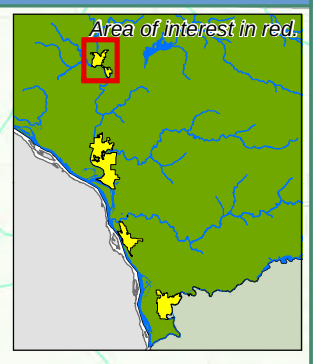
Cowlitz County Partnership
Shoreline Master Program Update
COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF CASTLE ROCK

FIGURE 13. SURFACE WATER SYSTEM

DRAFT



Castle Rock Water Pump station
SPIRIT LAKE HWY
5
MOUNT ST HELENS WAY NE
FRONT AVE NW
WEST SIDE HWY
PH 10 HWY
A ST SW
Water Treatment Plant
Arkansas Creek
DELAMETER RD
Cowlitz River
Castle Rock
Waste Water Treatment Plant
Camelot Drive Reservoir
411
Salmon Creek

Watercourses
- Artificial/Path
- Canal/Ditch
- Connector
- Stream/River

Waterbodies
- Lake/Pond
- Reservoir

- Water/Wastewater Location
- SMP Stream
- SMP Waterbody
- Proposed Shoreline Jurisidiction
- Potentially Associated Wetland
- City Boundary
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- County Boundary

0 900 1,800 2,700 Feet

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Data source: Cowlitz County, CWCOG, USGS NHD, Department of Ecology, The Watershed Company.

THE WATERSHED COMPANY | Parametrix

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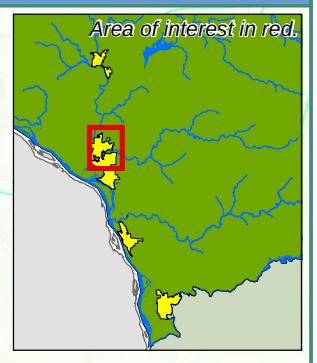
COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF KELSO - SHEET 1 OF 2

FIGURE 13. SURFACE WATER SYSTEM

DRAFT



Rocky Point Water Pump Station & Reser.
BEACON HILL DR
ALPHA DR
Nevada Drive Pump Station
NEVADA DR
Longview
Mt. Brinyon Sewer Pump Station
Beschel Heights Water Pump Stat. & Reser
Williams Finney Reservoir
Donation Sewer Pump Station
18th Ave. Water Pump Station
Minor Road Water Pump Station / Reser.
SUNRISE ST
CORDUROY RD
HARRIS ST RD
Clark St. Sewer Pump Station
1ST AVE N
Catlin Sewer Pump Station
WASHINGTON ST
ALLEN ST
5
ALLEN STREET RD
8TH AVE S
Ranney Well Pump
Water Treatment Plant
Cowlitz River
Kelso
MILL ST
MILL ST
Elm Street Sewer Pump Station
Banyon 1 Sewer Pump Station
Banyon 2 Sewer Pump Station
ALMA DR
YEW ST
7TH AVE S
GRIMM RD
KELSO DR
WALNUT ST
Haussler Sewer Pump Station
Highland Park Water Pump Station
Tybren Heights Reservoir
HAUSSLER RD
Coweeman River
Carrolls Road Water Pump Station
Public Works Operations
Paxton Road Reservoir
Carrolls Road Reservoir
Cowlitz River

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CITY OF KELSO - SHEET 2 OF 2

FIGURE 13. SURFACE WATER SYSTEM

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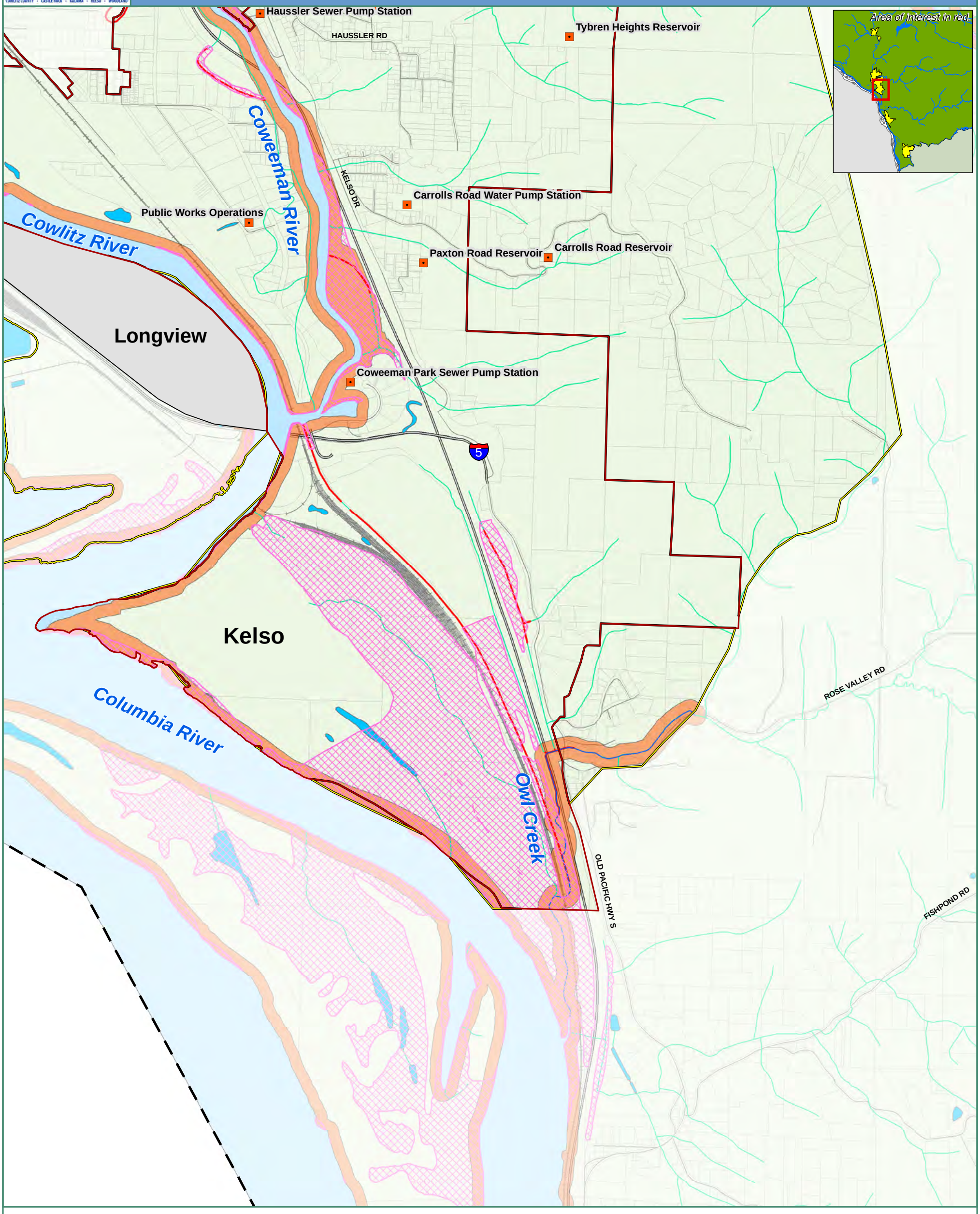

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COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF KALAMA - SHEET 1 OF 2

FIGURE 13. SURFACE WATER SYSTEM

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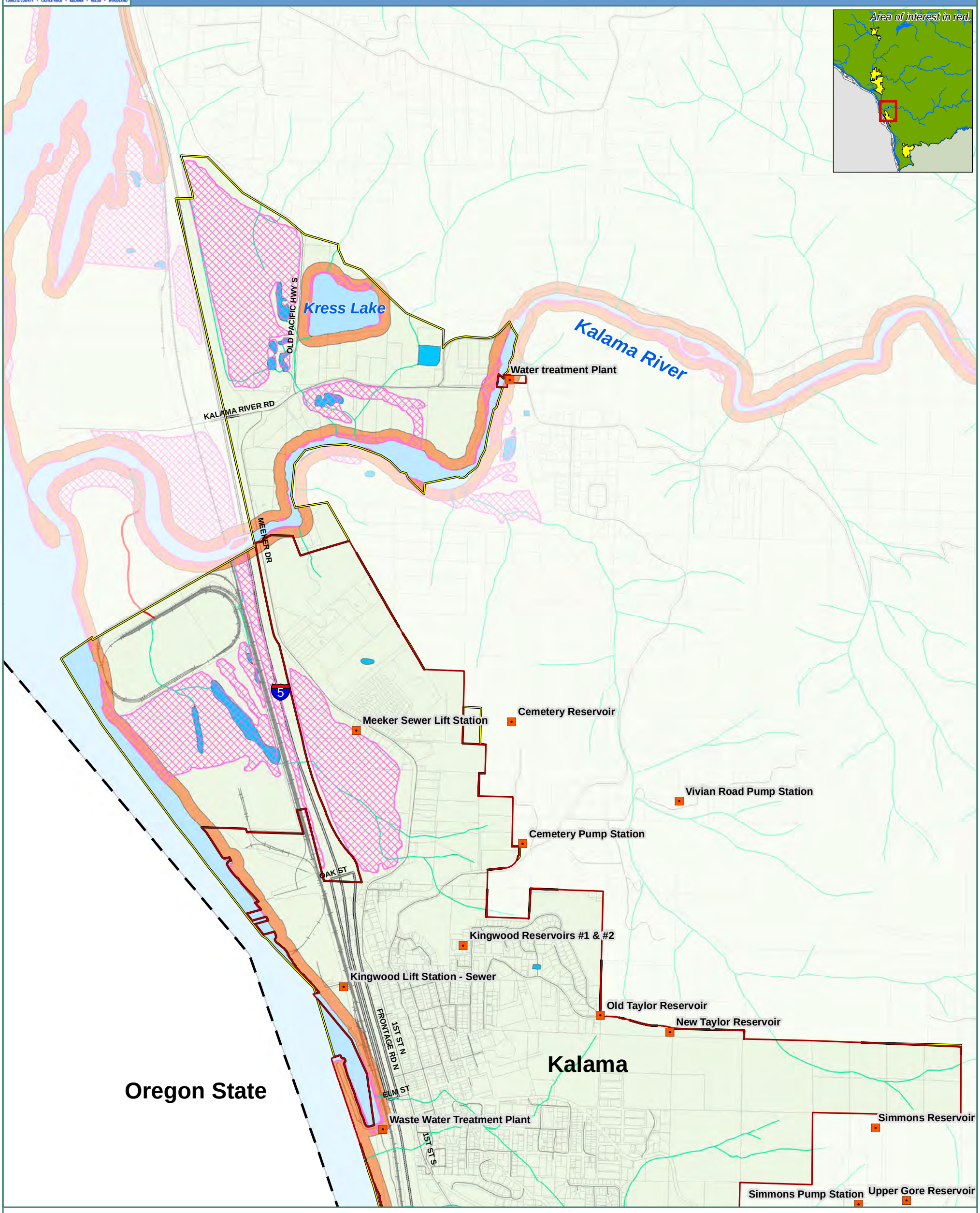

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COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF KALAMA - SHEET 2 OF 2

FIGURE 13. SURFACE WATER SYSTEM

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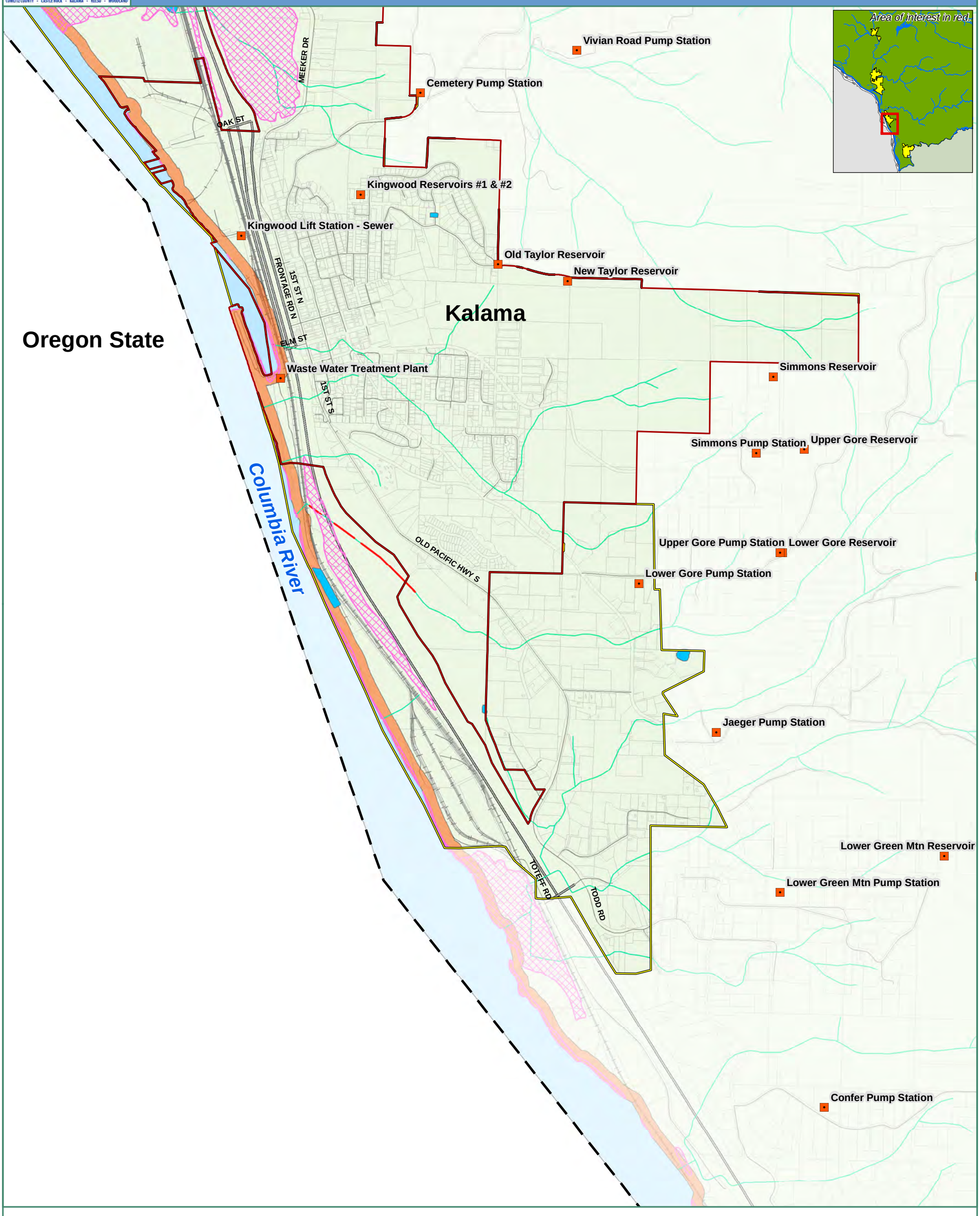

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Cowlitz County Partnership
Shoreline Master Program Update
COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF WOODLAND

FIGURE 13. SURFACE WATER SYSTEM

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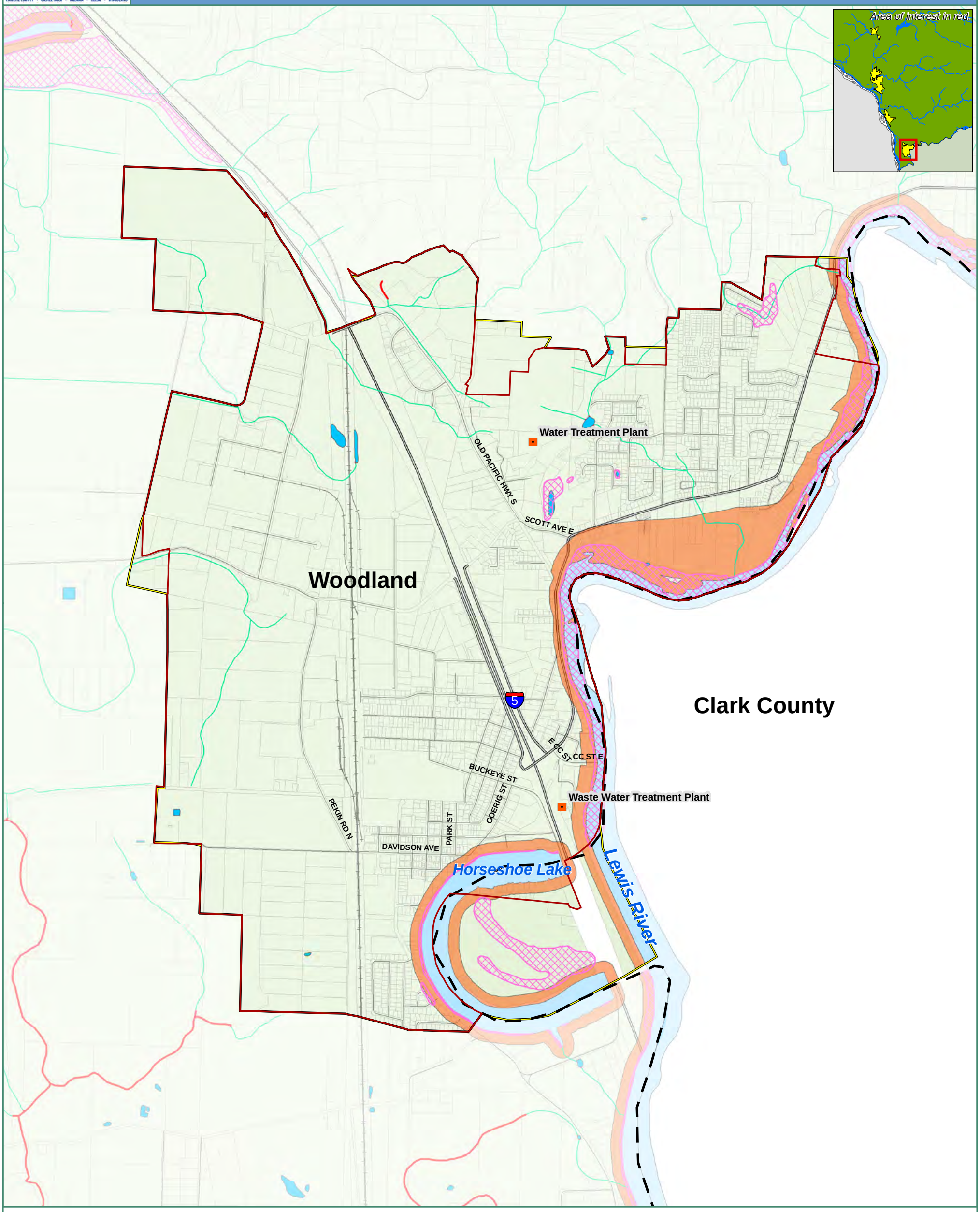

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Cowlitz County Partnership
Shoreline Master Program Update
COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF CASTLE ROCK

FIGURE 14. SURFICIAL GEOLOGY

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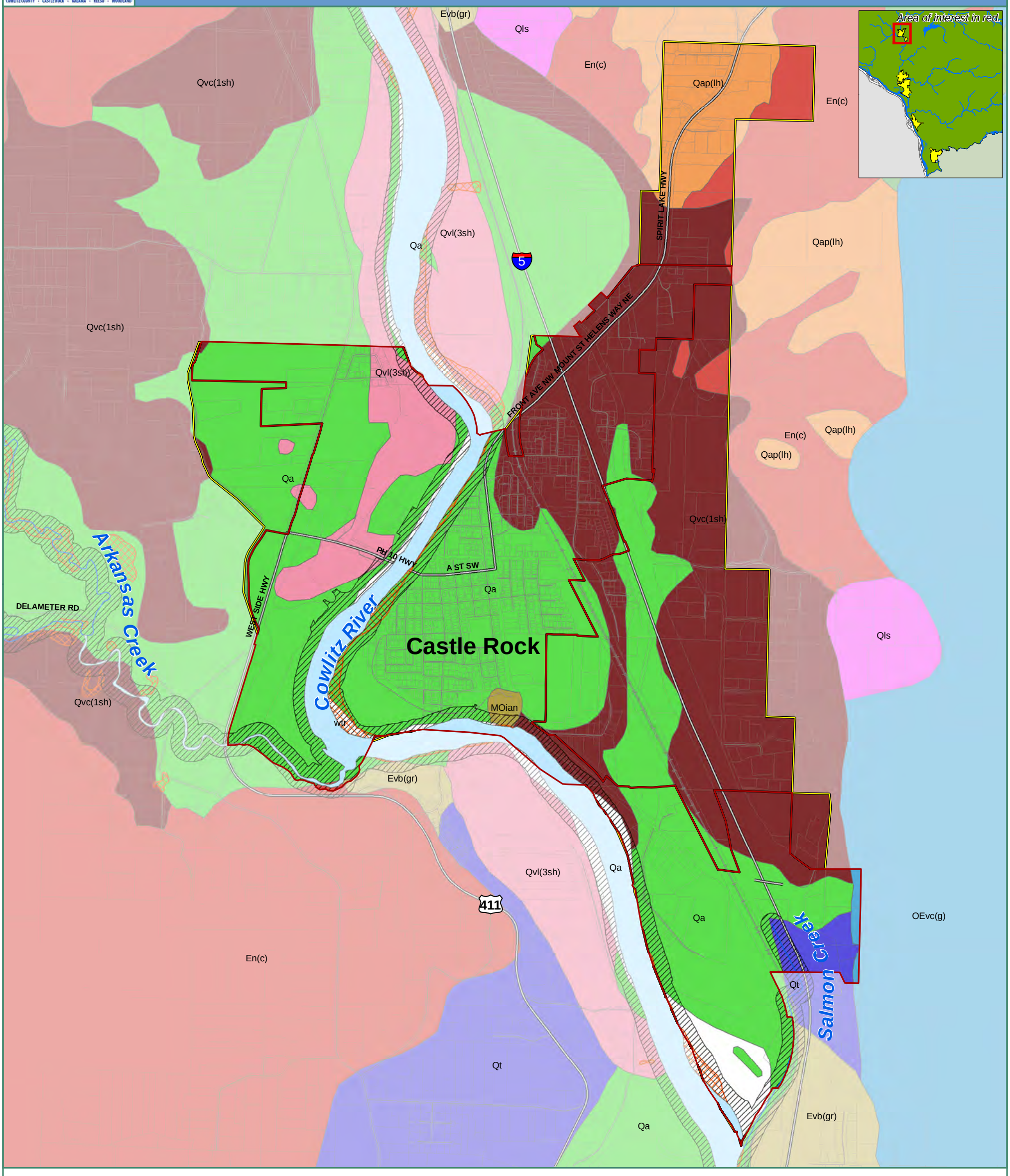

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- Qfs - outburst flood deposits, sand and silt, late Wisconsinan
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Cowlitz County Partnership
Shoreline Master Program Update
COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF KELSO - SHEET 1 OF 2

FIGURE 14. SURFICIAL GEOLOGY

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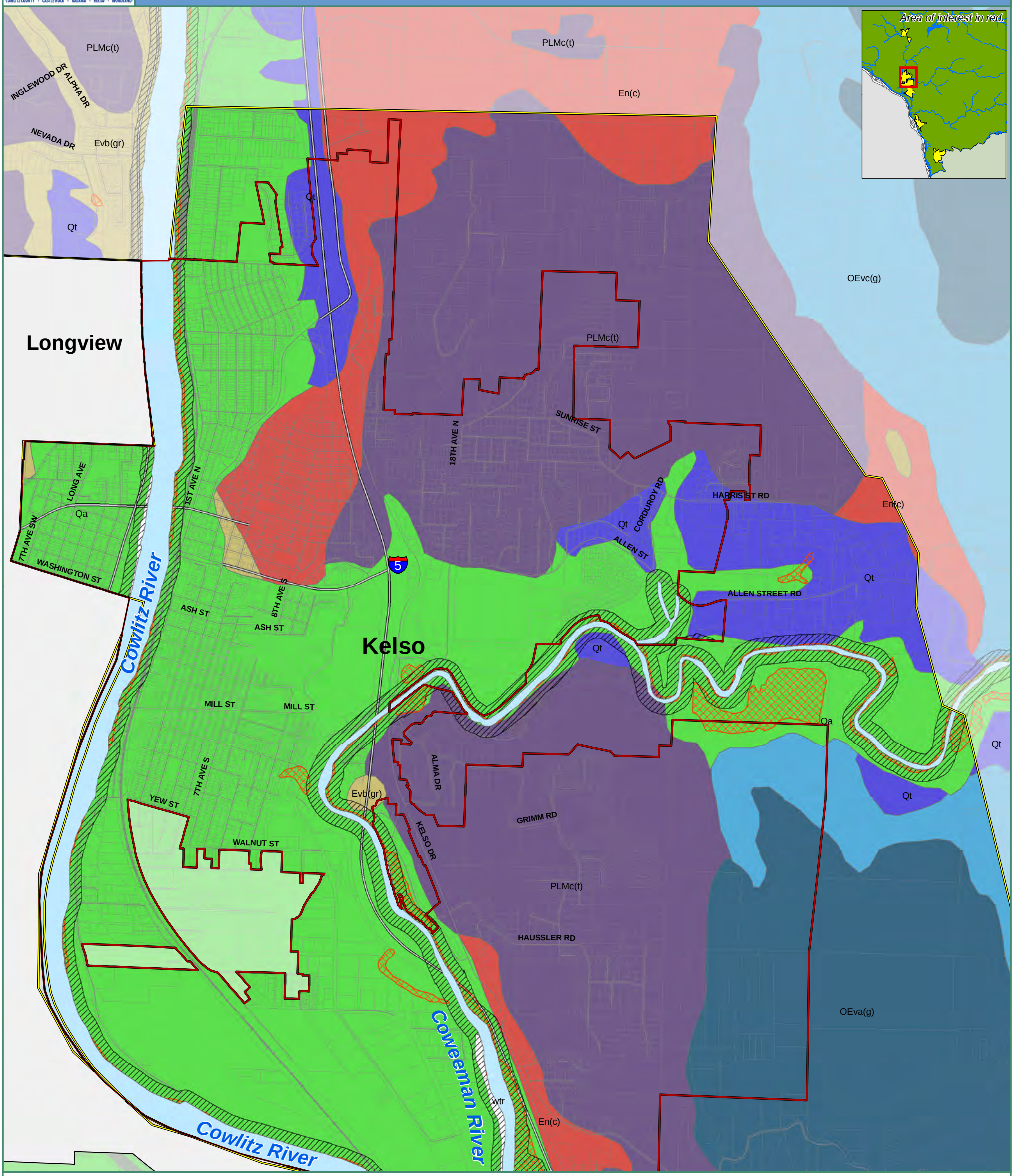

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COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF KELSO - SHEET 2 OF 2

FIGURE 14. SURFICIAL GEOLOGY

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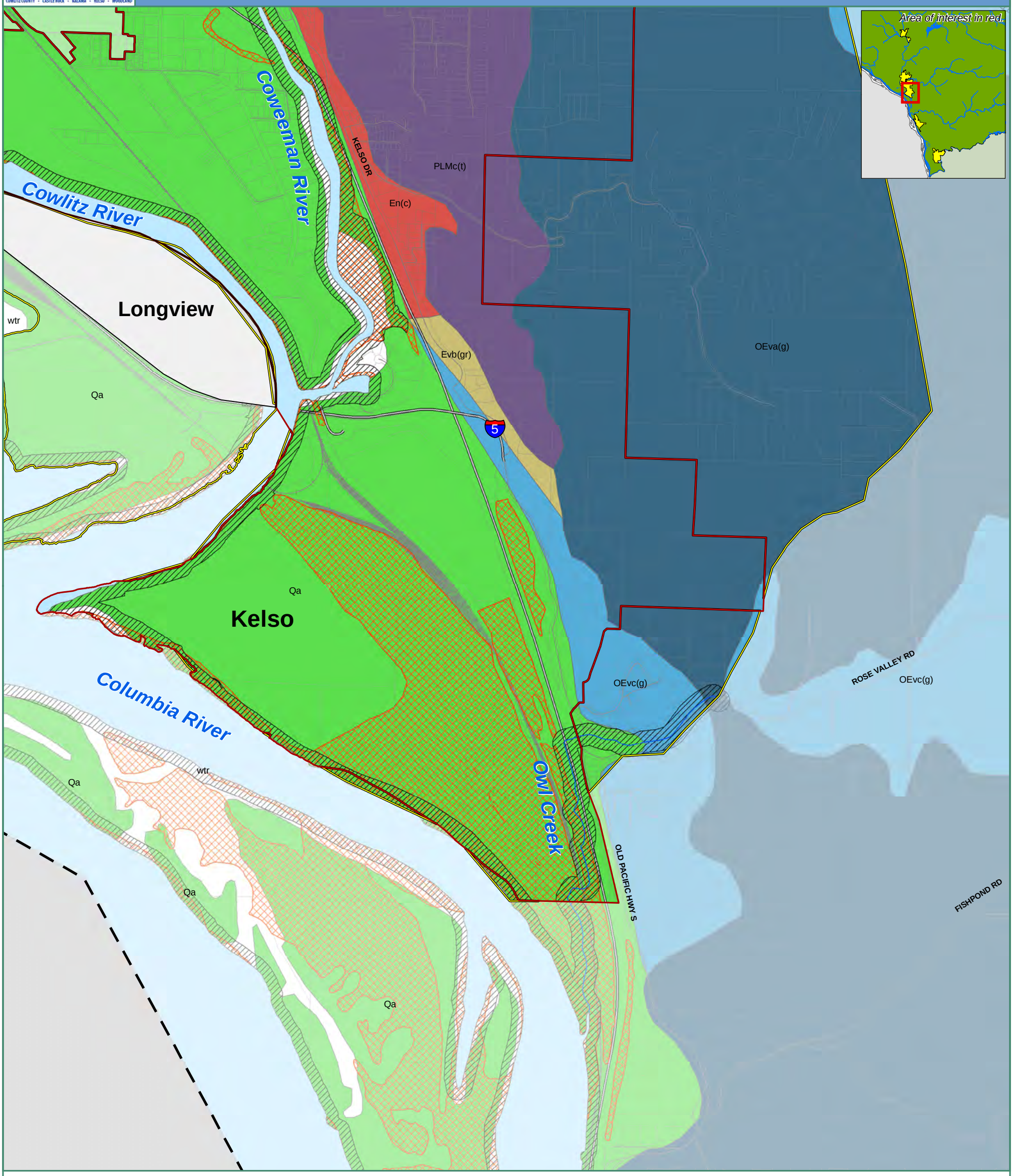

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COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

FIGURE 14. SURFICIAL GEOLOGY

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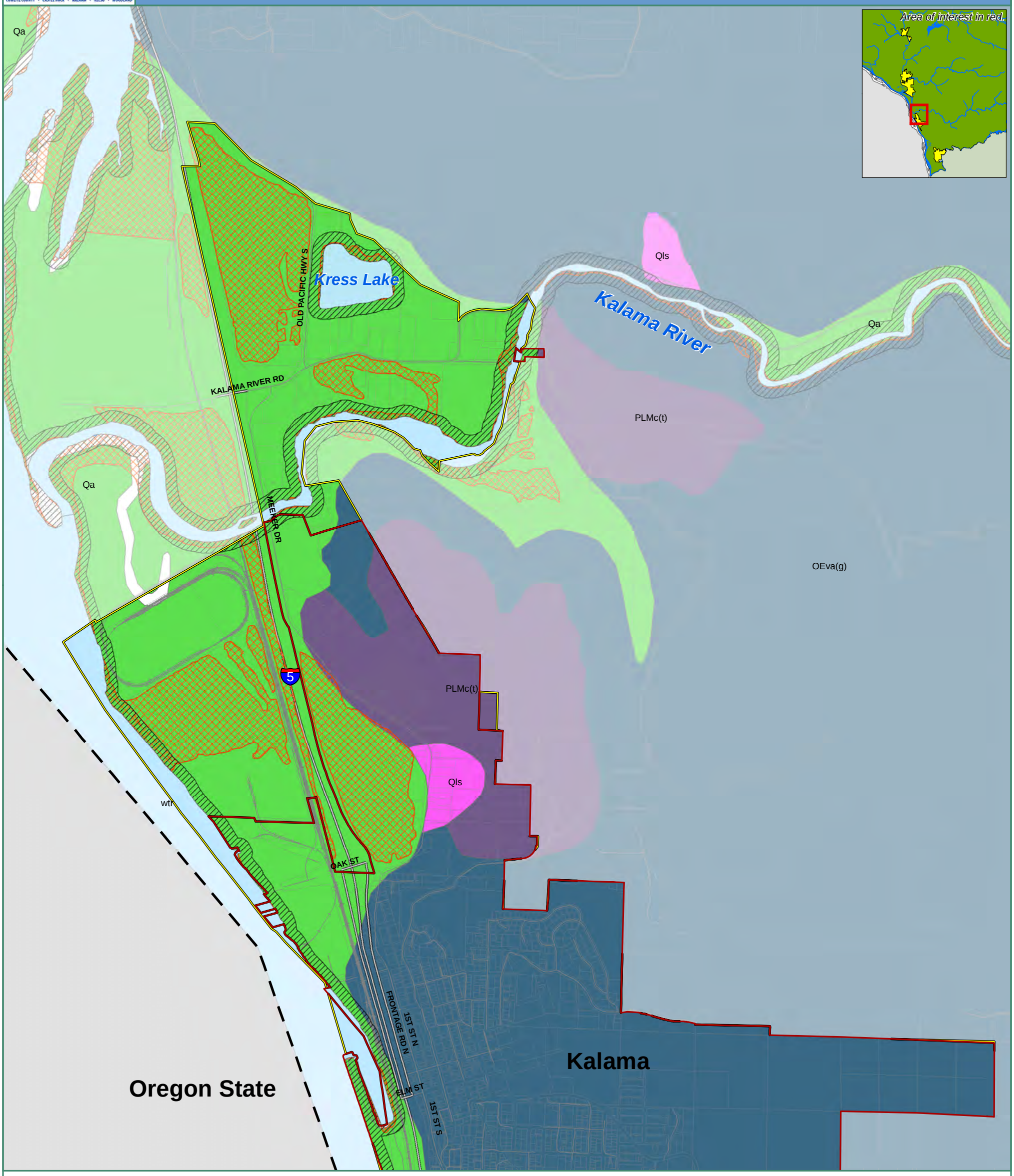

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COWLITZ COUNTY • CASTLE ROCK • KALAMA • KELSO • WOODLAND

CITY OF KALAMA - SHEET 2 OF 2

FIGURE 14. SURFICIAL GEOLOGY

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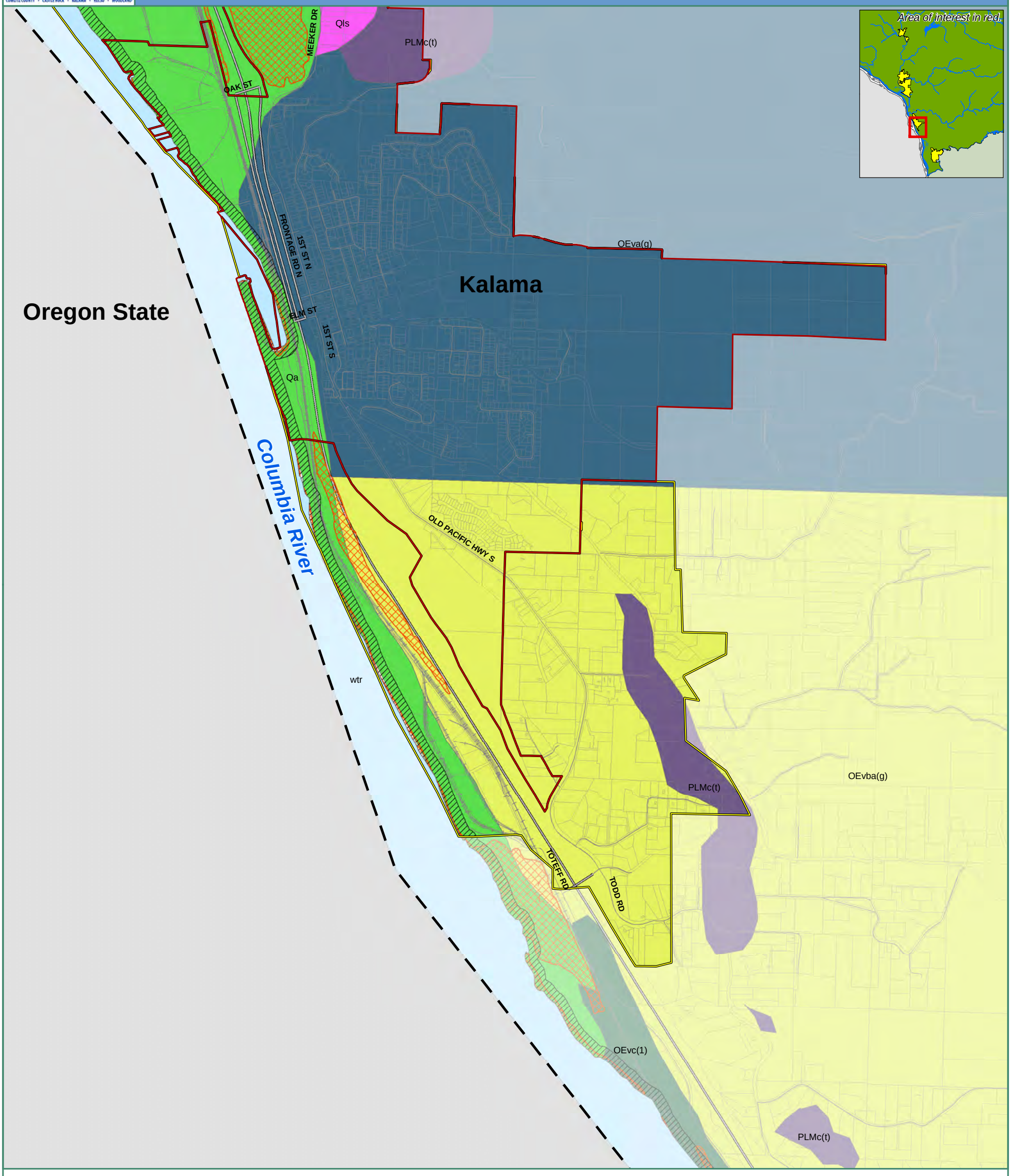

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CITY OF WOODLAND

FIGURE 14. SURFICIAL GEOLOGY

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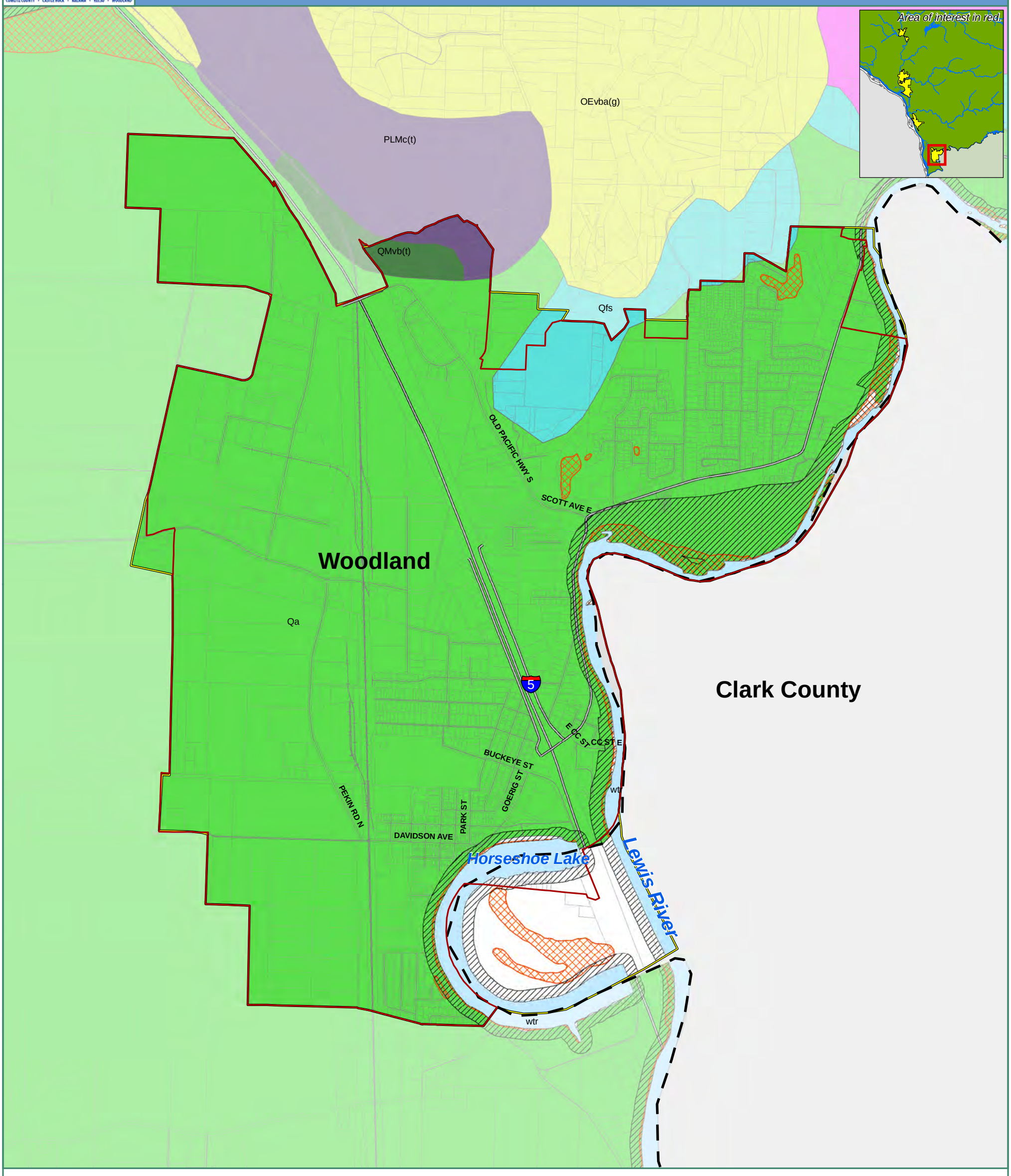

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