DMI PRPD Mill Profile

- **Constructed:** 1989
- **Product:** Kraft Pulp (Hardwood & Softwood)
- **Production:** 1200-1500 ADMTs/day
- **FTE permanent staff:** 290-310
- **Contractor Workforce:** 150-180
- **Deliveries:**
  - Chips (Bush chipping and residual from local sawmills)
  - Tree-length logs (salvage, incidental from other operators)
  - Biomass (from local sawmills for energy production)
Pulp Mill Annual Requirements:

- 1.3 million m³ deciduous
- 1.2 million m³ conifer (purchased chips)
- c. 275,000 tonnes biomass
Forestry Planning Process in Alberta

- **Detailed Forest Management Plan (DFMP)**
  - 10 year plan (with a 200 year outlook)

- **General Development Plan (GDP)**
  - 5 year plan (done yearly)

- **Forest Harvest Plan (FHP)**
  - Harvesting Plan for up to 5 years volume

- **Annual Operating Plan (AOP)**
  - 1 year plan and harvesting authority

General Development Plan 2018
Purpose of the GDP

Purpose
To provide a projection of activities for the next 5 years
  ▪ A five year forecast of the areas scheduled for harvest (with an estimate of the volume to be harvested in each area)
  ▪ An overview map of the operating areas

GDP Map:
  ▪ Overview of operations.
  ▪ Proposed haul routes and satellite yards.
  ▪ Shows planned operating areas for 5 years (color coded by year).
Primary Components of the GDP

• Cut control tables (identifying the annual allowable cut versus the actual volume harvested)

• As-built information from the previous timber year (i.e. roads, cut blocks, etc) along with any outstanding actions to be completed from the previous timber year (i.e. volume to haul, roads to reclaim etc.)

• First Nation / Metis / Public consultation program.
2018 General Development Plan

2017-2018 highlights
2018-2019 harvesting / hauling plans
First Nation / Metis consultation
Current research and development
Opportunities for providing feedback
2018 General Development Plan

- GDP Map:
  - Overview of operations.
  - Proposed haul routes and satellite yards.
  - Shows planned operating areas for 5 years (color coded by year).
2018 General Development Plan

General Development Plan 2018
Harvest Operations

Portable Chippers
- Currently 8 operating
- Fleet of approximately 70 trucks
- Crown and private lands
- Operations scheduled from July 15th until March 31st
Safety

- Truck safe procedures
- DMI does random 3rd party Mechanical inspections on the trucking fleet.
- During the winter hauling season DMI employees do internal truck audits.
Highlights – 2017 Season

DMI Harvested a total of 82 cut blocks (FMA’s and Quotas).

- Total Area (ha): 3,494
- Average size (ha): 42
- Largest Block (ha): 554
- Smallest block (ha): 1
Examples of Cutblock Size and Shapes
## 2018 Season Operations

<table>
<thead>
<tr>
<th>Disposition</th>
<th>M$^3$</th>
<th>Number of Loads</th>
<th>Towns Trucks go Through</th>
</tr>
</thead>
<tbody>
<tr>
<td>KR-Twin Lakes</td>
<td>260,000</td>
<td>4,334</td>
<td>Manning</td>
</tr>
<tr>
<td>DTLP550001-Carcajou</td>
<td>50,000</td>
<td>833</td>
<td>Manning</td>
</tr>
<tr>
<td>DTLP200001-WC02</td>
<td>145,000</td>
<td>2,417</td>
<td>Manning</td>
</tr>
<tr>
<td>DH-Hines Creek</td>
<td>130,000</td>
<td>2,167</td>
<td>None</td>
</tr>
<tr>
<td>EP-Cache Creek</td>
<td>250,000</td>
<td>4,167</td>
<td>None</td>
</tr>
<tr>
<td>EP-Whiskey Jack</td>
<td>250,000</td>
<td>4,167</td>
<td>None</td>
</tr>
<tr>
<td>EP-Keppler Creek</td>
<td>120,000</td>
<td>2,000</td>
<td>None</td>
</tr>
</tbody>
</table>
2018 Season Operations

Trucking

- ~29,000 loads
- Primarily chip trucks (B-train)
- Satellite yard volume is brought in tree length on Log trucks (Satellite yard volume usually consists of salvage and incidental volume from the conifer operators).
- A new satellite yard has been built and is being operated along the East haul road.
Access

- Controlled Access
  - Whiskey Jack Creek Bridge (P5-100 road)
  - Keg River Road
  - Restrictions where requested by GOA
- Road construction minimized through co-ordination with other users.
- Existing lines used whenever possible.
  - (e.g. seismic, oilfield roads)
- In-block roads are rehabilitated and when necessary planted (due to compaction) following harvest.
## Silviculture

<table>
<thead>
<tr>
<th>Activity (hectares)</th>
<th>2017 (Actual)</th>
<th>2018 (Planned)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Preparation</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Decompaction (Roads)</td>
<td>40</td>
<td>45</td>
</tr>
<tr>
<td>Planting</td>
<td>450</td>
<td>350</td>
</tr>
<tr>
<td>Leave For Natural</td>
<td>4,000</td>
<td>2,989</td>
</tr>
<tr>
<td>Surveys (Establishment &amp; Performance)</td>
<td>3,700</td>
<td>2,950</td>
</tr>
</tbody>
</table>
Timing of Operations

- Non-frozen Operations
  - July 15\textsuperscript{th} to freeze-up
  - Voluntary migratory birds timing restriction in place.

- Frozen Operations
  - Freeze-up (starting end of November) to break-up (mid to end of March)
    These dates are dependent on weather

- Operations in satellite yard (PRPD Mill Site)
  - April to August

- Private land operations
  - July 15\textsuperscript{th} - March but normally targeting summer operations

General Development Plan 2018
DMI Certifications

- **Sustainable Forestry Initiative (SFI)**
  - Forest Management
  - Fiber Sourcing

- **Chain-of-Custody**
  - Programme for the Endorsement of Forest Certification (PEFC)
  - Forest Stewardship Council (FSC)
    - controlled wood from other sources

- **All of the Certifications are audited annually (both internal and external)**
Initiatives/Achievements

- Completed the AVI for the West FMA and have completed 80% of the AVI for the East FMA, in preparation for completing new DFMP plans.

- DMI is currently carrying out a ribbonless boundary trial (with GOV) which involves using GPS technology in harvesting equipment.
Information on the 2018 GDP was provided to First Nations and Metis Settlements with traditional use areas that overlap proposed operating areas. Information packages included general locations and timelines of planned harvesting/roads and silviculture activities.

The package also included an overview map, general company information and our specific methods of planning, harvesting and reforestation.
Public Advisory Committee (PAC) - PAC is composed of members representing various stakeholder groups, individual viewpoints, government agencies and industries. Meetings are held quarterly and provide an opportunity to give DMI direct feedback on their practices / policies.

Groups / individuals are welcome to make an application to join PAC. All inquiries regarding PAC can be made by calling the DMI Woodlands office at (780) 624 – 7415.
For further information on the General Development Plan, please feel free to contact us:

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