List of Figures

Shoreline Jurisdiction

Figure 1.4: Cosmopolis

Date: 7/21/2014

Legend:

- /// Preliminary Shoreline Jurisdiction
- ┌ ┐ Reaches
- ┌ ┐ City Boundary
- ▨ Associated NWI Wetland
- ▨ Potentially Associated NWI Wetland
- ∿ SMA Rivers
- ◗ SMA Lakes
- ⋀⋀ Highways

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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CITY OF ABERDEEN   CITY OF COSMOPOLIS Incorporated 1891   CITY OF HOQUIAM

AHBL   HERRERA

Map labels:

Chehalis River Reach - Aberdeen

Mill Creek Reach

Chehalis River Reach - Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

N
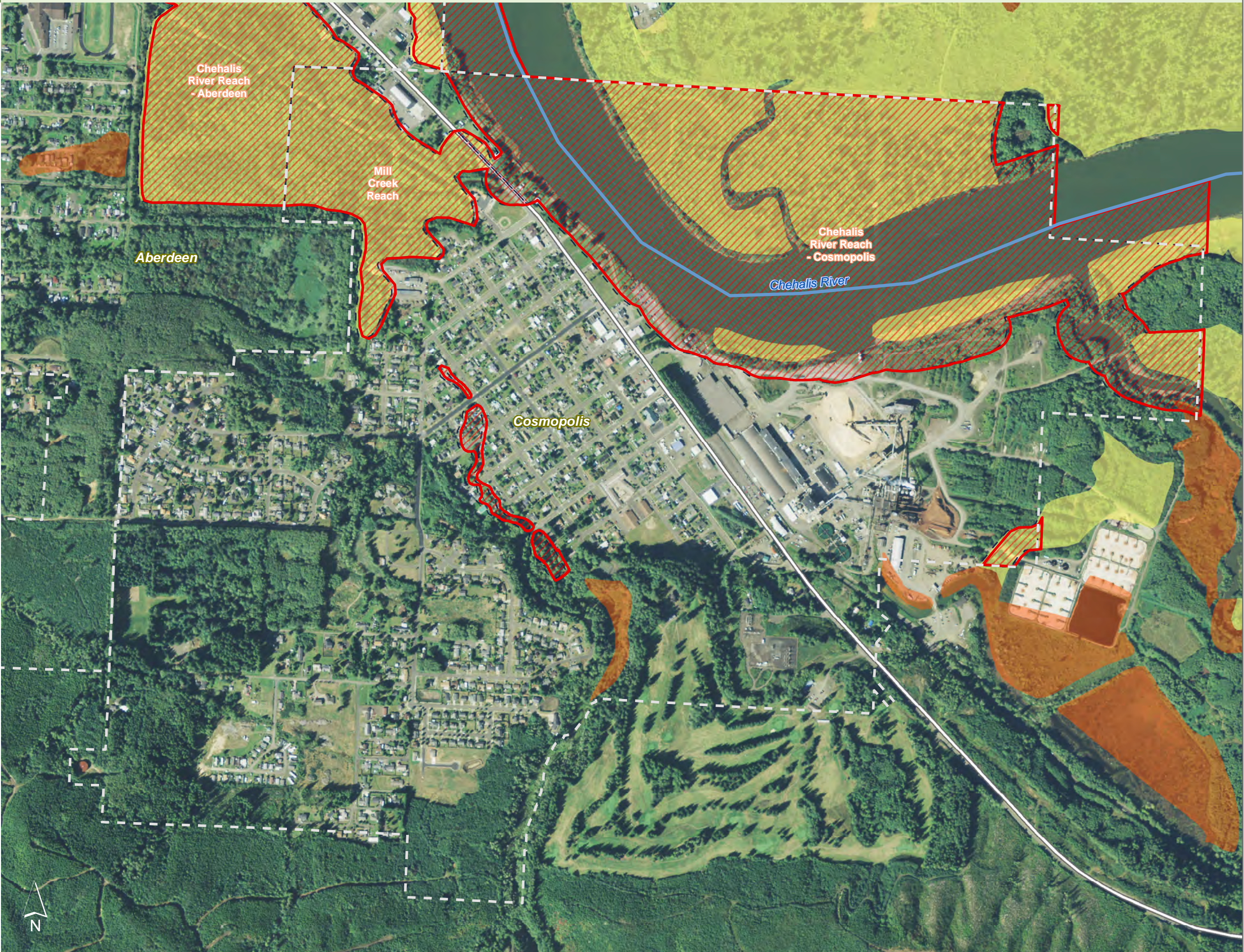
Floodway, Floodplain, and Wetlands

Figure 2.4: Cosmopolis

Date: 7/21/2014

- Preliminary Shoreline Jurisdiction
- Reaches
- City Boundary

FEMA Preliminary DFIRM
- Floodway
- 100-Year Floodplain

NWI Wetland by Type
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- SMA Rivers
- SMA Lakes
- Highways

0   0.25   0.5 Miles

1:10,000
Area of interest in red

Hoquiam   Aberdeen
Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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CITY OF ABERDEEN   CITY OF COSMOPOLIS Incorporated 1891   CITY OF HOQUIAM

AHBL   HERRERA

Figure 3.4: Cosmopolis

Date: 7/21/2014

Legend:
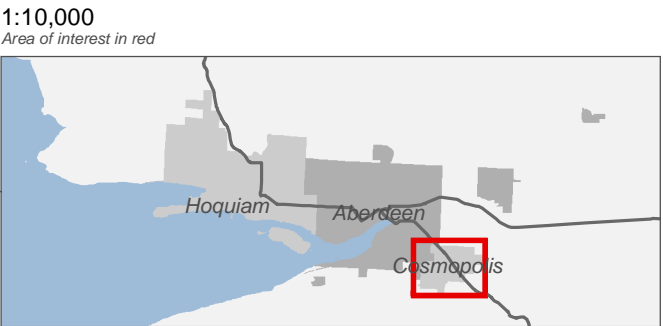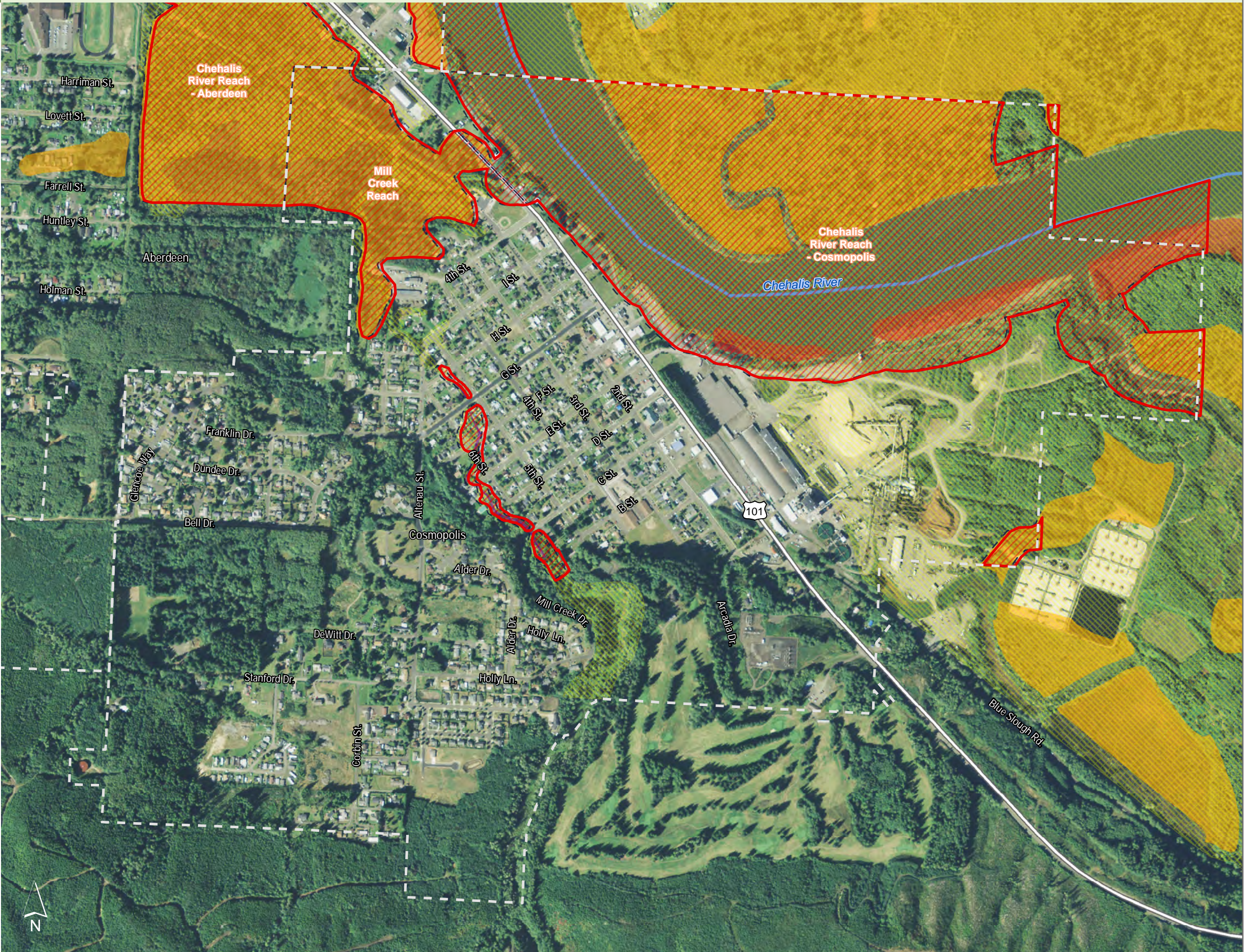
- Preliminary Shoreline Jurisdiction
- Reaches
- City Boundary
- SMA Rivers
- SMA Lakes
- Highways

Other Soils
- Calawah silt loam
- Ilwaco silt loam
- Mopang silt loam
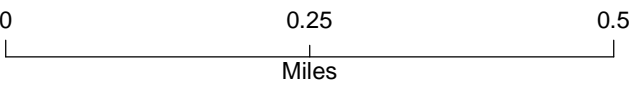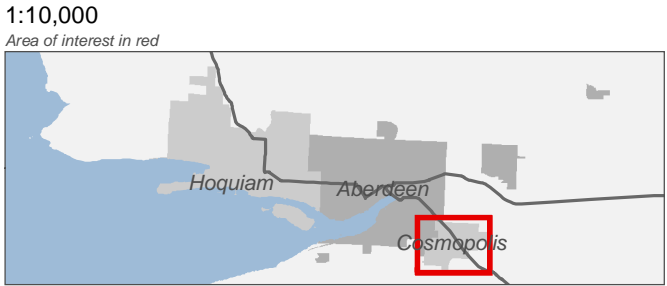- Narel silt loam
- Udorthents, level

Hydric Soils
- Fluvaquents, tidal
- Ocosta silty clay loam
- Orcas peat
- Palix silt loam
- Pits, gravel
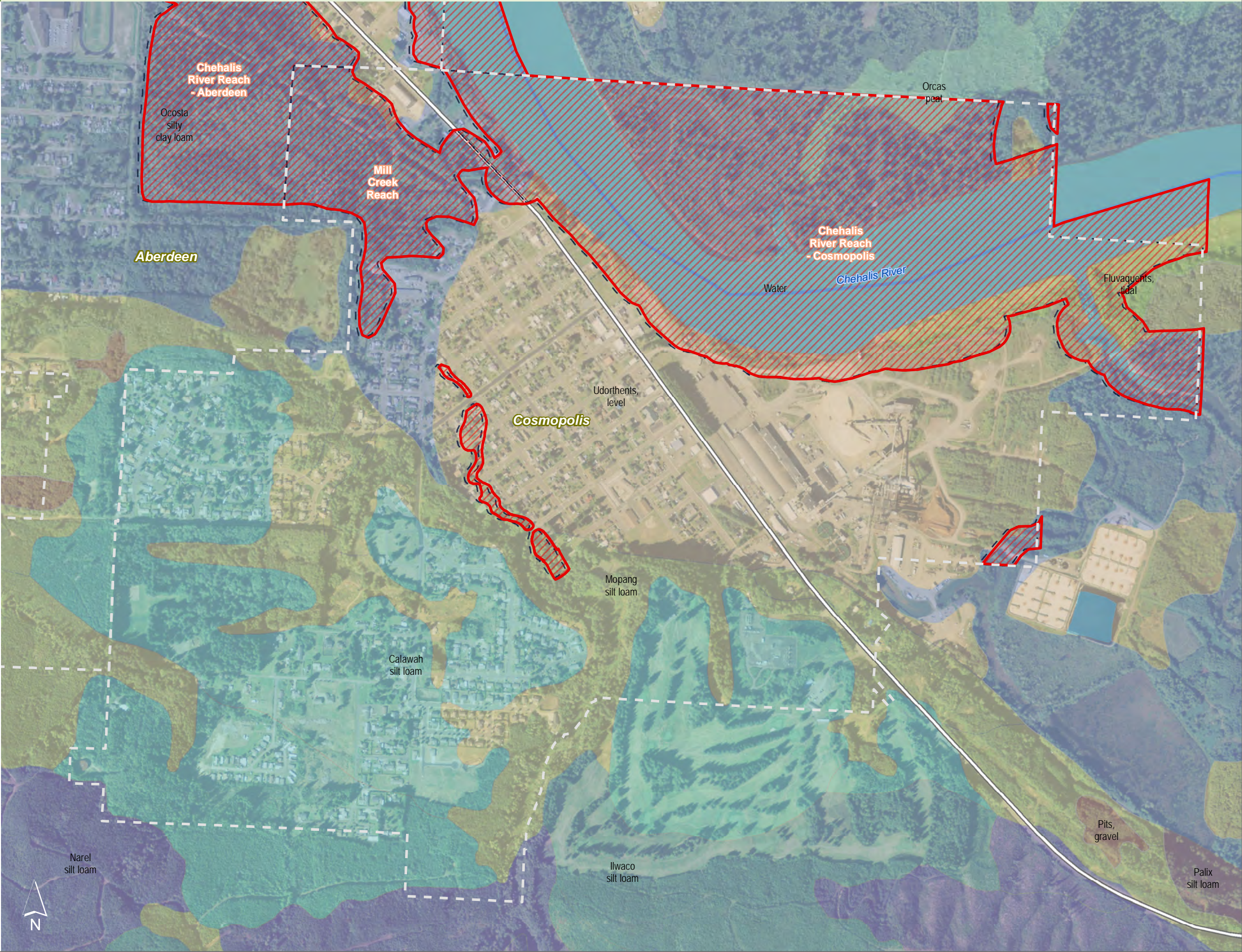- Water

Scale bar: 0 — 0.25 — 0.5 Miles

1:10,000

Area of interest in red

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), DNR, WSDOT, Ecology, NRCS NAIP

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Map labels:
- Chehalis River Reach - Aberdeen
- Ocosta silty clay loam
- Mill Creek Reach
- Chehalis River Reach - Cosmopolis
- Orcas peat
- Water
- Chehalis River
- Fluvaquents, tidal
- Aberdeen
- Udorthents, level
- Cosmopolis
- Mopang silt loam
- Calawah silt loam
- Ilwaco silt loam
- Narel silt loam
- Pits, gravel
- Palix silt loam

CITY OF ABERDEEN | CITY OF COSMOPOLIS, Incorporated 1891 | CITY OF HOQUIAM

AHBL | HERRERA

Land Cover

Figure 4.4: Cosmopolis

Date: 7/21/2014

Legend:

- Preliminary Shoreline Jurisdiction
- Reaches
- City Boundary
- SMA Rivers
- SMA Lakes
- Highway

Land Cover

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Undeveloped Land
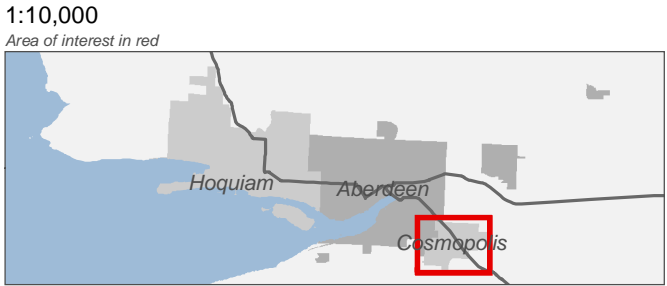- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceuous
- Woody Wetlands
- Emergent Herbaceuous Wetlands

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Source: USGS NLCD (2006), Grays Harbor Co., GHCG, USFWS NWI, FEMA, WA DNR, WSDOT, DOE, NRCS NAIP

Shoreline jurisdiction boundaries depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.
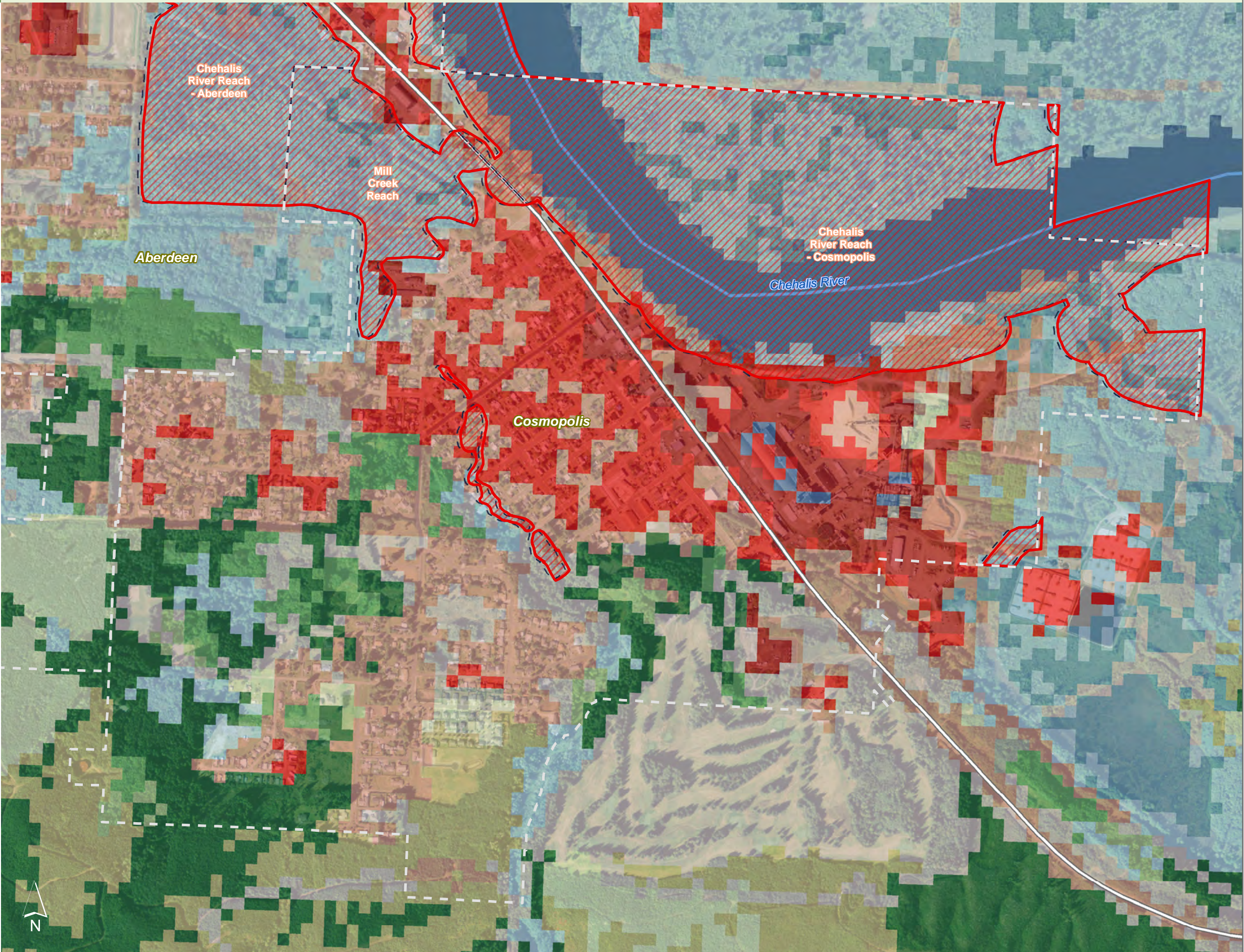
Map labels:
- Chehalis River Reach - Aberdeen
- Mill Creek Reach
- Chehalis River Reach - Cosmopolis
- Chehalis River
- Aberdeen
- Cosmopolis
- Hoquiam

CITY OF ABERDEEN
CITY OF COSMOPOLIS Incorporated 1891
CITY OF HOQUIAM

AHBL
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Figure 5.4: Cosmopolis

Date: 7/21/2014

Legend

- Preliminary Shoreline Jurisdiction
- Reaches
- City Boundary
- SMA Rivers
- SMA Lakes
- Highways
- Levees
- Dams

Shoreline Modified
- Armored
- Over Water Structure

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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Map labels:
- Chehalis River Reach - Aberdeen
- Mill Creek Reach
- Chehalis River Reach - Cosmopolis
- Aberdeen
- Cosmopolis

CITY OF ABERDEEN
CITY OF COSMOPOLIS · Incorporated 1891
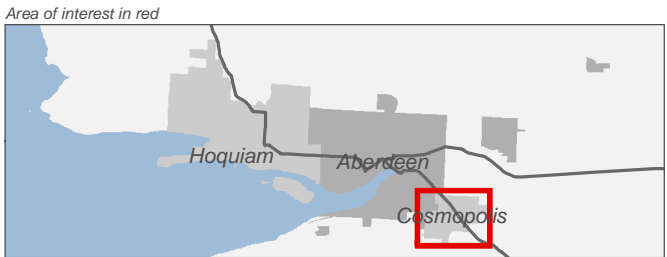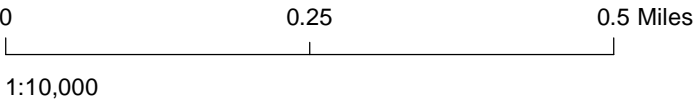CITY OF HOQUIAM

AHBL
HERRERA

N

Water Quality 303(d) Listed Waterbodies

Figure 6.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction

Reaches

City Boundary

SMA Rivers

SMA Lakes

Highway

303d Waterbodies by Category

1		4A		4C	
2		4B		5	

303d Categories:
Category 1: Meets tested standards
Category 2: Waters of concern
Category 4: Polluted waters that do not require a TMDL
    4a: Approved TMDL control plan in place
    4b: Approved pollution control plan in place
    4c: Cause cannot be addressed through TMDL
Category 5: Polluted waters that require a TMDL

0   0.25   0.5 Miles

1:10,000
Area of interest in red
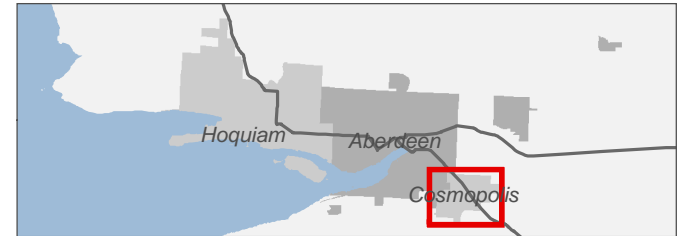
Hoquiam   Aberdeen

Cosmopolis

*Source: Grays Harbor County, USFWS NWI (2011), FEMA
Preliminary DFIRM (2013), DNR, WSDOT, Ecology, NRCS NAIP*

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on this map.

CITY OF ABERDEEN

CITY OF COSMOPOLIS *Incorporated 1891*

CITY OF HOQUIAM

AHBL

Herrera

Map labels

Chehalis River Reach - Aberdeen

Mill Creek Reach

Aberdeen

101

Chehalis River Reach - Cosmopolis

Chehalis River

Cosmopolis

N

Surface Water System

Figure 7.4: Cosmopolis

Date: 7/21/2014

Legend:

- Preliminary Shoreline Jurisdiction
- Reaches
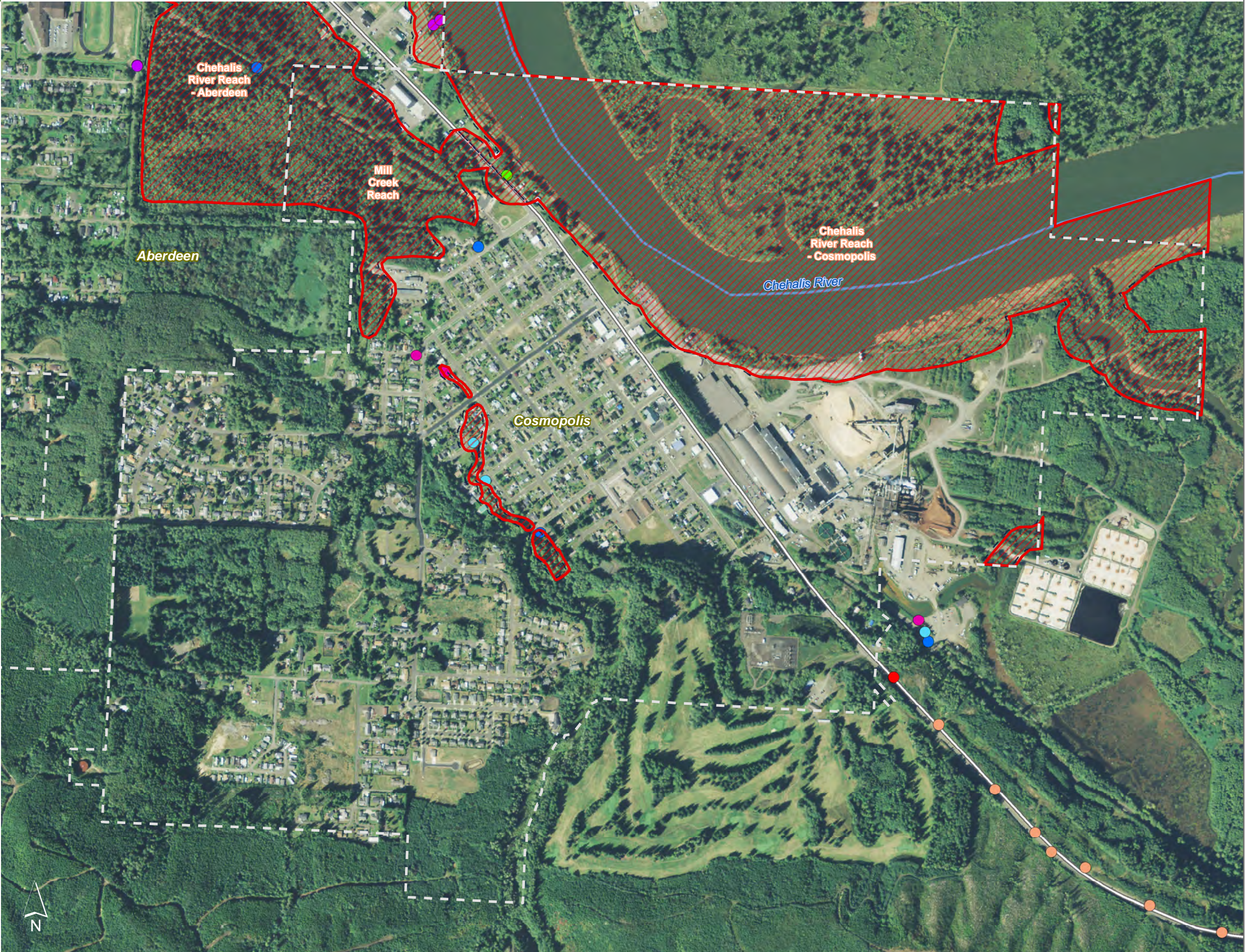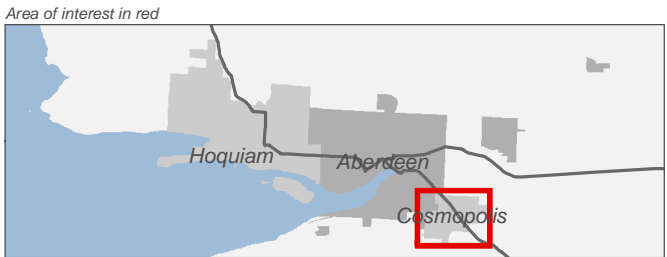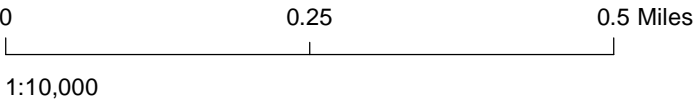- City Boundary
- SMA Lakes
- SMA Rivers
- Highways

Road Crossing - Blockage Type
- N/A
- None
- Partial
- Total
- Unknown

Tide Gates
- City of Aberdeen
- City of Hoquiam
- Tide Gate per WDFW

0   0.25   0.5 Miles

1:10,000
Area of interest in red

Source: Grays Harbor County, USFWS NWI, FEMA, WA DNR, WSDOT, DOE, NRCS NAIP

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Chehalis River Reach - Aberdeen

Mill Creek Reach

Chehalis River Reach - Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

Hoquiam
Aberdeen
Cosmopolis

AHBL

HERRERA

WDFW Priority Habitat Fish Species

Figure 8.4: Cosmopolis

Date: 7/21/2014

Legend

- ▨ Preliminary Shoreline Jurisdiction
- ⬚ Reaches
- ⬚ City Boundary
- 〰 SMA Rivers
- ◆ SMA Lakes
- ⩗ Highways

Fish Species Present

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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CITY OF ABERDEEN · CITY OF COSMOPOLIS · CITY OF HOQUIAM

AHBL · Herrera

Map labels:

Chehalis River Reach - Aberdeen

Mill Creek Reach

Mill Creek: Coho Salmon

Aberdeen

Chehalis River Reach - Cosmopolis

Chehalis River: Bull Trout, Coast Resident Cutthroat, Coho Salmon, Chinook Salmon, Chum Salmon, Steelhead Trout

Chehalis River

Cosmopolis

N

Aberdeen | Cosmopolis | Hoquiam
Shoreline Master Program
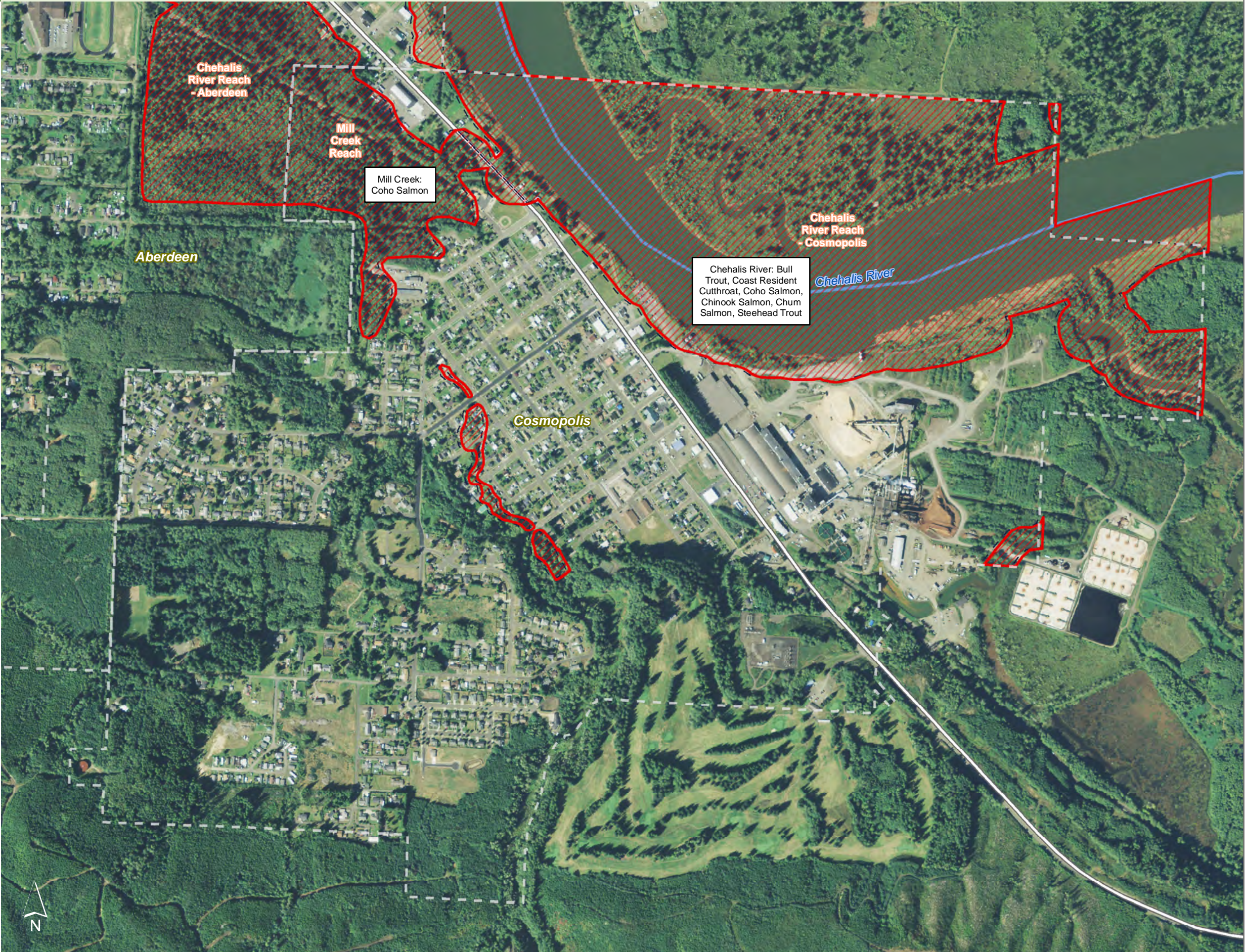
Shoreline Reaches

Figure 9.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction

City Boundary

SMA Rivers

SMA Lakes

Highways

Shoreline Reach

Cosmopolis

Chehalis River Reach - North

Chehalis River Reach - South

Mill Creek Reach

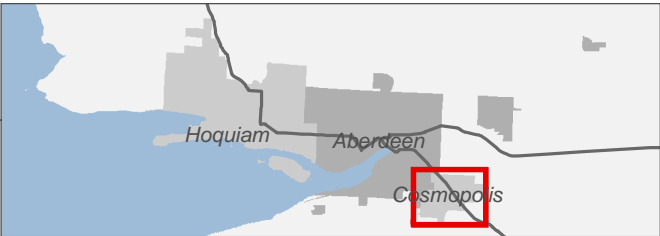**Aberdeen**
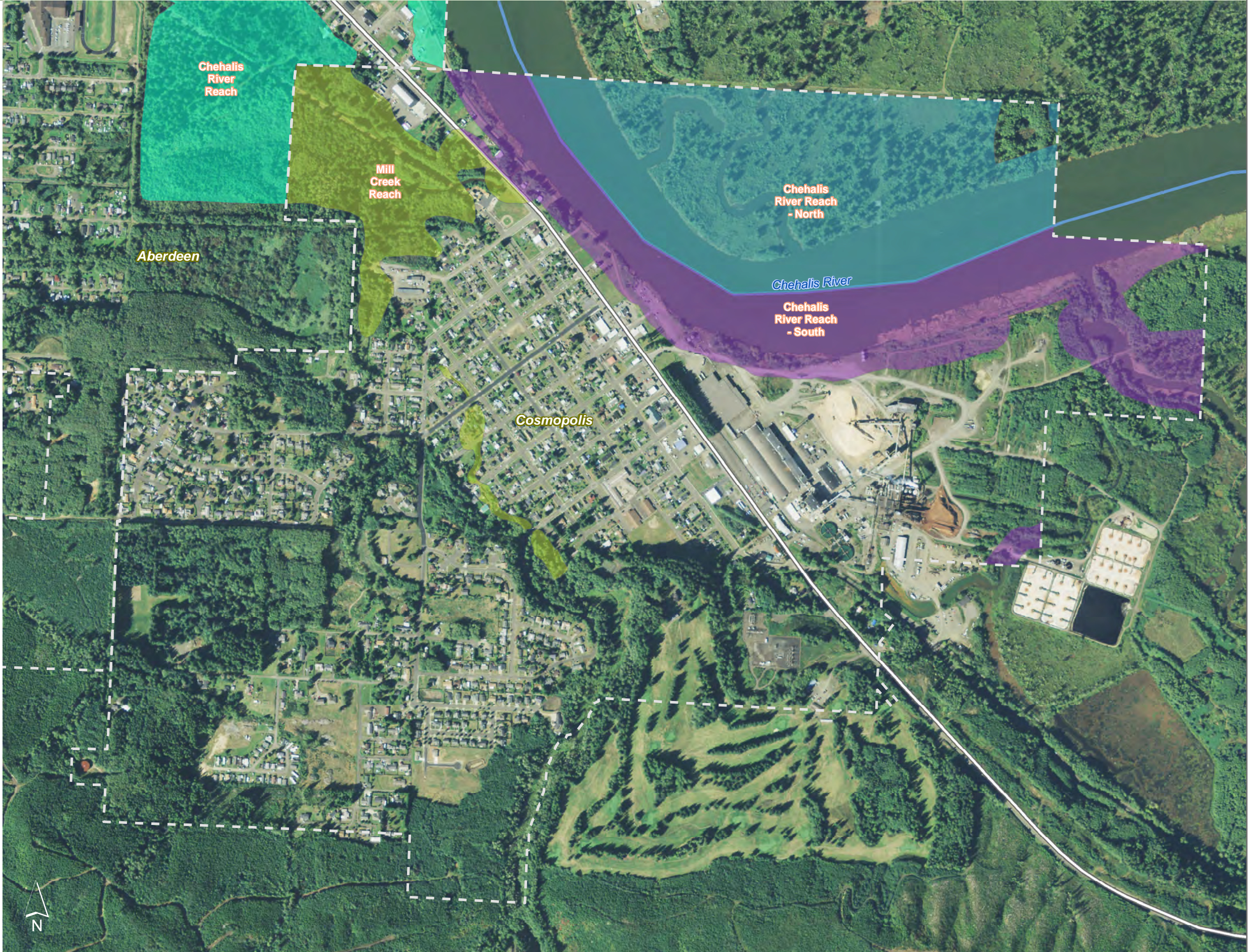
Chehalis River Reach

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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AHBL

HERRERA
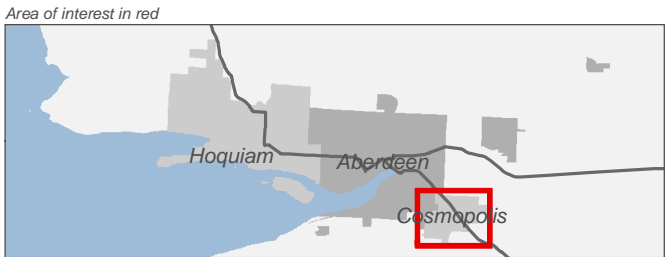
WDFW Priority Habitat Wildlife

Figure 10.4: Cosmopolis

Date: 7/21/2014

Preliminary Jurisdiction

Reaches

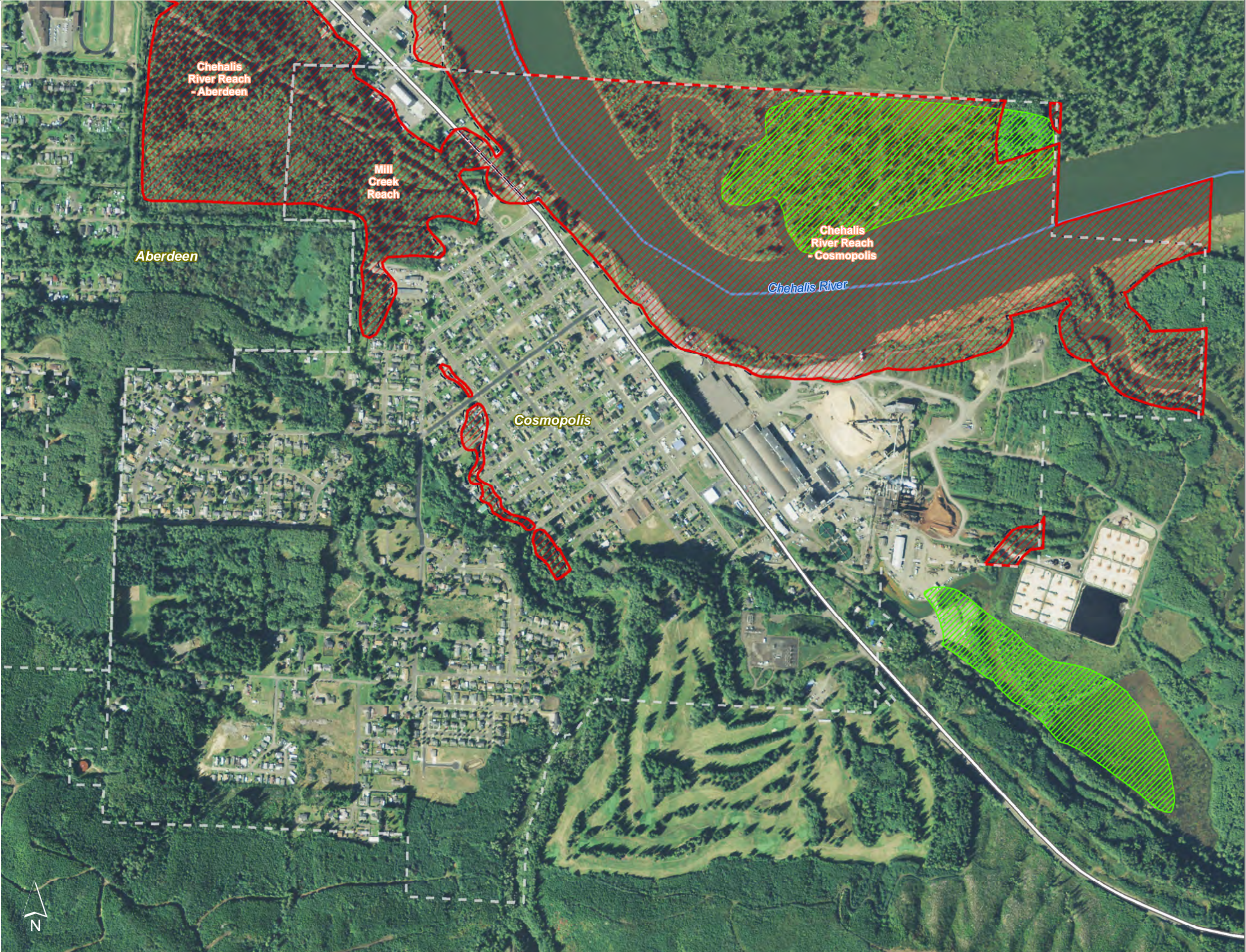City Boundary

SMA Rivers

SMA Lakes

Highways

Wood Duck

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM
(2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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been formally delineated or surveyed and are intended for planning purposes only.
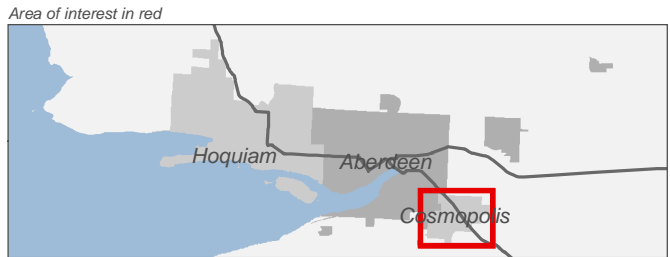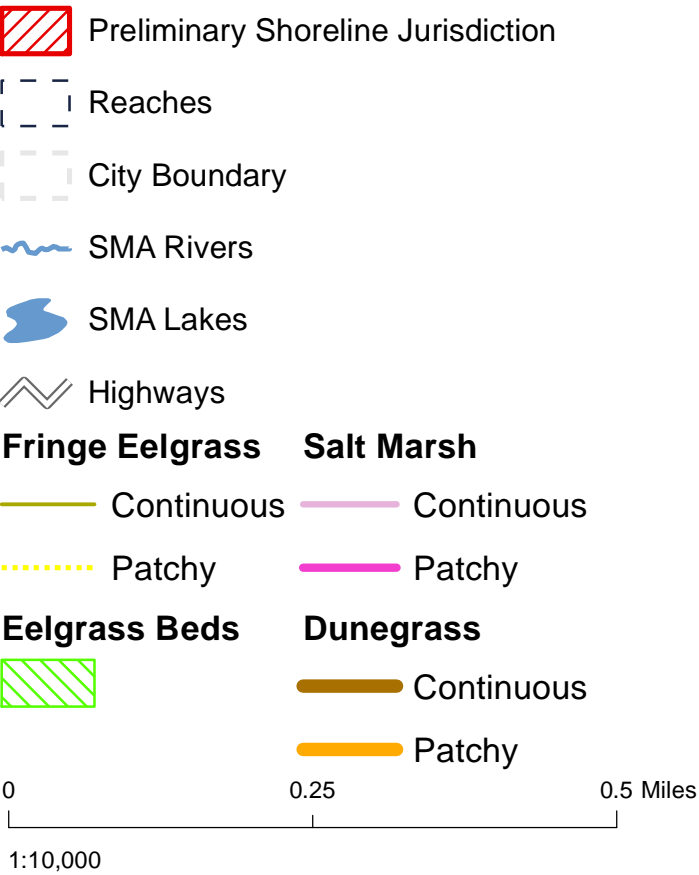Additional site-specific evaluation may be needed to confirm/verify information shown
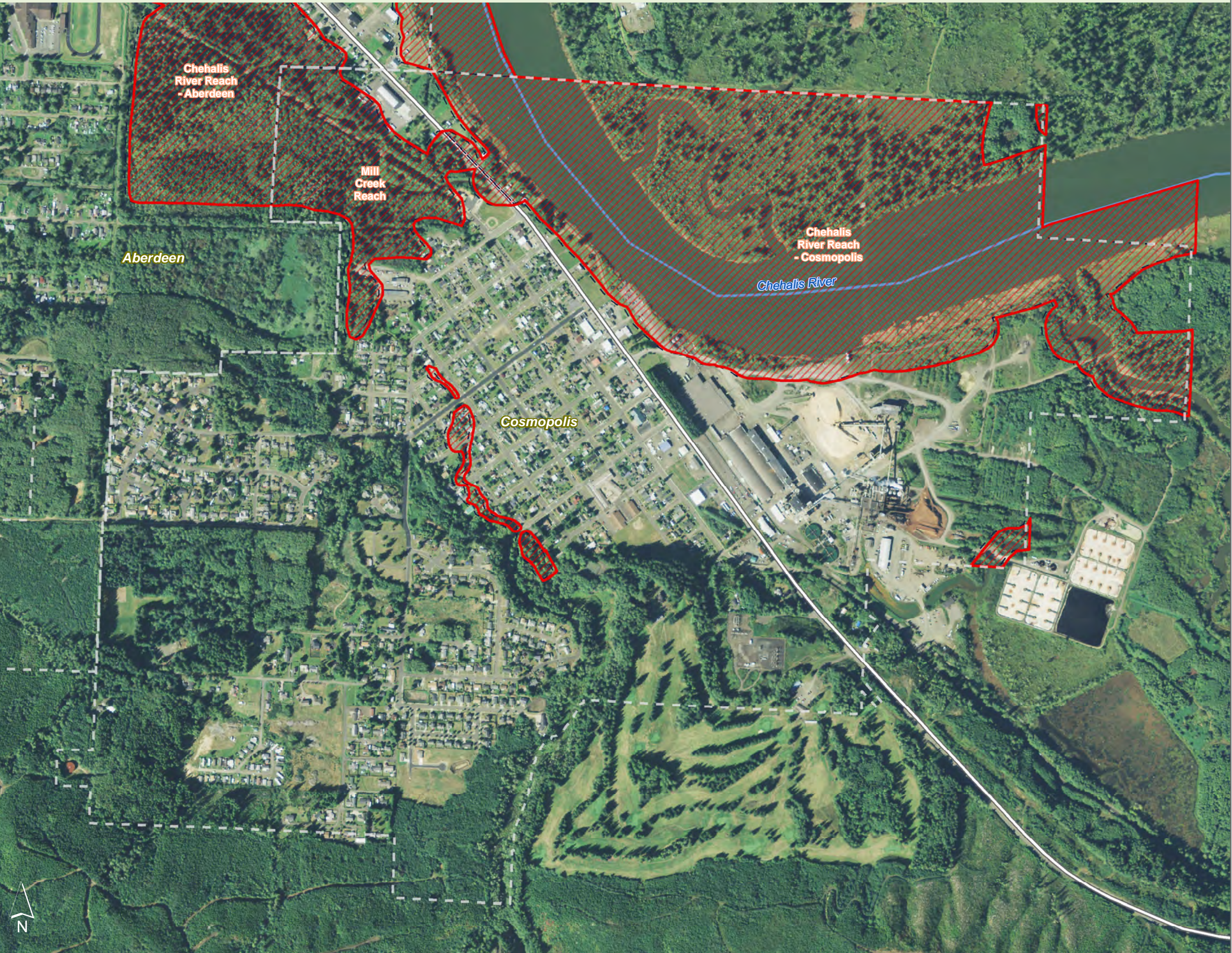on this map.

CITY OF ABERDEEN

CITY OF COSMOPOLIS
Incorporated 1891

CITY OF HOQUIAM

AHBL

HERRERA

Chehalis
River Reach
- Aberdeen

Mill Creek
Reach

Chehalis
River Reach
- Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

N

Figure 11.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction

Reaches

City Boundary

SMA Rivers

SMA Lakes

Highways

Fringe Eelgrass
Continuous
Patchy

Salt Marsh
Continuous
Patchy

Eelgrass Beds

Dunegrass
Continuous
Patchy

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013).

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CITY OF ABERDEEN

CITY OF COSMOPOLIS   Incorporated 1891

CITY OF HOQUIAM

AHBL

HERRERA

Chehalis River Reach - Aberdeen

Mill Creek Reach

Chehalis River Reach - Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

N

Figure 12.4: Cosmopolis

Date: 7/21/2014

Legend

- Preliminary Shoreline Jurisdiction
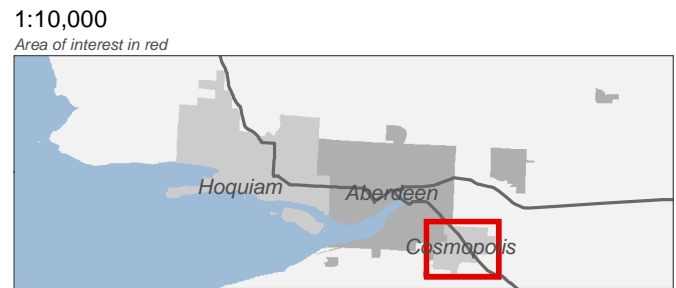- Reaches
- City Boundary
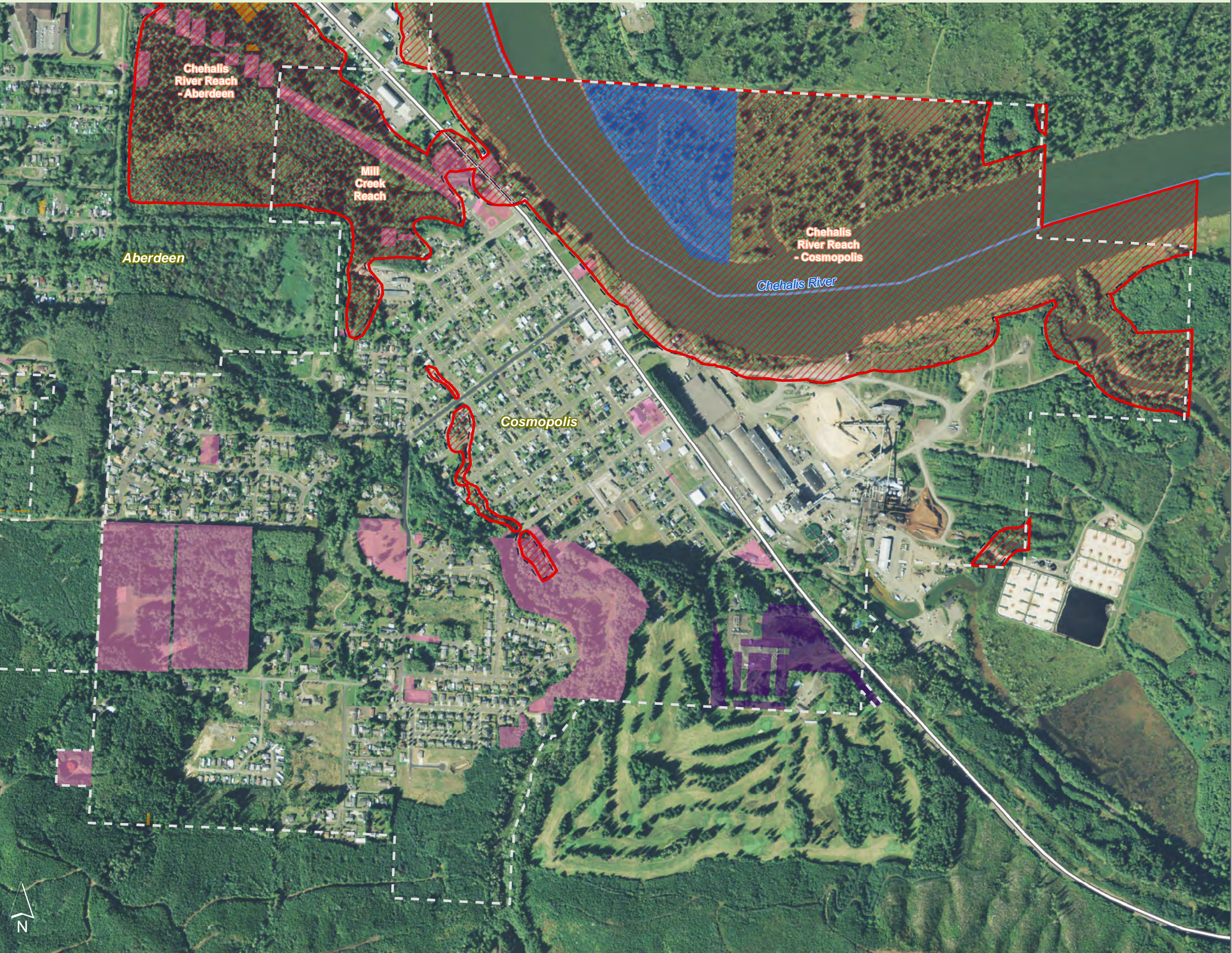- SMA Rivers
- SMA Lakes
- Highway

Public Land
- Federal Government
- Grays Harbor County
- Municipal
- Port of Grays Harbor
- Washington DNR
- State of Washington

0   0.25   0.5 Miles

1:10,000
Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA
Preliminary DFIRM (2013), DNR, WSDOT, Ecology, NRCS NAIP

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CITY OF ABERDEEN

CITY OF COSMOPOLIS · Incorporated 1891

CITY OF HOQUIAM

AHBL

HERRERA

Chehalis
River Reach
- Aberdeen

Mill
Creek
Reach

Chehalis
River Reach
- Cosmopolis

Aberdeen

Chehalis River

Cosmopolis

N

Contaminated Sites

Figure 13.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction

Reaches

City Boundary

SMA Rivers

SMA Lakes

Highways

TankStatus

● Operational

Contaminated

● Awaiting Cleanup

● Cleanup Started

● Construction Complete-Performance Monitoring

0   0.25   0.5 Miles

1:10,000
Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), DNR, WSDOT, Ecology, NRCS NAIP

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Chehalis River Reach - Aberdeen

Mill Creek Reach

COUNTY MAINTENANCE SHOP

Aberdeen

MAXI MINI MART

Chehalis River Reach - Cosmopolis

Chehalis River

Cosmopolis

N

Figure 14.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction
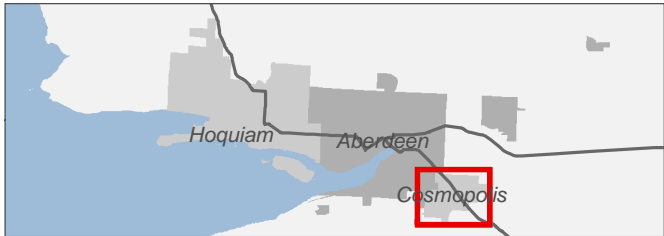
Reaches

City Boundary

SMA Rivers

SMA Lakes

Highway

City of Aberdeen Zoning Districts

WA - Waterfront Use

CR - Commercial/Resid...

I - Industrial

RM - Multiple Family Residential

RS - Single Family Residential

City of Cosmopolis Zoning Districts

M - Manufacturing

MU - Mixed Use

PR - Public Reserve

R100 - Residential (Low Density)

R57 - Residential (Medium Density)

0   0.25   0.5 Miles
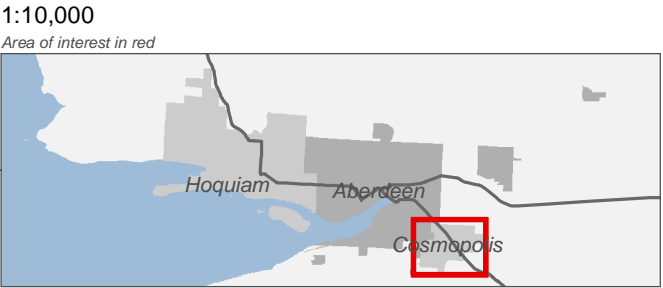
1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), DNR, WSDOT, Ecology, NRCS NAIP

Shoreline jurisdiction boundaries depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.
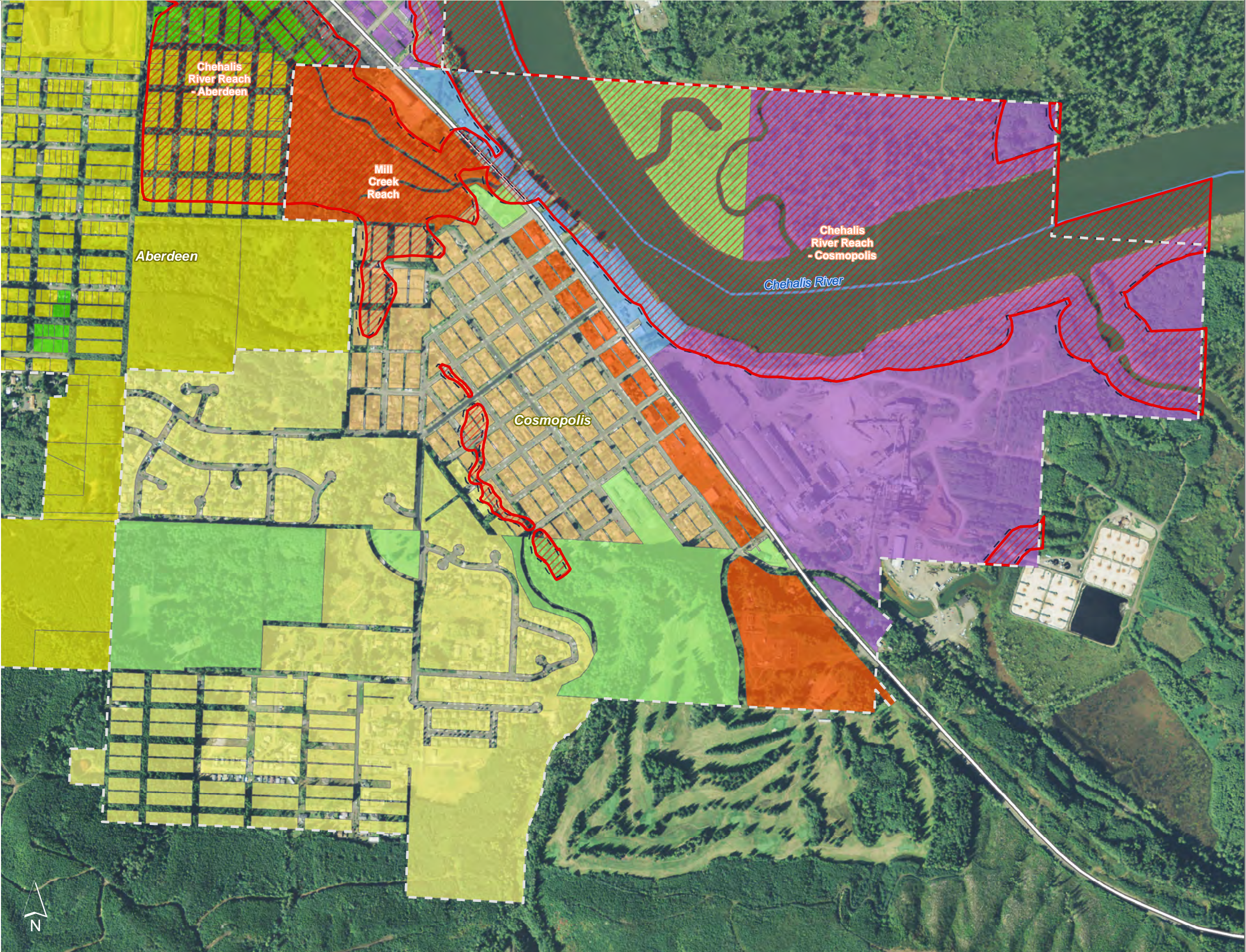
Chehalis River Reach - Aberdeen

Mill Creek Reach

Chehalis River Reach - Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

AHBL

HERRERA

Figure 15.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction

Reaches

City Boundary

SMA Rivers

SMA Lakes

Highways

Landslides
- Debris flow
- Debris slide and avalanches
- Deep-seated
- Shallow undifferentiated

Liquefaction Susceptibility
- Moderate to High

Seismic Event Scenario
- Cascadia Scenario 1A

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), WA DNR, WSDOT, DOE, NRCS NAIP (2013)

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Chehalis River Reach - Aberdeen

Mill Creek Reach

Chehalis River Reach - Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

N

CITY OF ABERDEEN

CITY OF COSMOPOLIS Incorporated 1891

CITY OF HOQUIAM

AHBL

Herrera
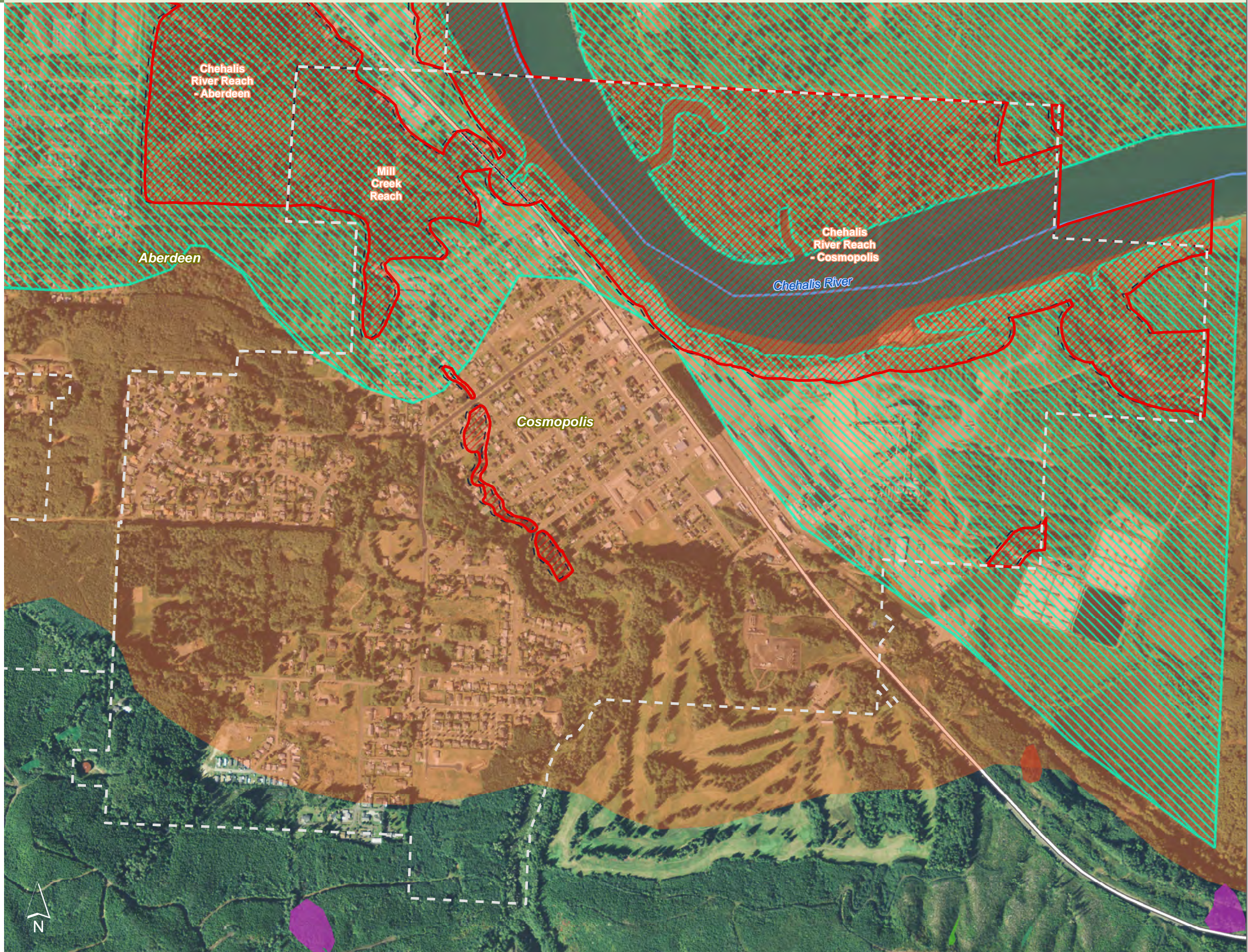
Figure 16.4: Cosmopolis

Date: 7/21/2014

Preliminary Shoreline Jurisdiction

Reaches

City Boundary

SMA Rivers

SMA Lakes

Highway

Public Access
★ Boat Launches

Trail Locations
● Bike/Ped
● Walking

Trail Routes
—— Bike and Pedestrian

Parks and Recreation
Golf Course
Park
School

0   0.25   0.5 Miles

1:10,000

Area of interest in red

Hoquiam   Aberdeen

Cosmopolis

Source: Grays Harbor County, USFWS NWI (2011), FEMA Preliminary DFIRM (2013), DNR, WSDOT, Ecology, NRCS NAIP

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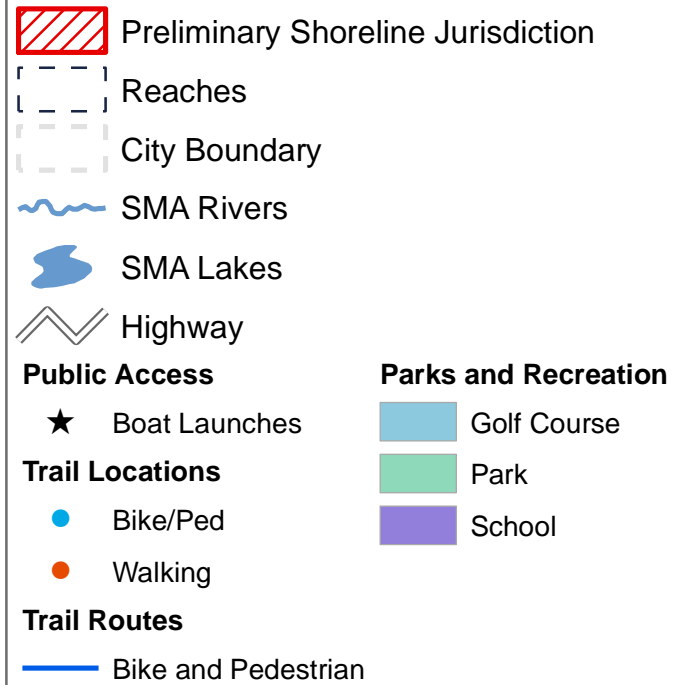
Chehalis River Reach - Aberdeen

Mill Creek Reach

Chehalis River Reach - Cosmopolis

Chehalis River

Aberdeen

Cosmopolis

N