

City of St Helens
Milton Creek Watershed
Annual Forest Management Review
February 3, 2021

2020 REVIEW & 2021 ACTIVITIES

2020 Review

- **‘Salmonberry’ Timber Sale**
 - 66-acres – Harvest is complete
 - 2.42 million board feet
 - \$1,392,192 of income
 - \$624 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

2021 Activities

- **Pre-Commercial Thinning**
 - 40-acres (See Map on Page-5)
 - Age 20-30 years
 - Overstocked: 400+ Trees Per Acre
 - 200-250 Trees Per Acre following thinning

- **Potential Timber Sale**
 - 50-acres
 - 1.25 million board feet
 - \$625,000 of income

City of St Helens
Milton Creek Watershed
Annual Forest Management Review
February 3, 2021

TIMBER MARKET ANALYSIS

Current Sawlog Market

Current Prices

In February 2021, *small Douglas-fir saw log* (5 to 14-inch diameter) delivered prices in the local area range from **\$700-\$800** per MBF. This price range is higher than this time last year.

Current Trend

Small log inventories at local sawmills are at full capacity, but most mills continue to pay very competitive prices. These mills 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 in the last year. 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 reached record highs in 2020 and remain very strong. Salvage logs from last summer's forest fires are flowing to market, but so far have not affected prices at most mills.

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 **\$450-\$550** per MBF.

City of St Helens Milton Creek Watershed Annual Forest Management Review February 3, 2021

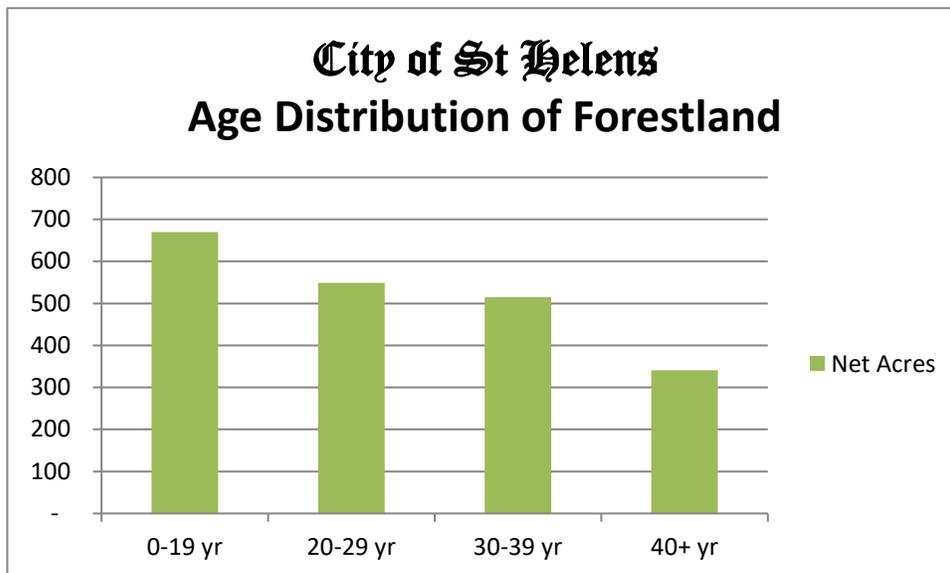
MANAGEMENT PLANNING

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 45-years of age. There are roughly 340-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



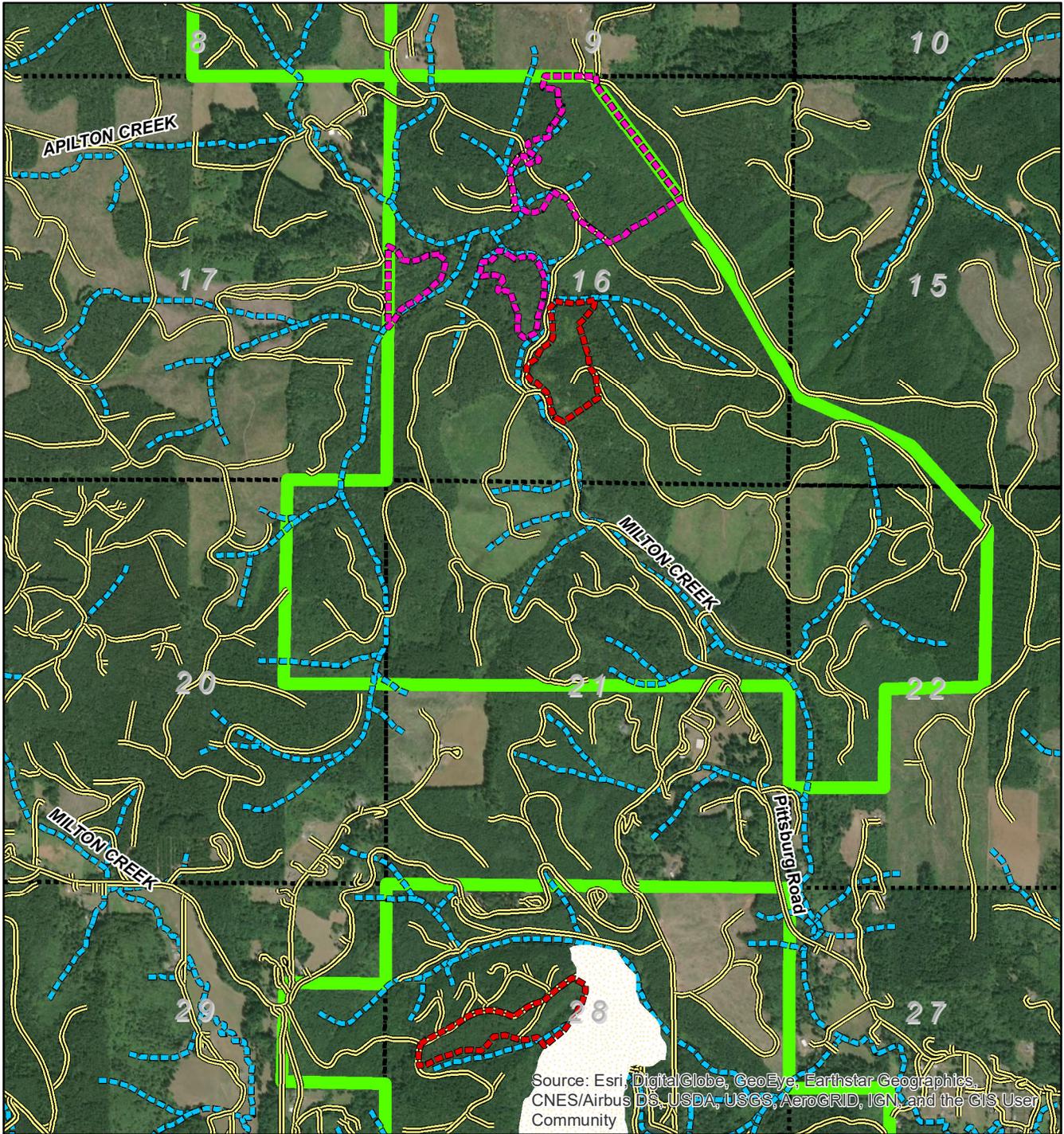
City of St Helens
Milton Creek Watershed
Annual Forest Management Review
February 3, 2021

Future Harvesting Options

The City currently has 170-acres of readily available merchantable timber, comprised of three 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 15-20% 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 2020-2021 Silviculture Overview Pre-Commercial Thinning



- 2020 PCT Unit (75-acres)
- 2021 PCT Unit (40-acres)
- 'Salmonberry' Sale
- St Helens Ownership
- Sections
- Roads
- Streams

Township 5 North - Range 2 West



1 inch = 2,000 feet

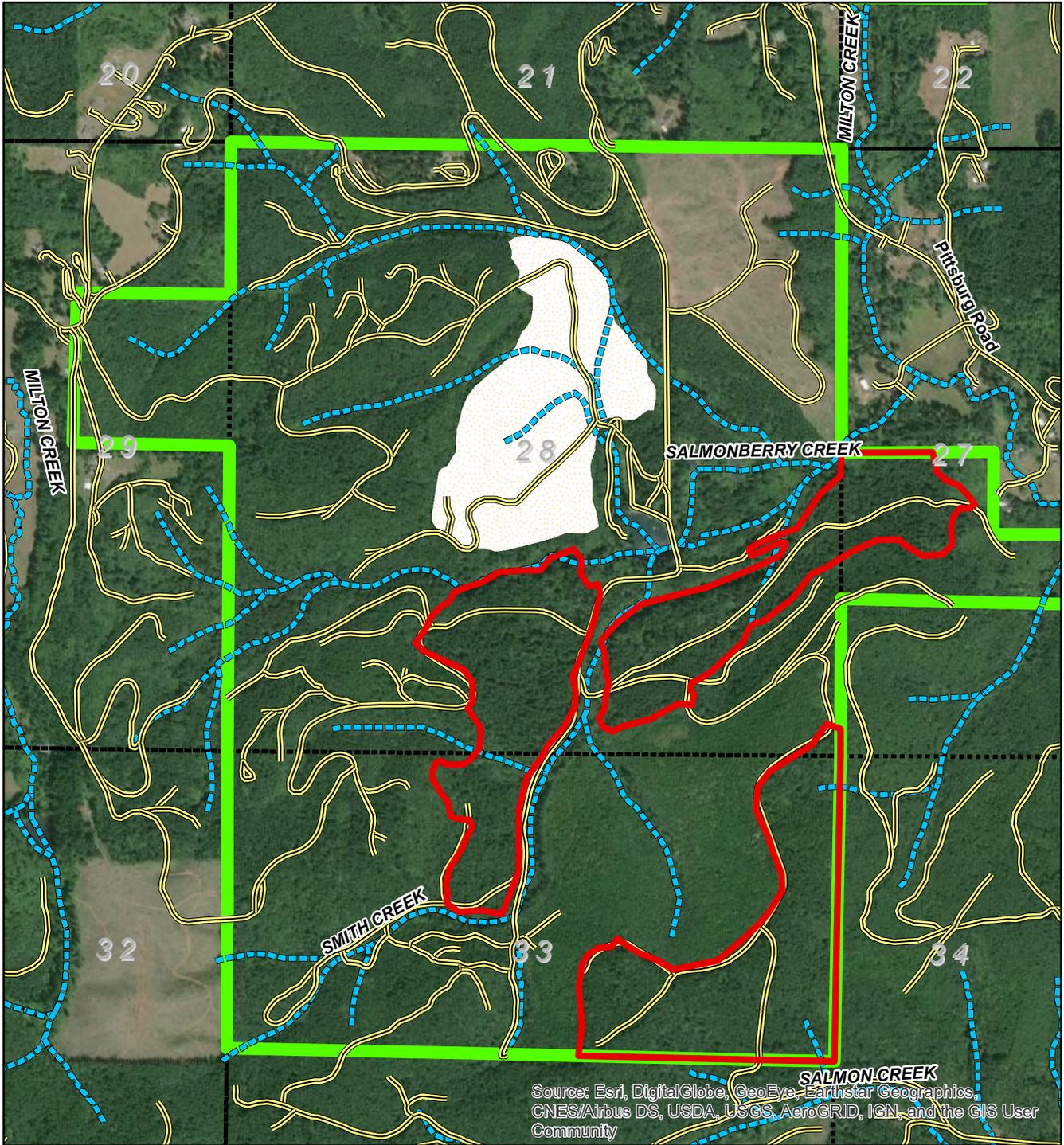
MB&G
Since 1921



This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. Information is provided with the understanding that conclusions drawn are the responsibility of the user.

Projection: NAD83, State Plane Oregon North

City of St Helens Future Timber Sales



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

Township 5 North - Range 2 West

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



1 inch = 1,320 feet

MB&G
Since 1921



This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. Information is provided with the understanding that conclusions drawn are the responsibility of the user.

Projection: NAD83, State Plane Oregon North