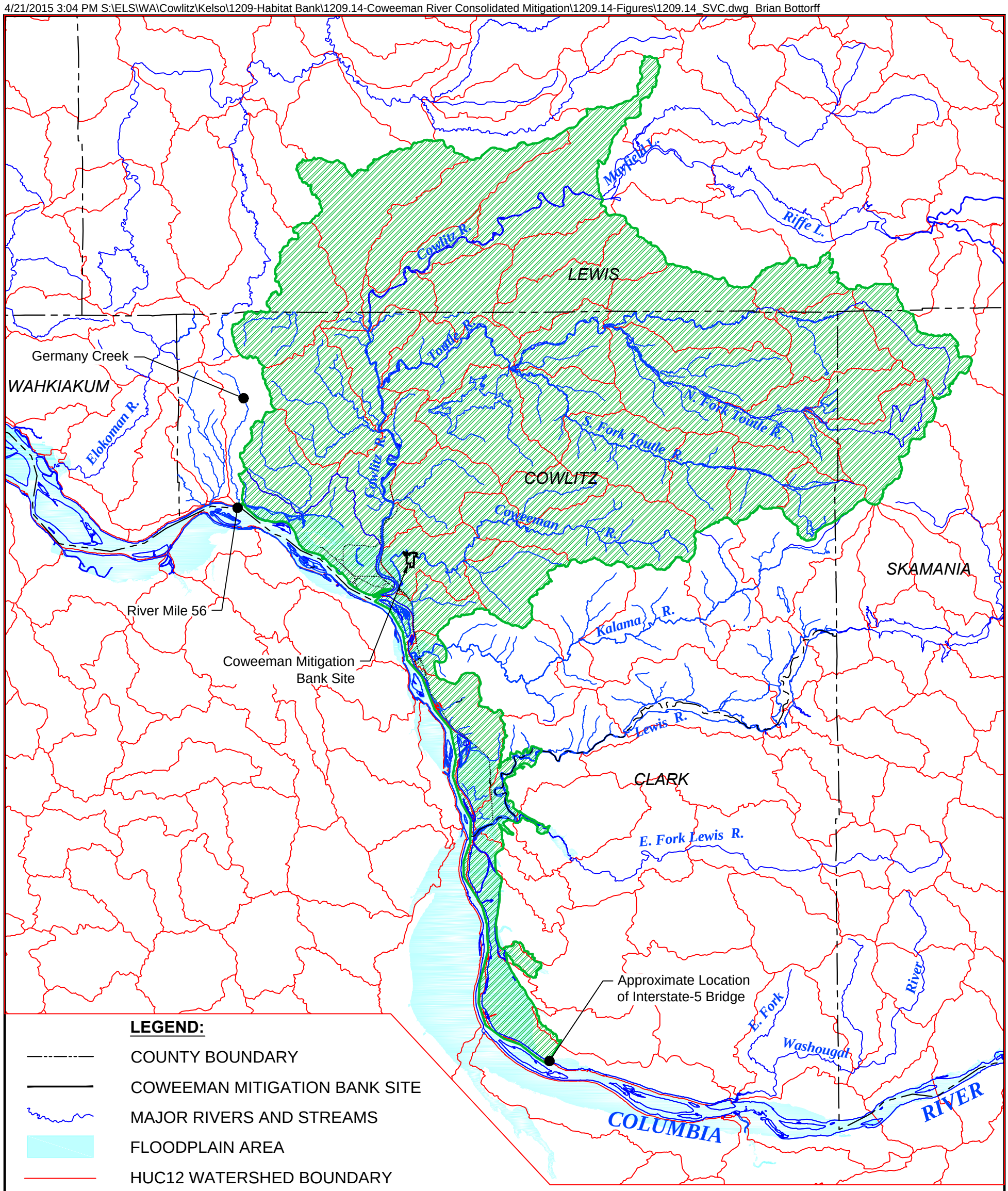


LEGEND:

- COUNTY BOUNDARY
- COWEEMAN MITIGATION BANK SITE
- MAJOR RIVERS AND STREAMS
- FLOODPLAIN AREA
- HUC12 WATERSHED BOUNDARY
- COWEEMAN MITIGATION BANK UNIVERSAL CREDIT SERVICE AREA

SERVICE AREA LIMITATIONS:

COLUMBIA RIVER UPSTREAM LIMIT: INTERSTATE 5 BRIDGE IN VANCOUVER

COLUMBIA RIVER DOWNSTREAM LIMIT: RIVER MILE 56 NEAR STELLA

COWLITZ WATERSHED: ALL OF WRIA 26 BELOW MAYFIELD DAM

NOTES:

1. STATE, COUNTY, RIVERS, AND STREAM BOUNDARIES FROM ECOLOGY WEBSITE: http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm
2. FLOODPLAIN DATA FROM J. BURKE, UNIVERSITY OF WASHINGTON.
3. HUC12 WATERSHED BOUNDARIES FROM USGS WEBSITE: http://www.water.usgs.gov/wsc/cat/17080001.html.
4. BASE MAP PREPARED BY ECOLOGICAL LAND SERVICES, INC., FEBRUARY 2015.

N W E S

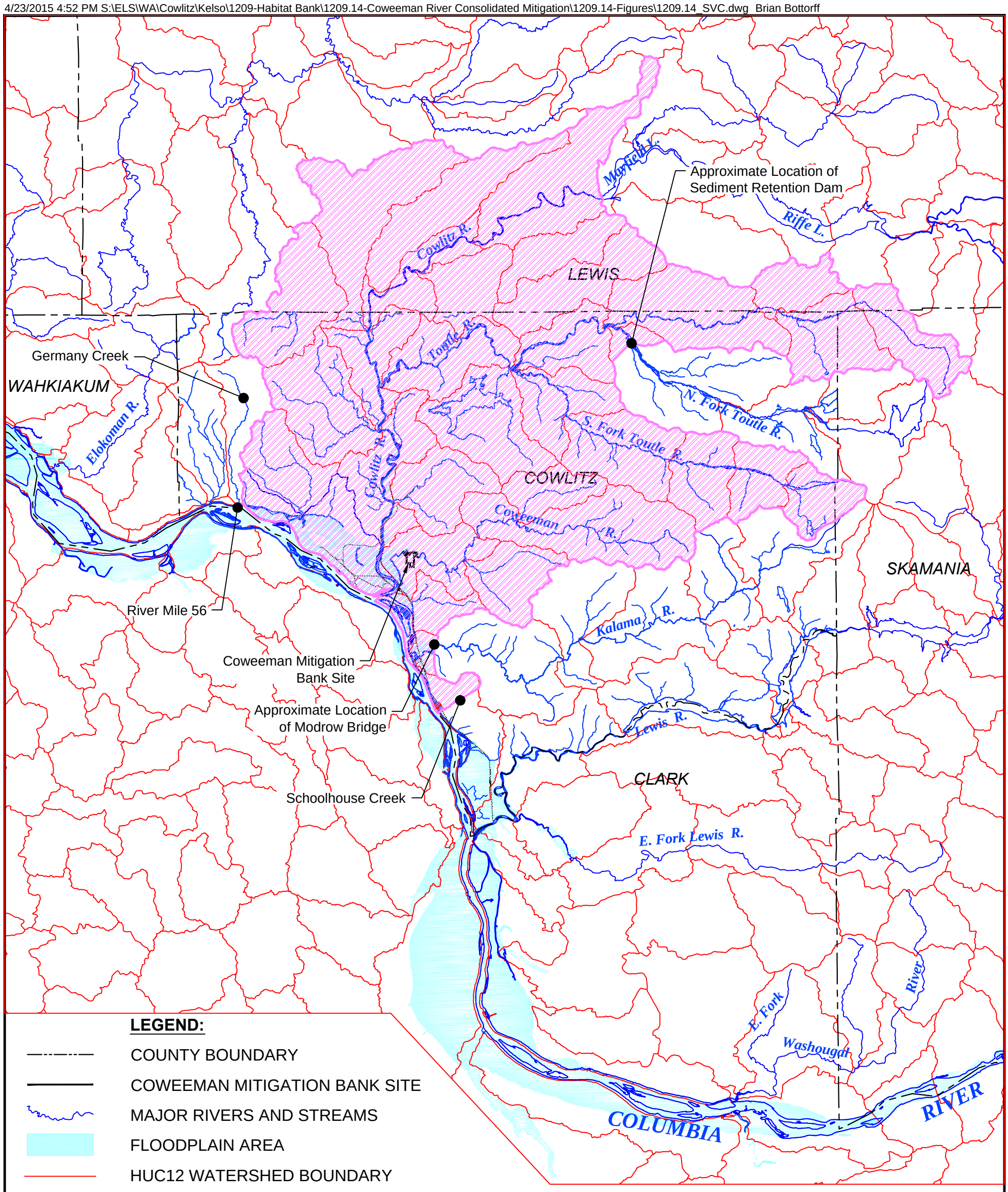
0 7 14

SCALE IN MILES
1 INCH = 7 MILES

ECOLOGICAL LAND SERVICES, INC.
1157 3rd Ave., Suite 220
Longview, WA 98632
Phone: (360) 578-1371 Fax: (360) 414-9305

DATE: 4/21/15
DWN: BCB
REQ. BY: ST
PRJ. MGR: ST
CHK:
PROJECT NO: 1209.14

Figure E-1
COWEEMAN BANK UNIVERSAL CREDIT SERVICE AREA
Coweeman Mitigation Bank
Habitat Bank LLC
City of Kelso, Cowlitz County, Washington
Section 31, Township 8N, Range 1W, W.M.
Section 36, Township 8N, Range 2W, W.M.



LEGEND:

- COUNTY BOUNDARY
- COWEEMAN MITIGATION BANK SITE
- MAJOR RIVERS AND STREAMS
- FLOODPLAIN AREA
- HUC12 WATERSHED BOUNDARY
- COWEEMAN MITIGATION BANK DSAY SERVICE AREA*

SERVICE AREA LIMITATIONS:

COLUMBIA RIVER UPSTREAM LIMIT: BETWEEN RIVER MILE 77 & 78 AT SHOOLHOUSE CREEK

COLUMBIA RIVER DOWNSTREAM LIMIT: RIVER MILE 56 NEAR STELLA

COWLITZ WATERSHED: ALL OF WRIA 26 BELOW MAYFIELD DAM EXCEPT FOR ABOVE SEDIMENT RETENTION STRUCTURE (SRS) ON THE NORTH FORK OF THE TOUTLE RIVER

NOTES:

1. STATE, COUNTY, RIVERS, AND STREAM BOUNDARIES FROM ECOLOGY WEBSITE: http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm
2. FLOODPLAIN DATA FROM J. BURKE, UNIVERSITY OF WASHINGTON.
3. HUC12 WATERSHED BOUNDARIES FROM USGS WEBSITE: http://www.water.usgs.gov/wsc/cat/17080001.html.
4. BASE MAP PREPARED BY ECOLOGICAL LAND SERVICES, INC., FEBRUARY 2015.

*For details on DSAY use for specific fish species within the DSAY Service Area Boundary, please refer to the service area limitations and boundaries for certain species contained in section E.3 of Appendix E.

N W E S

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CHK:
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Figure E-2
COWEEMAN BANK DSAY CREDIT SERVICE AREA
Coweeman Mitigation Bank
Habitat Bank LLC
City of Kelso, Cowlitz County, Washington
Section 31, Township 8N, Range 1W, W.M.
Section 36, Township 8N, Range 2W, W.M.