

# Forest Operating Plan Standard

Saskatchewan Environmental Code

November 15, 2012



Government  
of  
Saskatchewan

# Forest Operating Plan Standard

## Plan Submission and Review

- 1-1** (1) Subject to clauses (a) and (b), every operating plan prepared in accordance with the Forest Operating Plan Chapter and this standard, shall be submitted to the minister on or before April 30 of each year unless;
- (a) a different submission date is established in accordance with the terms of the licence; or
  - (b) the minister authorizes the holder of a licence to produce and submit the operating plan at a different time pursuant to subsections 38(2.1) or 45(3) of the Act.
- (2) An operating plan submitted in accordance with clause (1)(b) shall be signed by a qualified person as described in section 2.1 of *The Forest Resources Management Regulations*.
- (3) The operating plan shall be submitted as one complete paper copy of all maps, text and tables, as well as a digital submission including text, tables and portable document format maps.

## Operating Plan Content

### Licence Specific Requirements

- 1-2** (1) The holder of a forest management agreement or area-based term supply licence shall submit an operating plan that addresses all the informational requirements as set out in sections 1-3, 1-4, 1-5, 1-6, and all tables in the Appendix.
- (2) The holder of a volume based term supply licence or forest product permit that has been granted licenses for a cumulative annual volume greater than or equal to 50,000 cubic metres shall submit an operating plan that addresses the informational requirements set out in the following provisions:
- (i) clause 1-3(1)(c);
  - (ii) clause 1-3(1)(f);
  - (iii) clause 1-3(1)(g);
  - (iv) paragraph and subclause 1-3(1)(j)(i)(A) and (ii);
  - (v) paragraph and subclause 1-3(1)(k)(i),(ii)(A) and (iii);
  - (vi) clause 1-3(1)(n);
  - (vii) clause 1-3(1)(p);
  - (viii) clause 1-3(1)(q);
  - (ix) subsection 1-3(2);
  - (x) section 1-4;
  - (xi) section 1-5; and
  - (xii) subclauses 1-6(c)(ii), (iv), (v), (vi), (vii) and (viii).
- (3) The holder of a term supply licence or forest product permit who has been granted licences for a cumulative annual volume of less than 50,000 cubic metres shall submit an operating plan that addresses the informational requirements set out in the following provisions:
- (i) clause 1-3(1)(c);
  - (ii) clause 1-3(1)(g);
  - (iii) paragraph and subclause 1-3(1)(j)(i)(A) and (ii);
  - (iv) subclauses 1-3(1)(k)(i), and (iii);
  - (v) clauses 1-4(a), (b), (e) and (f);
  - (vi) clauses 1-5 (1)(b), (c), (d) and (f); and
  - (vii) clauses 1-6(c)(ii), (iv), (v), (vi), (vii) and (viii).

## Informational Requirements

- 1-3** (1) Subject to subsections 1-2(2) and (3), operating plans shall include:
- (a) a title page that:
    - (i) describes the operating years for which the plan applies;
    - (ii) identifies the licence to which the plan applies;
    - (iii) contains the name, position and signature of the person submitting the plan; and
    - (iv) contains a statement that the operating plan was prepared in accordance with the requirements of this chapter, the licence, approved forest management plan, and harvest volume schedule, including the utilization standards used to derive the harvest volume schedule;
  - (b) a consolidated summary of variances from the forest management plan, licence or harvest volume schedule and the rationale for the variance;
  - (c) an overview of the consultation activities undertaken with other forest users regarding forest management activities proposed for the first year of the operating plan;
  - (d) an overview of the information sharing activities with First Nation and Métis communities whose ability to exercise Treaty or Aboriginal rights and carry out traditional uses is potentially adversely impacted; and
  - (e) a schedule of public and First Nation and Métis community information sessions to be conducted during the period of the operating plan development;
  - (f) a description of the harvest systems to be used in the forest management activities unless the holder of the licence has an approved forest management plan that sets out the harvest systems;
  - (g) a description of the colour schemes used to distinguish locations of forest management activities in the field, including harvest block boundaries, riparian reserves, and roads;
  - (h) a designation of the person responsible for forest management activities within each harvest block or operating area where, in accordance with the terms of the licence, more than one person is responsible for forest management activities on the licence area;
  - (i) the proposed harvest blocks for the first year of the operating plan, to a maximum of two times the annual allowable harvest specified in the licence;
  - (j) proposed road and surface water crossing construction and maintenance activities as follows:
    - (i) a table that identifies proposed road construction for the first year of the operating plan summarized as follows:
      - (A) for each operating area, the total kilometres of proposed construction by road class, and total kilometres for all classes combined;
      - (B) for each management unit, the total kilometres of proposed construction by road class, and total kilometres for all classes combined; and
      - (C) for the total licence area, the total kilometres of proposed construction by road class, and total kilometres for all classes combined; and
    - (ii) map locations of all existing and proposed road and surface water crossing construction, maintenance, and reclamation activities in map form in accordance with sections 1-4, 1-5, and 1-6;
  - (k) a summary of proposed harvesting activities for the first year of the operating plan as follows:
    - (i) tables that identify the following information for all blocks for the first year of the operating plan, summarized by operating area:
      - (A) the harvest block identification number;
      - (B) the volume in cubic metres to be harvested from each harvest block, with volumes summarized by hardwood vs. softwood and total volume of hardwood and softwood combined; and,

- (C) proposed fire or blow down salvage by block in accordance with categories specified in the Appendix Table 1 and Table 2 by burn or blow down category, and summarized for all categories combined;
- (ii) a table that identifies proposed harvest volumes summarized for the entire forest management agreement or area-based term supply licence area for the first year of the operating plan as follows:
  - (A) for each operating area the volume in cubic metres to be harvested, with volumes summarized by hardwood vs. softwood, and total volume of hardwood and softwood combined;
  - (B) for each management unit the volume in cubic metres to be harvested, with volumes summarized by hardwood vs. softwood and total volume of hardwood and softwood combined;
  - (C) the total licence area volume in cubic metres by tree species to be harvested, with volumes summarized by hardwood vs. softwood and total volume of hardwood and softwood combined; and
  - (D) proposed fire or blow down salvage by block in accordance with categories specified in the Appendix Table 1 and Table 2 by burn or blow down category, and summarized for all categories combined; and
- (iii) map locations of all existing harvest blocks and proposed harvest blocks in map form in accordance with all applicable tables in the Appendix;
- (l) a summary of proposed renewal activities as follows:
  - (i) tables that identify the following information for all blocks proposed in first year the operating plan, summarized by management unit as follows:
    - (A) the harvest block identification number;
    - (B) blocks planned for initial treatment, including the types of renewal treatments proposed for the block;
    - (C) blocks planned for retreatment, including the types of renewal treatments proposed for the block and whether the block contains polygons greater than four hectares assessed as not sufficiently regenerated; and
    - (D) blocks not planned for retreatment, including whether the block contains polygons greater than four hectares assessed as not sufficiently regenerated where, in the opinion of the holder of the licence, the polygon or harvest block failed to meet sufficiently regenerated status due to mitigating circumstances including a change to the water regime due to beaver activity, frost damage and other natural events, activities associated with overlapping licenses or compaction by other forest users; and
  - (ii) map locations of all proposed renewal activities presented in map form in accordance with all applicable tables in the Appendix;
- (m) with respect to proposed pesticide treatments for the purpose of renewal, and insect and disease, the following information:
  - (i) specific purpose of the treatment;
  - (ii) pesticide name and labelling details;
  - (iii) application method and rate;
  - (iv) protection of the environment; and
  - (v) specific consultation processes related to the treatment;
- (n) existing and planned road closure locations on the operating plan maps in accordance with all applicable tables in the Appendix;
- (o) with respect to insects and disease management:
  - (i) descriptions of where forest management activities will occur to address specific forest insect and disease concerns; and

- (ii) locations of the proposed harvest blocks to manage insect and disease on maps as set out in all applicable tables in the Appendix;
  - (p) with respect to proposed research, map locations in accordance with all applicable tables in the Appendix of proposed research or projects that will require forest management activities to be conducted within the licence area including operational trials of new technology, operating methods, prescribed burns, or introduction of non-native species, including the timing and purpose of the research trial or project;
  - (q) unless described in a forest management plan:
    - (i) map locations of visually sensitive areas in accordance with all applicable tables in the Appendix, including roads or harvest blocks potentially affecting these areas; and
    - (ii) describe visual quality objectives for each visually sensitive area and description of how these objectives will be achieved.
- (2) With respect to harvest blocks that have not been completely harvested within two years of harvest commencement, the holder of a licence shall assign a new block number to any unharvested portion of a block that is planned for future harvest.

### **Basic Map Features**

- 1-4** Subject to subsections 1-2(2) and (3), maps shall include the following spatial features (layers):
- (a) surface water including lakes, rivers and streams identified on forest inventory maps;
  - (b) numbered provincial highways and roads, municipal roads;
  - (c) existing licensee class 1 and 2 roads with road names;
  - (d) proposed licensee class 1 and 2 roads with road names represented by:
    - (i) one unique identifier outlining roads proposed for year one; and
    - (ii) one unique identifier outlining roads proposed for years two to five;
  - (e) permanent exclusions including Crown land committed to other land uses or under other dispositions, parks, representative areas, wilderness and conservation areas and Indian Reserves;
  - (f) licence, management unit and operating area boundaries;
  - (g) mapsheet grids/boundaries; and
  - (h) annotations for each feature in the form of labels and legends.

### **Map Layout Requirements**

- 1-5** (1) Subject to subsections 1-2(2) and (3), mapping products shall display the following information:
- (a) title including main and subtitles and date of last revision;
  - (b) north arrow;
  - (c) map scale and scale bar;
  - (d) source data, including map projection and datum;
  - (e) legend that defines every symbol, line, and colour;
  - (f) licence holder's logo or name; and
  - (g) map file name.
- (2) All symbols and information presented shall be clearly distinguishable on the mapping products.

### **Map Production**

- 1-6** Subject to subsections 1-2(2) and (3), a holder of a licence shall include the following maps and information in the operating plan with distinct identifiers for each map feature, including standardized and consistent use of colour-coding and symbols:
- (a) with respect to the licence area map (scale 1:250,000 to 1:300,000):
    - (i) existing and proposed harvest blocks:

- (A) proposed blocks in year one;
- (B) proposed blocks in years two to five; and
- (C) existing harvest blocks not designated free-to-grow; and
- (D) blocks harvested prior to 2004 and declared sufficiently regenerated by the licence holder;
- (ii) fires within the last 10 years; and
- (iii) existing roads and trails as provided by the minister;
- (b) with respect to the management unit map (Scale 1:50,000):
  - (i) same as features outlined for licence area map;
  - (ii) existing licensee class 3 and 4 roads;
  - (iii) proposed licensee class 3 and 4 roads represented by:
    - (A) one unique identifier outlining the roads proposed for year one; and
    - (B) one unique identifier outlining roads proposed for years two to five;
  - (iv) block numbers for all existing and proposed harvest blocks;
  - (v) operating year of harvest for existing blocks;
  - (vi) one unique identifier outlining the blocks proposed for year one; and
  - (vii) one unique identifier outlining blocks proposed for years two to five; and
  - (viii) pesticide treatment areas;
- (c) with respect to the operating area map (Scale 1:12,500 or 1:15,000):
  - (i) the same features as outlined for management unit map;
  - (ii) forest inventory stand boundaries and labels;
  - (iii) merchantable and non-merchantable stands;
  - (iv) stand boundaries and labels for proposed harvest blocks;
  - (v) existing and proposed surface water crossings, by type including bridge, culvert, ice bridge, snow fill, log fill or other;
  - (vi) existing and proposed road closures, by type including gate, earthen berm, or other;
  - (vii) proposed road reclaim;
  - (viii) reclaimed roads and reclaimed surface water crossings;
  - (ix) visually sensitive areas;
  - (x) proposed research or other projects; and
  - (xi) insect and disease management areas;
- (d) (i) with respect to the renewal map (Scale 1:50,000), locations of proposed and contingency renewal activities in year one to include:
  - (A) existing class 1 and 2 roads;
  - (B) existing harvest blocks;
  - (C) existing surface water crossings; and
  - (D) renewal treatment areas showing:
    - (I) site preparation by type;
    - (II) planting by species;
    - (III) tending by type;
    - (IV) natural regeneration by species; and
    - (V) not sufficiently regenerated re-treatment polygons.

## Appendix

**Table 1. Burn Categories**

<b>Burn Category</b>
<b>1) Green:</b> All timber is unburnt within a defined contiguous area*
<b>2) Low (Root Burn):</b> ≥ 80% of the timber in a defined contiguous area* is burnt below stump height (30 cm)
<b>3) Moderate:</b> ≥ 80% of the timber in a defined contiguous area* is burnt ≤ 5.0 m up the stem (typically the stem is burnt below the live crown)
<b>4) High:</b> ≥ 80% of the timber in a defined contiguous area* is burnt > 5.0 m up the stem (typically the entire stem is burnt black)

\* Contiguous area shall be as specified in the approved operating plan.

**Table 2. Blow Down Categories**

<b>Blow Down Category</b>
<b>A) Low:</b> ≤ 20% of the trees** in a defined contiguous area*** are affected by the blow down event
<b>B) Moderate:</b> > 20 - ≤ 66% of the trees** in a defined contiguous area*** are affected by the blow down event
<b>C) High:</b> > 66% of the trees** in a defined contiguous area*** are affected by the blow down event

\*\* Affected trees include trees that have been uprooted, contain cracked or broken stems, or stems are bent at greater than a 30 degree angle from vertical.

\*\*\* Contiguous area shall be as specified in the approved operating plan.

**Table 3. Road Classes**

	Road Classes			
	1	2	3	4
Definition	<ul style="list-style-type: none"> <li>• all weather</li> <li>• primary access</li> <li>• gravelled</li> <li>• accessing multiple operating areas</li> </ul>	<ul style="list-style-type: none"> <li>• winter or summer</li> <li>• secondary access</li> <li>• typically gravelled</li> <li>• typically accessing one or more operating areas</li> </ul>	<ul style="list-style-type: none"> <li>• winter or summer</li> <li>• tertiary access</li> <li>• may be gravelled</li> <li>• typically accessing one or more harvest blocks in an operating area</li> </ul>	<ul style="list-style-type: none"> <li>• in block</li> <li>• originates and terminates within the same harvest block</li> <li>• used exclusively for the decking and transport of wood originating from within the block</li> <li>• may have material applied to surface (gravel, sand or clay)</li> </ul>
Life Expectancy	Permanent	5-20 years	1-15 years	<2 years
Maximum Right-of-Way Width	40 m	30 m	20 – 30 m (winter) - (summer)	NA
Road Driving Surface Width	8.0 m – 10.0 m	7.0 – 8.0 m	< 7.0 m	NA

**Table 4. Attributes for Harvest Activities**

Field Name	Definition and Contents
FEATURE_ID	Polygon Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each polygon</li> </ul>
HARVEST_BLOCK_ID	Harvest Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each harvest block</li> <li>• polygons &gt; 2 ha including islands shall be delineated</li> </ul>
HARVEST_OPERATOR	Responsible Operator <ul style="list-style-type: none"> <li>• user-defined</li> <li>• an operator other than the forest management agreement or area-based term supply licence holder who is responsible for obligations respecting harvesting activities in a block</li> <li>• includes third party operations that have been incorporated into the operating plan of the forest management agreement or area-</li> </ul>



Field Name	Definition and Contents
RENEWAL_OPERATOR	<p>based term supply licence</p> <p>Responsible Operator</p> <ul style="list-style-type: none"> <li>• user-defined</li> <li>• an operator other than the forest management agreement or area-based term supply licence holder who is responsible for obligations respecting renewal activities in a block</li> <li>• includes third party operations that have been incorporated into the operating plan of the forest management agreement or area-based term supply licence</li> </ul>
DATA_SOURCE	<p>Platforms and Approximate Accuracy used to generate the dataset values:</p> <ul style="list-style-type: none"> <li>• FIELD MAP</li> <li>• GPS – recreational (&gt; 15 m)</li> <li>• GPS – autonomous (PDOP filters/masks) (&lt; 15 m)</li> <li>• GPS – differential (&lt; 5 m)</li> <li>• PHOTO – large scale (&gt;1:10,000 ~ 10 cm)</li> <li>• PHOTO – inventory scale (1:15,000 ~ 30 cm)</li> <li>• PHOTO – small scale (1:60,000 ~ 1 m)</li> <li>• SAT – high resolution (GeoEye, IKONOS, QuickBird, WorldView) (1 m)</li> <li>• SAT – medium resolution (SPOT 5 m)</li> <li>• SAT – low resolution (SPOT 20m, LANDSAT)</li> <li>• SKETCH MASTER</li> <li>• OTHER – specify</li> </ul>
HARVEST_YEAR	<p>Harvest Year</p> <ul style="list-style-type: none"> <li>• MM/YY</li> </ul>
HARVEST_SYSTEM	<p>Harvest System</p> <ul style="list-style-type: none"> <li>• CC – clear cut</li> <li>• CP – clearcut with partial overstory protection</li> <li>• CT – commercial thinning</li> <li>• HC – hardwood cleanup</li> <li>• MC – modified clearcut</li> <li>• PC – partial cut softwood</li> <li>• SA – selective harvest aesthetic</li> <li>• SB – salvage burn</li> <li>• SC – strip cut</li> <li>• SH – selection harvest</li> <li>• SM – salvage mistletoe</li> <li>• SP – salvage borrow pit</li> <li>• SR – selective harvest riparian</li> <li>• ST – seed tree retention</li> <li>• SW – salvage windthrow</li> <li>• UP – understory protection</li> <li>• WP – white spruce understory protection</li> <li>• OT – other</li> </ul>
COMMENTS	

**Table 5. Attributes for Roads**

<b>Field Name</b>	<b>Definition and Contents</b>
FEATURE_ID	Polygon or Linear Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each polygon or linear feature</li> </ul>
ROAD_ID	Road Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each road section</li> </ul>
ROAD_STATUS	State of the Road <ul style="list-style-type: none"> <li>• closed</li> <li>• existing (construction ongoing or completed)</li> <li>• proposed</li> <li>• reclaimed as defined in section 1-2</li> </ul>
ROAD_CLASS	Road Class (classes as per road table in the forest management agreement standards) <ul style="list-style-type: none"> <li>• Class 1</li> <li>• Class 2</li> <li>• Class 3</li> <li>• Class 4</li> </ul>
COMMENTS	

**Table 6. Attributes for Road Closures**

<b>Field Name</b>	<b>Definition and Contents</b>
FEATURE_ID	Point Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each point</li> </ul>
CLOSURE_ID	Closure Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each closure symbol</li> </ul>
CLOSURE_TYPE	Type of Closure <ul style="list-style-type: none"> <li>• berm</li> <li>• gate</li> <li>• other – specify</li> </ul>
COMMENTS	

**Table 7. Attributes for Surface Water Crossings\***

<b>Field Name</b>	<b>Definitions and Contents</b>
FEATURE_ID	Point Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each point</li> </ul>
CROSS_ID	Crossing Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for surface water crossing</li> </ul>
CROSS_TYPE	Type of Crossing <ul style="list-style-type: none"> <li>• bridge</li> <li>• bridge – ice</li> <li>• culverts (cross drain culverts not included)</li> <li>• log fill</li> <li>• snow fill</li> <li>• other – specify</li> </ul>
STATUS	Status of the Crossing <ul style="list-style-type: none"> <li>• existing (construction ongoing or completed)</li> <li>• proposed</li> <li>• reclaimed</li> </ul>
COMMENTS	

\* Unless otherwise exempt under *The Environmental Management and Protection Act, 2010* or the code, all licence holders shall obtain Aquatic Habitat Protection Permits for construction and maintenance activities described in the operating plan.

**Table 8. Attributes for Site Preparation**

<b>Field Name</b>	<b>Definition and Contents</b>
FEATURE_ID	Polygon Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each polygon</li> </ul>
SIP_BLOCK_ID	Site Preparation Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• optional</li> <li>• can be the same as harvest block ID</li> </ul>
HARVEST_BLOCK_ID	Harvest Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each harvest block</li> </ul>
SIP_AREA	Polygon Area <ul style="list-style-type: none"> <li>• area of site preparation activities in hectares</li> </ul>
SIP_METHOD	Site Preparation Method <ul style="list-style-type: none"> <li>• chemical</li> <li>• mechanical – drags</li> <li>• mechanical – mounding</li> <li>• mechanical – shear blade</li> <li>• none</li> <li>• other – specify</li> </ul>
STATUS	Status <ul style="list-style-type: none"> <li>• proposed</li> <li>• completed</li> </ul>

Field Name	Definition and Contents
COMMENTS	

**Table 9. Attributes for Reforestation**

Field Name	Definition and Contents
FEATURE_ID	Polygon Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each polygon</li> </ul>
REFOR_BLOCK_ID	Reforestation Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• optional</li> <li>• can be the same as harvest block ID</li> </ul>
HARVEST_BLOCK_ID	Harvest Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each harvest block</li> </ul>
OPERATOR	Responsible Operator <ul style="list-style-type: none"> <li>• user-defined</li> <li>• an operator other than the forest management agreement or area-based term supply licence holder who is responsible for obligations respecting reforestation activities in a block</li> <li>• includes third party operations that have been incorporated into the operating plan of the forest management agreement or area-based term supply licence</li> </ul>
REFOR_AREA	Polygon Area <ul style="list-style-type: none"> <li>• area of reforestation activities in hectares</li> </ul>
REFOR_METHOD	Reforestation Method <ul style="list-style-type: none"> <li>• artificial regeneration – planting</li> <li>• leave for natural</li> <li>• other – specify</li> </ul>
STATUS	Status <ul style="list-style-type: none"> <li>• proposed</li> <li>• completed</li> </ul>
REFOR_SPECIES I	Reforestation Dominant Species <ul style="list-style-type: none"> <li>• if applicable</li> <li>• primary species planted (e.g. wS, jP) expressed as #trees/ha</li> </ul>
REFOR_SPECIES II	Reforestation Subdominant Species <ul style="list-style-type: none"> <li>• if applicable</li> <li>• secondary species planted (e.g. bS) expressed as #trees/ha</li> </ul>
REFOR_SPECIES III	Reforestation Subdominant Species <ul style="list-style-type: none"> <li>• if applicable</li> <li>• tertiary species planted (e.g. bS) expressed as #trees/ha</li> </ul>
COMMENTS	

**Table 10. Attributes for Pesticide Application**

<b>Field Name</b>	<b>Definition and Contents</b>
FEATURE_ID	Polygon Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each polygon</li> </ul>
PEST_BLOCK ID	Pesticide Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• can be the same as harvest block ID</li> </ul>
HARVEST_BLOCK_ID	Harvest Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each harvest block</li> </ul>
PEST_AREA	Area of Pesticide Treatment <ul style="list-style-type: none"> <li>• area in hectares</li> </ul>
PEST_PURPOSE	Reason for Pesticide Application <ul style="list-style-type: none"> <li>• control of vegetative competition</li> <li>• density management</li> <li>• infestation control</li> <li>• Other (specify).</li> </ul>
PEST_METHOD	Method of Application <ul style="list-style-type: none"> <li>• aerial–fixed wing</li> <li>• aerial–rotary wing</li> <li>• backpack</li> <li>• basal bark treatments</li> <li>• other</li> </ul>
STATUS	Status <ul style="list-style-type: none"> <li>• proposed</li> <li>• completed</li> </ul>
PEST_NAME	Trade Name of Pesticide
COMMENTS	

**Table 11 Attributes for Stand Tending**

<b>Field Name</b>	<b>Definition</b>
FEATURE_ID	Polygon Identification <ul style="list-style-type: none"> <li>• system-defined</li> <li>• shall be unique for each polygon</li> </ul>
TEND_BLOCK_ID	Stand Tending Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• optional</li> <li>• can be the same as harvest block ID</li> </ul>
HARVEST_BLOCK_ID	Harvest Block Identification <ul style="list-style-type: none"> <li>• user-defined</li> <li>• shall be unique for each harvest block</li> </ul>
HARVEST_BLOCK_#	<ul style="list-style-type: none"> <li>• Harvest Block Number</li> </ul>
TEND_AREA	Polygon Area <ul style="list-style-type: none"> <li>• area of tending activities in hectares</li> </ul>
TEND_TREATMENT	Stand Tending Treatment <ul style="list-style-type: none"> <li>• pre-commercial thinning</li> <li>• tending of shrubs competition</li> </ul>

Field Name	Definition
	<ul style="list-style-type: none"> <li>• other</li> </ul>
TEND_METHOD	Stand Tending Method <ul style="list-style-type: none"> <li>• axe</li> <li>• brush saw</li> <li>• sheep</li> <li>• other – specify</li> </ul>
STATUS	Status <ul style="list-style-type: none"> <li>• proposed</li> <li>• completed</li> </ul>
COMMENTS	

## Glossary of Terms

### **Act**

*The Forest Resources Management Act.*

### **Forest management activity**

Activities respecting:

- (1) the harvesting, renewal or scaling of timber; or
- (2) the construction, operation, use, maintenance, closure or reclamation of surface water crossings and roads.

### **Harvest volume schedule**

The maximum sustainable timber volume that can be harvested each year, as determined or approved by the minister.

### **Operating year**

The period from April 1 to the following March 31.

### **Right of way**

A strip of land as described in the Appendix Table 3 and set out in an operating plan, upon which a holder of a licence constructs a road, and includes any extra work space immediately adjacent to the right of way that is required for the purpose of:

- (1) extracting soil that:
  - (a) is used as fill material when constructing or maintaining the road;
  - (b) is less than 0.5 hectares in size; and
  - (c) results in the total displacement of less than 350 cubic metres of fill material; or
- (2) establishing drainage so that surface water may be outcast into the adjacent harvest block or undisturbed forest vegetation.

### **Road**

Any right of way or road allowance associated with forest management activities.

### **Road closure**

The restriction of vehicle travel on the road surface by the installation of a gate, berm or other barrier.

### **Road reclamation**

The alteration of the road and roadside landings to prevent vehicle travel, prevent sedimentation by stabilizing ditches and slopes where required, and provide for the establishment of regenerating tree species and the reclamation of surface water crossings.

### **Salvage operations**

The harvesting of timber that is:

- (1) directed by the minister pursuant to section 41, 48 or 50 of the Act;
- (2) identified by the holder of the licence as damaged or likely to be damaged by natural causes, such as fire, wind, flood, insects and disease in an operating plan approved by the minister; or
- (3) where the removal or disturbance of the timber is incidental to an approved activity.

### **Surface water**

Water that is above the surface of land and in a river, stream, lake, creek, spring, wetland, or other water course or waterbody, whether the water is there permanently or intermittently.

**Surface water crossing reclamation**

The removal of a surface water crossing structure, the re-establishment of the natural channel location and width, bed depth, and bank slopes, including stabilization of slopes where required to mitigate sedimentation and maintenance of surface and subsurface water flow.

**Timber**

Any trees or parts of trees from Crown land, whether standing, fallen, cut, alive or dead.

**Wetland**

A bog, fen, marsh, shallow water, or swamp as described in the Canadian Wetland Classification System (1997).