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Chilliwack Natural Resource District

Ministry of Forests, Lands, Natural
Resource Operations and Rural
Development







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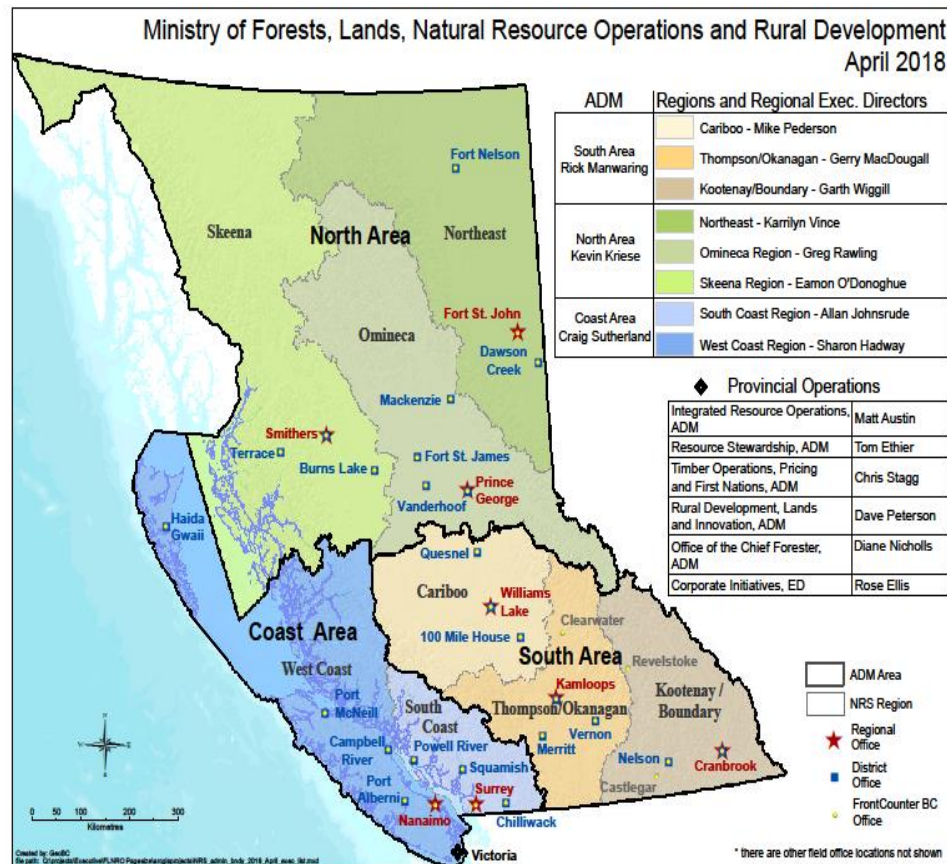


The Coast Area





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- ~ 3000 people in the Ministry
- 3 Areas
- 8 Regions
- 24 Districts

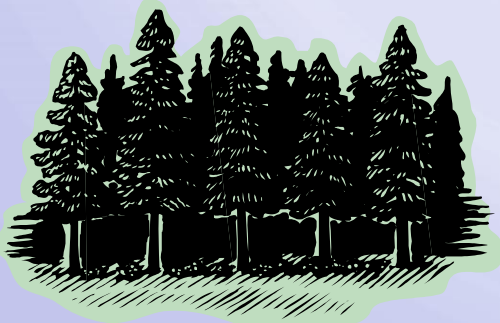


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What is the Ministry of Forests, Lands, Natural Resource Operations and Rural Development?

*Stewardship of the Province's Crown Land and
resources that reflects the diverse values and
interests of all British Columbians.*





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- The BC Provincial Government has direct authority over 94% of the land and natural resources in British Columbia.
- The Region and Districts administer the land and resources through authority granted in legislation and policy.

“One Land Manager” concept...



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District Office





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Stewardship

FrontCounterBC

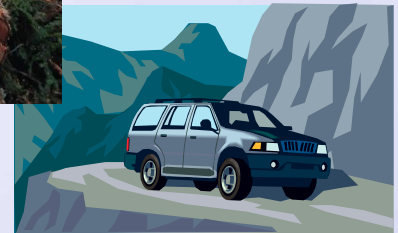
- Application Intake
- Authorizations





Authorizations

- Forest Licenses, Plans and Permits
- Road Management
- Land Act Tenures
- Water Act
- Wildlife Act Permits



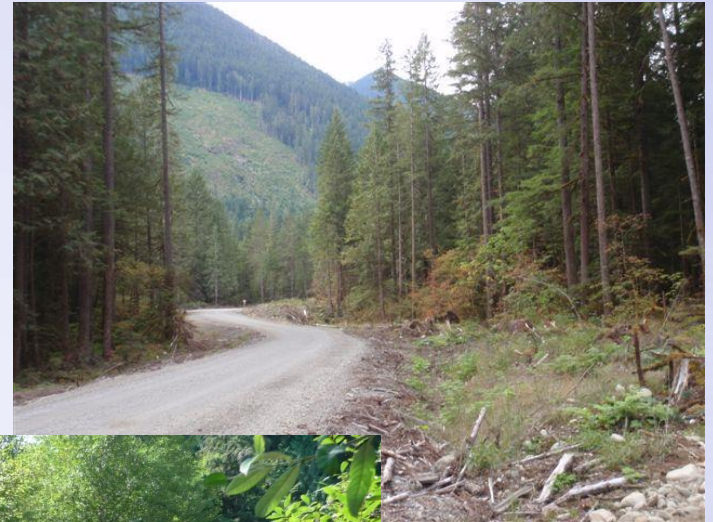


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Engineering

- 2000 km of Forest Service Roads



- 450 bridges

- Public Safety





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Revenue

- Pricing
- Scaling
- BC Timber Sales





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Stewardship

- Monitoring
- Forest Health
- Stewardship Plan Reviews
- Wildlife and Ecosystem Protection





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Recreation

- Establish and Manage Sites
- Trails





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Natural Resource Officer

(Compliance and
Enforcement)

- Inspections
- Tickets
- Investigations
- OTBHs





Chilliwack NR District by the Numbers

- 1.4M Ha
- 22% Parks
- 1.2 M m³/yr
- 20% Forestry





Chilliwack NR District by the Numbers

| | | |
|--------------------------|----|--|
| Tree Farm Licence | 1 | (District of Mission 43,398 M3 AAC) |
| Community Forest AAC) | 1 | (Cascade Lower Canyon, 30,900 M3 AAC) |
| Woodlots | 16 | (50,353 M3 AAC) |
| FLs Replaceable | 7 | (650,119 M3 AAC) |
| FLs Non-Replaceable | 17 | (approx. 250,000 M3 AAC) |
| OLTC (2017) | 6 | |
| FLTC (2017) | 9 | |
| Cutting Permits (FLs) | 32 | (2017) |



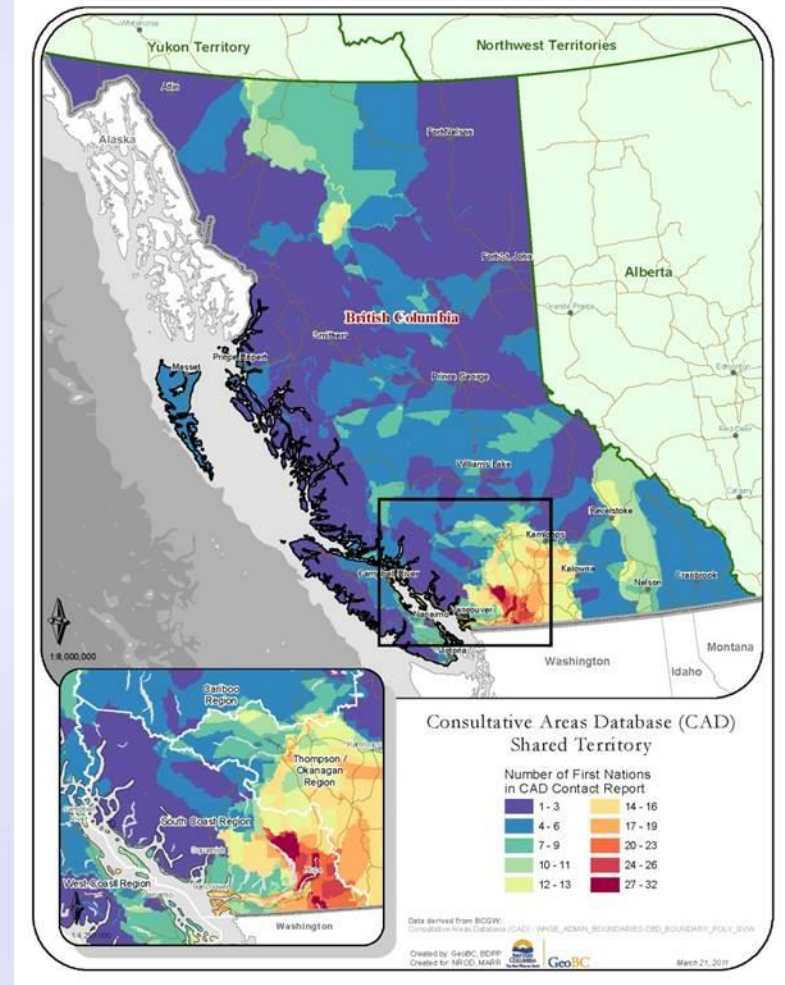
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First Nations

- There are 634 First Nations in Canada.
- There are 198 distinct First Nations in BC
- 57 First Nations have asserted traditional territories which overlap the Chilliwack Natural Resource District (1 Treaty)
- 34 of these communities reside in the District.
- 42 First Nations hold forestry revenue and/or consultation agreements within the District (FCRSA, SDM, IFA, SSEA)





First Nations

Partnerships and Agreements

- Stó:lō SEA (16 communities)
 - Timber Supply Review Sensitivity Analysis
 - Integrated Stewardship Strategy
 - Implementing the S'ólh Téméxw Use Plan
- Kweh-Kwuch-Hum (Mt. Woodside) GAR
 - Area for traditional, cultural, spiritual practices and forest management





- **Forest Licensee Responsibilities:**
- Develop a Forest Stewardship Plan that addresses these values (defined in *Forest and Range Practices Act*)
- Develop harvesting and road proposals consistent with this plan and legislation
- Obtain specific cutting or road permits
- Carry out primary forest activities including reforestation

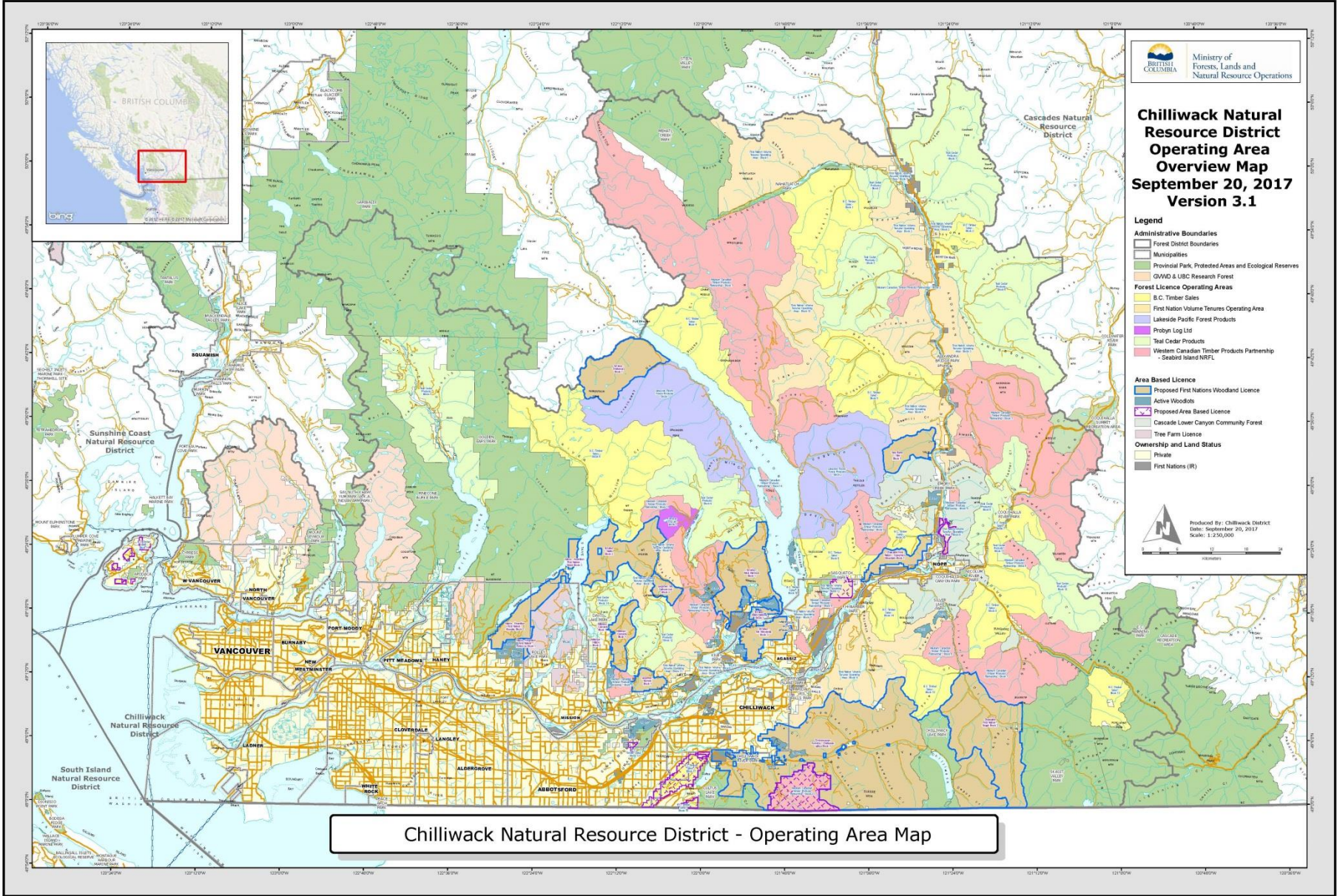
Chilliwack Natural Resource District Operating Area Overview Map

September 20, 2017

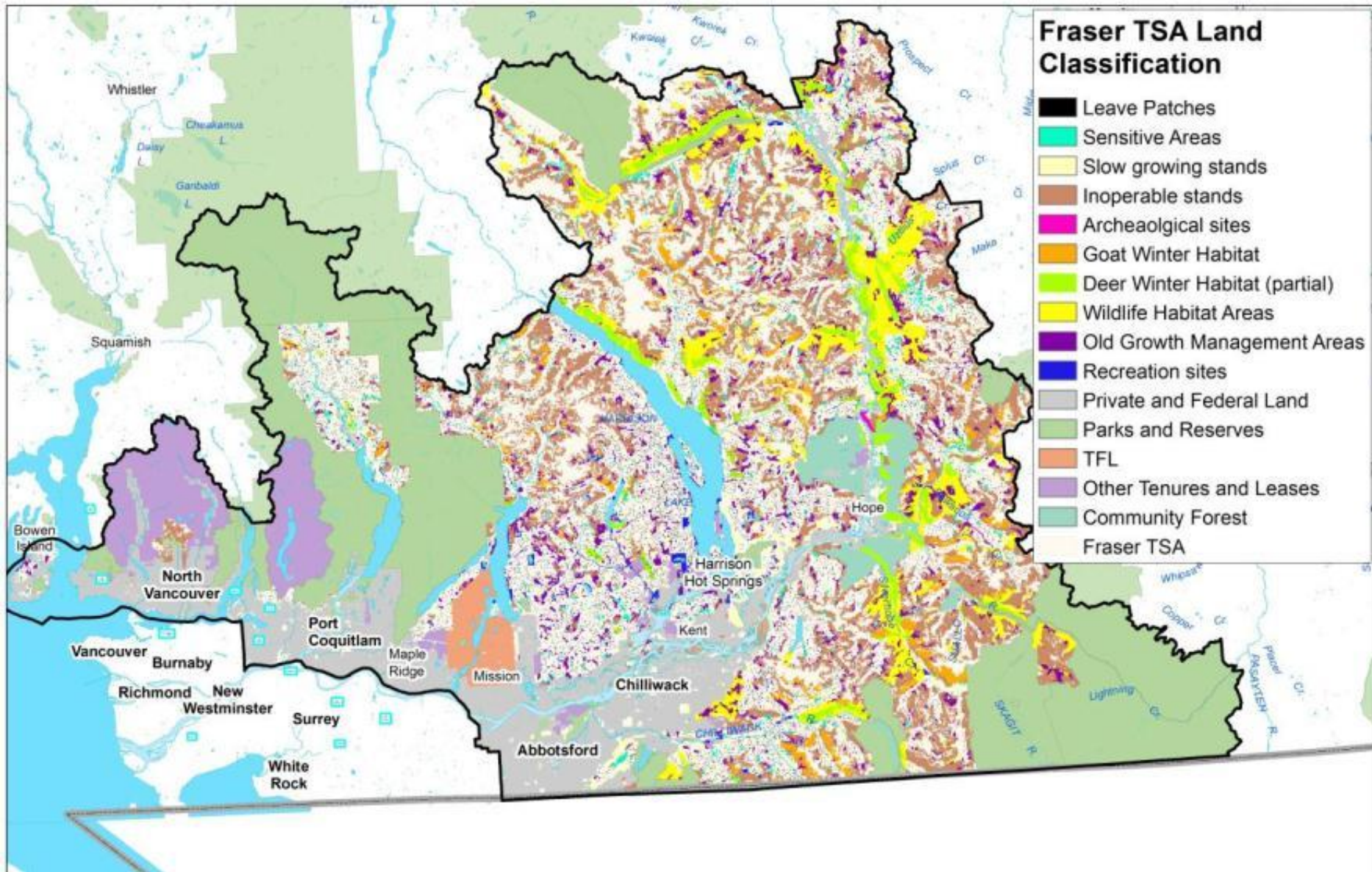
Version 3.1

- Legend**
- Administrative Boundaries**
 - Forest District Boundaries
 - Municipalities
 - Provincial Park, Protected Areas and Ecological Reserves
 - GWVD & UBC Research Forest
 - Forest Licence Operating Areas**
 - B.C. Timber Sales
 - First Nation Volume Tenures Operating Area
 - Likewise Pacific Forest Products
 - Proton Log Ltd
 - Tal Cedar Products
 - Western Canadian Timber Products Partnership
 - Seabird Island NRFL
 - Area Based Licence**
 - Proposed First Nations Woodland Licence
 - Active Woodlots
 - Proposed Area Based Licence
 - Cascade Lower Canyon Community Forest
 - Tree Farm Licence
 - Ownership and Land Status**
 - Private
 - First Nations (IR)

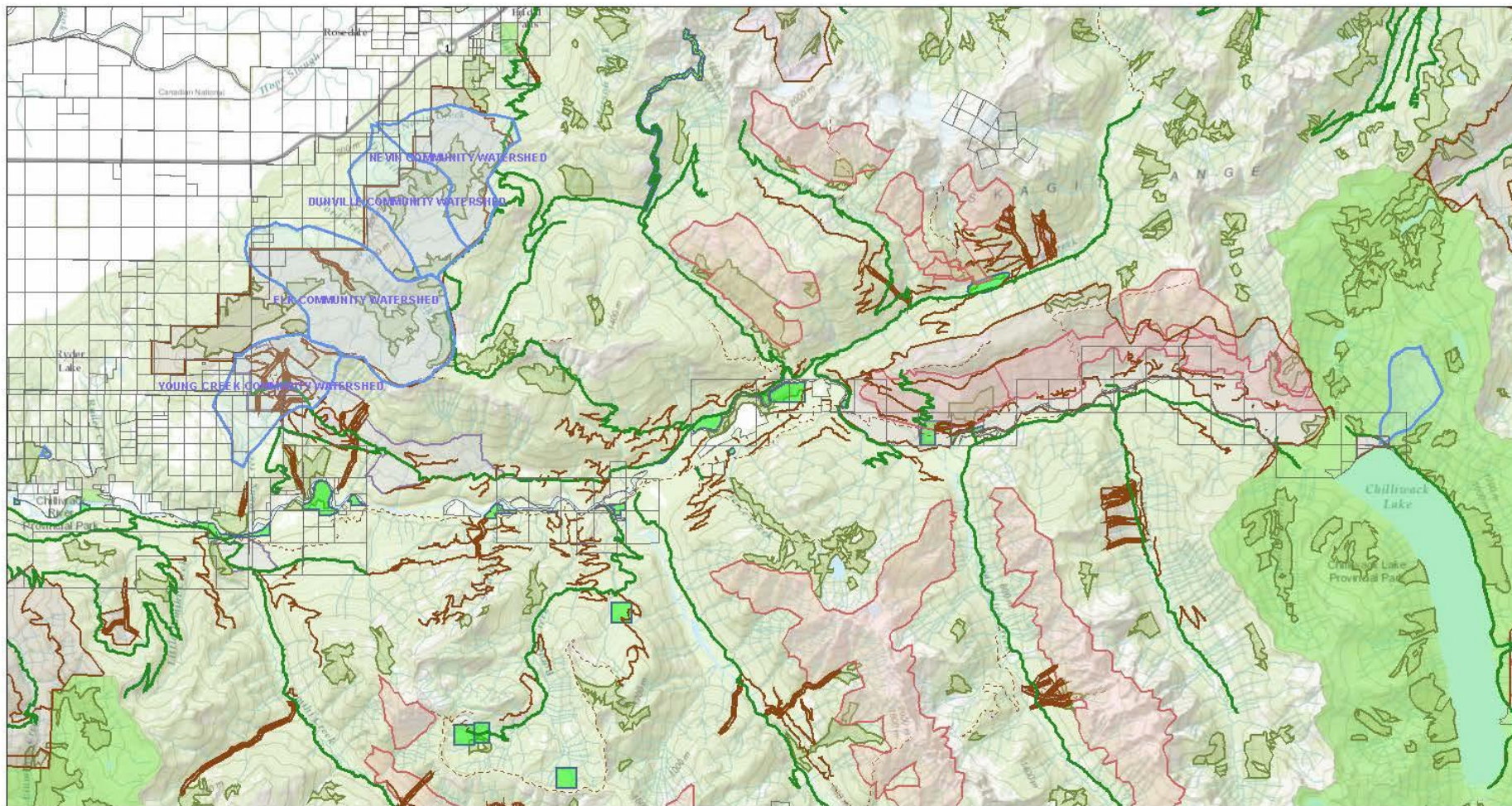
Produced By: Chilliwack District
 Date: September 20, 2017
 Scale: 1:250,000



Chilliwack Natural Resource District - Operating Area Map



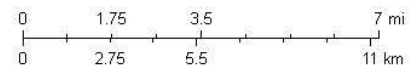
Constraints Map



September 9, 2015

- | | | |
|--------------------------------------|-----------------------|---------------------------|
| Primary Survey Parcels | Wildlife Habitat Area | Parks and Protected Areas |
| Community Watersheds | Ungulate Winter Range | Recreation Trails |
| Resource Roads | Recreation Sites | OGMA Legal |
| Forest Service Road | Managed Licence | |
| Road Permit | | |
| Natural Resource District Boundaries | | |

1:144,448



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., ©CBDO, USGS, FAD, NPS, NRCAN, ©eoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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Wood Lake Fire

- ~1300 ha area
- Fire Costs – estimated at \$500,000/day
- Post Wildfire Risk Assessment
- Assess stewardship values
- Potential salvage
- Reforestation options



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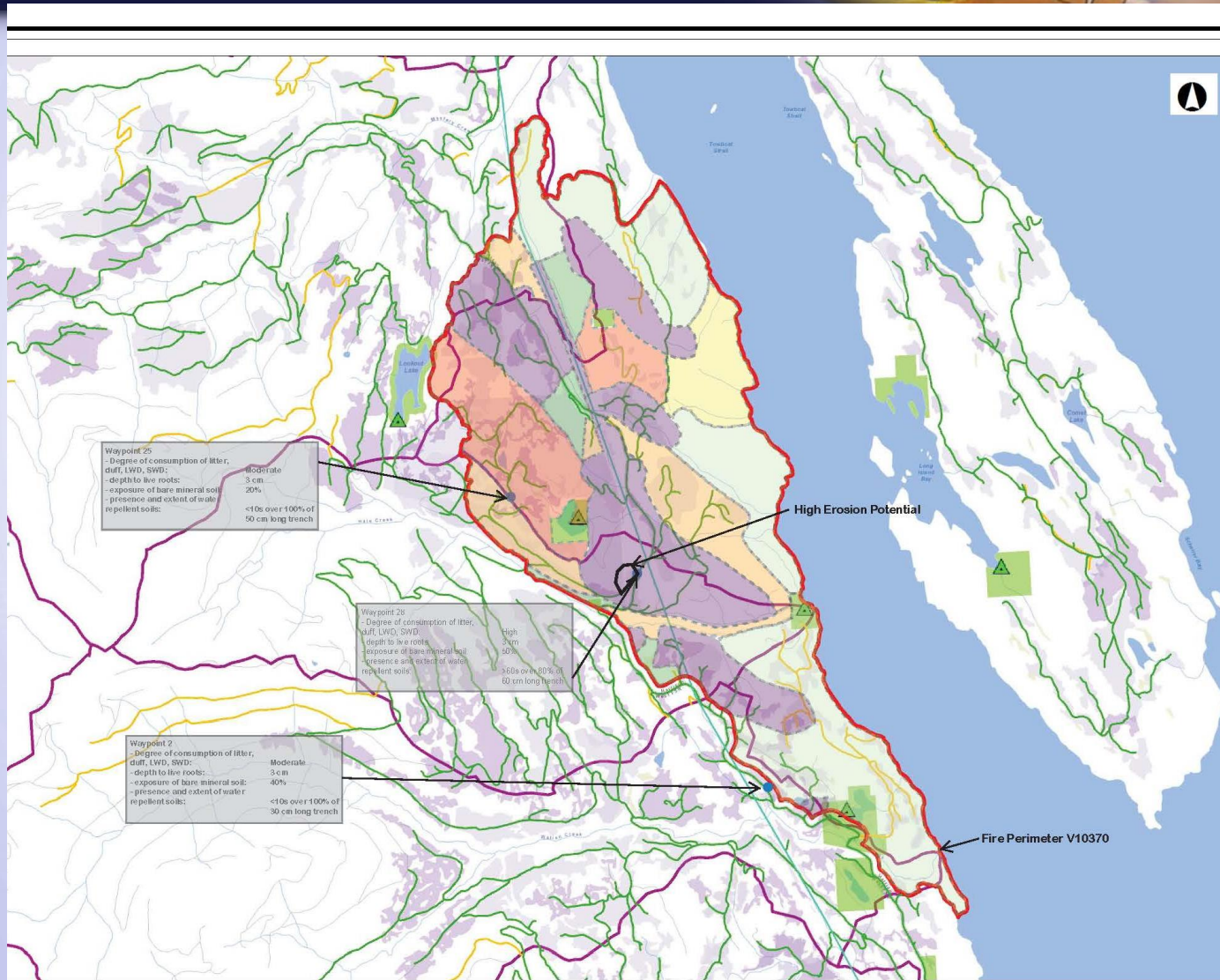


Figure 3: Preliminary Burn Severity

Legend

- Forest Recreation
- Transmission Line
- TRANSMISSION LINE**
- 68 - 69
- >69 - 100
- >100 - 138
- >138 - 238
- >238 - 300
- >300 - 360
- >360 - 500
- Forest Recreation
- Active Forest Recreation
- Retired Forest Recreation
- Recreation Polygons
- Active Forest Closure Themed
- Retired Forest Closure Themed
- FWA - Named Vegetation
- Tile Cache
- High Burn Severity
- Moderate to High Burn Severity
- Moderate Burn Severity
- Low to High Burn Severity
- Low to Moderate Burn Severity
- Low Burn Severity to Moderate
- Approx. Polygon Boundary

0 0.71
1:35,000

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Date: NARS
 Projection: NAD_1983_BC_EW

Key Map of British Columbia



Note: Burn severity has been visually derived from helicopter observations, ground observations, and limited data.



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Ministry of
Forests, Lands and
Natural Resource Operations

Legend

Harvesting History

Recreation Sites

Land Classification - Net Down

Land not Managed by Forest Service

Non Forest Land

Productive Crown Forest

Currently Unmerchantable Forest Types

Stands with Low Site Productivity

OGMA

Hydro Line Right of Ways

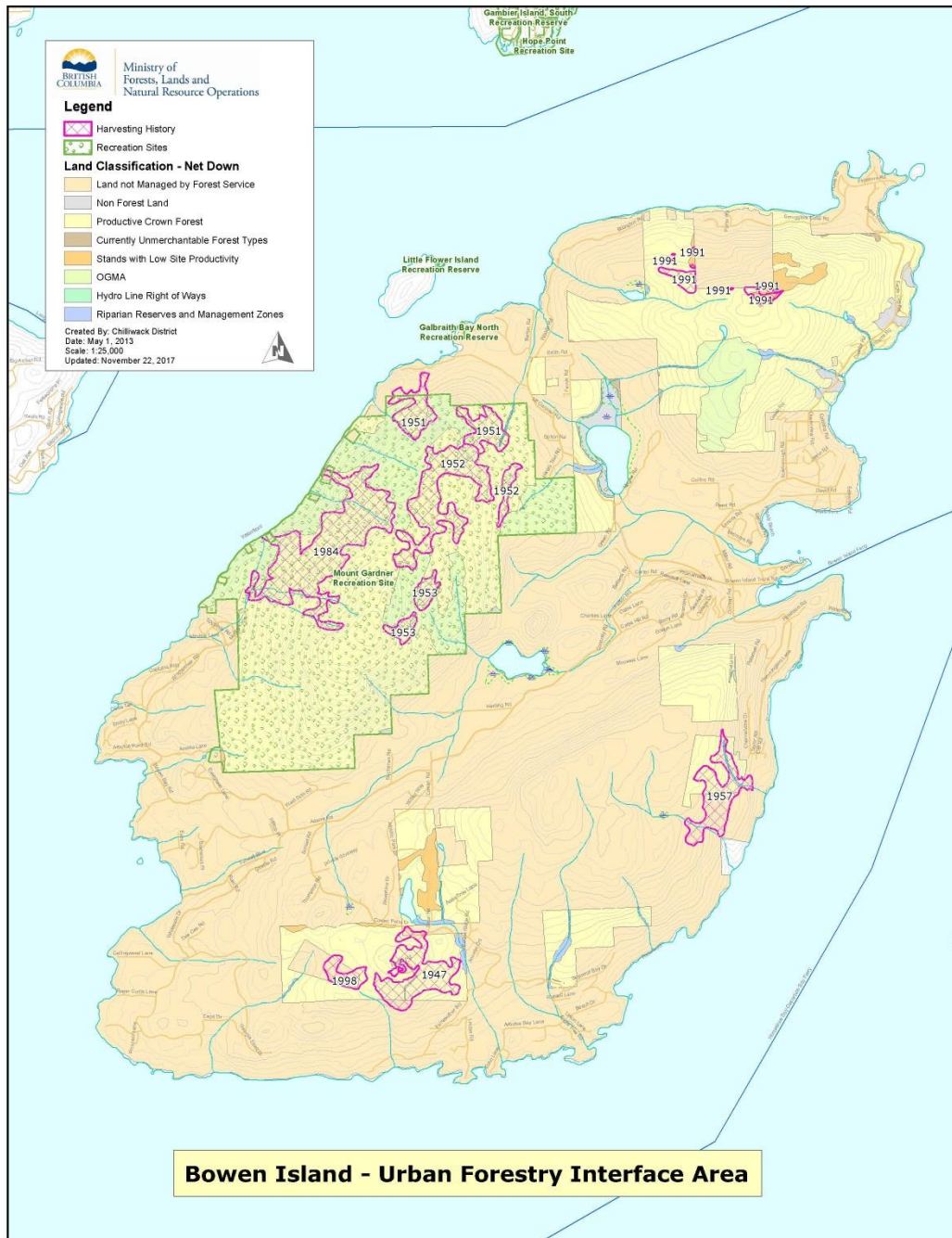
Riparian Reserves and Management Zones

Created By: Chilliwack District

Date: May 1, 2013

Scale: 1:25,000

Updated: November 22, 2017



Bowen Island - Urban Forestry Interface Area



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Questions?