

## 2023 DED Summary

### Routine Monitoring and Enforcement

The following details are provided from information gathered during **regular** (non-DED response sweep) duties:

- Urban Biological Service (UBS) staff retrieved **1620kg of elm wood**.
- Landfill disposal fees were **\$1125**.
- **58 infractions** were issued with **7** of these elevated to registered letter orders.
- **92 elm samples** were collected and submitted to the Crop Protection Lab in Regina for culturing and analysis.

### DED Response

The following **locations of four** elm trees which tested positive for Dutch elm disease (*Ophiostoma novo-ulmi*) in 2023:

- **428 Ave R S**\_Pleasant Hill neighbourhood. Private Siberian elm\_*Ulmus pumila* (S23-201; DD-1496) located in backyard of 428 Ave R S. Date of positive result: July 05, 2023.
- **510 Central Ave**\_Sutherland neighbourhood. Public American elm\_*Ulmus americana* (S23-402; DD-1497) located at the corner of 106 St W and Central Ave. Date of positive result: July 05, 2023.
- **214 Central Ave**\_Sutherland neighbourhood. Public American elm\_*Ulmus americana* (S23-401; DD-1499). Southernmost tree in front yard, across from 103rd St. Date of positive result: July 05, 2023.
- **1818 Central Ave**\_Sutherland neighbourhood. Public American elm\_*Ulmus americana* (S23-411; DD-1648) located on Central Ave., across from Dutch Growers (1818 Central Ave.). Date of positive result: August 08, 2023.

All four DED-positive elm were removed by Urban Forestry crews as soon as possible following the positive test results.

The Four positive cases resulted in two elm sweep response areas:

- Pleasant Hill - Sweep was reduced in size to 0.5km due to proximity to the 2021 positive case. Many of the properties within the 1km sweep bubble were inspected as part of the response in 2021.
- Sutherland - initially a 1km bubble to address cases at 214 and 510 Central Ave. Bubble later extended north to encompass part of Forest Grove following the positive case on 1818 Central Ave in August.

During the DED Response Elm firewood sweeps UBS crews removed 5300kg of Elm wood from **123 locations**. Tipping fees for this volume totaled **\$2935.90**.

### Total Elm Wood Recovered and Costs

2023 total elm wood recovered (routine + response): **6920kg** (1620kg + 5300kg) with landfill disposal fees of **\$4060.90** (\$1125.00 + \$2935.90).