All features 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.

Data source:

Revision Date: 4/10/2014
Original Issue Date: 3/13/2013
Name: Fig07_public_access_cities
All features 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.

Note:
1 Trails data includes bicycle and recreational trails, main bicycle routes, signed bicycle routes, boardwalks, stairways, and other facilities.
All features 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.

Date: 4/10/2014
Name: Fig08_impervious_cities

Percent Impervious¹

- 0
- 1 - 20
- 21 - 40
- 41 - 60
- 61 - 80
- 81 - 100

SMP Stream
SMP Waterbody
Proposed Shoreline Jurisdiction
Potentially Associated Wetland
City Boundary
UGA/UGB/PAB
County Boundary

Note:
¹ Percent impervious data comes from NOAA C-CAP, and was derived from 2006 Landsat Thematic Mapper imagery.
All features 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.

Note: *Percent impervious data comes from NOAA C-CAP, and was derived from 2006 Landsat Thematic Mapper imagery.*

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

Date: 4/10/2014
Name: Fig08_impervious_cities
All features 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.

Notes:
1 Landcover data is sourced from NOAA C-CAP, 2006. Classification were derived from Landsat scenes analyzed according to the C-CAP protocol to determine land cover.
2 Tree cover was digitized from 2011 National Agriculture Imagery Program (NAIP) aerial data.

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

Date: 4/10/2014
Name: Fig09_landcover_cities
All features 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.

Notes:
1 Landcover data is sourced from NOAA C-CAP, 2006. Classification were derived from Landsat scenes analyzed according to the C-CAP protocol to determine land cover.
2 Tree cover was digitized from 2011 National Agriculture Imagery Program (NAIP) aerial data.

Data source:
Cowlitz County, CWCOC, NOAA, Department of Ecology, The Watershed Company.
FIGURE 10. FLOODPLAIN AND FLOODWAY

All features 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.

Notes:
1. Preliminary Digital Flood Insurance Rate Maps (DFIRM) data drafted by FEMA was used to determine shoreline jurisdiction boundary in City of Castle Rock, Kelso, Kalama, and Woodland. Boundaries of both floodway and floodplain have not been formally adopted.
2. Based on Flood Insurance Rate Maps (FIRMS) published by the Federal Emergency Management Agency (FEMA) in 1996. The data was used to determine shoreline jurisdiction boundary of the County and areas within the County but outside of incorporated city limit (i.e. UGB, UGA or PAB areas).

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

Date: 4/10/2014
Name: Fig10_floodplain_floodway_cities
All features 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.

Notes:
1 Preliminary Digital Flood Insurance Rate Maps (DFIRM) data drafted by FEMA was used to determine shoreline jurisdiction boundary in City of Castle Rock, Kelso, Kalama, and Woodland. Boundaries of both floodway and floodplain have not been formally adopted.
2 Based on Flood Insurance Rate Maps (FIRMS) published by the Federal Emergency Management Agency (FEMA) in 1996. The data was used to determine shoreline jurisdiction boundary of the County and areas within the County but outside of incorporated city limit (i.e. UGB, UGA or PAB areas).

FIGURE 10. FLOODPLAIN AND FLOODWAY

All features 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.

Date: 4/10/2014
Name: Fig10_floodplain_floodway_cities

Data source: Cowlitz County, CWCOG, Department of Ecology, The Watershed Company.
All features 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.

Note: Preliminary Digital Flood Insurance Rate Maps (DFIRM) data drafted by FEMA was used to determine shoreline jurisdiction boundary in City of Castle Rock, Kelso, Kalama, and Woodland. Boundaries of both floodway and floodplain have not been formally adopted.

Original Scale=1:20,400 @ 11x17 layout. Please scale accordingly.

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

Date: 4/10/2014
Name: Fig11_CMZ_cities
All features 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.

Date: 4/10/2014
Name: Fig11_CMZ_cities

Note: Preliminary Digital Flood Insurance Rate Maps (DFIRM) data drafted by FEMA was used to determine shoreline jurisdiction boundary in City of Castle Rock, Kelso, Kalama, and Woodland. Boundaries of both floodway and floodplain have not been formally adopted.
All features 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.
All features 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.