard, and will therefore not be maintained through the regular IMG code table maintenance/replication processes.

The business area maintenance processes will be responsible for maintaining the table values.

Table: HBS_SCALE_RETURN*Description:*

An HBS entity that contains Document Control Numbers (AKA. Summary Document Numbers). When an assessment Area has been invoiced HBS will update the Assessment Area's Document Control Number.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DOCUMENT_CONTROL_NUMBER	NOT NULL	NUMBER(10)

Table: INTERIOR_SCALE_GRADE_CODE*Description:*

A code used to describe the interior scale log grades.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	INTERIOR_SCALE_GRADE_CODE A code used to describe the coast scale log grades.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
20	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
30	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: INTERIOR_WMRF_GRADE_CODE*Description:*

A code used to describe the interior scale sawlog grades that can have the Waste Monetary Reduction Factor (WMRF) applied to their rates.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	INTERIOR_WMRF_GRADE_CODE A code used to describe the interior scale log grades.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: MIME_TYPE_CODE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MIME_TYPE_CODE	NOT NULL	VARCHAR2(3)
2	DESCRIPTION	NULL	VARCHAR2(120)
3	EFFECTIVE_DATE	NULL	DATE
4	EXPIRY_DATE	NULL	DATE
5	UPDATE_TIMESTAMP	NULL	DATE

Table: ORG_UNIT*Description:*

Records codes for ministry Organizational Units (offices), such as a Branch, Region, or District office. Codes are currently defined to the office, section/program, and subsection level.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)

Table: PROV_FOREST_USE*Description:*

General header information to identify the type of forest land use managed by the Ministry of Forests (eg., timber tenures, grazing tenures, recreation files, forest service roads, etc.). This is the main access point for examining land use information.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
2	MGMT_UNIT_ID The administrative management unit identifier defined by the ministry for managing the forest tenure, eg. 41 - Dawson Creek TSA.	NULL	VARCHAR2(4)
3	FILE_STATUS_DATE The date on which the current forest land use status was set.	NULL	DATE
4	DISTRICT_ADMIN_ZONE District Admin Zone is a free format field used internally by the districts to group files within a district for reporting purposes. Examples of use are setting the field to a geographic area or to a persons initials. Reports can be pulled off by District Admin Zone to aid work management. This field is not used by all districts.	NULL	VARCHAR2(4)
5	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
6	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
7	ENTRY_TIMESTAMP Timestamp when the event information was entered.	NOT NULL	DATE
8	UPDATE_USERID The userid of the individual who last updated this information.	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Notes:

FTA GTNR

Table: SCALE_GRADE_CODE*Description:*

Identifies the grade of the piece regardless of the kind of wood or waste class.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	SCALE_GRADE_CODE A code used to describe the grade of log scaled.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
20	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
30	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: SCALE_PRODUCT_CODE*Description:*

Identifies the product of the piece. In WASTE this is allways a code of ' ' which identifies Saw Logs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SCALE_PRODUCT_CODE A code used to describe the product of log scaled.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: SCALE_SPECIES_CODE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SCALE_SPECIES_CODE Identifies the species for a given piece.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: SPECIES_PRODUCT_GRADE_XREF*Description:*

The Species Product Grade Xref entity contains permitted combinations of Species, Product, and Grade that may be scaled, and is based on information in the Scaling Manual. The data in this entity belongs to the HBS system and is populated by HBS.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SCALE_GRADE_CODE A code used to describe the grade of log scaled.	NOT NULL	VARCHAR2(1)
* 2	SCALE_PRODUCT_CODE A code used to describe the product of log scaled.	NOT NULL	VARCHAR2(2)
* 3	SCALE_SPECIES_CODE Identifies the species for a given piece.	NOT NULL	VARCHAR2(2)
4	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
5	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
6	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Foreign Keys:

SPGX_SGC_FK
SCALE_GRADE_CODE = SCALE_GRADE_CODE.SCALE_GRADE_CODE

SPGX_SPC_FK
SCALE_PRODUCT_CODE = SCALE_PRODUCT_CODE.SCALE_PRODUCT_CODE

SPGX_SSC_FK
SCALE_SPECIES_CODE = SCALE_SPECIES_CODE.SCALE_SPECIES_CODE

Indexes:

SPGX_SGC_FK_I
SCALE_GRADE_CODE

SPGX_SPC_FK_I
SCALE_PRODUCT_CODE

SPGX_SSC_FK_I
SCALE_SPECIES_CODE

Table: WASTE_ACCUMULATED_CV_CODE*Description:*

Identifies the accumulated Coefficient of Variation percentage.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_ACCUMULATED_CV_CODE Identifies the proposed Coefficient of Variation percentage used.	NOT NULL	VARCHAR2(3)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
20	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
25	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
30	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

2004/11/25: Created

2005/01/04: EMG: changed code-field to VARCHAR of length 3

Table: WASTE_ASSESSMENT_AREA**Description:**

An area used for sampling purposes in the context of a reporting unit.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WASTE_ASSESSMENT_AREA_ID The unique identifier for a Waste Assessment Area	NOT NULL	NUMBER(12,0)
6	PARENT_WAA_ID The unique identifier for a Waste Assessment Area	NULL	NUMBER(12,0)
7	REPORTING_UNIT_ID The unique identifier for a Reporting Unit	NOT NULL	NUMBER(12,0)
12	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
17	TIMBER_MARK Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.	NULL	VARCHAR2(6)
22	CB_SKEY The unique identifier for a cut block.	NULL	NUMBER(10)
27	WASTE_MATURITY_TYPE_CODE Specifies the growth type of the stratum as either mature or immature.	NULL	VARCHAR2(8)
32	WASTE_CONDITION_TYPE_CODE Identifies the condition type for the given block.	NULL	VARCHAR2(3)
37	WASTE_SITE_TYPE_CODE Identifies the site type for a cut block.	NULL	VARCHAR2(2)
42	WASTE_HARVEST_STATUS_CODE The harvest status code.	NULL	VARCHAR2(4)
43	WASTE_NET_AREA Quantifies, in hectares, the total area of all stratum areas available for sampling and/or estimating. <i>This area includes any accumulation areas not within a cut-block such as in helicopter logging or when logs are skidded off a cutblock to a nearby central landing area. Landings will include only the area of the actual waste piles.</i>	NOT NULL	NUMBER(5,2)
48	MARK_AREA Quantifies, in hectares, the area of this portion. Column is used in the creation of Multi-Mark/Parent Block child assessment areas (see WAA_WAA_FK). When referring to Multi Marks; the sum of all MARK_AREA's from both the "parent" and "child" Assessment Areas must sum up to the "Parents" NET_AREA. In the case of Parent Blocks the MARK_AREA defaults to the NET_AREA on the parent and is entered separately on the children. These numbers are used for computing volumes on the FS 702 report. <i>This area includes any accumulation areas not within a cut-block such as in helicopter logging or when logs are skidded off a cutblock to a nearby central landing area. Landings will include only the area of the actual waste piles.</i>	NULL	NUMBER(5,2)
53	REMAINING_HARVEST_AREA Net cut block area - harvested area = Remaining harvest area (The area remains to be harvested.)	NULL	NUMBER(5,2)
54	YEAR_LOGGED_FROM The year primary logging started on the cut block. <i>District Managers may require blocks that are to be harvested over more than 2 seasons be split for administrative reasons. Therefore, portions of blocks logged in one year must be surveyed no later than the following year.</i>	NULL	NUMBER(4,0)
59	YEAR_LOGGED_TO The year primary logging was completed. <i>District Managers may require blocks that are to be harvested over more than 2 seasons be split for administrative reasons. Therefore, portions of blocks logged in one year must be surveyed no later than the following year.</i>	NULL	NUMBER(4,0)
64	PRIMARY_LOGGING_COMPLETE_DATE Identifies the date on which falling and yarding of the wood to roadside has been completed. <i>Primary Logging date definition is necessary so a licensee can't leave a load of logs on the block and say that primary logging has not been completed. Primary logging completion date may or may not be the same as the survey date since the accumulation plots cannot be done unless the logs have been removed</i>	NULL	DATE

Table: WASTE_ASSESSMENT_AREA (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	<i>from the roadside or landings.</i>		
69	ASSESS_STATUS_CHANGE_DATE	NULL	DATE
	Identifies when the waste cut block status was last changed.		
74	BENCHMARK_VOLUME	NULL	NUMBER(2,0)
	Quantifies, in cubic metres, per hectare of avoidable waste threshold.		
79	WASTE_SURVEYOR_LICENCE	NULL	VARCHAR2(4)
	Identifies the license number of the waste surveyor responsible for the establishment of the plot.		
84	RETURN_NUMBER	NULL	VARCHAR2(4)
	The return number of the waste cut block.		
89	WASTE_ROADS_AREA	NULL	NUMBER(4,2)
	Quantifies, in hectares, the total area of road surface, non-productive an non-forest land.		
	Road surface can be calculated by measuring the total length from the map (so long as it is sufficiently accurate) and multiplying by an average width for the road (usually 8.0 m)		
	Do not include the ditch in the road surface area calculation as it is part of the population being sampled.		
	Do not include sikd roads, cat roads, or back spar trails etc. as they are part of the dispersed type stratum. NP and NF areas to be included are only those that have been typed out on the operational cruise used for the stumpage appraisal.		
94	SURVEY_DATE	NULL	DATE
	Identifies the date in which the plot was established in the block.		
99	CRUISE_VOLUME	NULL	NUMBER(4,0)
	Quantifies, in cubic metres per hectare, the average cruise volume for the block. Data available from the cruise summaries. Estimate if data is unavailable.		
100	WASTE_ASSESS_AREA_STS_CODE	NOT NULL	VARCHAR2(4)
	The waste assessment area code.		
105	SURVEY_MAP_DOCUMENT_NAME	NULL	VARCHAR2(50)
	The name of the Suvey Map file uploaded.		
110	SURVEY_MAP_MIME_TYPE_CODE	NULL	VARCHAR2(3)
115	PARENT_BLOCK_IND	NOT NULL	VARCHAR2(1)
	Identifies if Assessment Area has Parent Block/Multi Mark entries. A recursive join to WASTE ASSESSMENT AREA is used to identify children of a parent. This indicator will enable the in application functionality to allow the addition of these children.		
120	WASTE_PARENT_BLOCK_TYPE_CODE	NULL	VARCHAR2(2)
	Identifies the type of Mult-Mark <i>Oct 18/2005-gBryce-CR 15</i>		
125	DOCUMENT_CONTROL_NUMBER	NULL	NUMBER(10)
130	HBS_EDIT_ERR_MESSAGE_CODE	NULL	VARCHAR2(6)
	A code used to identify an error message that an edit event may generate		
131	HBS_EDIT_ERR_CATEGORY_CODE	NULL	VARCHAR2(3)
136	DRAFT_TIMBER_MARK	NULL	VARCHAR2(10)
	The timber mark for an assessment area in Draft status		
141	DRAFT_CUTTING_PERMIT_ID	NULL	VARCHAR2(3)
	The cutting permit for an assessment area in Draft status		
146	DRAFT_CUT_BLOCK_ID	NULL	VARCHAR2(10)
	The cut block for an assessment area in Draft status		
151	CUTTING_PERMIT_ID	NULL	VARCHAR2(3)
	Identifier for a cutting permit associated with a quota type harvesting tenure.		
156	CUT_BLOCK_ID	NULL	VARCHAR2(10)
	Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).		
161	WASTE_SURVEY_CHECK_CODE	NULL	VARCHAR2(3)
	Identifies the outcome of survey check by district staff.		
166	NUMBER_OF_PLOTS_CHECKED	NULL	NUMBER(3)
	The number of plots in the assessment area that were checked by district staff.		
171	INVOICE_NOTATION	NULL	VARCHAR2(80)
	A comment or identifier which will appear on the HBS invoice to facilitate company internal control such as the company division where the invoice originated from, the name of the contractor who did the logging, or		

Table: WASTE_ASSESSMENT_AREA (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	the nature of the waste billings -piles, decks, standing trees etc. The size of this column matches the definition of the column TEXT on the entity PIECE_SCL_NOTATION, owned by the Harvest Billing System.		
172	REVISION_COUNT	NOT NULL	NUMBER(5,0)
	A count of the number of times an entry in the entity has been modified.		
	Used to validate if the current information displayed on a user's web browser is the most current.		
177	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The unique user id of the resource who initially added the entry.		
182	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was created.		
187	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The unique id of the user who last modified this entry.		
192	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was last modified.		

Foreign Keys:

WAA_CBLK_FK
 CB_SKEY = CUT_BLOCK.CB_SKEY
 WAA_HAA_FK
 TIMBER_MARK = HAULING_AUTHORITY.TIMBER_MARK
 WAA_HEEMC_FK
 HBS_EDIT_ERR_MESSAGE_CODE = HBS_EDIT_ERR_MESSAGE_CODE.HBS_EDIT_ERR_MESSAGE_CODE
 HBS_EDIT_ERR_CATEGORY_CODE = HBS_EDIT_ERR_MESSAGE_CODE.HBS_EDIT_ERR_CATEGORY_CODE
 WAA_HSR_FK
 DOCUMENT_CONTROL_NUMBER = HBS_SCALE_RETURN.DOCUMENT_CONTROL_NUMBER
 WAA_MTC_FK
 SURVEY_MAP_MIME_TYPE_CODE = MIME_TYPE_CODE.MIME_TYPE_CODE
 WAA_PFU_FK
 FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID
 WAA_WAASC_FK
 WASTE_ASSESS_AREA_STS_CODE =
 WASTE_ASSESS_AREA_STS_CODE.WASTE_ASSESS_AREA_STS_CODE
 WAA_WAA_FK
 PARENT_WAA_ID = WASTE_ASSESSMENT_AREA.WASTE_ASSESSMENT_AREA_ID
 WAA_WCTC_FK
 WASTE_CONDITION_TYPE_CODE = WASTE_CONDITION_TYPE_CODE.WASTE_CONDITION_TYPE_CODE
 WAA_WHSC_FK
 WASTE_HARVEST_STATUS_CODE = WASTE_HARVEST_STATUS_CODE.WASTE_HARVEST_STATUS_CODE
 WAA_WMTC_FK
 WASTE_MATURITY_TYPE_CODE = WASTE_MATURITY_TYPE_CODE.WASTE_MATURITY_TYPE_CODE
 WAA_WPBTC_FK
 WASTE_PARENT_BLOCK_TYPE_CODE =
 WASTE_PARENT_BLOCK_TYPE_CODE.WASTE_PARENT_BLOCK_TYPE_CODE
 WAA_WRU_FK
 REPORTING_UNIT_ID = WASTE_REPORTING_UNIT.REPORTING_UNIT_ID
 WAA_WSCC_FK
 WASTE_SURVEY_CHECK_CODE = WASTE_SURVEY_CHECK_CODE.WASTE_SURVEY_CHECK_CODE
 WAA_WSITC_FK
 WASTE_SITE_TYPE_CODE = WASTE_SITE_TYPE_CODE.WASTE_SITE_TYPE_CODE

Indexes:

WAA_CBLK_FK_I
 CB_SKEY
 WAA_HAA_FK_I
 TIMBER_MARK
 WAA_HEEMC_FK_I
 HBS_EDIT_ERR_MESSAGE_CODE
 HBS_EDIT_ERR_CATEGORY_CODE
 WAA_HSR_FK_I

Table: WASTE_ASSESSMENT_AREA (cont'd)*Indexes:*

DOCUMENT_CONTROL_NUMBER
WAA_MTC_FK_I
SURVEY_MAP_MIME_TYPE_CODE
WAA_PFU_FK_I
FOREST_FILE_ID
WAA_WAASC_FK_I
WASTE_ASSESS_AREA_STS_CODE
WAA_WAA_FK_I
PARENT_WAA_ID
WAA_WCTC_FK_I
WASTE_CONDITION_TYPE_CODE
WAA_WHSC_FK_I
WASTE_HARVEST_STATUS_CODE
WAA_WMTC_FK_I
WASTE_MATURITY_TYPE_CODE
WAA_WPBTC_FK_I
WASTE_PARENT_BLOCK_TYPE_CODE
WAA_WRU_FK_I
REPORTING_UNIT_ID
WAA_WSCC_FK_I
WASTE_SURVEY_CHECK_CODE
WAA_WSITC_FK_I
WASTE_SITE_TYPE_CODE

Notes:

2004/11/24: Removed status comment field.

Table: WASTE_ASSESSMENT_METHOD_CODE*Description:*

Identifies the sampling method for the stratum as either plot, estimated volume, estimated percent, or 100% measure scale.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_ASSESSMENT_METHOD_CODE Identifies the sampling method for the stratum as either plot, estimated volume, estimated percent, or 100% measure scale.	NOT NULL	VARCHAR2(4)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
20	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
21	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_ASSESSMENT_SEGREGATION*Description:*

Populated on WASTE-603 once rates are submitted to HBS for review. At this time the Status of the Assessment Area is set to "Ready to Bill" and a snapshot of the FS 702 report data is taken for this Assessment Area and stored in this entity. The HBS system takes control of the Assessment Area at this point and uses the data stored in this entity for invoicing purposes.

A segregation, in HBS (and WASTE) terms, is a unique combination of species, product, and grade, used to identify a collection of like pieces of timber. These unique combinations are the basis of how timber is rated, and billed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SCALE_GRADE_CODE A code used to describe the grade of log scaled.	NOT NULL	VARCHAR2(1)
* 2	SCALE_PRODUCT_CODE A code used to describe the product of log scaled.	NOT NULL	VARCHAR2(2)
* 3	SCALE_SPECIES_CODE Identifies the species for a given piece.	NOT NULL	VARCHAR2(2)
* 4	WASTE_ASSESSMENT_AREA_ID The unique identifier for a Waste Assessment Area	NOT NULL	NUMBER(12,0)
5	ESTIMATED_VOLUME Estimated volume of this Species/Grade/Product combination for a given Assessment Area.	NOT NULL	NUMBER(9,3)
6	RATE The assigned rate.	NOT NULL	NUMBER
7	AVOIDABLE_IND Indicates if the waste was avoidable. Derived from the WASTE CLASS CODE in WASTE PIECE.	NOT NULL	VARCHAR2(1)
8	NUMBER_OF_PIECES Number of pieces with this Species/Grade/Product combination for a given Assessment Area.	NOT NULL	NUMBER(6)

Foreign Keys:

WAS_SPGX_FK
 SCALE_GRADE_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_GRADE_CODE
 SCALE_PRODUCT_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_PRODUCT_CODE
 SCALE_SPECIES_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_SPECIES_CODE
 WAS_WAA_FK
 WASTE_ASSESSMENT_AREA_ID = WASTE_ASSESSMENT_AREA.WASTE_ASSESSMENT_AREA_ID

Indexes:

WAS_SPGX_FK_I
 SCALE_GRADE_CODE
 SCALE_SPECIES_CODE
 SCALE_PRODUCT_CODE
 WAS_WAA_FK_I
 WASTE_ASSESSMENT_AREA_ID

Table: WASTE_ASSESSMENT_SURVEY_MAP*Description:*

An area used to represent the area where the waste survey occurred

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WASTE_ASSESSMENT_AREA_ID The unique identifier for a Waste Assessment Area	NOT NULL	NUMBER(12,0)
2	SURVEY_MAP_DOCUMENT Licensee uploaded image which displays the waste survey on a waste assessment area. <i>Can be a image file, pdf or Word document file.</i>	NULL	IMAGE

Foreign Keys:

WAM_WAA_FK

WASTE_ASSESSMENT_AREA_ID = WASTE_ASSESSMENT_AREA.WASTE_ASSESSMENT_AREA_ID

Indexes:

WAM_WAA_FK_I

WASTE_ASSESSMENT_AREA_ID

Table: WASTE_ASSESS_AREA_STS_AUDIT*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_ASSESSMENT_AREA_AUDIT_ID The unique identifier of an assessment area status change audit.	NOT NULL	NUMBER(12,0)
30	WASTE_ASSESSMENT_AREA_ID The unique identifier for a Waste Assessment Area	NULL	NUMBER(12,0)
32	WASTE_ASSESS_AREA_STS_CODE The waste assessment area code.	NOT NULL	VARCHAR2(4)
33	WASTE_COMMENT The comment text for waste assessment area submissions and rejections	NULL	VARCHAR2(2000)
35	DOCUMENT_CONTROL_NUMBER	NULL	NUMBER(10)
40	ENTRY_USERID The unique user id of the resource who initially added the entry indicating who changed the status of the assessment area.	NOT NULL	VARCHAR2(30)
50	ENTRY_TIMESTAMP The date and time the entry was created indicating when the status of the assessment was changed.	NOT NULL	DATE
60	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
70	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

WAASA_HSR_FK
DOCUMENT_CONTROL_NUMBER = HBS_SCALE_RETURN.DOCUMENT_CONTROL_NUMBER

WAASA_WAASC_FK
WASTE_ASSESS_AREA_STS_CODE =
WASTE_ASSESS_AREA_STS_CODE.WASTE_ASSESS_AREA_STS_CODE

WAASA_WAA_FK
WASTE_ASSESSMENT_AREA_ID = WASTE_ASSESSMENT_AREA.WASTE_ASSESSMENT_AREA_ID

Indexes:

WAASA_HSR_FK_I
DOCUMENT_CONTROL_NUMBER

WAASA_WAASC_FK_I
WASTE_ASSESS_AREA_STS_CODE

WAASA_WAA_FK_I
WASTE_ASSESSMENT_AREA_ID

Table: WASTE_ASSESS_AREA_STS_CODE*Description:*

The status for a given waste assessment area.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_ASSESS_AREA_STS_CODE The waste assessment area code.	NOT NULL	VARCHAR2(4)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
25	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
30	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_BILLING_XREF*Description:*

A method of categorisation for stratum volumes by type of catastrophical loss, scale grade, material kind and class. This will indicate, for reporting purposes, whether the quality of lumber is fit for billing, cut control or other.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	CATASTROPHIC_IND Indicates if given entry is castrastrophic or endemic.	NOT NULL	VARCHAR2(1)
* 20	SCALE_GRADE_CODE A code used to describe the grade of log scaled.	NOT NULL	VARCHAR2(1)
* 30	WASTE_MATERIAL_KIND_CODE Specifies the nature or shape of a piece.	NOT NULL	VARCHAR2(1)
* 40	WASTE_CLASS_CODE Identifies the waste class of the piece.	NOT NULL	VARCHAR2(1)
50	WASTE_MATERIAL_CLASS_CODE The class of waste material.	NULL	VARCHAR2(1)
60	BILLING_IND Indicates if quality of lumber is fit for billing.	NOT NULL	VARCHAR2(1)
70	CUT_CONTROL_IND Indicates if quality of lumber is fit for cut control.	NOT NULL	VARCHAR2(1)
80	OTHER_IND Indicates if quality of lumber is fit for other purposes.	NOT NULL	VARCHAR2(1)

Foreign Keys:

WBX_SGC_FK
SCALE_GRADE_CODE = SCALE_GRADE_CODE.SCALE_GRADE_CODE

WBX_WCC_FK
WASTE_CLASS_CODE = WASTE_CLASS_CODE.WASTE_CLASS_CODE

WBX_WMCC_FK
WASTE_MATERIAL_CLASS_CODE = WASTE_MATERIAL_CLASS_CODE.WASTE_MATERIAL_CLASS_CODE

WBX_WMKC_FK
WASTE_MATERIAL_KIND_CODE = WASTE_MATERIAL_KIND_CODE.WASTE_MATERIAL_KIND_CODE

Indexes:

WBX_SGC_FK_I
SCALE_GRADE_CODE

WBX_WCC_FK_I
WASTE_CLASS_CODE

WBX_WMCC_FK_I
WASTE_MATERIAL_CLASS_CODE

WBX_WMKC_FK_I
WASTE_MATERIAL_KIND_CODE

Table: WASTE_BORDERLINE_CODE*Description:*

Identifies pieces laying across the boundary.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_BORDERLINE_CODE Identifies pieces laying across the boundary.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
18	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
19	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
20	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_CLASS_CODE*Description:*

Identifies the waste class of the piece.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_CLASS_CODE Identifies the waste class of the piece.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
18	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
19	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
20	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_COMMENT_CODE*Description:*

Identifies the type of comment made for a given piece.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_COMMENT_CODE Identifies the type of comment made for a given piece.	NOT NULL	VARCHAR2(2)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
35	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
36	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_CONDITION_TYPE_CODE*Description:*

Identifies the condition type for the given block.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_CONDITION_TYPE_CODE Identifies the condition type for the given block.	NOT NULL	VARCHAR2(3)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
17	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
20	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
30	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_DECAY_TYPE_CODE*Description:*

Identifies the type of decay in the piece.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_DECAY_TYPE_CODE Identifies the type of decay in the piece.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
25	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
26	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
30	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

Must be recorded whenever a deduction has been recorded.

Table: WASTE_DESIGNATION_TYPE_CODE*Description:*

Identifies the type of sponsor.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_DESIGNATION_TYPE_CODE Identifies the type of sponsor.	NOT NULL	VARCHAR2(3)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
35	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

Created 2005/03/29 as part of enhancements v1.3

Table: WASTE_DISPERSED_CV_CODE**Description:**

Identifies the proposed dispersed Coefficient of Variation percentage.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_DISPERSED_CV_CODE Identifies the proposed dispersed Coefficient of Variation percentage used. <i>2005/01/04: EMG: changed code-field to VARCHAR of length 3</i>	NOT NULL	VARCHAR2(3)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
18	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
20	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
30	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

2004/11/25: Created

2005/01/04: EMG: changed code-field to VARCHAR of length 3

Table: WASTE_HARVEST_METHOD_CODE*Description:*

Identifies the method used to harvest the waste type being sampled.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_HARVEST_METHOD_CODE Identifies the method used to harvest the waste type being sampled.	NOT NULL	VARCHAR2(2)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
40	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
45	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_HARVEST_STATUS_CODE*Description:*

This status denotes the degree of completeness of harvesting on the cutblock. Allowable values are: Complete, Incomplete and N/A. Complete is where harvested is completed, Incomplete means additional areas are to be harvested. N/A means non applicable such as for log decks, etc

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WASTE_HARVEST_STATUS_CODE The harvest status code.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION This code is to identify the remaining area not harvested so there is an audit trail available on the areas to be reported for waste assessments. The intent is to use the Harvest Status code at the block level, either within a CP or TSL. Often, a licensee because of the market for a certain species of timber, would stop logging on a cutblock, relocate logging to another area, and after a period come back and finish off the remaining areas that were not harvested in the first round."	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_LEVEL_CODE*Description:*

Identifies the level of waste on a stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_LEVEL_CODE Identifies the level of waste for a stratum.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
35	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_MATERIAL_CLASS_CODE*Description:*

The class of waste material.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_MATERIAL_CLASS_CODE The class of waste material.	NOT NULL	VARCHAR2(1)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
15	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
20	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_MATERIAL_KIND_CODE*Description:*

Specifies the nature or shape of a piece.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_MATERIAL_KIND_CODE Specifies the nature or shape of a piece.	NOT NULL	VARCHAR2(1)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
35	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_MATURITY_TYPE_CODE*Description:*

Specifies the growth type of the stratum. Valid values are mature or immature.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_MATURITY_TYPE_CODE Specifies the growth type of the stratum as either mature or immature.	NOT NULL	VARCHAR2(8)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
20	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
25	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
30	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_PARENT_BLOCK_TYPE_CODE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_PARENT_BLOCK_TYPE_CODE Identifies the type of Mult-Mark <i>Oct 18/2005-gBryce-CR 15</i>	NOT NULL	VARCHAR2(2)
20	DESCRIPTION The code description. <i>Oct 18/2005-gBryce-CR 15</i>	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use. <i>Oct 18/2005-gBryce-CR 15</i>	NOT NULL	DATE
40	EXPIRY_DATE The date after which the value is no longer available for use. <i>Oct 18/2005-gBryce-CR 15</i>	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified. <i>Oct 18/2005-gBryce-CR 15</i>	NOT NULL	DATE

Notes:

Oct 18/2005-gBryce-CR 15

Table: WASTE_PIECE**Description:**

The smallest measurable unit of a sample.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_PIECE_ID The unique identifier for a Piece	NOT NULL	NUMBER(12,0)
20	WASTE_PLOT_ID The unique identifier for a Plot	NULL	NUMBER(12,0)
30	WASTE_STRATUM_ID The unique identifier for a Stratum	NULL	NUMBER(12,0)
40	WASTE_PIECE_NUMBER The unique sequential number assigned to a piece by the surveyor during the survey process.	NOT NULL	NUMBER(3,0)
50	WASTE_MATERIAL_KIND_CODE Specifies the nature or shape of a piece.	NOT NULL	VARCHAR2(1)
60	WASTE_CLASS_CODE Identifies the waste class of the piece.	NOT NULL	VARCHAR2(1)
70	SCALE_GRADE_CODE A code used to describe the grade of log scaled.	NOT NULL	VARCHAR2(1)
80	SCALE_PRODUCT_CODE A code used to describe the product of log scaled.	NOT NULL	VARCHAR2(2)
90	SCALE_SPECIES_CODE Identifies the species for a given piece.	NOT NULL	VARCHAR2(2)
100	LENGTH Quantifies, in metres, the "in plot" length of the piece.	NULL	NUMBER(3,0)
110	TOP_DIAMETER Quantifies, in rads, the gross diameter, inside bark, of the top end.	NULL	NUMBER(3,0)
120	TOP_END_CODE Identifies the state of the piece end.	NULL	VARCHAR2(1)
130	BUTT_DIAMETER Quantifies, in rads, the gross diameter, inside bark, of the large end.	NULL	NUMBER(3,0)
135	BUTT_END_CODE Identifies the state of the piece end.	NULL	VARCHAR2(1)
140	WASTE_BORDERLINE_CODE Identifies pieces laying across the boundary.	NULL	VARCHAR2(1)
150	LENGTH_DEDUCTION Quantifies the length deduction in tenths of metres.	NULL	NUMBER(3,1)
160	TOP_DEDUCTION Quantifies, in rads, the diameter deduction for the top end.	NULL	NUMBER(3,0)
170	BUTT_DEDUCTION Quantifies, in rads, the diameter deduction for the butt end.	NULL	NUMBER(3,0)
180	WASTE_DECAY_TYPE_CODE Identifies the type of decay in the piece.	NULL	VARCHAR2(1)
190	WASTE_COMMENT_CODE Identifies the type of comment made for a given piece.	NULL	VARCHAR2(2)
195	ESTIMATED_VOLUME The estimated volume for the piece.	NULL	NUMBER(8,3)
197	ESTIMATED_PERCENT The estimated percent for the piece. <i>ptweb#27659 - OMullenders - 2005-08-23 - Increase size to 6,1 from 4,1</i>	NULL	NUMBER(4,1)
200	DENSITY_ESTIMATE For Ocular estimates, the density estimate for the piece. Units are m3/ha. <i>CR#21 - Steve Taylor - 2006-05-30 - Added attribute. Values were previously stored in estimated percent.</i>	NULL	NUMBER(6,1)
260	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
270	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
275	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE

Table: WASTE_PIECE (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
280	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
290	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

WPIE_PIE_UK1_UK
WASTE_STRATUM_ID
WASTE_PIECE_NUMBER
WPIE_PIE_UK_UK
WASTE_PLOT_ID
WASTE_PIECE_NUMBER

Foreign Keys:

WPIE_PEC_BUTT_FK
BUTT_END_CODE = WASTE_PIECE_END_CODE.WASTE_PIECE_END_CODE
WPIE_PEC_TOP_FK
TOP_END_CODE = WASTE_PIECE_END_CODE.WASTE_PIECE_END_CODE
WPIE_SGC_FK
SCALE_GRADE_CODE = SCALE_GRADE_CODE.SCALE_GRADE_CODE
WPIE_SPGX_FK
SCALE_GRADE_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_GRADE_CODE
SCALE_PRODUCT_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_PRODUCT_CODE
SCALE_SPECIES_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_SPECIES_CODE
WPIE_WACC_FK
WASTE_COMMENT_CODE = WASTE_COMMENT_CODE.WASTE_COMMENT_CODE
WPIE_WBC_FK
WASTE_BORDERLINE_CODE = WASTE_BORDERLINE_CODE.WASTE_BORDERLINE_CODE
WPIE_WCC_FK
WASTE_CLASS_CODE = WASTE_CLASS_CODE.WASTE_CLASS_CODE
WPIE_WDTC_FK
WASTE_DECAY_TYPE_CODE = WASTE_DECAY_TYPE_CODE.WASTE_DECAY_TYPE_CODE
WPIE_WMKC_FK
WASTE_MATERIAL_KIND_CODE = WASTE_MATERIAL_KIND_CODE.WASTE_MATERIAL_KIND_CODE
WPIE_WPLO_FK
WASTE_PLOT_ID = WASTE_PLOT.WASTE_PLOT_ID
WPIE_WSTR_FK
WASTE_STRATUM_ID = WASTE_STRATUM.WASTE_STRATUM_ID

Indexes:

WPIE_HTSC_FK_I
WPIE_SPGX_FK_I
SCALE_PRODUCT_CODE
SCALE_SPECIES_CODE
WPIE_WACC_FK_I
WASTE_COMMENT_CODE
WPIE_WBC_FK_I
WASTE_BORDERLINE_CODE
WPIE_WCC_FK_I
WASTE_CLASS_CODE
WPIE_WDTC_FK_I
WASTE_DECAY_TYPE_CODE
WPIE_WPEC_FK_I
BUTT_END_CODE
WPIE_WPLO_FK_I
WASTE_PLOT_ID
WPIE_WSTR_FK_I
WASTE_STRATUM_ID

Table: WASTE_PIECE (cont'd)*Notes:*

ptweb#27659 -OMullenders - 2005-08-23 - Increase estimated_percent entity size to 6,1 from 4,1

Table: WASTE_PIECE_END_CODE*Description:*

Identifies the state of the piece end.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_PIECE_END_CODE Identifies the state of the piece end.	NOT NULL	VARCHAR2(1)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
35	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_PLOT*Description:*

A population within a stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_PLOT_ID The unique identifier for a Plot	NOT NULL	NUMBER(12,0)
15	WASTE_STRATUM_ID The unique identifier for a Stratum	NOT NULL	NUMBER(12,0)
20	WASTE_PLOT_NUMBER The unique sequential number assigned to a plot by the surveyor during the survey process.	NOT NULL	NUMBER(3,0)
30	WASTE_BASELINE Identifies the baseline the plot is tied to.	NULL	VARCHAR2(1)
70	WASTE_STRIP Identifies the strip number the plots are located on.	NULL	NUMBER(2,0)
100	MEASURE_FACTOR Quantifies the percentage of the volume, within the plot boundaries that has been measured and recorded.	NOT NULL	NUMBER(3,0)
105	REVISION_COUNT A count of the number of times an entry in the entity has been modified.	NOT NULL	NUMBER(5,0)
107	ENTRY_USERID Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	VARCHAR2(30)
108	ENTRY_TIMESTAMP The unique user id of the resource who initially added the entry.	NOT NULL	DATE
109	UPDATE_USERID The date and time the entry was created.	NOT NULL	VARCHAR2(30)
110	UPDATE_TIMESTAMP The unique id of the user who last modified this entry.	NOT NULL	DATE
	The date and time the entry was last modified.		

Unique Constraints:

WPLO_PLO_UK_UK
 WPLO_UK
 WASTE_PLOT_NUMBER
 WASTE_STRATUM_ID
 WASTE_STRIP

Foreign Keys:

WPLO_WSTR_FK
 WASTE_STRATUM_ID = WASTE_STRATUM.WASTE_STRATUM_ID

Indexes:

WPLO_WSTR_FK_I
 WASTE_STRATUM_ID

Notes:

A strip/ plot number combination must be unique within a type stratum.

2004/11/27: added WASTE_STRIP to the unique identifier WPLO_UK, as part of enhancements v1.1.

Table: WASTE_PLOT_SIZE_CODE*Description:*

Identifies the plot size used.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_PLOT_SIZE_CODE Identifies the plot size used.	NOT NULL	NUMBER(5)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

All plots within a type stratum must be the same size.

Table: WASTE_RATE_SOURCE_CODE*Description:*

Identifies how the rate was calculated. All rates are derived from Harvest History based on differing criteria or can be entered directly by the user.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WASTE_RATE_SOURCE_CODE Identifies how the rate was calculated. All rates are derived from Harvest History based on differing criteria or can be entered directly by the user.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_REPORTING_UNIT**Description:**

Identifies the area for which the weighted sampling error objectives must be met.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	REPORTING_UNIT_ID The unique identifier for a Reporting Unit	NOT NULL	NUMBER(12,0)
15	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
20	CLIENT_LOCN_CODE A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.	NOT NULL	VARCHAR2(2)
21	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
61	WASTE_SAMPLING_OPTION_CODE The sampling option code.	NOT NULL	VARCHAR2(3)
84	WASTE_DISPERSED_CV_CODE Identifies the proposed dispersed CV % used. 2005/01/04 - EMG: Changed to Varchar2(3), from numeric.	NULL	VARCHAR2(3)
86	WASTE_ACCUMULATED_CV_CODE Identifies the proposed accumulated CV % used. 2005/01/04 - EMG: Changed to Varchar2(3), from numeric.	NULL	VARCHAR2(3)
97	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
107	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
117	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
127	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
137	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

WRU_CL_FK
 CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE
 CLIENT_NUMBER = CLIENT_LOCATION.CLIENT_NUMBER

WRU_OU_FK
 ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

WRU_SOC_FK
 WASTE_SAMPLING_OPTION_CODE =
 WASTE_SAMPLING_OPTION_CODE.WASTE_SAMPLING_OPTION_CODE

WRU_WACV_FK
 WASTE_ACCUMULATED_CV_CODE =
 WASTE_ACCUMULATED_CV_CODE.WASTE_ACCUMULATED_CV_CODE

WRU_WDCV_FK
 WASTE_DISPERSED_CV_CODE = WASTE_DISPERSED_CV_CODE.WASTE_DISPERSED_CV_CODE

Indexes:

WRU_CL_FK_I
 CLIENT_LOCN_CODE
 CLIENT_NUMBER

WRU_OU_FK_I
 ORG_UNIT_NO

Table: WASTE_REPORTING_UNIT (cont'd)*Indexes:*

WRU_SOC_FK_I
WASTE_SAMPLING_OPTION_CODE
WRU_WACV_FK_I
WASTE_ACCUMULATED_CV_CODE
WRU_WDCV_FK_I
WASTE_DISPERSED_CV_CODE

Notes:

If the block sampling option is being used, each block is a Reporting Unit (RU) and will be given a unique RU number.

If an aggregate sampling option is being used, each aggregate (group of blocks) is an RU and will be given a unique number.

2004/11/24: Removed status comment field. Removed Coefficient of Variation field, replaced with two relationships, to accumulated_CV and dispersed_CV. All part of enhancements v1.1.

2005/02/21 EMG: changed waste_dispersed_cv_code and waste_accumulated_cv_code to be optional.

Table: WASTE_RESIDUE_RATE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WSTRT_ID	NOT NULL	NUMBER(32)
2	TIMBER_MARK	NOT NULL	VARCHAR2(6)
	Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.		
3	CUT_BLOCK_ID	NOT NULL	VARCHAR2(10)
	The Cut Block ID is not nullable and does NOT have referential integrity to the Cut Block entity.		
	This is a result of HBS not enforcing RI on cut blocks but at the same time it not being nullable while WASTE rules typically allow null values but does enforce RI. A compromise was made that will place the value "NONE" into the Cut Block where the Cut Block of the Assessment Area is null.		
	This decision was mandated by Decision Request 090 on November 27, 2003.		
4	SCALE_SPECIES_CODE	NOT NULL	VARCHAR2(2)
	Identifies the species for a given piece.		
5	SCALE_PRODUCT_CODE	NOT NULL	VARCHAR2(2)
	A code used to describe the product of log scaled.		
6	SCALE_GRADE_CODE	NOT NULL	VARCHAR2(1)
	A code used to describe the grade of log scaled.		
7	WASTE_RATE_SOURCE_CODE	NULL	VARCHAR2(2)
	Identifies how the rate was calculated. All rates are derived from Harvest History based on differing criteria or can be entered directly by the user.		
8	ACTIVE_IND	NOT NULL	VARCHAR2(1)
14	AVOIDABLE_IND	NOT NULL	VARCHAR2(1)
15	RATE	NOT NULL	NUMBER(5,2)
16	EFFECTIVE_DATE	NOT NULL	DATE
17	EXPIRY_DATE	NOT NULL	DATE
18	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The unique user id of the resource who initially added the entry.		
19	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was created.		
20	UPDATE_USERID	NULL	VARCHAR2(30)
	The unique id of the user who last modified this entry.		
21	UPDATE_TIMESTAMP	NULL	DATE
	The date and time the entry was last modified.		

Foreign Keys:

WRR_HAA_FK
TIMBER_MARK = HAULING_AUTHORITY.TIMBER_MARK

WRR_SPGX_FK
SCALE_GRADE_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_GRADE_CODE
SCALE_PRODUCT_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_PRODUCT_CODE
SCALE_SPECIES_CODE = SPECIES_PRODUCT_GRADE_XREF.SCALE_SPECIES_CODE

WRR_WRSC_FK
WASTE_RATE_SOURCE_CODE = WASTE_RATE_SOURCE_CODE.WASTE_RATE_SOURCE_CODE

Indexes:

WRR_HAA_FK_I
TIMBER_MARK

WRR_SPGX_FK_I
SCALE_SPECIES_CODE
SCALE_PRODUCT_CODE
SCALE_GRADE_CODE

WRR_WRSC_FK_I
WASTE_RATE_SOURCE_CODE

Table: WASTE_SAMPLING_OPTION_CODE*Description:*

The waste reporting option that define the waste reporting units containing harvested cutblocks available for assessment in the reporting year.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_SAMPLING_OPTION_CODE The sampling option code.	NOT NULL	VARCHAR2(3)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
17	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
18	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
20	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_SITE_TYPE_CODE*Description:*

Identifies the site type for a cut block.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_SITE_TYPE_CODE Identifies the site type for a cut block.	NOT NULL	VARCHAR2(2)
20	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
35	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
40	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_SPONSOR*Description:*

The sponsoring Registered Professional Forester or Registered Forest Technician.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_SPONSOR_ID The unique identifier for a Waste Sponsor	NOT NULL	NUMBER(12,0)
40	WASTE_ASSESSMENT_AREA_ID The unique identifier for a Waste Assessment Area	NULL	NUMBER(12,0)
45	WASTE_SUBMITTER_ROLE_TYPE_CODE	NOT NULL	VARCHAR2(3)
50	SURVEYOR_SCALER_LICENSE_NUMBER Indicates whether or not the submitter of the Annual Plan/Reporting Unit/Assessment Area is a licensed waste surveyor or scaler.	NULL	VARCHAR2(5)
60	PERSONALLY_COMPLETED_IND Indicates whether or not the work has been personally completed by the submitter of the Annual Plan/Reporting Unit/Assessment Area.	NULL	VARCHAR2(1)
70	SPONSORED_BY_RFP_RFT_IND Indicates whether or not the work has been sponsored by an RPF or RFT.	NULL	VARCHAR2(1)
75	WASTE_DESIGNATION_TYPE_CODE Identifies the type of sponsor.	NULL	VARCHAR2(3)
80	LICENSE_NUMBER The license number of the sponsoring RPF/RFT.	NULL	VARCHAR2(5)
90	NAME The full name of the sponsor.	NULL	VARCHAR2(80)
100	PHONE The phone number of the sponsoring RPF/RFT.	NULL	VARCHAR2(12)
110	FAX The fax number of the sponsoring RPF/RFT.	NULL	VARCHAR2(12)
120	EMAIL The email address of the sponsoring RPF/RFT.	NULL	VARCHAR2(100)
125	REVISION_COUNT A count of the number of times an entry in the entity has been modified.	NOT NULL	NUMBER(5,0)
130	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
140	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
150	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
160	UPDATE_TIMESTAMP The date and time the entry was updated.	NOT NULL	DATE

Foreign Keys:

WS_WAA_FK
WASTE_ASSESSMENT_AREA_ID = WASTE_ASSESSMENT_AREA.WASTE_ASSESSMENT_AREA_ID

WS_WDTC1_FK
WASTE_DESIGNATION_TYPE_CODE =
WASTE_DESIGNATION_TYPE_CODE.WASTE_DESIGNATION_TYPE_CODE

WS_WSRTC_FK
WASTE_SUBMITTER_ROLE_TYPE_CODE =
WASTE_SUBMITTER_ROLE_TYPE_CODE.WASTE_SUBMITTER_ROLE_TYPE_CODE

Indexes:

WS_WAA_FK_I
WASTE_ASSESSMENT_AREA_ID

WS_WDTC1_FK_I
WASTE_DESIGNATION_TYPE_CODE

WS_WSRTC_FK_I
WASTE_SUBMITTER_ROLE_TYPE_CODE

Notes:

Table: WASTE_SPONSOR (cont'd)*Notes:*

Created 2005/03/29 as part of enhancements v1.3

Table: WASTE_STRATUM**Description:**

A sub-population within a block made for sampling purposes.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_STRATUM_ID The unique identifier for a Stratum	NOT NULL	NUMBER(12,0)
15	WASTE_ASSESSMENT_AREA_ID The unique identifier for a Waste Assessment Area	NOT NULL	NUMBER(12,0)
25	WASTE_STRATUM_TYPE_CODE Identifies the waste type for a given stratum as either Accumulated or Dispersed.	NOT NULL	VARCHAR2(3)
35	WASTE_TYPE_CODE The waste cut block status code.	NULL	VARCHAR2(3)
45	WASTE_HARVEST_METHOD_CODE Identifies the method used to harvest the waste type being sampled.	NULL	VARCHAR2(2)
52	WASTE_ASSESSMENT_METHOD_CODE Identifies the sampling method for the stratum as either plot, estimated volume, estimated percent, or 100% measure scale.	NOT NULL	VARCHAR2(4)
56	WASTE_PLOT_SIZE_CODE Identifies the plot size used.	NULL	NUMBER(5)
58	WASTE_LEVEL_CODE Identifies the level of waste for a stratum.	NULL	VARCHAR2(1)
60	STRATUM_AREA Quantifies, in hectares, the total area of the stratum for sampling and/or estimating.	NOT NULL	NUMBER(5,2)
70	TOTAL_ESTIMATED_VOLUME The total estimated volume required for a standing tree.	NULL	NUMBER(5,0)
160	REVISION_COUNT <i>This field is specific, and required, only to stratus of type Standing Tree with Estimated Percent method.</i> A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
165	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
167	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
168	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
170	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

WSTR_PSC_FK
WASTE_PLOT_SIZE_CODE = WASTE_PLOT_SIZE_CODE.WASTE_PLOT_SIZE_CODE

WSTR_WAA_FK
WASTE_ASSESSMENT_AREA_ID = WASTE_ASSESSMENT_AREA.WASTE_ASSESSMENT_AREA_ID

WSTR_WAMC_FK
WASTE_ASSESSMENT_METHOD_CODE =
WASTE_ASSESSMENT_METHOD_CODE.WASTE_ASSESSMENT_METHOD_CODE

WSTR_WHMC_FK
WASTE_HARVEST_METHOD_CODE =
WASTE_HARVEST_METHOD_CODE.WASTE_HARVEST_METHOD_CODE

WSTR_WLC_FK
WASTE_LEVEL_CODE = WASTE_LEVEL_CODE.WASTE_LEVEL_CODE

WSTR_WSTC_FK
WASTE_STRATUM_TYPE_CODE = WASTE_STRATUM_TYPE_CODE.WASTE_STRATUM_TYPE_CODE

WSTR_WTC_FK
WASTE_TYPE_CODE = WASTE_TYPE_CODE.WASTE_TYPE_CODE

Indexes:

WSTR_HMC_FK_I
WASTE_HARVEST_METHOD_CODE

Table: WASTE_STRATUM (cont'd)*Indexes:*

WSTR_PSC_FK_I
WASTE_PLOT_SIZE_CODE
WSTR_WAA_FK_I
WASTE_ASSESSMENT_AREA_ID
WSTR_WAMC_FK_I
WASTE_ASSESSMENT_METHOD_CODE
WSTR_WLC_FK_I
WASTE_LEVEL_CODE
WSTR_WSTC_FK_I
WASTE_STRATUM_TYPE_CODE
WSTR_WTC_FK_I
WASTE_TYPE_CODE

Table: WASTE_STRATUM_TYPE_CODE*Description:*

Identifies the waste type for a given stratum as either Accumulated or Dispersed.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_STRATUM_TYPE_CODE Identifies the waste type for a given stratum as either Accumulated or Dispersed.	NOT NULL	VARCHAR2(3)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
40	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
45	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

Accumulated: A waste type composed of Landings, Roadside, Windrow Debuilt Road, Cold Decked, Spot Accumulation, and Off-site landing sub waste types.

Dispersed: A waste type composed of Open Slash/Clearcut, Felled and Buked, Group Retention, and Dispersed Retention sub waste types.

Table: WASTE_SUBMITTER_ROLE_TYPE_CODE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_SUBMITTER_ROLE_TYPE_CODE	NOT NULL	VARCHAR2(3)
15	DESCRIPTION	NOT NULL	VARCHAR2(120)
17	EFFECTIVE_DATE	NOT NULL	DATE
20	EXPIRY_DATE	NOT NULL	DATE
30	UPDATE_TIMESTAMP	NOT NULL	DATE

Table: WASTE_SURVEY_CHECK_CODE*Description:*

Identifies the outcome of survey check by district staff.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WASTE_SURVEY_CHECK_CODE Identifies the outcome of survey check by district staff.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Table: WASTE_TYPE_CODE*Description:*

Identifies the waste type for a given stratum.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	WASTE_TYPE_CODE The waste cut block status code.	NOT NULL	VARCHAR2(3)
15	DESCRIPTION The code description.	NOT NULL	VARCHAR2(120)
40	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
45	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WASTE_TYPE_STRATUM_XREF*Description:*

Specifies the waste types applicable to each stratum type.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	WASTE_TYPE_CODE The waste cut block status code.	NOT NULL	VARCHAR2(3)
* 4	WASTE_STRATUM_TYPE_CODE Identifies the waste type for a given stratum as either Accumulated or Dispersed.	NOT NULL	VARCHAR2(3)

Foreign Keys:

WTSX_WSTC_FK

WASTE_STRATUM_TYPE_CODE = WASTE_STRATUM_TYPE_CODE.WASTE_STRATUM_TYPE_CODE

WTSX_WTC_FK

WASTE_TYPE_CODE = WASTE_TYPE_CODE.WASTE_TYPE_CODE

Indexes:

WTSX_WSTC_FK_I

WASTE_STRATUM_TYPE_CODE

WTSX_WTC_FK_I

WASTE_TYPE_CODE

Table: WASTE_T_DISTRIBUTION*Description:*

Stores t distribution values for use with reporting statistics.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	DEGREES_OF_FREEDOM The number of values in the final calculation of a statistic that are free to vary.	NOT NULL	NUMBER(5,0)
10	CONFIDENCE_INTERVAL A value that has a specified probability of containing the parameter being estimated.	NOT NULL	NUMBER(8,3)
15	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
16	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
21	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
22	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
24	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE