

City of St Helens
Milton Creek Watershed
Annual Forest Management Review
February 2, 2022

2021 REVIEW & 2022 ACTIVITIES

2021 Review

- **‘Smith’ Timber Sale**
 - 92-acres – Harvest is nearly complete (See Map on Page-6)
 - 3.3 million board feet to date
 - \$2,100,000 of income to date
 - \$652 per thousand-board-feet Douglas-fir bid price

- **Pre-Commercial Thinning**
 - 75-acres (See Map on Page-5)
 - Age 20-years
 - Overstocked: 400+ Trees Per Acre
 - 200-250 Trees Per Acre following thinning

2022 Activities

- **Potential Timber Sale**
 - 70-acres
 - 1.8 million board feet
 - \$1,100,000 of income

- **Pre-Commercial Thinning**
 - 100-acres (See Map on Page-5)
 - Age 20-years
 - Overstocked: 400+ Trees Per Acre
 - 200-250 Trees Per Acre following thinning

- **Culvert Replacement**
 - Large Fish Pipe (See Map on Page-5)

- **Development of Management Plan**
 - Document management history
 - Outline current management policies and guidelines
 - Outline management goals and objectives

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TIMBER MARKET ANALYSIS

Current Sawlog Market

Current Prices

In February 2022, *small Douglas-fir saw log* (5 to 14-inch diameter) delivered prices in the local area range from **\$900-\$1,000** per MBF. This price range is higher than this time last year.

Current Trend

Mills are fiercely competing for logs to maintain necessary inventories. Mills interested in St Helens timber mostly produce dimension lumber (2x4, 2x6, etc) that is widely used in the construction industry. Prices are well above the 5-year average and have risen dramatically in the last few months. By all measures, the housing market remains strong, which is the key driver for the type of timber owned by the City of St Helens. Lumber prices remain very strong. Delivery of salvage logs from the 2020 forest fires is winding down, further tightening the supply of logs on the market.

The current inventory of City of St Helens timber features mostly small Douglas-fir saw logs. In the current market, Douglas-fir stumpage prices for City of St Helens timber would range from **\$600-\$700** per MBF.

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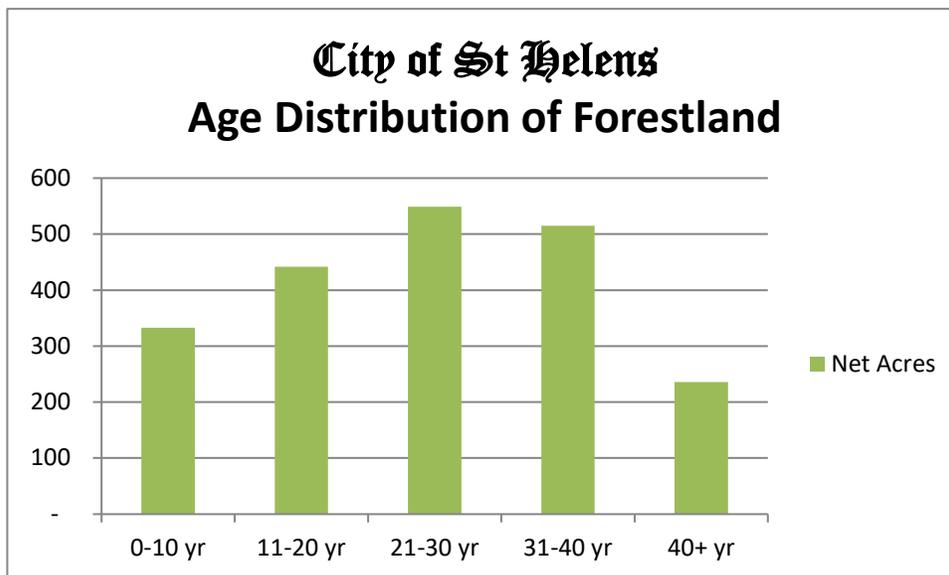
MANAGEMENT PLANNING

Future Outlook

City of St Helens Forest Composition

The Milton Creek Watershed contains 2,075-acres of Commercial Forestland. The oldest available stand of timber is now 43-years of age. There are roughly 250-acres of timber age 40 or greater. Within 5 to 10 years, over 500-acres will move into the 40+ year category. During that time, the City will have the option of a sustainable annual or at least semi-annual harvest program.

Age Distribution of City of St Helens Forestland



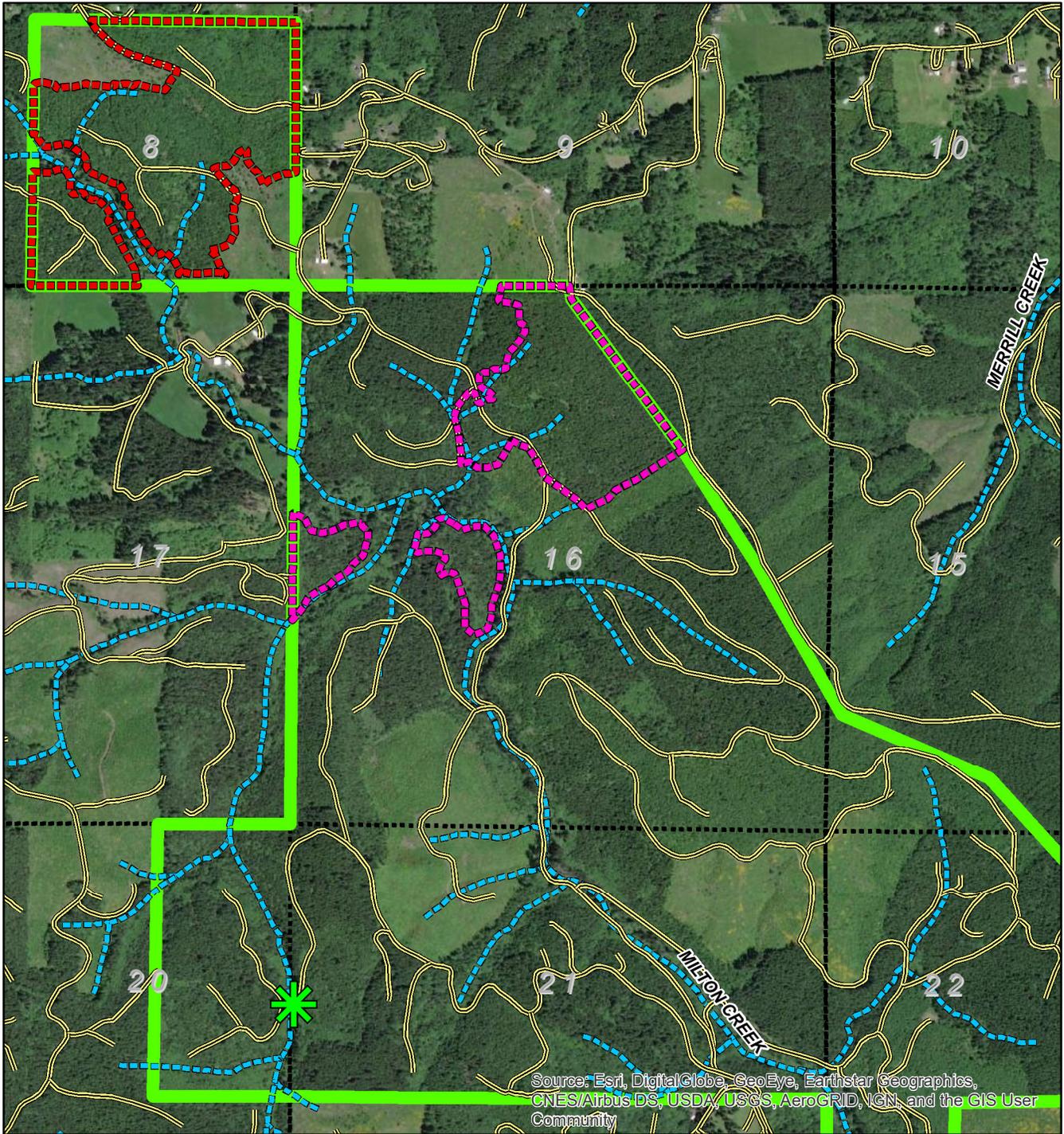
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Future Harvesting Options

The City currently has 160-acres of readily available merchantable timber, comprised of two separate stands. (See Map on Page-6) In the next few years the City will be able to begin budgeting income from a timber sale at least every other year.

The current log market is 20-25% above the five-year average. I recommend selling one of these stands this winter in order to capture value while the market is at a peak.

City of St Helens 2021-2022 Silviculture Overview Pre-Commercial Thinning



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

-  2021 PCT Unit (75-acres)
-  2022 PCT Unit (110-acres)
-  2022 Pipe Project
-  St Helens Ownership
-  Sections
-  Roads
-  Streams

Township 5 North - Range 2 West

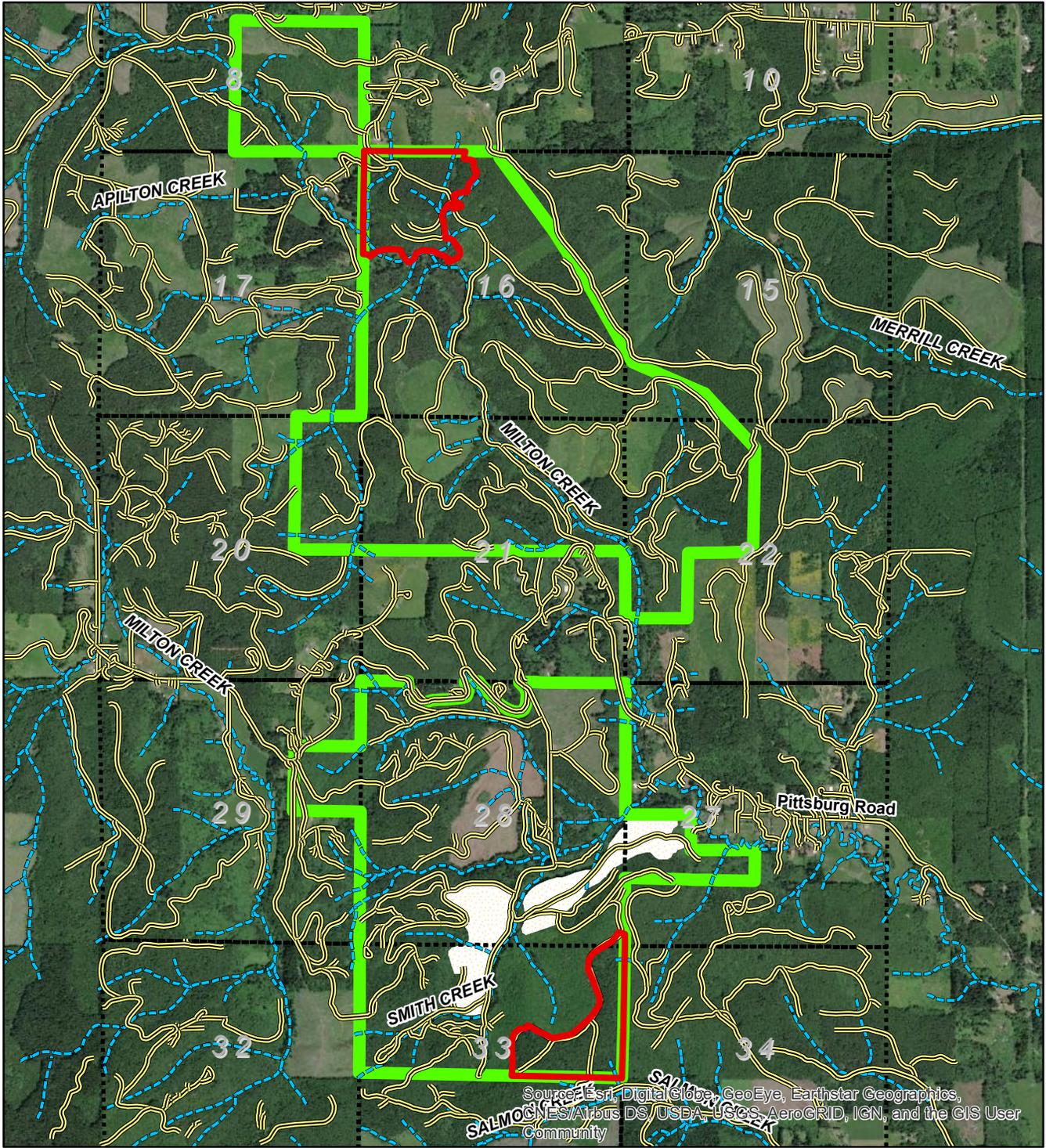


1 inch = 1,500 feet

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Projection: NAD83, State Plane Oregon North

City of St Helens Future Timber Sales



-  FUTURE SALES
-  'Smith' Sale
-  Ownership
-  Sections
-  Roads
-  Streams

Township 5 North - Range 2 West



1 inch = 3,000 feet

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