

# WASTE XML Submission Technical Specification - Draft

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## Overview:

This document describes the format of ESF Submissions for WASTE.

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## General Rules:

- Users will enter annual plans and create reporting units via the existing WASTE screens. Users will only be able submit assessment information against cutblocks that exist in the WASTE system with a status of Draft or Rejected. XML submissions against cutblocks that are in Submitted, Approved, or Completed statuses will be rejected.
- Users add cutblocks against reporting units on [WASTE101 - Reporting Unit Details](#) screen. They also enter the net area for a cutblock on this screen. Adding new cutblocks for a reporting unit will not be possible via XML.
- It is possible to add duplicate blocks (e.g. same Licence Number, Cutting Permit, Timber Mark and Cut Block combination) through the online application. If a reporting unit contains a duplicate blocks in an xml file, it will be rejected as there is no way to distinguish them with the current xml schema.
- If the cutblocks are in a Coast annual plan (i.e. the annual plan's district is in the RCO region), the annual plan must be in approved status in order for the licensee to submit cutblocks in that annual plan via XML. Cutblocks submitted against an unapproved plan will be rejected.
- If the cutblocks are in an Interior annual plan (i.e. the annual plan's district is in a region other than RCO), the annual plan need not be approved in order for the licensee to submit cutblocks via XML.
- Cutblocks that are in submitted status cannot be changed by the licensee either through the WASTE system (save buttons will be disabled) or via XML (files with that particular cutblock will be rejected).
- Updates, via ESF, to existing assessment information will not be supported. If a cutblock is sent in an XML file with the assessment data already tied to it, all the existing assessment data for the cutblock will be replaced with that submission. So, if updates are required for a cutblock, all the assessment information tied to the cutblock must be submitted again in an updated XML file.
- Although submitting assessment areas in different reporting units is supported, all reporting units must belong to the same annual plan. In other words, an XML file may contain several assessment areas in many reporting units, the reporting units must all be in one annual plan.
- District users must be able to submit xml files on behalf of a licensee.

## Elements:

### waste:WasteSubmission

Allowed Children:	Element	Multiplicity
	<a href="#">waste:submissionMetadataProperty</a>	1
	<a href="#">waste:submissionItem</a>	0..*

### waste:submissionMetadataProperty

Allowed Children:	Element	Multiplicity
	<a href="#">waste:submissionMetadata</a>	1

### waste:submissionMetadata

Allowed Children:	Element	Multiplicity
	<a href="#">waste:districtCode</a>	1
	<a href="#">waste:clientCode</a>	1
	<a href="#">waste:clientLocationCode</a>	1
	<a href="#">waste:licenseeContact</a>	1
	<a href="#">waste:telephoneNumber</a>	1
	<a href="#">waste:emailAddress</a>	1

**waste:districtCode**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 3  
 Data Source: N/A  
 Optionality: Mandatory  
 Default Value: N/A  
 Format:  
 Validation: Must be the same the district of the annual plan.  
 Notes: Not saved to the WASTE system. This element is only used for validation.

**waste:clientCode**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 8  
 Data Source: N/A  
 Optionality: Mandatory  
 Default Value: N/A  
 Format:  
 Validation: Must match the client number of the annual plan. If the user is a licensee, must match the user's current client number (for the current session in ESF).  
 Notes: Not saved to the WASTE system. This element is only used for validation.

**waste:clientLocationCode**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 2  
 Data Source: N/A  
 Optionality: Mandatory  
 Default Value: N/A  
 Format:  
 Validation: Must match the client location of the annual plan but does not need to match the user's client location.  
 Notes: Not saved to the WASTE system. This element is only used for validation.

**waste:licenseeContact**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 50  
 Data Source: N/A  
 Optionality: Mandatory

Default Value: N/A  
 Format:  
 Validation:  
 Notes: Not saved to the WASTE system. Used for contact purposes only.

**waste:telephoneNumber**

Allowed Children: N/A  
 Data Type: Telephone  
 Total Length: 10  
 Data Source: N/A  
 Optionality: Mandatory  
 Default Value: N/A  
 Format: #####  
 Validation:  
 Notes: Not saved to the WASTE system. Used for contact purposes only.

**waste:emailAddress**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 255  
 Data Source: N/A  
 Optionality: Mandatory  
 Default Value: N/A  
 Format:  
 Validation:  
 Notes: Not saved to the WASTE system. Used for contact purposes only.

**waste:submissionItem**

Allowed	Element	Multiplicity
Children:	<a href="#">waste:wasteAssessmentArea</a>	1

**waste:wasteAssessmentArea**

Allowed	Element	Multiplicity
Children:	<a href="#">waste:reportingUnitID</a>	1
	<a href="#">waste:licenseNo</a>	1
	<a href="#">waste:timberMark</a>	1
	<a href="#">waste:cuttingPermitID</a>	1
	<a href="#">waste:cutBlockID</a>	1
	<a href="#">waste:wasteMaturityTypeCode</a>	1
	<a href="#">waste:wasteConditionTypeCode</a>	1
	<a href="#">waste:wasteSiteTypeCode</a>	1
	<a href="#">waste:wasteNetArea</a>	1
	<a href="#">waste:yearLoggedFrom</a>	1
	<a href="#">waste:yearLoggedTo</a>	1
	<a href="#">waste:primaryLoggingCompleteDate</a>	1

<a href="#">waste:benchmarkVolume</a>	1
<a href="#">waste:wasteSurveyorLicense</a>	1
<a href="#">waste:returnNumber</a>	1
<a href="#">waste:wasteRoadsArea</a>	1
<a href="#">waste:surveyDate</a>	1
<a href="#">waste:cruiseVolume</a>	1
<a href="#">waste:statusComment</a>	1
<a href="#">waste:wasteStratum</a>	0..*

**waste:reportingUnitID**

Allowed Children: N/A  
 Data Type: Number  
 Total Length: 12  
 Data Source: WASTE\_ASSESSMENT\_AREA.REPORTING\_UNIT\_ID  
 Optionality: Mandatory  
 Default Value: N/A  
 Format:  
 Validation:
 

- Only valid Reporting Unit IDs in the system may be entered. (This will be handed by a routine on the db)

 Notes:

**waste:licenseNo**

Allowed Children: N/A  
 Data Type: AlphaNumeric  
 Total Length: 10  
 Data Source: WASTE\_ASSESSMENT\_AREA.FOREST\_FILE\_ID  
 Optionality: Mandatory  
 Default Value: N/A  
 Format:  
 Validation:
 

- If Licence No is blank, Cutting Permit must also be blank
- Uppercase
- Must exist in TIMBER\_MARK where forest\_File\_id\_id = [file] and CUTTING\_PERMIT\_ID = [cp]

 Notes:

**waste:timberMark**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 6  
 Data Source: WASTE\_ASSESSMENT\_AREA.TIMBER\_MARK  
 Optionality: Optional

Default Value: N/A  
Format:  
Validation:  
Notes:

**waste:cuttingPermitID**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 3  
Data Source: WASTE\_ASSESSMENT\_AREA.CUTTING\_PERMIT\_ID  
Optionality: Optional  
Default Value: N/A  
Format:  
Validation: 

- If Licence No is blank, Cutting Permit must also be blank
- Uppercase
- Must be valid CP and License No (File ID) combination
  - Must exist in TIMBER\_MARK where forest\_File\_id\_id = [file] and CUTTING\_PERMIT\_ID = [cp]

  
Notes:

**waste:cutBlockID**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 10  
Data Source: WASTE\_ASSESSMENT\_AREA.CUT\_BLOCK\_ID  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation:  
Notes:

**waste:wasteMaturityTypeCode**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 8  
Data Source: WASTE\_ASSESSMENT\_AREA.WASTE\_MATURITY\_TYPE\_CODE  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation: 

- Mandatory if annual plan is Coast
- Valid only if annual plan is Coast

  
Notes:

**waste:wasteConditionTypeCode**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 3  
Data Source: WASTE\_ASSESSMENT\_AREA.WASTE\_CONDITION\_TYPE\_CODE  
Optionality: Optional  
Default Value:  
Format:  
Validation: 

- Mandatory if annual plan is Interior
- Valid only if annual plan is Interior

  
Notes:

**waste:wasteSiteTypeCode**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 2  
Data Source: WASTE\_ASSESSMENT\_AREA.WASTE\_SITE\_TYPE\_CODE  
Optionality: Optional  
Default Value:  
Format:  
Validation: 

- Mandatory if annual plan is Interior
- Valid only if annual plan is Interior

  
Notes:

**waste:wasteNetArea**

Allowed Children: N/A  
Data Type: Number  
Total Length: 5  
Data Source: WASTE\_ASSESSMENT\_AREA.WASTE\_NET\_AREA  
Optionality: Mandatory  
Default Value: <blank>  
Format: 5,2  
Validation: 

- Must be greater than zero
- If <waste:submitToDistrict> is true then Net area for block must be equal to net area for the stratum.

  
Notes: 

- Units are in Hectares
- Allows users to override the net area saved online on WASTE101 - Reporting Unit Details. A warning message will be generated if the xml has changed the existing value.

**waste:yearLoggedFrom**

Allowed Children: N/A  
Data Type: Numeric  
Total Length: 4



Data Source: WASTE\_ASSESSMENT\_AREA.YEAR\_LOGGED\_FROM  
Optionality: Mandatory  
Default Value: <blank>  
Format: YYYY  
Validation: Must be a valid year.  
Notes:

**waste:yearLoggedTo**

Allowed Children: N/A  
Data Type: Numeric  
Total Length: 4  
Data Source: WASTE\_ASSESSMENT\_AREA.YEAR\_LOGGED\_TO  
Optionality: Mandatory  
Default Value: <blank>  
Format: YYYY  
Validation: Must be a valid year.  
Notes:

**waste:primaryLoggingCompleteDate**

Allowed Children: N/A  
Data Type: Date  
Total Length: N/A  
Data Source: WASTE\_ASSESSMENT\_AREA.PRIMARY\_LOGGING\_COMPLETE\_DATE  
Optionality: Mandatory  
Default Value: <blank>  
Format: The year of this date must match <waste:yearLoggedTo>  
Validation:  
Notes:

**waste:benchmarkVolume**

Allowed Children: N/A  
Data Type: Numeric  
Total Length: 2  
Data Source: WASTE\_ASSESSMENT\_AREA.BENCHMARK\_VOLUME  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation: ● Must be a number between 0 and 99  
Notes:

**waste:wasteSurveyorLicense**

Allowed Children: N/A

Data Type: Alpha Numeric

Total  
Length: 4

Data  
Source: WASTE\_ASSESSMENT\_AREA.WASTE\_SURVEYOR\_LICENSE

Optionality: Optional

Default  
Value: <blank>

Format:

Validation:

Notes:

#### **waste:returnNumber**

Allowed  
Children: N/A

Data Type: Numeric

Total  
Length: 3

Data  
Source: WASTE\_ASSESSMENT\_AREA.RETURN\_NUMBER

Optionality: Mandatory

Default  
Value: <blank>

Format:

Validation:

Notes: At some point in future, this will be increased from length 3 to 4.

#### **waste:wasteRoadsArea**

Allowed  
Children: N/A

Data Type: Numeric

Total  
Length: 4,2

Data  
Source: WASTE\_ASSESSMENT\_AREA.WASTE\_ROADS\_AREA

Optionality: Optional

Default  
Value: <blank>

Format:

Validation: ● Must be greater than 0

Notes:

#### **waste:surveyDate**

Allowed  
Children: N/A

Data Type: Date

Total  
Length: N/A

Data  
Source: WASTE\_ASSESSMENT\_AREA.SURVEY\_DATE

Optionality: Optional

Default  
Value: <blank>

Format:

Validation:

Notes:

**waste:cruiseVolume**

Allowed Children: N/A  
Data Type: Numeric  
Total Length: 4  
Data Source: WASTE\_ASSESSMENT\_AREA.CRUISE\_VOLUME  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation: ● Must be greater than 0  
Notes:

**waste:submitToDistrict**

Allowed Children: N/A  
Data Type: Boolean  
Total Length: 5  
Data Source: N/A  
Optionality: Mandatory  
Default Value: N/A  
Format:  
Validation: Valid values: true, false  
Notes: Indicates whether the assessment area (i.e. the cut block) will be saved in draft status (set to false) or saved in submitted status (set to true)

**waste:statusComment**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 2000  
Data Source: WASTE\_ASSESSMENT\_AREA.STATUS\_COMMENT  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation:  
Notes:

**waste:wasteStratum**

Allowed Children:	Element	Multiplicity
	<a href="#">waste:wasteStratumTypeCode</a>	1
	<a href="#">waste:wasteTypeCode</a>	1
	<a href="#">waste:wasteHarvestMethodCode</a>	1
	<a href="#">waste:wasteAssessmentMethodCode</a>	1
	<a href="#">waste:wastePlotSizeCode</a>	1
	<a href="#">waste:wasteLevelCode</a>	1
	<a href="#">waste:stratumArea</a>	1
	<a href="#">waste:totalEstimatedVolume</a>	1
	<a href="#">waste:WastePlot</a>	0..*
	<a href="#">waste:WastePiece</a>	0..*

**waste:wasteStratumTypeCode**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 3  
 Data Source: WASTE\_STRATUM.WASTE\_STRATUM\_TYPE\_CODE  
 Optionality: Mandatory  
 Default Value: <blank>  
 Format:  
 Validation:  
 Notes:

**waste:wasteTypeCode**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 3  
 Data Source: WASTE\_STRATUM.WASTE\_TYPE\_CODE  
 Optionality: Optional  
 Default Value: <blank>  
 Format:  
 Validation:
 

- Mandatory if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated).
- Valid only if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated).

 Notes:

**waste:wasteHarvestMethodCode**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 2  
 Data Source: WASTE\_STRATUM.WASTE\_HARVEST\_METHOD\_CODE  
 Optionality: Optional  
 Default Value: <blank>

Format:

- Validation:
- Mandatory if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated)
  - Valid only if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated)

Notes:

#### **waste:wasteAssessmentMethodCode**

Allowed Children: N/A

Data Type: Alpha Numeric

Total Length: 3

Data Source: WASTE\_STRATUM.WASTE\_ASSESSMENT\_METHOD\_CODE

Optionality: Mandatory

Default Value: <blank>

Format:

Validation:

Notes:

#### **waste:wastePlotSizeCode**

Allowed Children: N/A

Data Type: Numeric

Total Length: 5

Data Source: WASTE\_STRATUM.WASTE\_PLOT\_SIZE\_CODE

Optionality: Optional

Default Value: <blank>

Format:

- Validation:
- Mandatory if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated) and <waste:wasteAssessmentMethodCode> is "P" (Plot)
  - Valid only if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated) and <waste:wasteAssessmentMethodCode> is "P" (Plot)

Notes:

#### **waste:wasteLevelCode**

Allowed Children: N/A

Data Type: Alpha Numeric

Total Length: 1

Data Source: WASTE\_STRATUM.WASTE\_LEVEL\_CODE

Optionality: Optional

Default Value: <blank>

Format:

- Validation:
- Mandatory if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated)
  - Valid only if <waste:wasteStratumTypeCode> is DIS (Dispersed) or ACC (Accumulated)

Notes:

**waste:stratumArea**

Allowed Children: N/A  
 Data Type: Numeric  
 Total Length: 5,2  
 Data Source: WASTE\_STRATUM.STRATUM\_AREA  
 Optionality: Mandatory  
 Default Value: <blank>  
 Format:  
 Validation:  
 Notes:

**waste:totalEstimatedVolume**

Allowed Children: N/A  
 Data Type: Numeric  
 Total Length: 4  
 Data Source: WASTE\_STRATUM.TOTAL\_ESTIMATED\_VOLUME  
 Optionality: Optional  
 Default Value: <blank>  
 Format:  
 Validation:
 

- Valid only if <waste:wasteAssessmentMethodCode/> is "E".

 Notes:

**waste:WastePlot**

Allowed Children:	Element	Multiplicity
	<a href="#">waste:wastePlotNumber</a>	1
	<a href="#">waste:wasteBaseline</a>	1
	<a href="#">waste:wasteStrip</a>	1
	<a href="#">waste:measureFactor</a>	1
	<a href="#">waste:WastePiece</a>	0..*

**waste:wastePlotNumber**

Allowed Children: N/A  
 Data Type: Numeric  
 Total Length: 2  
 Data Source: WASTE\_PLOT.WASTE\_PLOT\_NUMBER  
 Optionality: Mandatory  
 Default Value: <blank>  
 Format:  
 Validation:
 

- For each <waste:WasteStratum>, <waste:wastePlotNumber> and <waste:wasteStrip> combination must be unique
- Must be a number between 0 and 99

 Notes:

**waste:wasteBaseline**

Allowed Children: N/A  
 Data Type: Alpha Numeric  
 Total Length: 1  
 Data Source: WASTE\_PLOT.WASTE\_BASELINE  
 Optionality: Optional  
 Default Value: <blank>  
 Format:  
 Validation:  
 Notes:

**waste:wasteStrip**

Allowed Children: N/A  
 Data Type: Numeric  
 Total Length: 2  
 Data Source: WASTE\_PLOT.WASTE\_STRIP  
 Optionality: Optional  
 Default Value: <blank>  
 Format:  
 Validation: ● Must be a number between 0 and 99  
 Notes:

**waste:measureFactor**

Allowed Children: N/A  
 Data Type: Numeric  
 Total Length: 3  
 Data Source: WASTE\_PLOT.WASTE\_MEASURE\_FACTOR  
 Optionality: Mandatory  
 Default Value: <blank>  
 Format:  
 Validation: ● Must be a number between 1 and 100  
 Notes:

**waste:WastePiece**

Allowed Children:	Element	Multiplicity
	<a href="#">waste:hdbTreeSpeciesCode</a>	1
	<a href="#">waste:wasteMaterialKindCode</a>	1
	<a href="#">waste:wasteClassCode</a>	1
	<a href="#">waste:scaleGradeCode</a>	1
	<a href="#">waste:length</a>	1
	<a href="#">waste:topDiameter</a>	1
	<a href="#">waste:topEndCode</a>	1
	<a href="#">waste:buttDiameter</a>	1
	<a href="#">waste:buttEndCode</a>	1
	<a href="#">waste:wasteBorderlineCode</a>	1

<a href="#">waste:lengthDeduction</a>	1
<a href="#">waste:topDeduction</a>	1
<a href="#">waste:buttDeduction</a>	1
<a href="#">waste:wasteDecayTypeCode</a>	1
<a href="#">waste:wasteCommentCode</a>	1
<a href="#">waste:estimatedVolume</a>	1
<a href="#">waste:estimatedPercent</a>	1

**waste:hdbTreeSpeciesCode**

Allowed  
Children: N/A  
Data Type: Alpha Numeric  
Total  
Length: 2  
Data  
Source: WASTE\_PIECE.HDBS\_TREE\_SPECIES\_CODE  
Optionality: Mandatory  
Default  
Value: <blank>  
Format:  
Validation:  
Notes:

**waste:wasteMaterialKindCode**

Allowed  
Children: N/A  
Data Type: Alpha Numeric  
Total  
Length: 1  
Data  
Source: WASTE\_PIECE.WASTE\_MATERIAL\_KIND\_CODE  
Optionality: Mandatory  
Default  
Value: <blank>  
Format:  
Validation:  
Notes:

**waste:wasteClassCode**

Allowed  
Children: N/A  
Data Type: Alpha Numeric  
Total  
Length: 1  
Data  
Source: WASTE\_PIECE.WASTE\_CLASS\_CODE  
Optionality: Mandatory  
Default  
Value: <blank>  
Format:  
Validation:  
Notes:

**waste:scaleGradeCode**

Allowed  
Children: N/A



Data Type: AlphaNumeric

Total Length: 1

Data Source: WASTE\_PIECE.SCALE\_GRADE\_CODE

Optionality: Mandatory

Default Value: <blank>

Format:

Validation:

- If the annual plan is coastal then coastal grades including grade 5 are accepted.
- If the annual plan is interior then only interior grades are accepted.

Notes:

### **waste:length**

Allowed Children: N/A

Data Type: Numeric

Total Length: 3

Data Source: WASTE\_PIECE.LENGTH

Optionality: Optional

Default Value: <blank>

Format:

Validation:

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P".
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P".
- If the <waste:wasteAssessmentMethodCode/> is "P" and <waste:wasteMaterialKindCode/> is "L", <waste:length/> must be  $\geq 30$  except when <waste:wasteBorderlineCode/> is "B", then <waste:length/> can be  $< 30$ .
- If the <waste:wasteAssessmentMethodCode/> is "P" and <waste:wasteMaterialKindCode/> is "W" then <waste:length/> must be  $> 1$  and  $< 30$ .

Notes: Units in decimeters

### **waste:topDiameter**

Allowed Children: N/A

Data Type: Numeric

Total Length: 3

Data Source: WASTE\_PIECE.TOP\_DIAMETER

Optionality: Optional

Default Value: <blank>

Format:

Validation:

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"

Notes:

### **waste:topEndCode**

Allowed Children: N/A

Data Type: Alpha Numeric

Total Length: 1  
Data Source: WASTE\_PIECE.TOP\_END\_CODE  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation: 

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"

  
Notes:

**waste:buttDiameter**

Allowed Children: N/A  
Data Type: Numeric  
Total Length: 3  
Data Source: WASTE\_PIECE.BUTT\_DIAMETER  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation: 

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"

  
Notes:

**waste:buttEndCode**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 1  
Data Source: WASTE\_PIECE.BUTT\_END\_CODE  
Optionality: Optional  
Default Value: <blank>  
Format:  
Validation: 

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"

  
Notes:

**waste:wasteBorderlineCode**

Allowed Children: N/A  
Data Type: Alpha Numeric  
Total Length: 1  
Data Source: WASTE\_PIECE.WASTE\_BORDERLINE\_CODE  
Optionality: Optional  
Default Value: <blank>  
Format:

- Validation:
- Mandatory when <waste:wasteAssessmentMethodCode/> is "P"
  - Only valid when <waste:wasteAssessmentMethodCode/> is "P"

Notes:

#### **waste:lengthDeduction**

- Allowed Children: N/A
- Data Type: Numeric
- Total Length: 3,1
- Data Source: WASTE\_PIECE.LENGTH\_DEDUCTION
- Optionality: Optional
- Default Value: <blank>
- Format:
- Validation:
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Notes:

#### **waste:topDeduction**

- Allowed Children: N/A
- Data Type: Numeric
- Total Length: 3
- Data Source: WASTE\_PIECE.TOP\_DEDUCTION
- Optionality: Optional
- Default Value: <blank>
- Format:
- Validation:
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Notes:

#### **waste:buttDeduction**

- Allowed Children: N/A
- Data Type: Numeric
- Total Length: 3
- Data Source: WASTE\_PIECE.BUTT\_DEDUCTION
- Optionality: Optional
- Default Value: <blank>
- Format:
- Validation:
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Notes:

#### **waste:wasteDecayTypeCode**

- Allowed Children: N/A
- Data Type: Alpha Numeric
- Total Length: 1
- Data Source: WASTE\_PIECE.DECAY\_TYPE\_CODE

Optionality: Optional

Default Value: <blank>

Format:

Validation: 

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"

Notes:

#### **waste:wasteCommentCode**

Allowed Children: N/A

Data Type: Alpha Numeric

Total Length: 2

Data Source: WASTE\_PIECE.WASTE\_COMMENT\_CODE

Optionality: Optional

Default Value: <blank>

Format:

Validation: 

- Mandatory when <waste:wasteAssessmentMethodCode/> is "S" or "P"
- Only valid when <waste:wasteAssessmentMethodCode/> is "S" or "P"

Notes:

#### **waste:estimatedVolume**

Allowed Children: N/A

Data Type: Numeric

Total Length: 5,1

Data Source: WASTE\_PIECE.ESTIMATED\_VOLUME

Optionality: Optional

Default Value: <blank>

Format:

Validation: 

- Only valid when <waste:wasteAssessmentMethodCode/> is "E" or "O"
- Must be equal to ( $\langle\text{waste:stratumArea}/\rangle * \langle\text{waste:wasteEstimatedPercent}/\rangle$ )

Notes:

#### **waste:estimatedPercent**

Allowed Children: N/A

Data Type: Numeric

Total Length: 4,1

Data Source: WASTE\_PIECE.ESTIMATED\_PERCENT

Optionality: Optional

Default Value: <blank>

Format:

Validation: 

- Only valid when <waste:wasteAssessmentMethodCode/> is "E" or "O"

Notes:

## Change History:

**Bryan Kyle**      2005-02-06  
Document Created.

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*Province of British Columbia, Ministry of Forests, Information Management  
Group*  
[Send suggestions or comments to Web Administrator](#)  
*February 6, 2005*