Entity and Attribute Definitions Report

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Total Pages:	60
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Parameters

Application:	WASTE
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Include Entity Notes?	Y
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Entity Name: CLIENT LOCATION *Short Name:* CL

Plural: CLIENT LOCATION

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	CLIENT NUMBER		N	VARCHAR2	8
	Sequentially assigned number to identify a ministry client.				
*	CLIENT LOCN CODE		N	VARCHAR2	2
	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.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE the submitter of one or more WASTE REPORTING UNIT

* = *Relationships in primary unique identifier.*

Unique Identifiers:

CL_PK *Primary* *Y*

CLIENT NUMBER
CLIENT LOCN CODE

Entity Name: COAST SCALE GRADE CODE *Short Name:* CSGC

Plural: COAST SCALE GRADE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A code used to describe the coast scale log grades.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	COAST SCALE GRADE CODE		N	VARCHAR2	1

A code used to describe the coast scale log grades.

Allowable Values of Attribute

SPAR - SPAR

GRAP - GRAPPLE

TRAC - TRACTOR

HORS - HORSE

RTS - RUBBER TIRED SKIDDER

HAND - HAND LOGGING

HOEC - HOE CHUCKING

HELI - HELICOPTER

WYSS - WYSSEN

OTHE - OTHER

ANY - ANY COMBINATION

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE		N	DATE

The date this value is available for use.

EXPIRY DATE		N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP		N	DATE

The date and time the value was last modified.

* = *Attributes in primary unique identifier.*

Unique Identifiers:

CSGC_PK *Primary* *Y*

COAST SCALE GRADE CODE

Entity Name: COAST WMRF GRADE CODE *Short Name:* CWGC

Plural: COAST WMRF GRADE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	COAST WMRF GRADE CODE		N	VARCHAR2	1
	A code used to describe the interior scale log grades.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Unique Identifiers:

CWGC PK *Primary* *Y*

COAST WMRF GRADE CODE

Entity Name: CUT BLOCK *Short Name:* CBLK

Plural: CUT BLOCK

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	CB SKEY		N	NUMBER	10
	The unique identifer for a cut block.				
	CUT BLOCK ID		N	VARCHAR2	10
	Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).				
	SP EXEMPT IND		N	VARCHAR2	1
	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.				
	Allowable Values of Attribute				
	N	N			
	Y	Y			
	BLOCK STATUS DATE		Y	DATE	
	The date on which the current cut block status was set.				
	CUT BLOCK DESCRIPTION		Y	VARCHAR2	120
	Description of the cut block				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	Timestamp when the event information was entered.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE a cut block for one or more WASTE ASSESSMENT AREA

* = *Relationships in primary unique identifier.*

Unique Identifiers:

CBLK *Primary* *Y*

CB SKEY

Entity Name: HAULING AUTHORITY *Short Name:* HAA

Plural: HAULING AUTHORITY

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	TIMBER MARK		Y	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.				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	Timestamp when the event information was entered.				
	UPDATE USERID		N	VARCHAR2	30
	The userid of the individual who last updated this information.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time of the last update.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE the hauling authority for one or more CUT BLOCK

MAY BE the hauling authority for one or more CUT BLOCK

MAY BE the hauling authority for one or more HARVESTING HAULING XREF

MAY BE describing one or more MARK LAND INDEX

MAY BE describing the marking instrument for one and only one MARKING INSTRUMENT CODE

MAY BE marking method typed by one and only one MARKING METHOD CODE

MAY BE the hauling authority for one and only one PROV FOREST USE

MAY BE the hauling authority for one and only one PROV FOREST USE

MAY BE hauling authority for one or more ROAD SECTION AMEND SEGMENT

MAY BE hauling authority for one or more ROAD SEGMENT

MUST BE represented by one and only one TIMBER MARK

MAY BE describing one or more TMBR MARK AMEND

MAY BE a timber mark for one or more WASTE ASSESSMENT AREA

MAY BE a timber mark for one or more WASTE RESIDUE RATE

** = Relationships in primary unique identifier.*

Unique Identifiers:

TM PK *Primary* *Y*

TIMBER MARK

Entity Name: HBS EDIT ERR MESSAGE CODE *Short Name:* HEEMC

Plural: HBS EDIT ERR MESSAGE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	HBS EDIT ERR MESSAGE CODE		N	VARCHAR2	6
	A code used to identify an error message that an edit event may generate				
*	HBS EDIT ERR CATEGORY CODE		N	VARCHAR2	3
	A code used to identify an error message that an edit event may generate				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE ASSESSMENT AREA

* = *Relationships in primary unique identifier.*

Unique Identifiers:

HEEMC PK *Primary* *Y*

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.

Entity Name: HBS SCALE RETURN *Short Name:* HSR

Plural: HBS SCALE RETURN

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DOCUMENT CONTROL NUMBER		Y	NUMBER	10

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE ASSESS AREA STS AUDIT

MAY BE applied to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

HSR PK *Primary* *Y*

DOCUMENT CONTROL NUMBER

Entity Name: INTERIOR SCALE GRADE CODE

Short Name: ISGC

Plural: INTERIOR SCALE GRADE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A code used to describe the interior scale log grades.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	INTERIOR SCALE GRADE CODE		N	VARCHAR2	1

A code used to describe the interior scale log grades.

Allowable Values of Attribute

SPAR - SPAR

GRAP - GRAPPLE

TRAC - TRACTOR

HORS - HORSE

RTS - RUBBER TIRED SKIDDER

HAND - HAND LOGGING

HOEC - HOE CHUCKING

HELI - HELICOPTER

WYSS - WYSSEN

OTHE - OTHER

ANY - ANY COMBINATION

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE PIECE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

ISGC_PK *Primary* *Y*

INTERIOR SCALE GRADE CODE

Entity Name: INTERIOR WMRF GRADE CODE *Short Name:* IWGC

Plural: INTERIOR WMRF GRADE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	INTERIOR WMRF GRADE CODE		N	VARCHAR2	1
	A code used to describe the interior scale log grades.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Unique Identifiers:

IWGC PK *Primary* *Y*

INTERIOR WMRF GRADE CODE

Entity Name: MIME TYPE CODE *Short Name:* MTC

Plural: MIME TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	MIME TYPE CODE		Y	VARCHAR2	3
	DESCRIPTION		Y	VARCHAR2	120
	EFFECTIVE DATE		Y	DATE	
	EXPIRY DATE		Y	DATE	
	UPDATE TIMESTAMP		Y	DATE	

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE ASSESSMENT AREA

* = *Relationships in primary unique identifier.*

Unique Identifiers:

MTC *Primary* *Y*

MIME TYPE CODE

Entity Name: ORG UNIT *Short Name:* OU

Plural: ORG UNIT

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	ORG UNIT NO		N	NUMBER	10,0

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".

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE the ministry district repsonsible for one or more WASTE REPORTING UNIT

* = *Relationships in primary unique identifier.*

Unique Identifiers:

OU_PK *Primary* *Y*

ORG UNIT NO

Entity Name: PROV FOREST USE *Short Name:* PFU

Plural: PROV FOREST USE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	FOREST FILE ID		N	VARCHAR2	10
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
	MGMT UNIT ID		Y	VARCHAR2	4
	The administrative management unit identifier defined by the ministry for managing the forest tenure, eg. 41 - Dawson Creek TSA.				
	FILE STATUS DATE		Y	DATE	
	The date on which the current forest land use status was set.				
	DISTRICT ADMIN ZONE		Y	VARCHAR2	4
	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.				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	Timestamp when the event information was entered.				
	UPDATE USERID		N	VARCHAR2	30
	The userid of the individual who last updated this information.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time of the last update.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE a licence for one or more WASTE ASSESSMENT AREA

* = *Relationships in primary unique identifier.*

Unique Identifiers:

PROV_FOREST_USE_PK *Primary* *Y*

FOREST FILE ID

Notes:

FTA GTNR

Entity Name: SCALE GRADE CODE *Short Name:* SGC

Plural: SCALE GRADE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SCALE GRADE CODE		N	VARCHAR2	1

A code used to describe the grade of log scaled.

Allowable Values of Attribute

U -

X -

Z - FIRMWOOD REJECT

Y -

3 - DEAD/DRY SAWLOGS

4 - LUMBER REJECT

5 - DEAD/DRY LUMBER REJECT

6 - UNDERSIZED LOG GRADE

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more SPECIES PRODUCT GRADE XREF

MAY BE applied to one or more WASTE BILLING XREF

MAY BE applied against one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

GC PK *Primary* *Y*

SCALE GRADE CODE

Entity Name: SCALE PRODUCT CODE *Short Name:* SPC

Plural: SCALE PRODUCT CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SCALE PRODUCT CODE		N	VARCHAR2	2
	A code used to describe the product of log scaled.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more SPECIES PRODUCT GRADE XREF

** = Relationships in primary unique identifier.*

Unique Identifiers:

PC PK *Primary* *Y*

SCALE PRODUCT CODE

Entity Name: SCALE SPECIES CODE *Short Name:* SSC

Plural: SCALE SPECIES CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	SCALE SPECIES CODE		N	VARCHAR2	2
	Identifies the species for a given piece.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more SPECIES PRODUCT GRADE XREF

** = Relationships in primary unique identifier.*

Unique Identifiers:

SSC PK *Primary* *Y*

SCALE SPECIES CODE

Entity Name: SPECIES PRODUCT GRADE XREF *Short Name:* SPGX

Plural: SPECIES PRODUCT GRADE XREF

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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 the the HBS system and is populated by HBS.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
EFFECTIVE DATE		N	DATE	
The date this value is available for use.				
EXPIRY DATE		N	DATE	
The date after which the value is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE grade code identified by one and only one SCALE GRADE CODE

* MUST BE product code identified by one and only one SCALE PRODUCT CODE

* MUST BE species code identified by one and only one SCALE SPECIES CODE

MAY BE applied to one or more WASTE ASSESSMENT SEGREGATION

MAY BE applied to one or more WASTE PIECE

MAY BE applied to one or more WASTE RESIDUE RATE

** = Relationships in primary unique identifier.*

Unique Identifiers:

SPGX PK *Primary* *Y*

MUST BE grade code identified by one and only one SCALE GRADE CODE
MUST BE product code identified by one and only one SCALE PRODUCT CODE
MUST BE species code identified by one and only one SCALE SPECIES CODE

Entity Name: WASTE ACCUMULATED CV CODE *Short Name:* WACV

Plural: WASTE ACCUMULATED CV CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the proposed accumulated Coefficient of Variation percentage.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE ACCUMULATED CV CODE		N	VARCHAR2	3

Identifies the proposed Co-efficient of Variation percentage used.

Allowable Values of Attribute

50 - 50
100 - 100
200 - 200
300 - 300
400 - 400
500 - 500
600 - 600
1000 - 1000
5000 - 5000
10000 - 10000

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE accumulated for one or more WASTE REPORTING UNIT
MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

* = *Relationships in primary unique identifier.*

Unique Identifiers:

PSC PK *Primary* *Y*

WASTE ACCUMULATED CV CODE

Notes:

2004/11/25: Created
Was previously stored in the Coefficient_of_variation column, but needs to be a dropdown with predefined values.
2005/01/04: EMG: changed code-field to VARCHAR of length 3

Entity Name: WASTE ASSESS AREA STS AUDIT *Short Name:* WAASA

Plural: WASTE ASSESS AREA STS AUDIT

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Audits the status of an assessment area capturing who and when the status changed and the current status.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE ASSESSMENT AREA AUDIT ID		N	NUMBER	12,0
	The unique identifier of an assessment area status change audit.				
	WASTE COMMENT		Y	VARCHAR2	2000
	The comment text for waste assessment area submissions and rejections				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry indicating who changed the status of the assessment area.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created indicating when the status of the assessment was changed.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE document number defined by one and only one HBS SCALE RETURN

MUST BE assess area audit identied by one and only one WASTE ASSESS AREA STS CODE

MAY BE providing the auditing for one and only one WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

WAASA_PK *Primary* *Y*

WASTE ASSESSMENT AREA AUDIT ID

Entity Name: WASTE ASSESS AREA STS CODE *Short Name:* WAASC

Plural: WASTE ASSESS AREA STS CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

The Status of the Waste Asessment Area describes its state as it is processed from both the WASTE and HBS applications. After the survey data has been attatched and has been approved it will have it status set to "Ready to Bill". At this time, HBS takes control of the Assessment Area and pushes it through the billing process until it has been invoiced.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE ASSESS AREA STS CODE		N	VARCHAR2	4

The waste assessment area code.

Allowable Values of Attribute

DRFT - DRAFT

LSUB - LICENSEE SUBMITTED

DAPP - DISTRICT APPROVED

DREJ - DISTRICT REJECTED

DCTV - DEACTIVATED

CMPL - COMPLETED

BLPR - BILLING PROCESSED

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE assigned to one or more WASTE ASSESS AREA STS AUDIT

MAY BE assigned to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

WAASC PK *Primary* *Y*

WASTE ASSESS AREA STS CODE

Entity Name: WASTE ASSESSMENT AREA *Short Name:* WAA

Plural: WASTE ASSESSMENT AREA

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE ASSESSMENT AREA ID		N	NUMBER	12,0

The unique identifier for a Waste Assessment Area

YEAR LOGGED FROM — Y NUMBER 4,0

The year primary logging started on the cut block.

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.

YEAR LOGGED TO — Y NUMBER 4,0

The year primary logging was completed.

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.

PRIMARY LOGGING COMPLETE DATE — Y DATE

Identifies the date on which falling and yarding of the wood to roadside has been completed.

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 from the roadside or landings.

SURVEY DATE — Y DATE

Identifies the date in which the plot was established in the block.

MARK AREA — Y NUMBER 5,2

Quantifies, in hectares, the area of this partion. Column is used in the creation of Multi-Mark/Parent Block child assessment areas (see WAA_WAA_FK). When refering 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 defualts to the NET_AREA on the parent and is entered seperately on the children. These numbers are used for computing volumes on the FS 702 report.

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.

WASTE NET AREA — N NUMBER 5,2

Quantifies, in hectares, the total area of all stratum areas available for sampling and/or estimating.

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.

WASTE ROADS AREA — Y 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.

REMAINING HARVEST AREA — Y NUMBER 5,2

Entity Name: WASTE ASSESSMENT AREA (cont'd) *Short Name:* WAA

Net cut block area - harvested area = Remaining harvest area (The area remains to be harvested.)

BENCHMARK VOLUME	Y	NUMBER	2,0

Quantifes, in cubic metres, per hectare of avoidable waste threshold.

CRUISE VOLUME	Y	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.

RETURN NUMBER	Y	VARCHAR2	4

The return number of the waste cut block.

WASTE SURVEYOR LICENCE	Y	VARCHAR2	4

Identifies the license number of the waste surveyor responsible for the establishment of the plot.

ASSESS STATUS CHANGE DATE	Y	DATE	

Identifies when the waste cut block status was last changed.

SURVEY MAP DOCUMENT NAME	Y	VARCHAR2	50

The name of the Suvey Map file uploaded.

PARENT BLOCK IND	N	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.

Allowable Values of Attribute

N

Y

NUMBER OF PLOTS CHECKED	Y	NUMBER	3

The number of plots in the assessment area that were checked by district staff.

INVOICE NOTATION	Y	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 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.

DRAFT TIMBER MARK	Y	VARCHAR2	10

The timber mark for an assessment area in Draft status

DRAFT CUTTING PERMIT ID	Y	VARCHAR2	3

The cutting permit for an assessment area in Draft status

DRAFT CUT BLOCK ID	Y	VARCHAR2	10

The cut block for an assessment area in Draft status

CUTTING PERMIT ID	Y	VARCHAR2	3

Identifier for a cutting permit associated with a quota type harvesting tenure.

CUT BLOCK ID	Y	VARCHAR2	10

Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).

REVISION COUNT	N	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.

ENTRY USERID	N	VARCHAR2	30

The unique user id of the resource who initially added the entry.

ENTRY TIMESTAMP	N	DATE	

The date and time the entry was created.

UPDATE USERID	N	VARCHAR2	30

Entity Name: WASTE ASSESSMENT AREA (cont'd) *Short Name:* WAA

The unique id of the user who last modified this entry.

UPDATE TIMESTAMP N DATE

The date and time the entry was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE an assessment area for one and only one CUT BLOCK
or MUST BE an assessment area for one and only one PROV FOREST USE
or MAY BE an assessment for one and only one HAULING AUTHORITY
MAY BE edit error message identified one and only one HBS EDIT ERR MESSAGE CODE
MAY BE document number defined by one and only one HBS SCALE RETURN
MAY BE survey map document mime type identified by one and only one MIME TYPE CODE
MUST BE the assessment area for one or more WASTE ASSESS AREA STS AUDIT
MUST BE assess area identified by one and only one WASTE ASSESS AREA STS CODE
MAY BE child of one and only one WASTE ASSESSMENT AREA
MAY BE the Parent Block of one and only one WASTE ASSESSMENT AREA
MAY BE the holder of one or more WASTE ASSESSMENT SEGREGATION
MAY BE performed within one and only one WASTE ASSESSMENT SURVEY MAP
MAY BE condition type identified by one and only one WASTE CONDITION TYPE CODE
MAY BE harvest status identified by one and only one WASTE HARVEST STATUS CODE
MAY BE maturity type identified by one and only one WASTE MATURITY TYPE CODE
MAY BE type of assessment area children one and only one WASTE PARENT BLOCK TYPE CODE
MUST BE the assessment area for one and only one WASTE REPORTING UNIT
MAY BE site type identified by one and only one WASTE SITE TYPE CODE
MAY BE assigned to one or more WASTE SPONSOR
MAY BE the holder of one or more WASTE STRATUM
MAY BE survey check identified by one and only one WASTE SURVEY CHECK CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

WAA_PK *Primary Y*

WASTE ASSESSMENT AREA ID

Notes:

2004/11/24: Removed status comment field.

Entity Name: WASTE ASSESSMENT METHOD CODE *Short Name:* WAMC

Plural: WASTE ASSESSMENT METHOD CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE ASSESSMENT METHOD CODE		N	VARCHAR2	4

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

Allowable Values of Attribute

PLOT - PLOT

O - OCULAR

EP - PERCENT ESTIMATE

100 - 100 PERCENT SCALE

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

MC PK *Primary* *Y*

WASTE ASSESSMENT METHOD CODE

Notes:

Volume: A type of estimate of the total waste volume in a stratum or pile estimating a specific volume for each species, kind of material,, waste class and grade combination.

Percent: A type of estimate of the volume of billable and cut control accountable material broken down into percent for each species, kind of material, waste class, and grade combination.

100 Percent: A type of estimate where 100 percent of the pieces in an accumulation, a small dispersed area, a log deck or an area of felled and bucked can be measured (scaled).

Entity Name: WASTE ASSESSMENT SEGREGATION

Short Name: WAS

Plural: WASTE ASSESSMENT SEGREGATION

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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 entiry 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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	AVOIDABLE IND		N	VARCHAR2	1
	Indicates if the waste was avoidable. Derived from the WASTE CLASS CODE in WASTE PIECE.				
	ESTIMATED VOLUME		N	NUMBER	9,3
	Estimated volume of this Species/Grade/Product combination for a given Assessment Area.				
	RATE		N	NUMBER	
	The assigned rate.				
	NUMBER OF PIECES		N	NUMBER	6
	Number of pieces with this Species/Grade/Product combination for a given Assessment Area.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE Species, Product, Grade identified by one and only one SPECIES PRODUCT GRADE XREF
* MUST BE summary data for one and only one WASTE ASSESSMENT AREA

* = *Relationships in primary unique identifier.*

Unique Identifiers:

WSS PK *Primary* *Y*

AVOIDABLE IND
MUST BE Species, Product, Grade identified by one and only one SPECIES PRODUCT GRADE XREF
MUST BE summary data for one and only one WASTE ASSESSMENT AREA

Entity Name: WASTE ASSESSMENT SURVEY MAP *Short Name:* WAM

Plural: WASTE ASSESSMENT SURVEY MAP

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*
SURVEY MAP DOCUMENT		Y	IMAGE	

Licensee uploaded image which displays the waste survey on a waste assessment area.

Can be a image file, pdf or Word document file.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE the survey map for one and only one WASTE ASSESSMENT AREA

* = *Relationships in primary unique identifier.*

Unique Identifiers:

WAM *Primary* *Y*

MUST BE the survey map for one and only one WASTE ASSESSMENT AREA

Entity Name: WASTE BILLING XREF *Short Name:* WBX

Plural: WASTE BILLING XREF

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A method of categorisation for stratum volumes by type of catastophic 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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	CATASTROPHIC IND		N	VARCHAR2	1

Indicates if given entry is castrastrophic or endemic.

Allowable Values of Attribute

Y

N

BILLING IND — N VARCHAR2 1

Indicates if quality of lumber is fit for billing.

Allowable Values of Attribute

Y

N

CUT CONTROL IND — N VARCHAR2 1

Indicates if quality of lumber is fit for cut control.

Allowable Values of Attribute

Y

N

OTHER IND — N VARCHAR2 1

Indicates if quality of lumber is fit for other purposes.

Allowable Values of Attribute

Y

N

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE grade code identified by one and only one SCALE GRADE CODE
* MUST BE waste class identified by one and only one WASTE CLASS CODE

MAY BE material class identified by one and only one WASTE MATERIAL CLASS CODE

* MUST BE material kind identified by one and only one WASTE MATERIAL KIND CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

WBX PK *Primary* *Y*

CATASTROPHIC IND
MUST BE grade code identified by one and only one SCALE GRADE CODE
MUST BE material kind identified by one and only one WASTE MATERIAL KIND CODE
MUST BE waste class identified by one and only one WASTE CLASS CODE

Entity Name: WASTE BORDERLINE CODE *Short Name:* WBC

Plural: WASTE BORDERLINE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies pieces laying across the boundary.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE BORDERLINE CODE		N	VARCHAR2	1

Identifies pieces laying across the boundary.

Allowable Values of Attribute

I - PIECE COMPLETELY INSIDE PLOT

B - BORDERLINE PIECE

X - PIECE EXCEEDS PLOT DIAMETER

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE		N	DATE

The date this value is available for use.

EXPIRY DATE		N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP		N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE PIECE

MAY BE applied against one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

BC PK *Primary* *Y*

WASTE BORDERLINE CODE

Entity Name: WASTE CLASS CODE *Short Name:* WCC

Plural: WASTE CLASS CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the waste class of the piece.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE CLASS CODE		N	VARCHAR2	1
	Identifies the waste class of the piece.				
	Allowable Values of Attribute				
	A - AVOIDABLE				
	U - UNAVOIDABLE				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE BILLING XREF
MAY BE applied to one or more WASTE PIECE
MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

HMC *Primary* *Y*

WASTE CLASS CODE

Entity Name: WASTE COMMENT CODE *Short Name:* WACC

Plural: WASTE COMMENT CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the type of comment made for a given piece.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE COMMENT CODE		N	VARCHAR2	2

Identifies the type of comment made for a given piece.

Allowable Values of Attribute

BK - BUNCH KNOTS AND BURLS

BR - BURIED

CA - CANDELABRA

CL - CULVERT LONG

CR - SEVER CROOK OR PISTOL GRIP

DP - DEAD POTENTIAL

DU - DEAD USELESS

FK - FORK

FL - FLUTED BUTT

LB - LONG BUTT

MP - MULTIPLE PIECES

SA - SAPLING

SB -SHAKE BLOCK

SL - SLAB

US - UNSAFE

WD - WOODY DEBRIS

WF - WINDFALL

WS - WINDSHEAR

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE

The date this value is available for use.

EXPIRY DATE	N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE

The date and time the value was last modified.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

Entity Name: WASTE COMMENT CODE (cont'd) *Short Name:* WACC

MAY BE applied to one or more WASTE PIECE
MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
** = Relationships in primary unique identifier.*

Unique Identifiers:

CC PK *Primary Y*

WASTE COMMENT CODE

Entity Name: WASTE CONDITION TYPE CODE *Short Name:* WCTC

Plural: WASTE CONDITION TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the condition type for the given block.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE CONDITION TYPE CODE		N	VARCHAR2	3

Identifies the condition type for the given block.

Allowable Values of Attribute

N - NORMAL
MPB - MPB CONTROL
FK - FIRE KILL
O - OTHER

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE		N	DATE

The date this value is available for use.

EXPIRY DATE		N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP		N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE interior applied to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

CTC PK *Primary* *Y*

WASTE CONDITION TYPE CODE

Entity Name: WASTE DECAY TYPE CODE *Short Name:* WDTC

Plural: WASTE DECAY TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the type of decay in the piece.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE DECAY TYPE CODE		N	VARCHAR2	1

Identifies the type of decay in the piece.

Allowable Values of Attribute

H - HEART ROT
T - TOP ROT
B - BUTT ROT
R - RING ROT
C - CONK ROT
P - POCKET ROT
S - SAP ROT

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE		N	DATE

The date this value is available for use.

EXPIRY DATE		N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP		N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE PIECE
MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

DTC PK *Primary* *Y*

WASTE DECAY TYPE CODE

Notes:

Must be recorded whenever a deduction has been recorded.

Entity Name: WASTE DESIGNATION TYPE CODE *Short Name:* WDTC1

Plural: WASTE DESIGNATION TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the type of sponsor.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE DESIGNATION TYPE CODE		N	VARCHAR2	3
	Identifies the type of sponsor.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied one or more WASTE SPONSOR

** = Relationships in primary unique identifier.*

Unique Identifiers:

WDTC PK *Primary* *Y*

WASTE DESIGNATION TYPE CODE

Notes:

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

Entity Name: WASTE DISPERSED CV CODE *Short Name:* WDCV

Plural: WASTE DISPERSED CV CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the proposed dispersed Coefficient of Variation Percentage.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE DISPERSED CV CODE		N	VARCHAR2	3

Identifies the proposed dispersed Coefficient of Variation percentage used.

Allowable Values of Attribute

50 - 50
100 - 100
200 - 200
300 - 300
400 - 400
500 - 500
600 - 600
1000 - 1000
5000 - 5000
10000 - 10000

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE proposed for one or more WASTE REPORTING UNIT
MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

* = *Relationships in primary unique identifier.*

Unique Identifiers:

PSC PK *Primary* *Y*

WASTE DISPERSED CV CODE

Notes:

2004/11/25: Created
2005/01/04: EMG: changed code-field to VARCHAR of length 3

Entity Name: WASTE HARVEST METHOD CODE *Short Name:* WHMC

Plural: WASTE HARVEST METHOD CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE HARVEST METHOD CODE		N	VARCHAR2	2

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

Allowable Values of Attribute

SPAR - SPAR

GRAP - GRAPPLE

TRAC - TRACTOR

HORS - HORSE

RTS - RUBBER TIRED SKIDDER

HAND - HAND LOGGING

HOEC - HOE CHUCKING

HELI - HELICOPTER

WYSS - WYSSEN

OTHE - OTHER

ANY - ANY COMBINATION

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE

The date this value is available for use.

EXPIRY DATE	N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

HMC PK *Primary* *Y*

WASTE HARVEST METHOD CODE

Entity Name: WASTE HARVEST STATUS CODE

Short Name: WHSC

Plural: WASTE HARVEST STATUS CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE HARVEST STATUS CODE		N	VARCHAR2	4

The harvest status code.

Allowable Values of Attribute

DRFT - DRAFT

LSUB - LICENSEE SUBMITTED

DAPP - DISTRICT APPROVED

DREJ - DISTRICT REJECTED

DCTV - DEACTIVATED

CMPL - COMPLETED

BLPR - BILLING PROCESSED

DESCRIPTION	N	VARCHAR2	120

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."

EFFECTIVE DATE	N	DATE

The date this value is available for use.

EXPIRY DATE	N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

WHSC *Primary* *Y*

WASTE HARVEST STATUS CODE

Entity Name: WASTE LEVEL CODE *Short Name:* WLC

Plural: WASTE LEVEL CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifes the level of waste on a stratum.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE LEVEL CODE		N	VARCHAR2	1
	Identifies the level of waste for a stratum.				
	Allowable Values of Attribute L - LIGHT M - MEDIUM H - HEAVY				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

HMC *Primary* *Y*

WASTE LEVEL CODE

Entity Name: WASTE MATERIAL CLASS CODE *Short Name:* WMCC

Plural: WASTE MATERIAL CLASS CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

The class of waste material.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE MATERIAL CLASS CODE		N	VARCHAR2	1
	The class of waste material.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE BILLING XREF

MAY BE applied to one or more WASTE BILLING XREF

** = Relationships in primary unique identifier.*

Unique Identifiers:

WMCC PK *Primary* *Y*

WASTE MATERIAL CLASS CODE

Entity Name: WASTE MATERIAL KIND CODE *Short Name:* WMKC

Plural: WASTE MATERIAL KIND CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Specifies the nature or shape of a piece.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE MATERIAL KIND CODE		N	VARCHAR2	1

Specifies the nature or shape of a piece.

Allowable Values of Attribute

L - LOG, SLAB, SLIVER, CHUNK

S - STUMP

D - DOWN TREE/ SNAG

U - UNDERSIZE

T - TREE/SNAG

B - BREAKAGE

W - BUCKING AND TRIMMING WASTE

X - SPECIAL PRODUCT

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE BILLING XREF

MAY BE applied to one or more WASTE PIECE

** = Relationships in primary unique identifier.*

Unique Identifiers:

MTC PK *Primary* *Y*

WASTE MATERIAL KIND CODE

Entity Name: WASTE MATURITY TYPE CODE *Short Name:* WMTC

Plural: WASTE MATURITY TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE MATURITY TYPE CODE		N	VARCHAR2	8

Specifies the growth type of the stratum as either mature or immature.

Allowable Values of Attribute

MATURE -
MATURE

IMMATURE -
IMMATURE

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE coast applied to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

MTC PK *Primary* *Y*

WASTE MATURITY TYPE CODE

Entity Name: WASTE PARENT BLOCK TYPE CODE *Short Name:* WPBTC

Plural: WASTE PARENT BLOCK TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A code used to describe the type of child Assessment Areas that belong to an Assessment Area. They can be either of type "Parent Blocks" or "Multi Marks"

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE PARENT BLOCK TYPE CODE		N	VARCHAR2	2

A code used to describe the type as either "Parent Block" or "Multi-Mark"

Allowable Values of Attribute

SPAR - SPAR

GRAP - GRAPPLE

TRAC - TRACTOR

HORS - HORSE

RTS - RUBBER TIRED SKIDDER

HAND - HAND LOGGING

HOEC - HOE CHUCKING

HELI - HELICOPTER

WYSS - WYSSEN

OTHE - OTHER

ANY - ANY COMBINATION

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE

The date this value is available for use.

EXPIRY DATE	N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE assessment area child type for one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

WMMTC_PK *Primary* *Y*

WASTE PARENT BLOCK TYPE CODE

Notes:

Oct 18/2005-gBryce-CR 15

Entity Name: WASTE PIECE *Short Name:* WPIE

Plural: WASTE PIECE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

The smallest measurable unit of a sample.

Attributes:

	Name	Domain	Opt	Format	Length
*	WASTE PIECE ID		N	NUMBER	12,0
	The unique identifier for a Piece				
	WASTE PIECE NUMBER		N	NUMBER	3,0
	The unique sequential number assigned to a piece by the surveyor during the survey process.				
	LENGTH		Y	NUMBER	3,0
	Quantifies, in metres, the "in plot" length of the piece.				
	TOP DIAMETER		Y	NUMBER	3,0
	Quantifes, in rads, the gross diameter, inside bark, of the top end.				
	BUTT DIAMETER		Y	NUMBER	3,0
	Quantifies, in rads, the gross diameter, inside bark, of the large end.				
	LENGTH DEDUCTION		Y	NUMBER	3,1
	Quantifies the length deduction in tenths of metres.				
	TOP DEDUCTION		Y	NUMBER	3,0
	Quantifies, in rads, the diameter deduction for the top end.				
	BUTT DEDUCTION		Y	NUMBER	3,0
	Quantifies, in rads, the diameter deduction for the butt end.				
	ESTIMATED VOLUME		Y	NUMBER	8,3
	The estimated volume for the piece.				
	2007-08-15, S.Taylor, increased maximum length from 7 to 8.				
	ESTIMATED PERCENT		Y	NUMBER	4,1
	The estimated percent for the piece.				
	CR#21 - Steve Taylor - 2006-05-30 - Decreased length from 6,1 to 4,1.				
	DENSITY ESTIMATE		Y	NUMBER	6,1
	For Ocular estimates, the density estimate for the piece. Units are m3/ha.				
	CR#21 - Steve Taylor - 2006-05-30 - Added attribute. Values were previously stored in estimated percent.				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE grouped under one and only one WASTE PLOT

Entity Name: WASTE PIECE (cont'd) *Short Name:* WPIE

or MUST BE stratum grouped under one and only one WASTE STRATUM
MUST BE Species, Product, Grade identified by one and only one SPECIES PRODUCT GRADE XREF
MAY BE borderline identified by one and only one WASTE BORDERLINE CODE
MUST BE waste class identified by one and only one WASTE CLASS CODE
MAY BE comment identified by one and only one WASTE COMMENT CODE
MAY BE decay type identified by one and only one WASTE DECAY TYPE CODE
MUST BE material kind identified by one and only one WASTE MATERIAL KIND CODE
MAY BE butt end code identified by one and only one WASTE PIECE END CODE
MAY BE top end code identified by one and only one WASTE PIECE END CODE
* = *Relationships in primary unique identifier.*

Unique Identifiers:

PIE UK *Primary* *N*

MUST BE grouped under one and only one WASTE PLOT
WASTE PIECE NUMBER

PIE UK1 *Primary* *N*

MUST BE stratum grouped under one and only one WASTE STRATUM
WASTE PIECE NUMBER

PIE PK *Primary* *Y*

WASTE PIECE ID

Notes:

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

Entity Name: WASTE PIECE END CODE *Short Name:* WPEC

Plural: WASTE PIECE END CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the state of the piece end.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE PIECE END CODE		N	VARCHAR2	1

Identifies the state of the piece end.

Allowable Values of Attribute

N - NATURAL
C - CUT
B - BROKEN
X - BURIED

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE		N	DATE

The date this value is available for use.

EXPIRY DATE		N	DATE

The date after which the value is no longer available for use.

UPDATE TIMESTAMP		N	DATE

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE PIECE
MAY BE applied to one or more WASTE PIECE
MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

PEC PK *Primary* *Y*

WASTE PIECE END CODE

Entity Name: WASTE PLOT *Short Name:* WPLO

Plural: WASTE PLOT

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

A population within a stratum.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE PLOT ID		N	NUMBER	12,0
	The unique identifier for a Plot				
	WASTE PLOT NUMBER		N	NUMBER	3,0
	The unique sequential number assigned to a plot by the surveyor during the survey process.				
	WASTE BASELINE		Y	VARCHAR2	1
	Identifies the baseline the plot is tied to.				
	WASTE STRIP		Y	NUMBER	2,0
	Identifies the strip number the plots are located on.				
	MEASURE FACTOR		N	NUMBER	3,0
	Quantifies the percentage of the volume, within the plot boundaries that has been measured and recorded.				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE composed of one or more WASTE PIECE

MUST BE contained within one and only one WASTE STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

PLO UK *Primary* *N*

MUST BE contained within one and only one WASTE STRATUM
WASTE PLOT NUMBER
WASTE STRIP

PLO PK *Primary* *Y*

WASTE PLOT ID

Notes:

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

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

Entity Name: WASTE PLOT SIZE CODE *Short Name:* WPSC

Plural: WASTE PLOT SIZE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the plot size used.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE PLOT SIZE CODE		N	NUMBER	5

Identifies the plot size used.

Allowable Values of Attribute

50 - 50
100 - 100
200 - 200
300 - 300
400 - 400
500 - 500
600 - 600
1000 - 1000
5000 - 5000
10000 - 10000

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied against one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM
MAY BE applied to one or more WASTE STRATUM

* = *Relationships in primary unique identifier.*

Unique Identifiers:

PSC PK *Primary* *Y*

WASTE PLOT SIZE CODE

Notes:

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

Entity Name: WASTE RATE SOURCE CODE *Short Name:* WRSC

Plural: WASTE RATE SOURCE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

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.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE RATE SOURCE CODE		N	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.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE RESIDUE RATE

** = Relationships in primary unique identifier.*

Unique Identifiers:

RSC PK *Primary* *Y*

WASTE RATE SOURCE CODE

Entity Name: WASTE REPORTING UNIT

Short Name: WRU

Plural: WASTE REPORTING UNIT

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	REPORTING UNIT ID		N	NUMBER	12,0
	The unique identifier for a Reporting Unit				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE submitted by one and only one CLIENT LOCATION

MUST BE assigned to one and only one ORG UNIT

MAY BE assigned accumulated cv code from one and only one WASTE ACCUMULATED CV CODE

MAY BE the reporting unit for one or more WASTE ASSESSMENT AREA

MAY BE assigned proposed cv code from one and only one WASTE DISPERSED CV CODE

MUST BE assigned an option from one and only one WASTE SAMPLING OPTION CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

RP_PK *Primary* *Y*

REPORTING UNIT ID

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 Coeffecient of Variation field, replaced with two relationships, to acumulated_CV and dispersed_CV. All part of enhancements v1.1.

2005/02/21 EMG: Changed relationships to WASTE_DISPERSED_CV and WASTE_ACCUMULATED_CV to be optional.

Entity Name: WASTE RESIDUE RATE *Short Name:* WRR

Plural: WASTE RESIDUE RATE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WSTRT ID		N	NUMBER	32
	A unique identifier (surrogate) for a waste/residue rate entry				
	CUT BLOCK ID		N	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 bieng 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.				
	ACTIVE IND		N	VARCHAR2	1
	An indicator that a rate is active or inactive regardless of effective/expiry dates				
	AVOIDABLE IND		N	VARCHAR2	1
	Indicates if a rate is for avoidable or unavoidable waste				
	RATE		N	NUMBER	5,2
	A rate assigned to a waste timber for a segregation for a cut block within a timber mark				
	EFFECTIVE DATE		N	DATE	
	The date the rate becomes effective.				
	EXPIRY DATE		N	DATE	
	The date after which the rate is no longer available for use.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		Y	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		Y	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE a rate for one and only one HAULING AUTHORITY

MUST BE Species, Product, Grade identified by one and only one SPECIES PRODUCT GRADE XREF

MAY BE rate source identified by one and only one WASTE RATE SOURCE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

WRR PK *Primary* *Y*

WSTRT ID

Entity Name: WASTE SAMPLING OPTION CODE *Short Name:* WSOC

Plural: WASTE SAMPLING OPTION CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE SAMPLING OPTION CODE		N	VARCHAR2	3
	The sampling option code.				
	Allowable Values of Attribute				
	AGR - AGGREGRATE				
	BLK - CUTBLOCK				
	OCU - OCULAR				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE REPORTING UNIT

** = Relationships in primary unique identifier.*

Unique Identifiers:

SOC PK *Primary* *Y*

WASTE SAMPLING OPTION CODE

Entity Name: WASTE SITE TYPE CODE *Short Name:* WSITC

Plural: WASTE SITE TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the site type for a cut block.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE SITE TYPE CODE		N	VARCHAR2	2
	Identifies the site type for a cut block.				
	Allowable Values of Attribute DB - DRY BELT TZ - TRANSITION ZONE WB - WET BELT				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE interior applied to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

SITC *Primary* *Y*

WASTE SITE TYPE CODE

Entity Name: WASTE SPONSOR *Short Name:* WS

Plural: WASTE SPONSOR

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

The sponsoring Registered Professional Forester or Registered Forest Technician.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE SPONSOR ID		N	NUMBER	12,0
	The unique identifier for a Waste Sponsor				
	SURVEYOR SCALER LICENSE NUMBER		Y	VARCHAR2	5
	Indicates whether or not the submitter of the Annual Plan/Reporting Unit/Assessment Area is a licensed waste surveyor or scaler.				
	PERSONALLY COMPLETED IND		Y	VARCHAR2	1
	Indicates whether or not the work has been personally completed by the submitter of the Annual Plan/Reporting Unit/Assessment Area.				
	SPONSORED BY RFP RFT IND		Y	VARCHAR2	1
	Indicates whether or not the work has been sponsored by an RPF or RFT.				
	NAME		Y	VARCHAR2	80
	The full name of the sponsor.				
	LICENSE NUMBER		Y	VARCHAR2	5
	The license numberof the sponsoring RPF/RFT.				
	PHONE		Y	VARCHAR2	12
	The phone number of the sponsoring RPF/RFT.				
	FAX		Y	VARCHAR2	12
	The fax number of the sponsoring RPF/RFT.				
	EMAIL		Y	VARCHAR2	100
	The email address of the sponsoring RPF/RFT.				
	REVISION COUNT		N	NUMBER	5,0
	A count of the number of times an entry in the entity has been modified.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was updated.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE a sponsor for one and only one WASTE ASSESSMENT AREA

MAY BE designation identified by one and only one WASTE DESIGNATION TYPE CODE

MUST BE submitter role identified one and only one WASTE SUBMITTER ROLE TYPE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

WS PK *Primary* *Y*

WASTE SPONSOR ID

Notes:

Entity Name: WASTE SPONSOR (cont'd) *Short Name:* WS

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

Entity Name: WASTE STRATUM *Short Name:* WSTR

Plural: WASTE STRATUM

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE STRATUM ID		N	NUMBER	12,0
	The unique identifier for a Stratum				
	STRATUM AREA		Y	NUMBER	5,2
	Quantifies, in hectares, the total area of the stratum for sampling and/or estimating.				
	TOTAL ESTIMATED VOLUME		Y	NUMBER	5,0
	The total estimated volume required for a standing tree.				
	This field is specific, and required, only to stratums of type Standing Tree with Estimated Percent method. 2007-08-15, S.Taylor, increased maximum length from 4 to 5.				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE the sampling area for one and only one WASTE ASSESSMENT AREA

MUST BE assessment method identified by one and only one WASTE ASSESSMENT METHOD CODE

MAY BE harvest method identified by one and only one WASTE HARVEST METHOD CODE

MAY BE waste level identified by one and only one WASTE LEVEL CODE

MAY BE broken down into one or more WASTE PIECE

MAY BE broken down into one or more WASTE PLOT

MAY BE plot size identified by one and only one WASTE PLOT SIZE CODE

MUST BE stratum type identified by one and only one WASTE STRATUM TYPE CODE

MAY BE waste type identified by one and only one WASTE TYPE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

STR_PK *Primary* *Y*

WASTE STRATUM ID

Entity Name: WASTE STRATUM TYPE CODE *Short Name:* WSTC

Plural: WASTE STRATUM TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

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

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE STRATUM TYPE CODE		N	VARCHAR2	3

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

Allowable Values of Attribute

ACC - ACCUMULATED

DIS - DISPERSED

STR - STANDING TREE

DESCRIPTION	N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE TYPE STRATUM XREF

** = Relationships in primary unique identifier.*

Unique Identifiers:

STC_PK *Primary* *Y*

WASTE STRATUM TYPE CODE

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.

Entity Name: WASTE SUBMITTER ROLE TYPE CODE *Short Name:* WSRTC

Plural: WASTE SUBMITTER ROLE TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the role of the person submitting the Annual Plan, Reporting Unit, or Block.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE SUBMITTER ROLE TYPE CODE		N	VARCHAR2	3
	Identifies the role of the person submitting the Annual Plan, Reporting Unit, or Block.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the value was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied one or more WASTE SPONSOR

** = Relationships in primary unique identifier.*

Unique Identifiers:

WSRTC PK *Primary* *Y*

WASTE SUBMITTER ROLE TYPE CODE

Notes:

Created 2005/03/31 as part of enhancements v1.3

Entity Name: WASTE SURVEY CHECK CODE *Short Name:* WSCC

Plural: WASTE SURVEY CHECK CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the outcome of survey check by district staff.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE SURVEY CHECK CODE		N	VARCHAR2	3
	Identifies the outcome of survey check by district staff.				
	DESCRIPTION		N	VARCHAR2	120
	The code description.				
	EFFECTIVE DATE		N	DATE	
	The date this value is available for use.				
	EXPIRY DATE		N	DATE	
	The date after which the value is no longer available for use.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE ASSESSMENT AREA

** = Relationships in primary unique identifier.*

Unique Identifiers:

WSCC PK *Primary* *Y*

WASTE SURVEY CHECK CODE

Entity Name: WASTE T DISTRIBUTION *Short Name:* WTD

Plural: WASTE T DISTRIBUTION

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Stores t distribution values for use with reporting statistics.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	DEGREES OF FREEDOM		N	NUMBER	5,0
	The number of values in the final calculation of a statistic that are free to vary.				
	CONFIDENCE INTERVAL		N	NUMBER	8,3
	A value that has a specified probability of containing the parameter being estimated.				
	REVISION COUNT		N	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.				
	ENTRY USERID		N	VARCHAR2	30
	The unique user id of the resource who initially added the entry.				
	ENTRY TIMESTAMP		N	DATE	
	The date and time the entry was created.				
	UPDATE USERID		N	VARCHAR2	30
	The unique id of the user who last modified this entry.				
	UPDATE TIMESTAMP		N	DATE	
	The date and time the entry was last modified.				

** = Attributes in primary unique identifier.*

Unique Identifiers:

WTD_PK *Primary* *Y*

DEGREES OF FREEDOM

Entity Name: WASTE TYPE CODE *Short Name:* WTC

Plural: WASTE TYPE CODE

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Identifies the waste type for a given stratum.

Attributes:

	Name	*Domain*	*Opt*	*Format*	*Length*
*	WASTE TYPE CODE		N	VARCHAR2	3

The waste cut block status code.

Allowable Values of Attribute

CC - CLEARCUT
FB - FELLED AND BUCKED
GR - GROUP RETENTION
DR - DISPERSED RETENTION
L - LANDINGS
RD - ROADSIDE
CD - COLD DECK
SA - SPOT ACCUMULATION
OSL - OFF SITE LANDING
WDR - WINDROW DEBUILT ROAD

DESCRIPTION		N	VARCHAR2	120

The code description.

EFFECTIVE DATE	N	DATE	

The date this value is available for use.

EXPIRY DATE	N	DATE	

The date after which the value is no longer available for use.

UPDATE TIMESTAMP	N	DATE	

The date and time the value was last modified.

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE applied to one or more WASTE STRATUM

MAY BE applied to one or more WASTE TYPE STRATUM XREF

** = Relationships in primary unique identifier.*

Unique Identifiers:

WTC_PK *Primary* *Y*

WASTE TYPE CODE

Entity Name: WASTE TYPE STRATUM XREF *Short Name:* WTSX

Plural: WASTE TYPE STRATUM XREF

Init. Volume: *Avg. Volume:* *Max. Volume:* *Annual Growth Rate:*

Description:

Specifies the waste types applicable to each stratum type.

Attributes:

Name	*Domain*	*Opt*	*Format*	*Length*

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE stratum type identified by one and only one WASTE STRATUM TYPE CODE

* MUST BE waste type identified by one and only one WASTE TYPE CODE

** = Relationships in primary unique identifier.*

Unique Identifiers:

WTSTX *Primary* *Y*

MUST BE waste type identified by one and only one WASTE TYPE CODE
MUST BE stratum type identified by one and only one WASTE STRATUM TYPE CODE

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