
Appendix K
Flood Hydrology

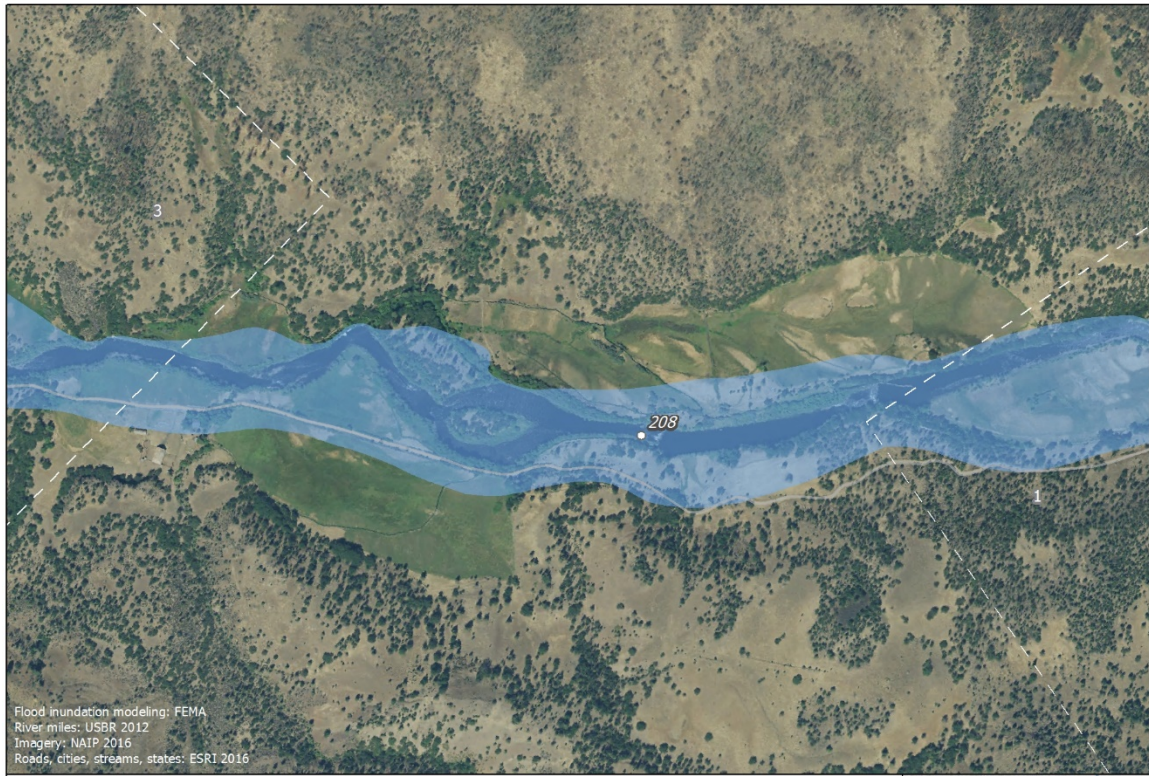
The following maps illustrate modeled 100-year flood inundation mapping conducted by FEMA (map tiles 1–5) and USBR (map tiles 6–57). USBR flood inundation mapping uses daily average flows under the two scenarios modeled in USBR (2012¹¹), including the Proposed Project (dams removal) and No Project (dams remain in place). The USBR modeling extends from Iron Gate Dam downstream to Happy Camp at approximately river mile 107. FEMA will make the final determination of the future 100-year floodplain after dam removal and the KRRC is coordinating with FEMA to initiate the map revision process.

¹¹ USBR. 2012. Hydrology, Hydraulics, and Sediment Transport Studies for the Secretary's Determination on Klamath River Dam Removal and Basin Restoration. Technical Report No. SRH-2011-02. Prepared for Mid-Pacific Region, Bureau of Reclamation, Technical Service Center, Denver, Colorado.

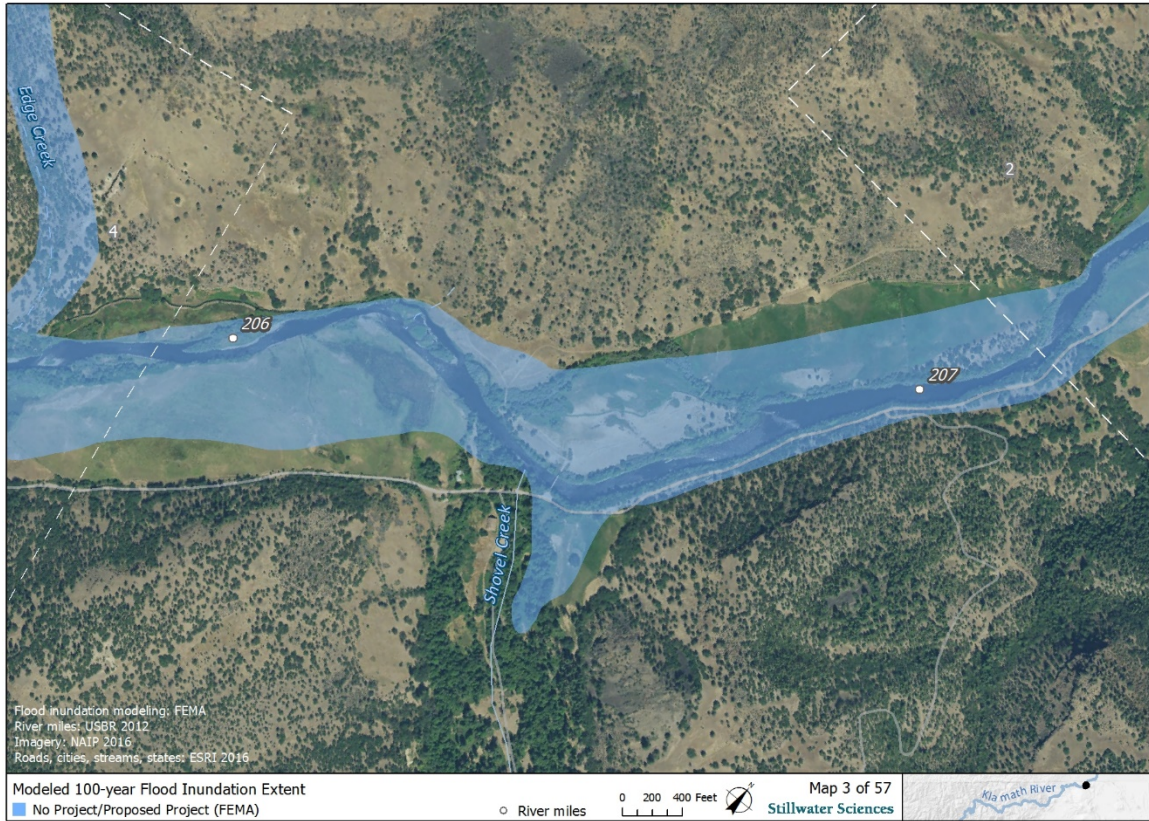


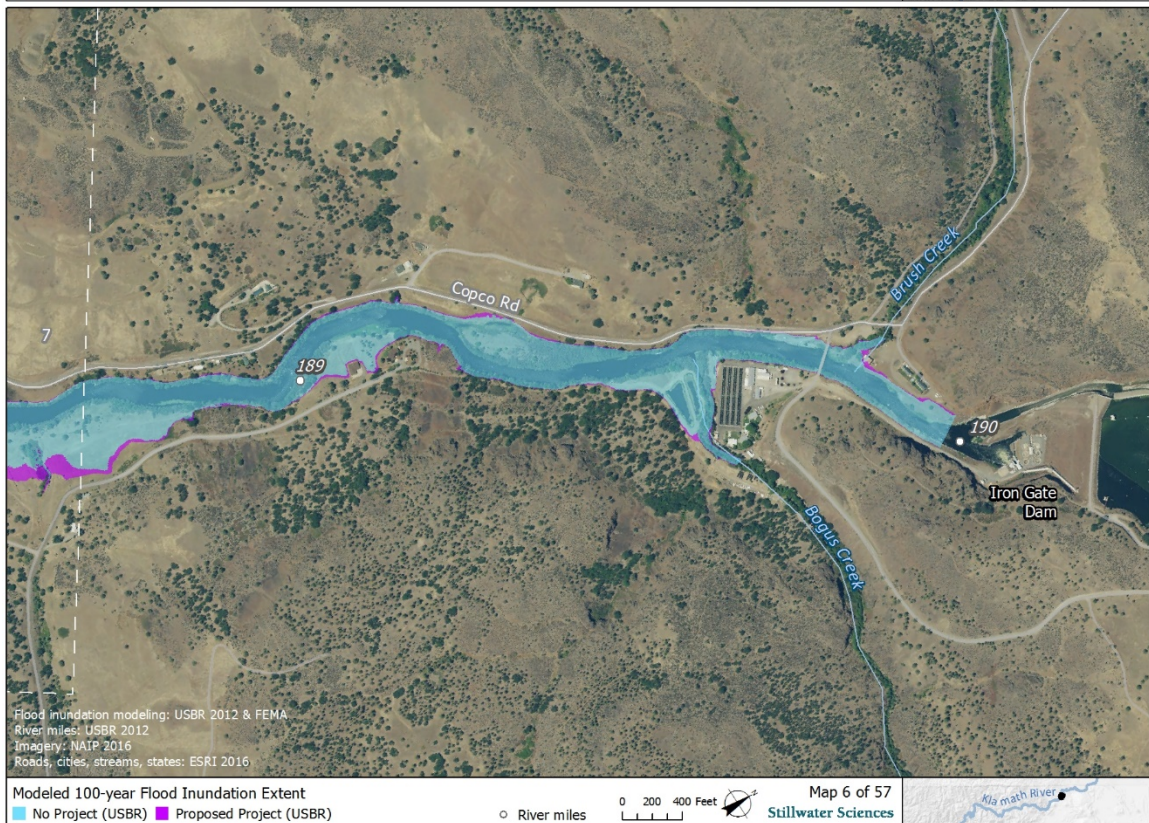
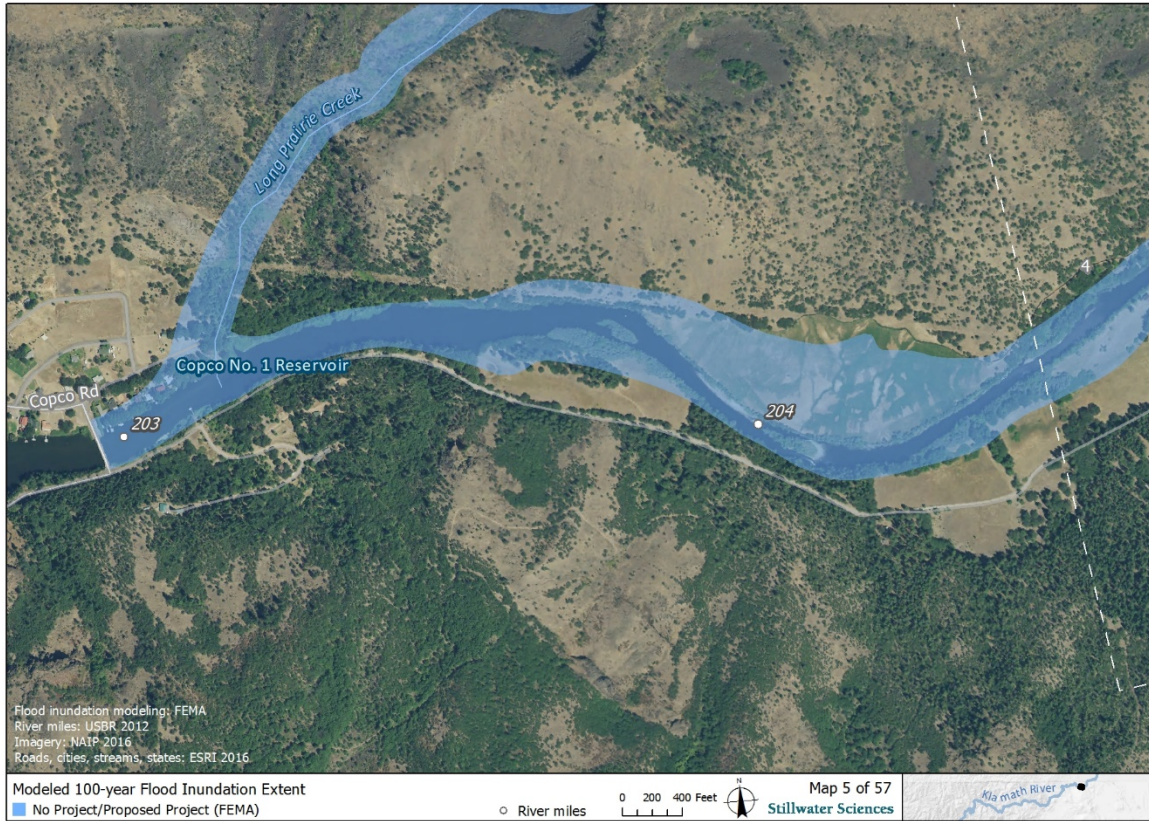


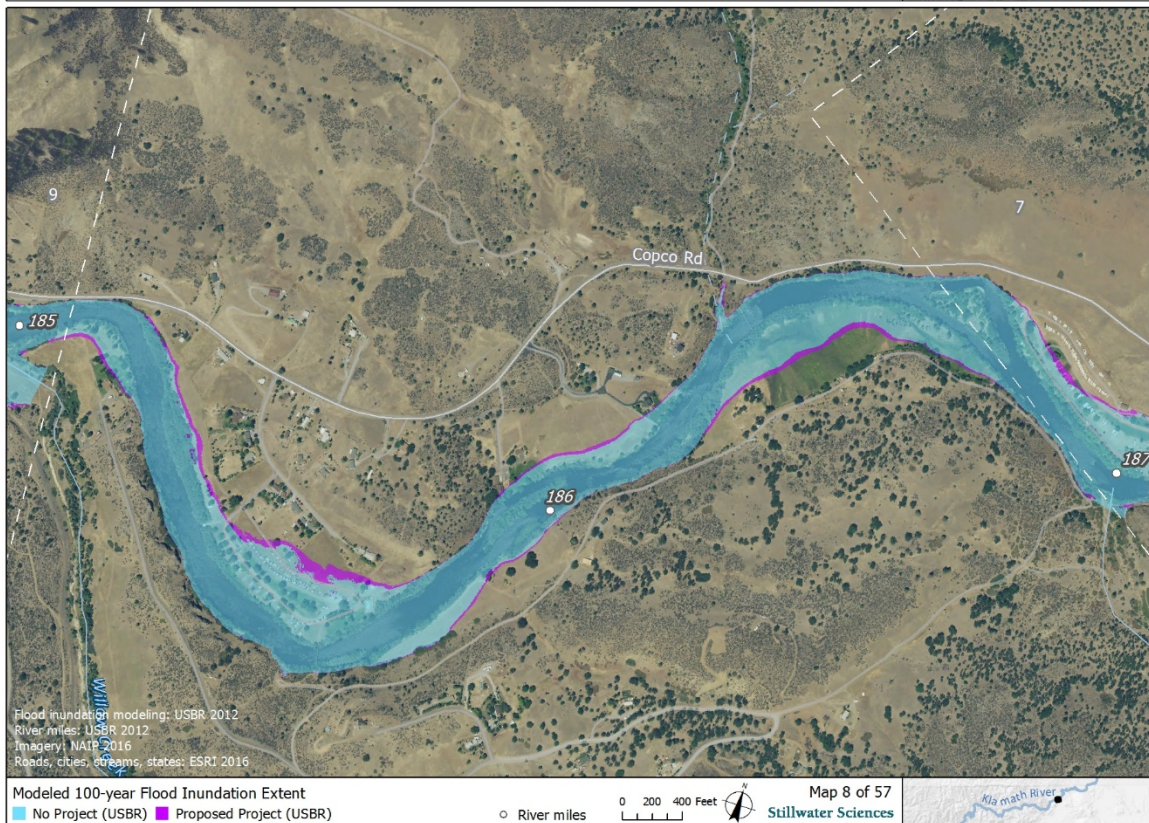
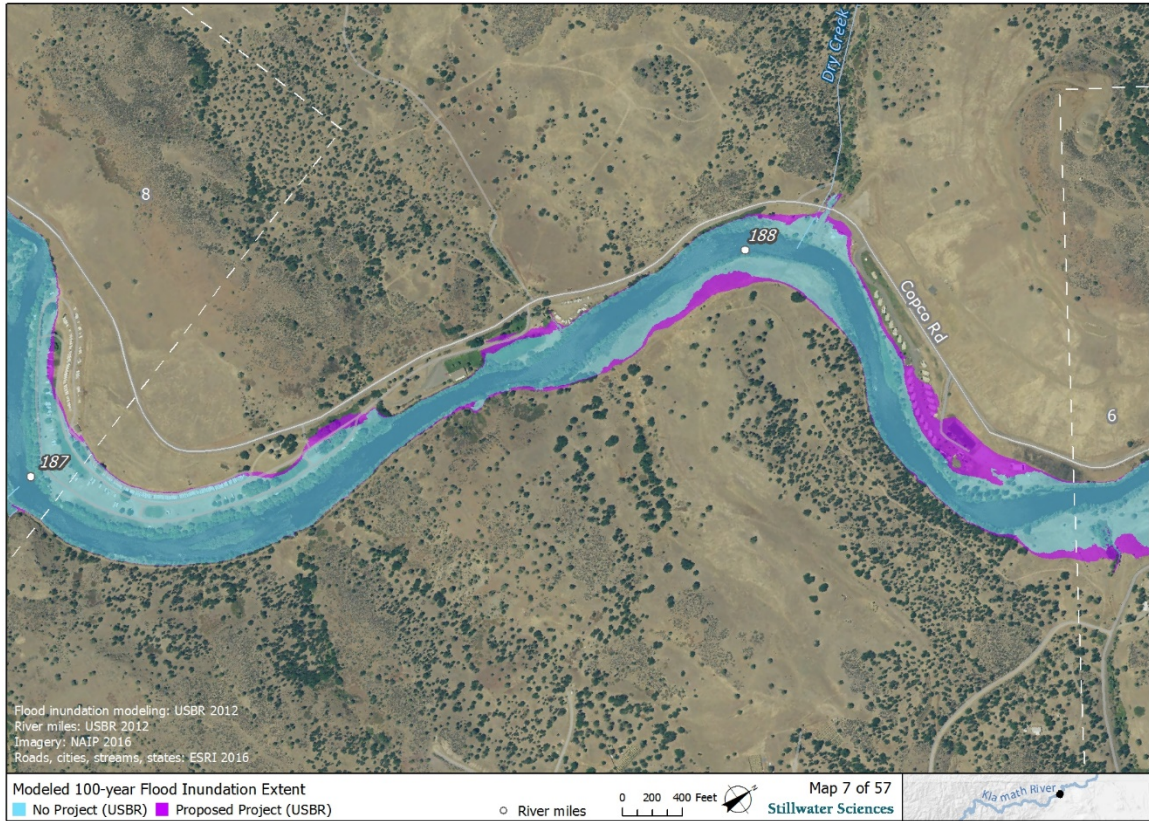
Modeled 100-year Flood Inundation Extent
No Project/Proposed Project (FEMA)
River miles 0 200 400 Feet
Map 1 of 57
Stillwater Sciences

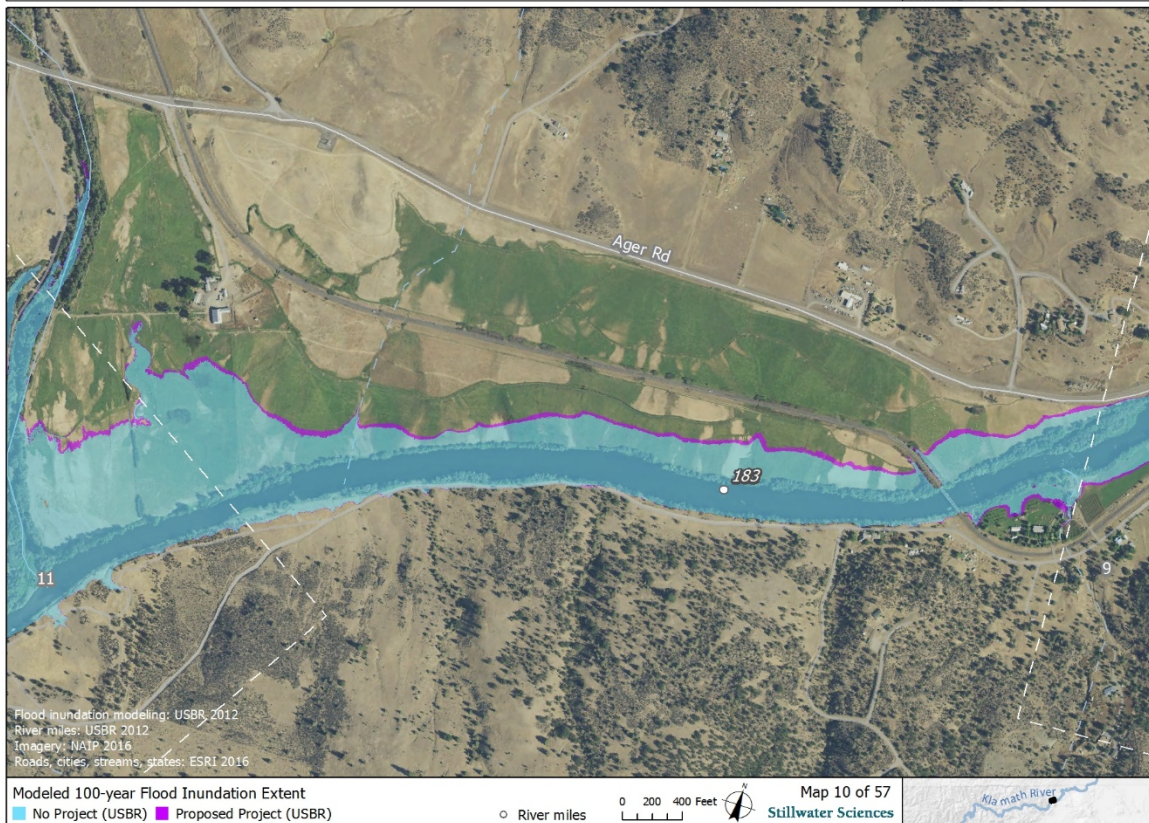
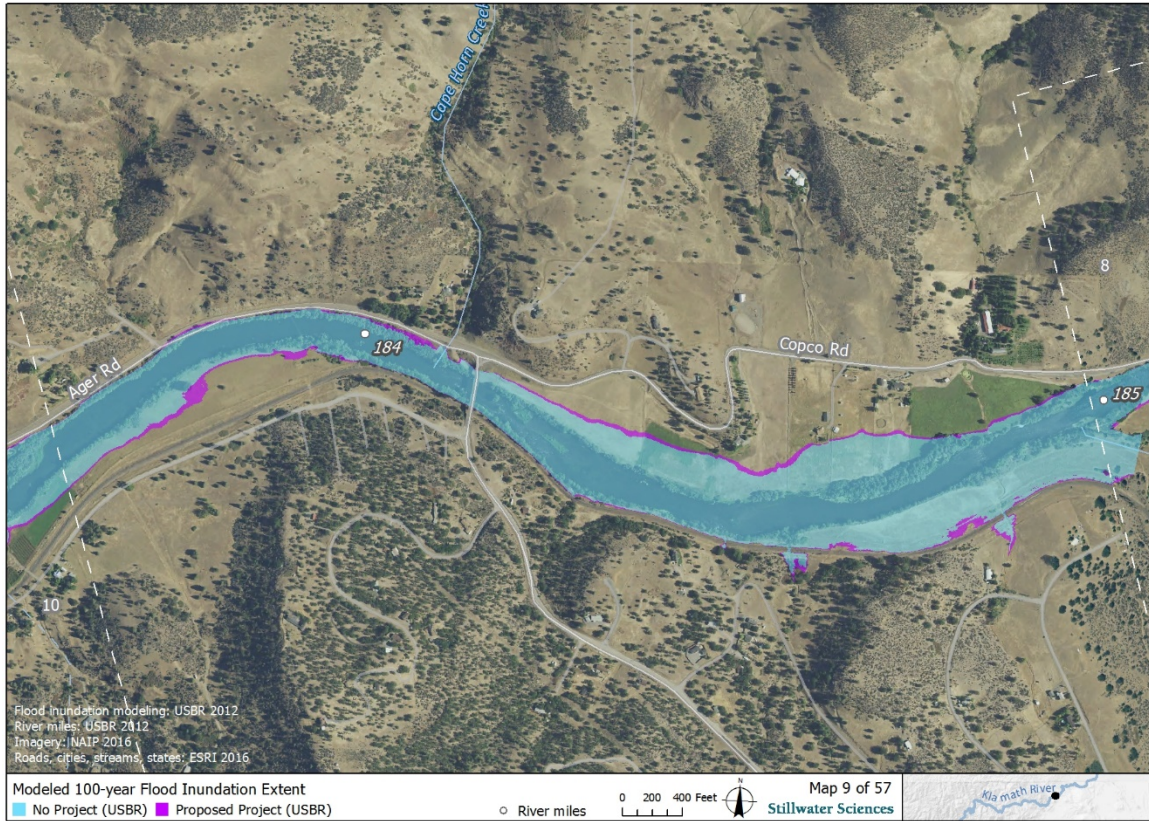


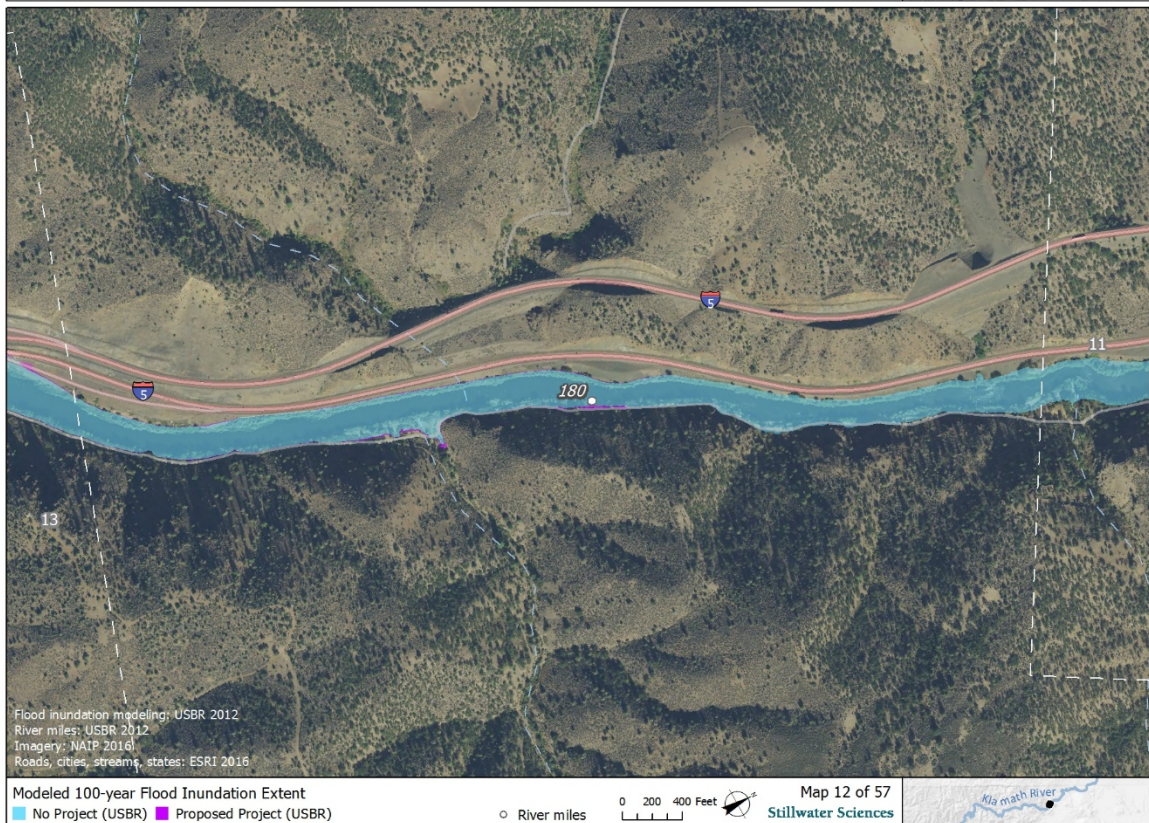
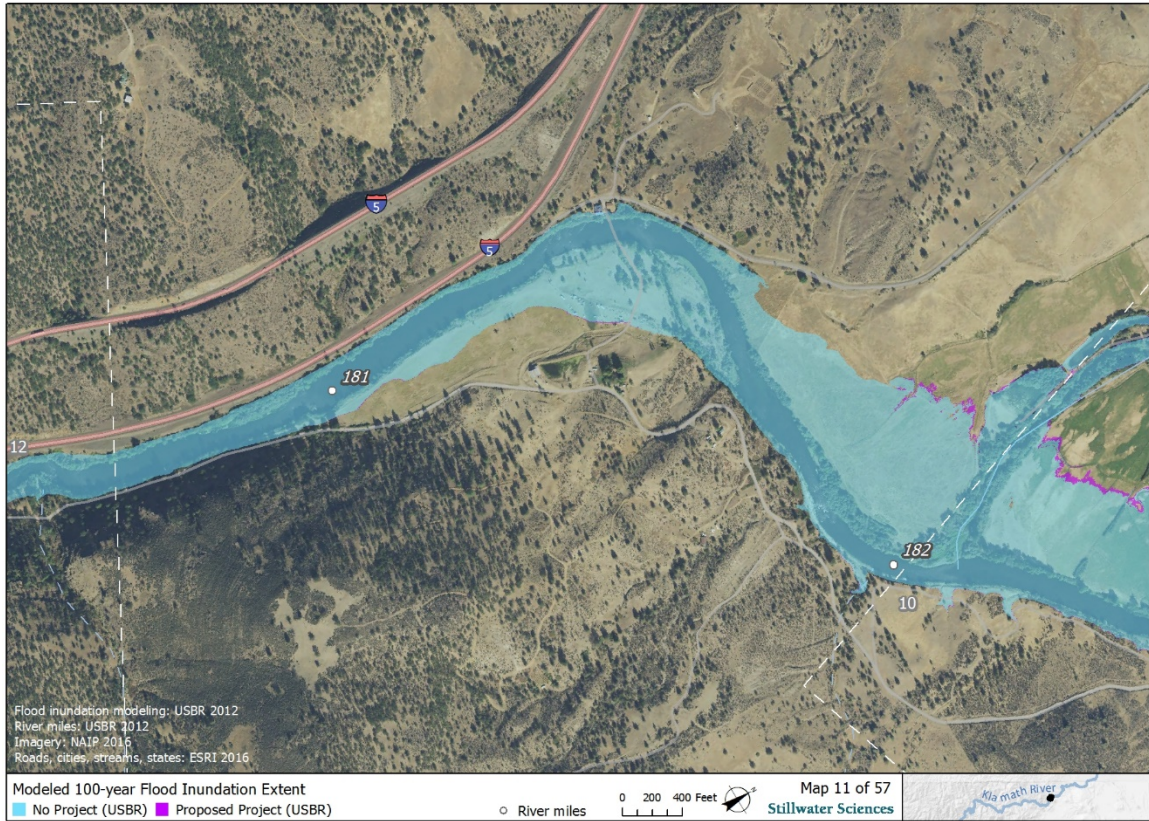
Modeled 100-year Flood Inundation Extent
No Project/Proposed Project (FEMA)
River miles 0 200 400 Feet
Map 2 of 57
Stillwater Sciences

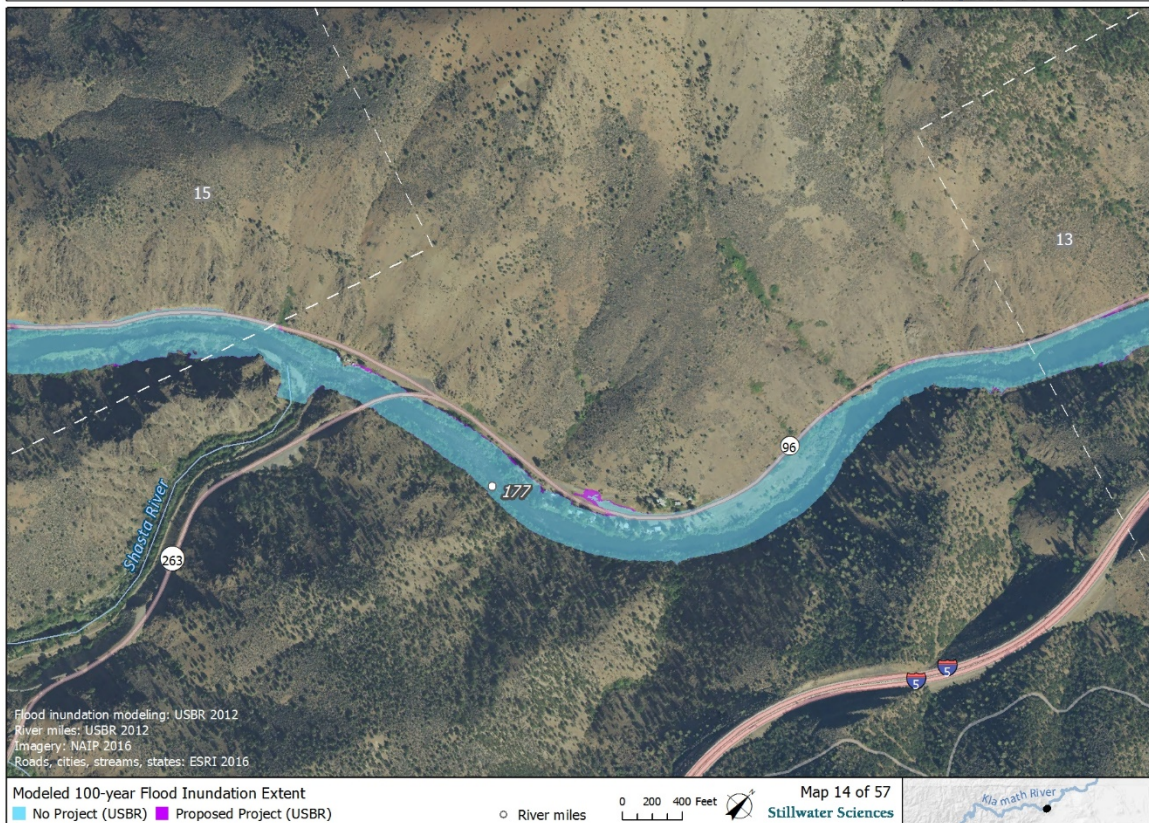
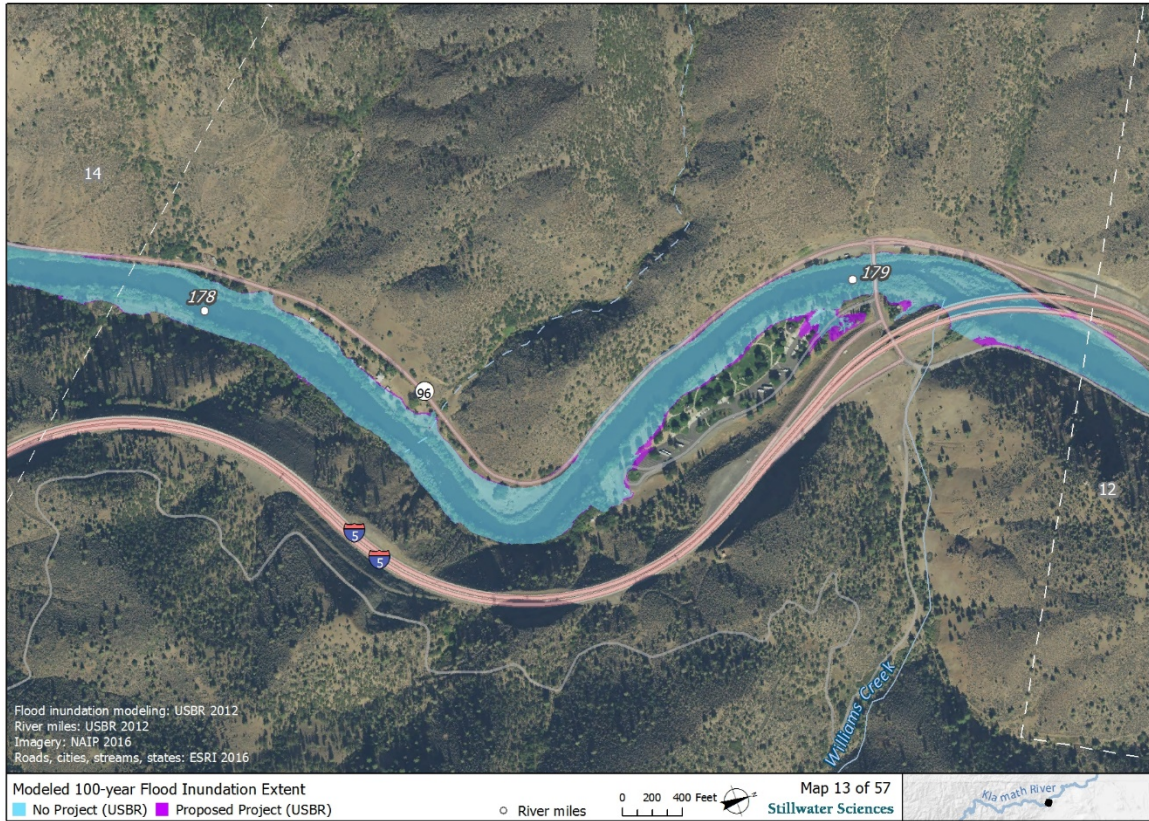


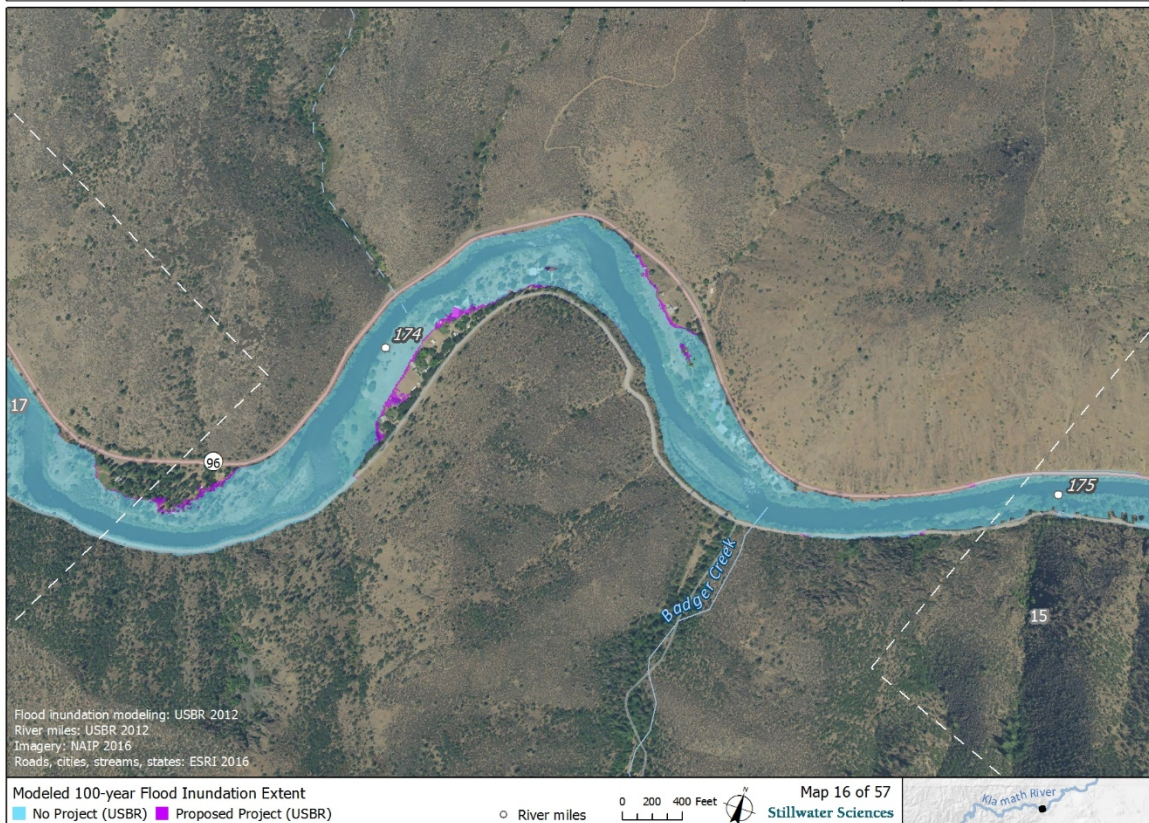


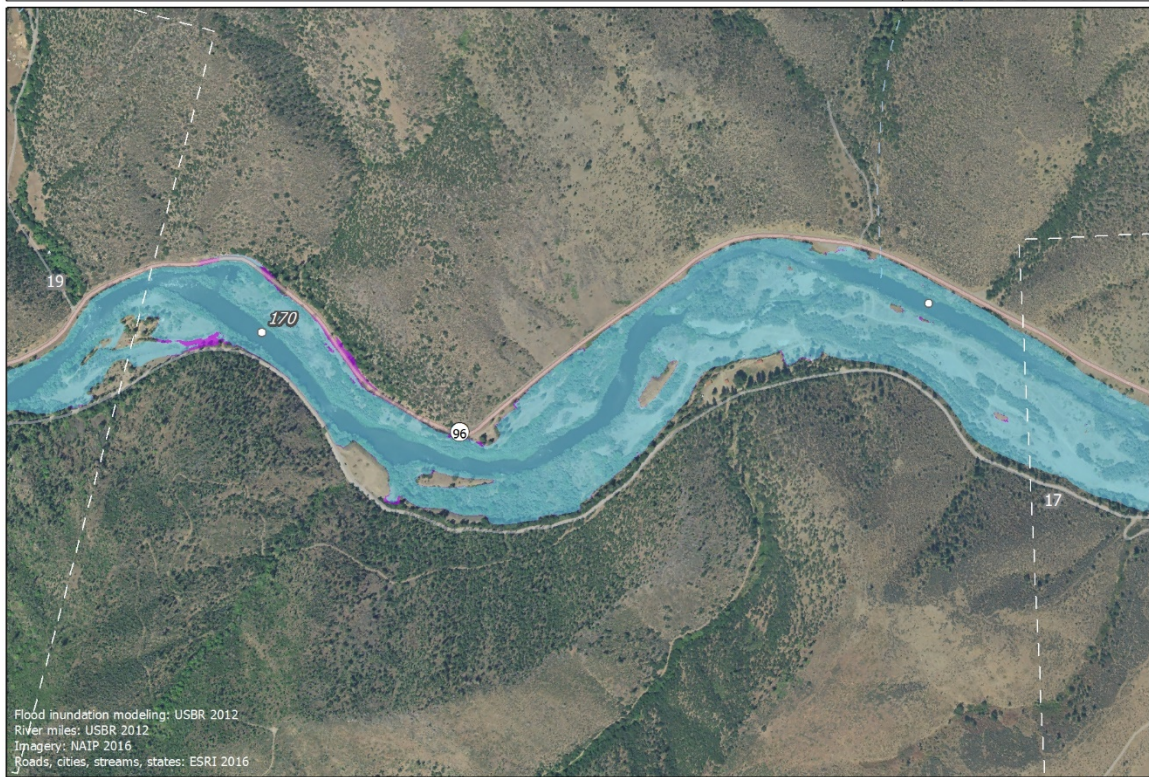


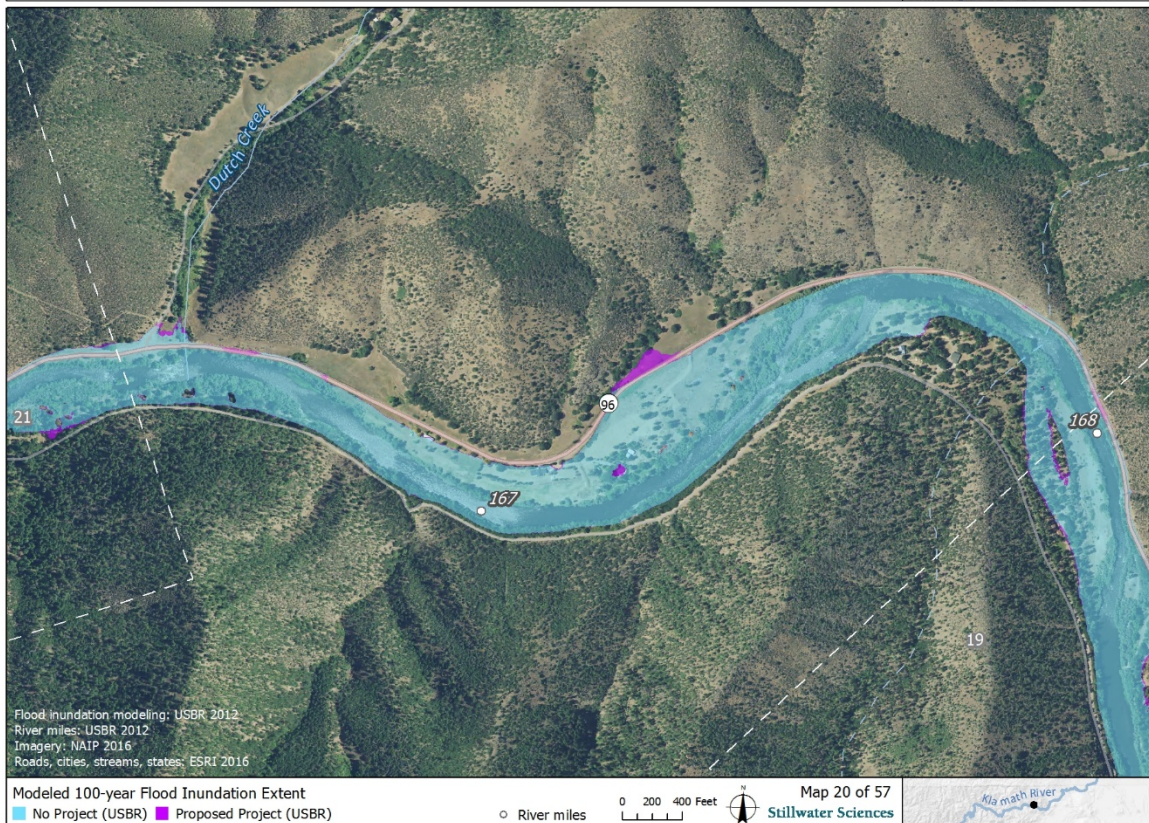
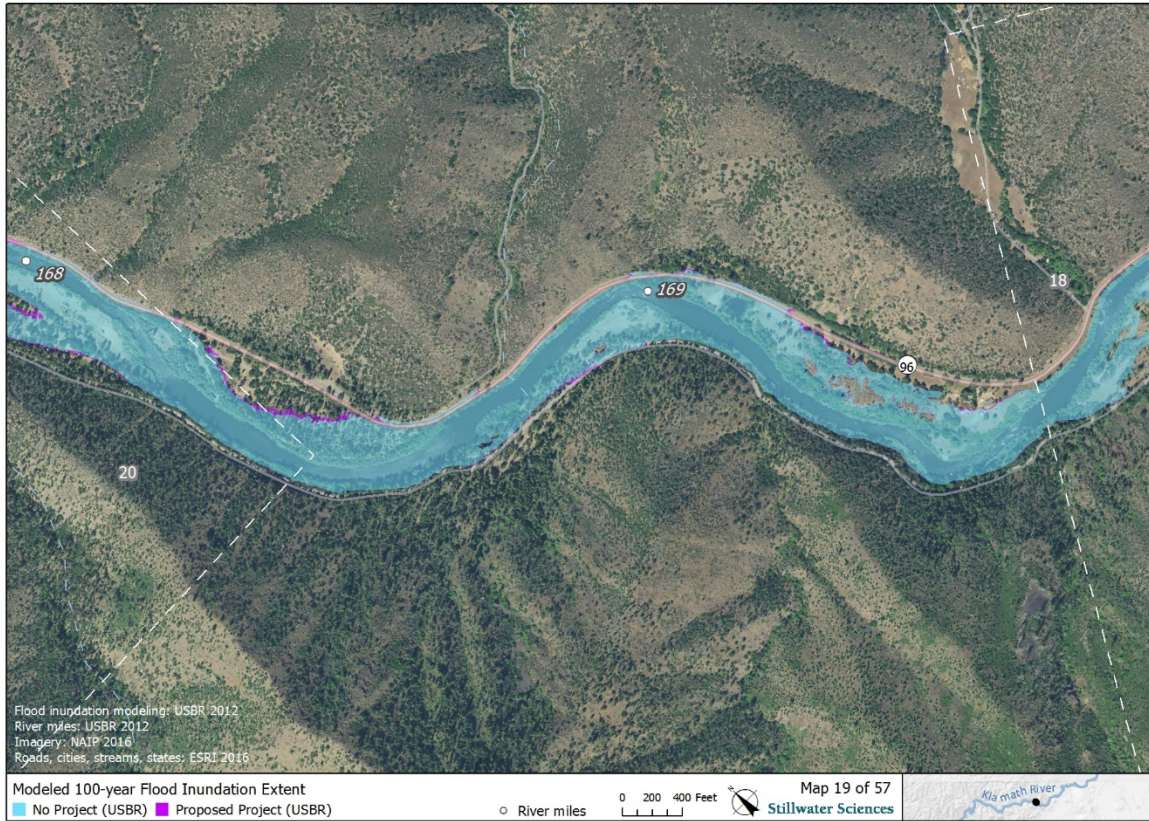




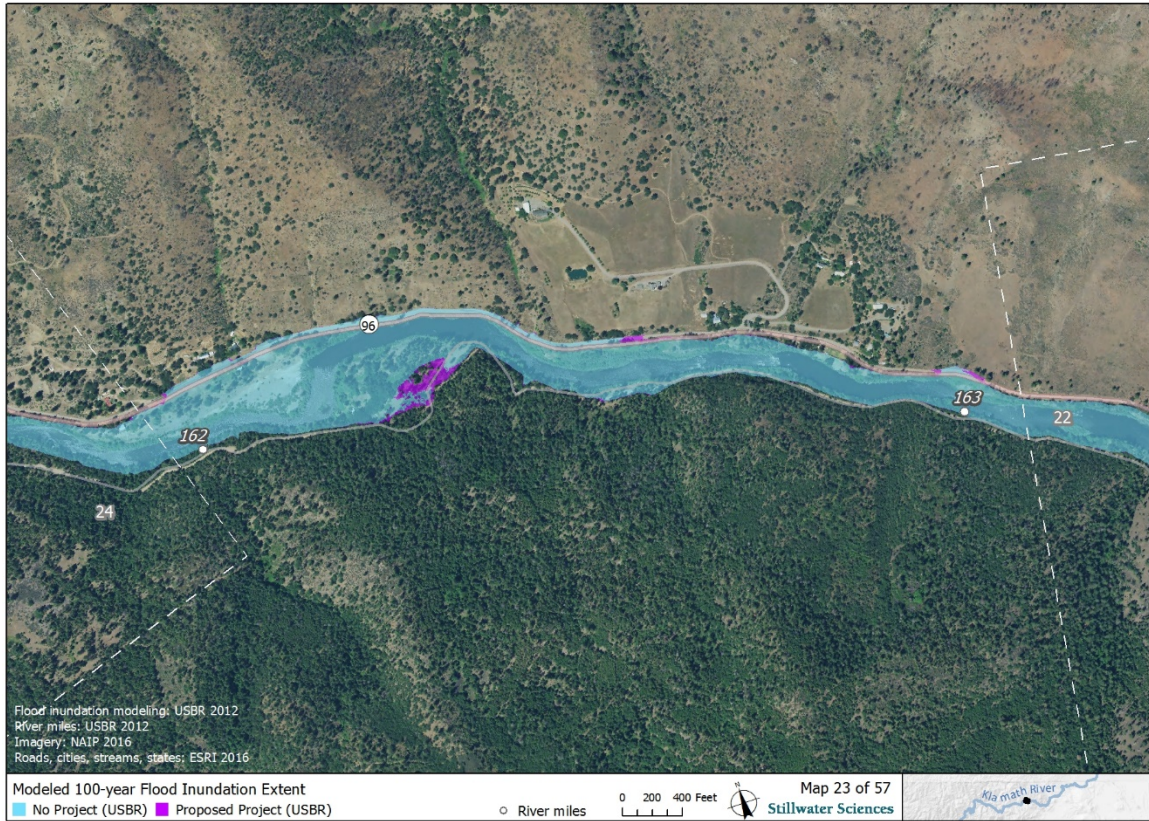






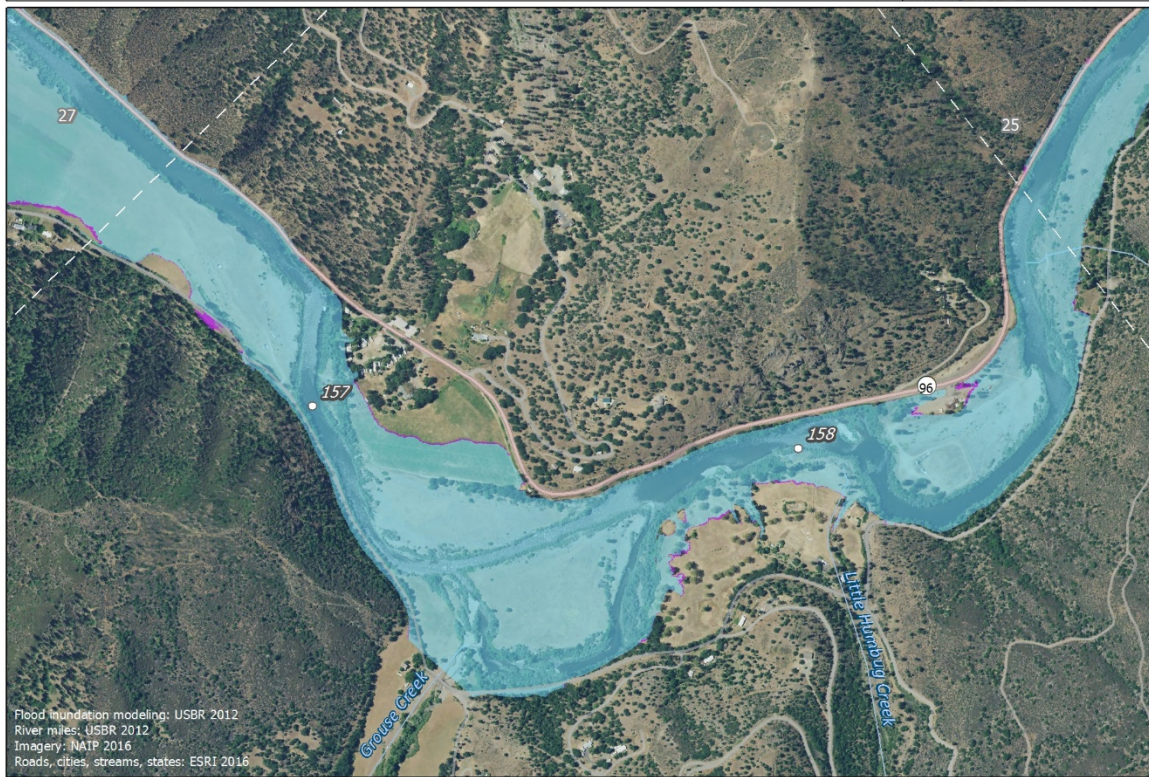




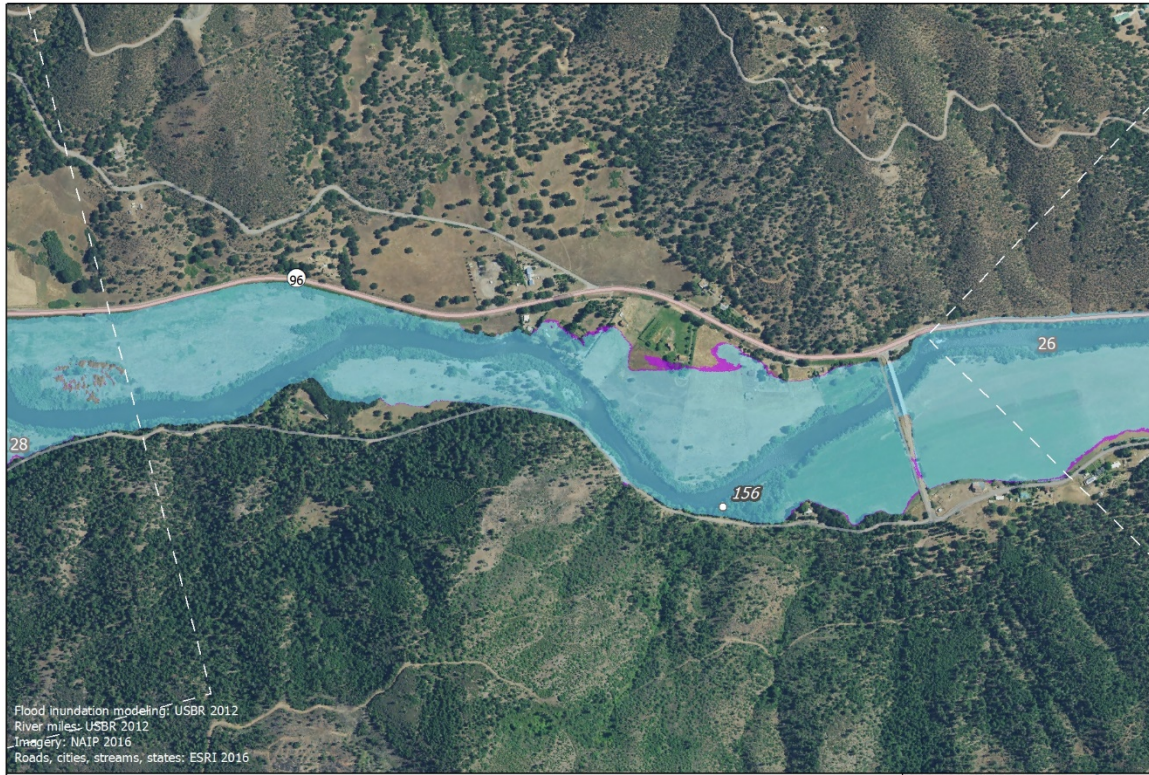




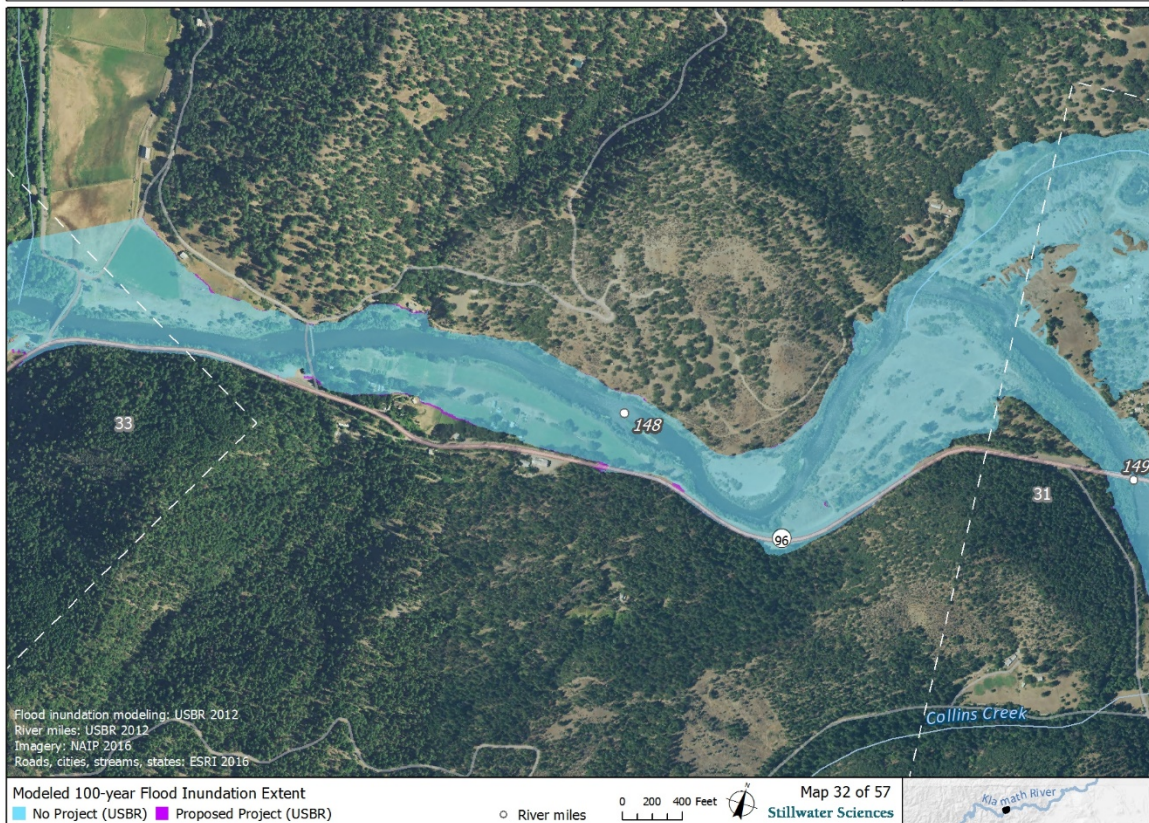
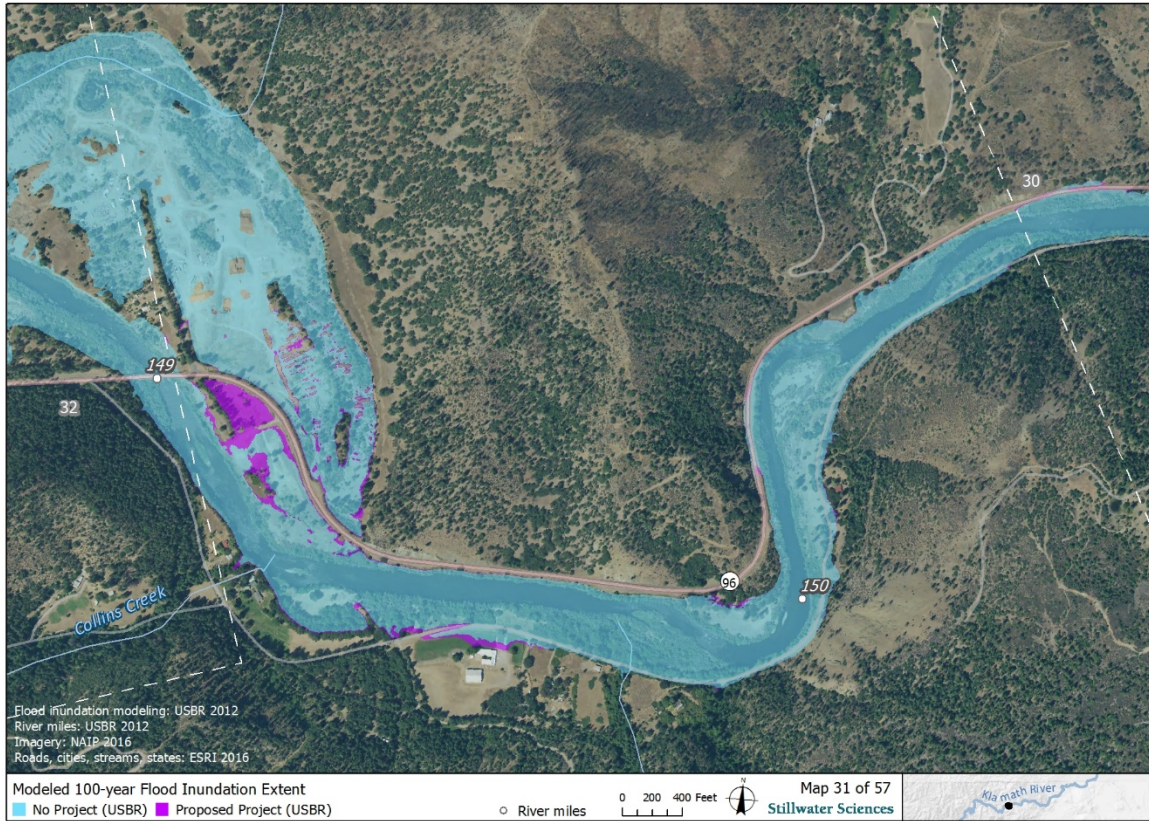
Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet Map 25 of 57
Stillwater Sciences

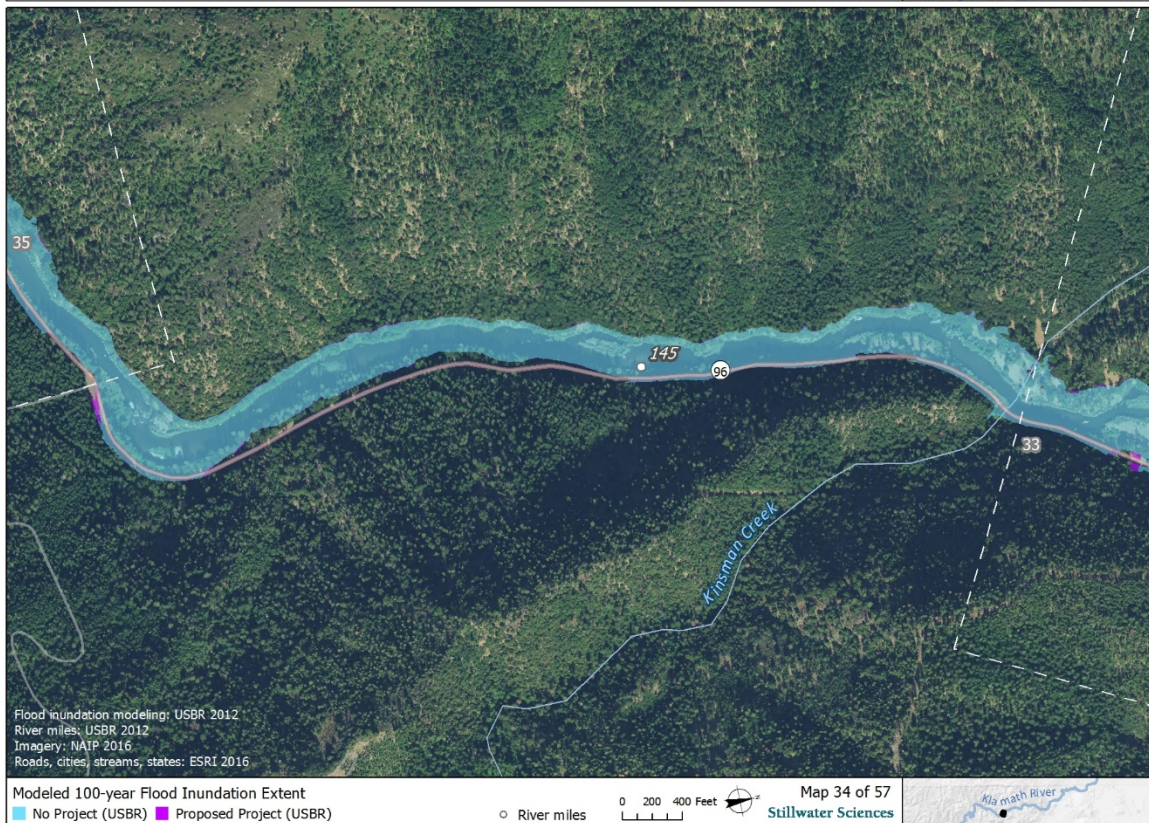
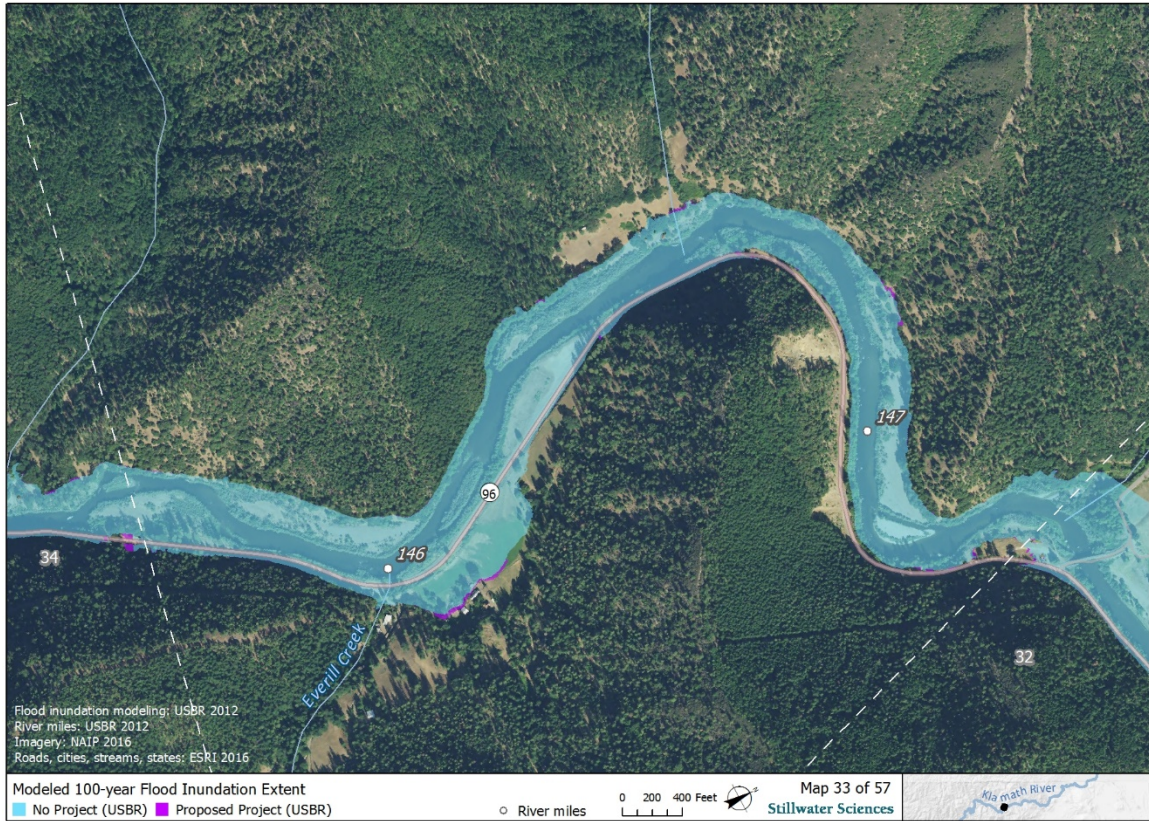


Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet Map 26 of 57
Stillwater Sciences









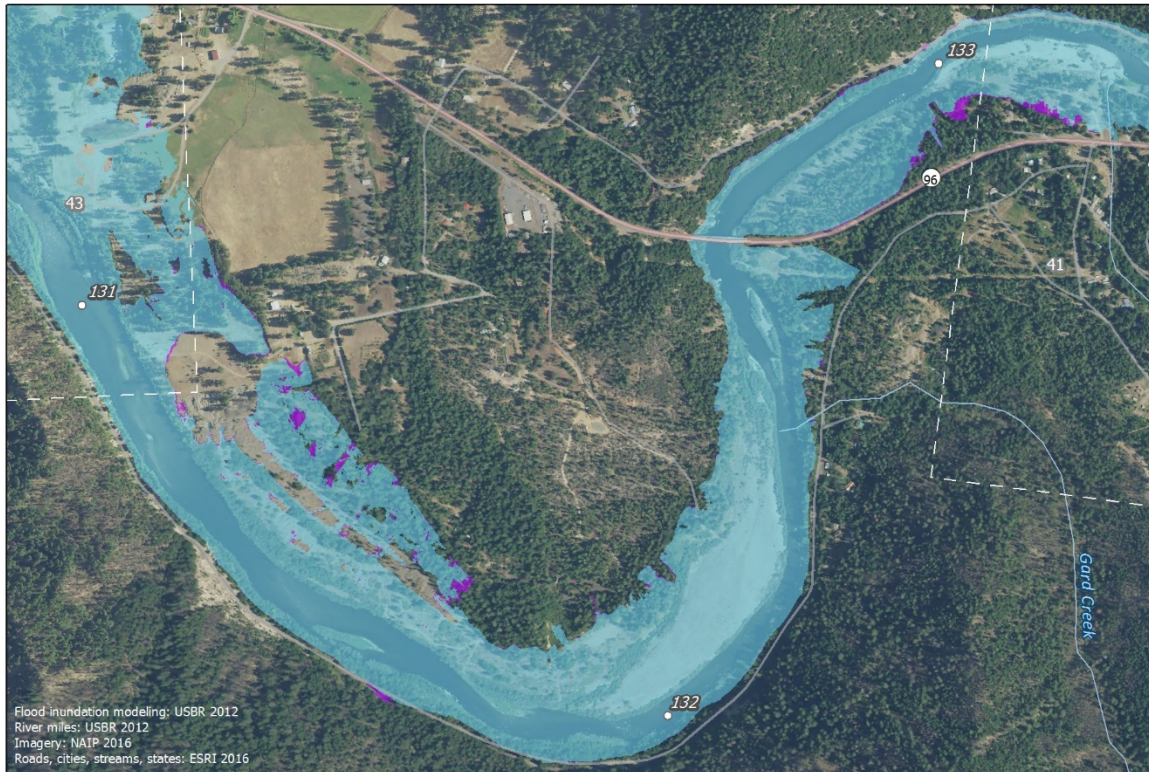




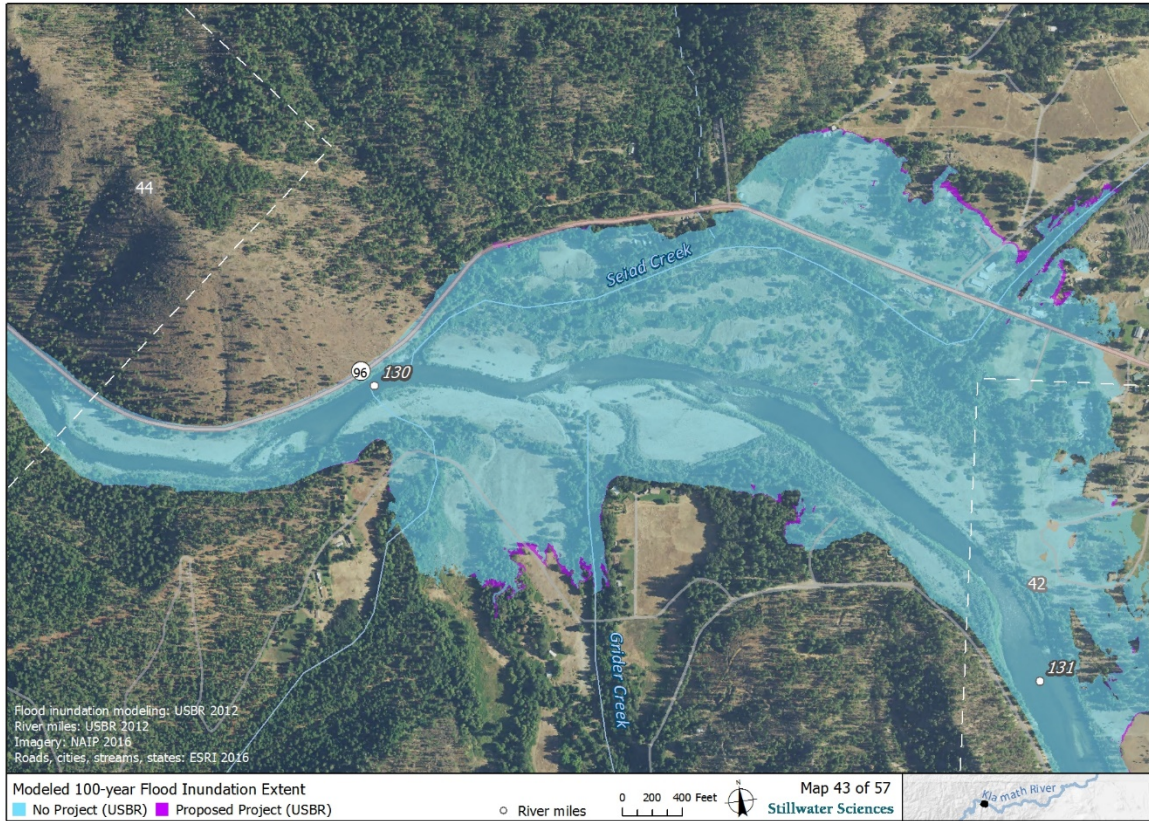


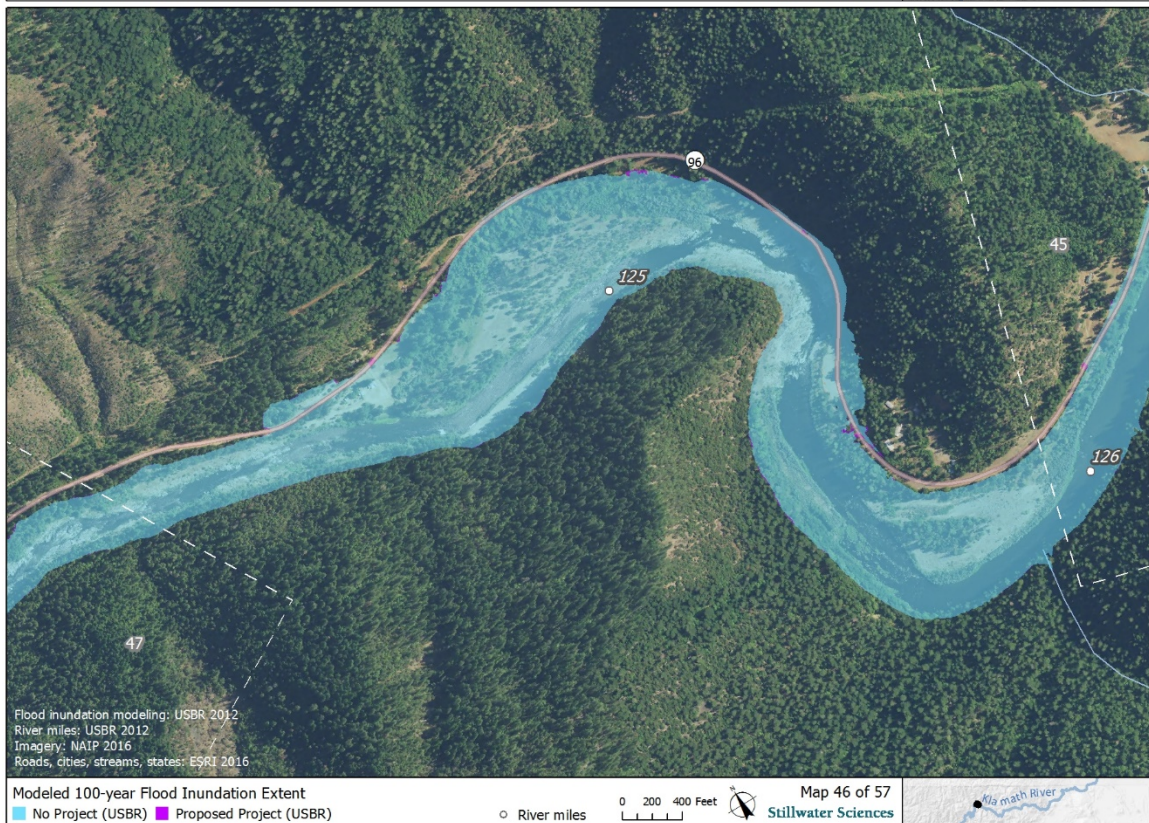


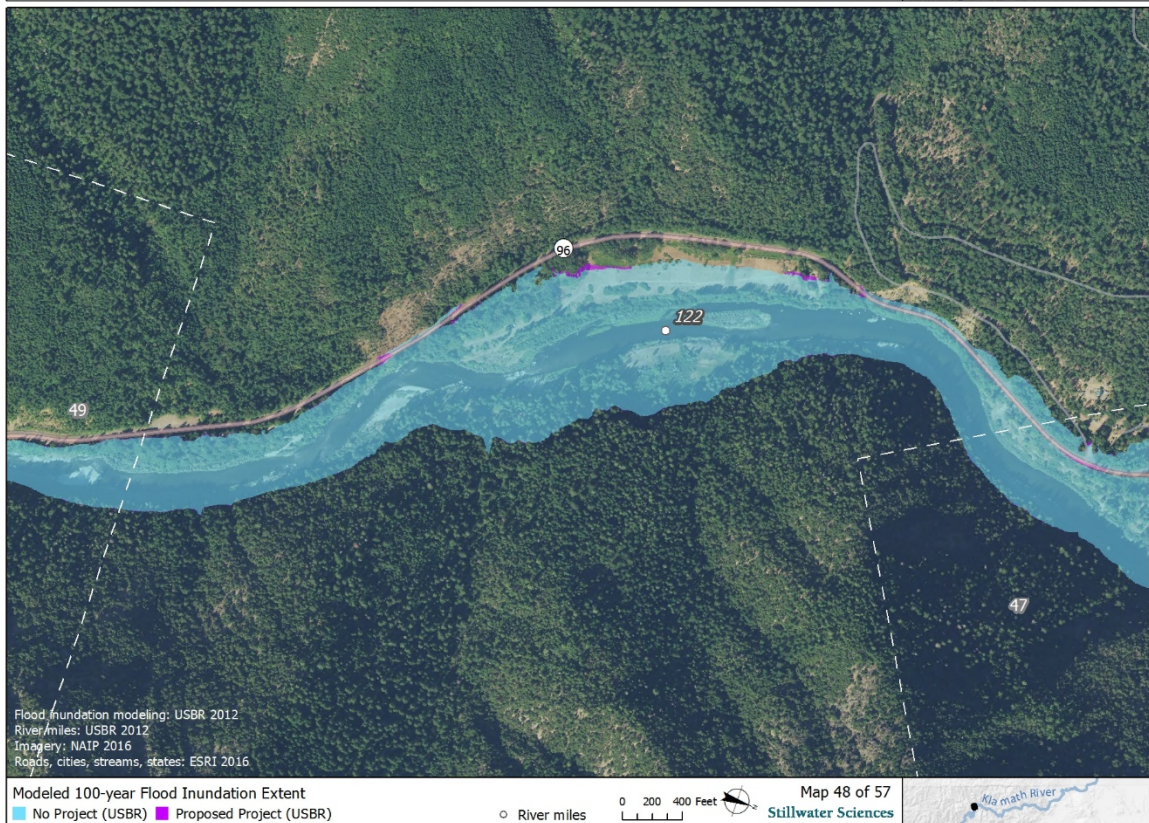
Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 41 of 57
Stillwater Sciences



Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
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Stillwater Sciences









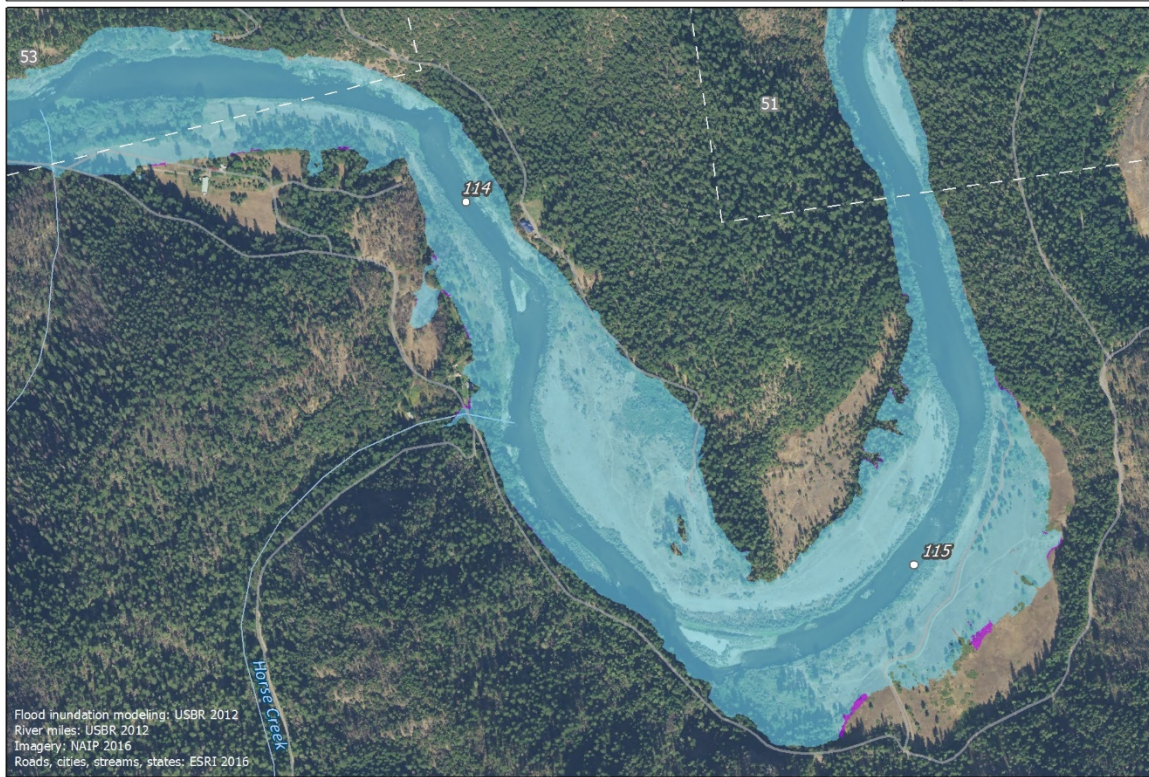
Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 49 of 57
Stillwater Sciences
Klamath River



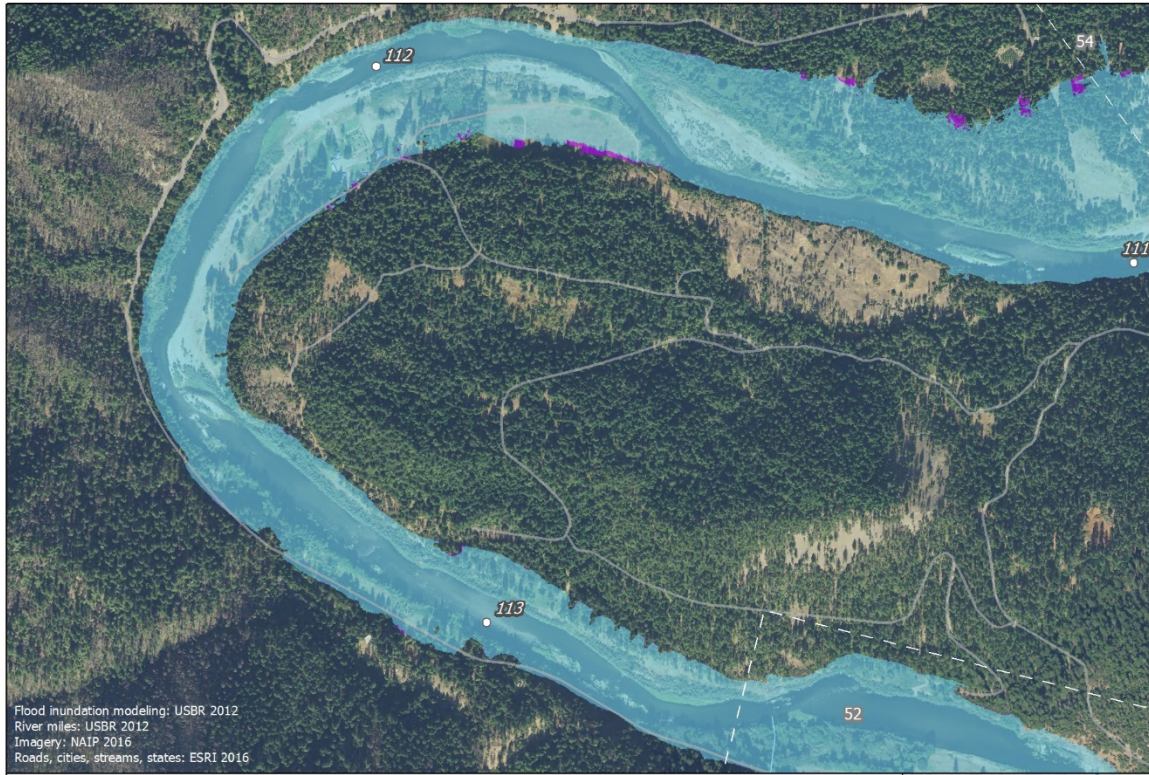
Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 50 of 57
Stillwater Sciences
Klamath River

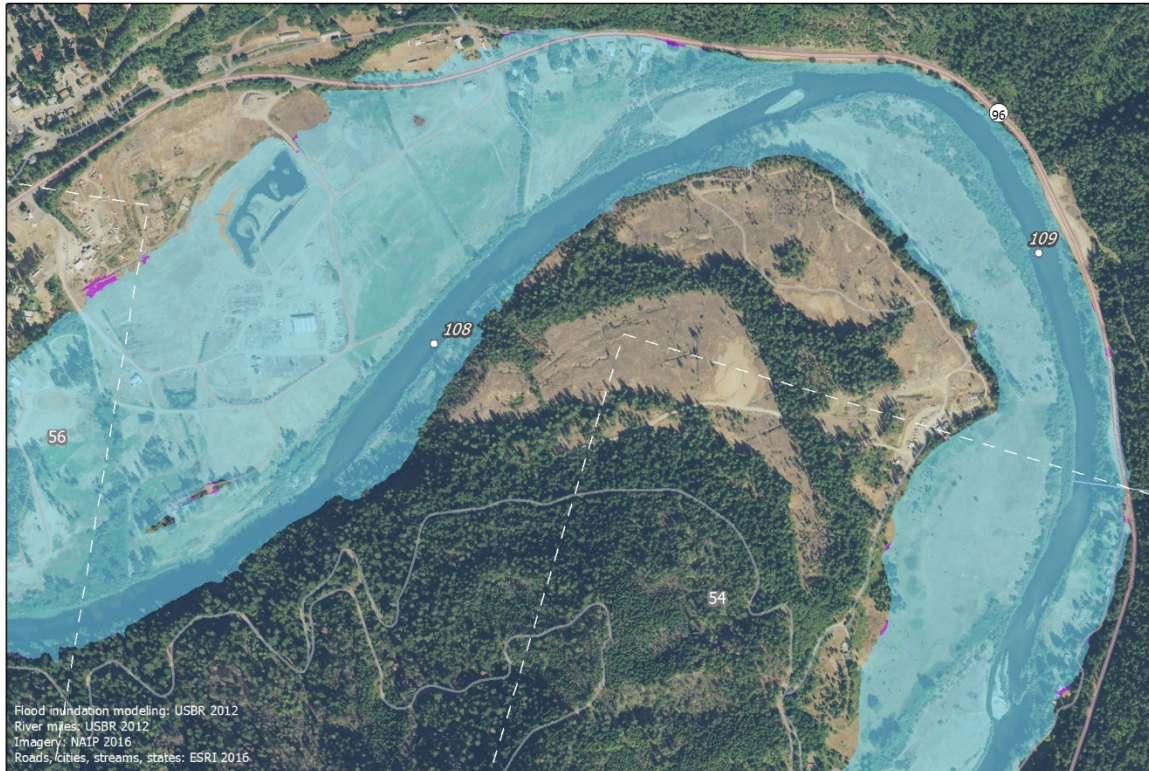


Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 51 of 57
Stillwater Sciences
Klamath River

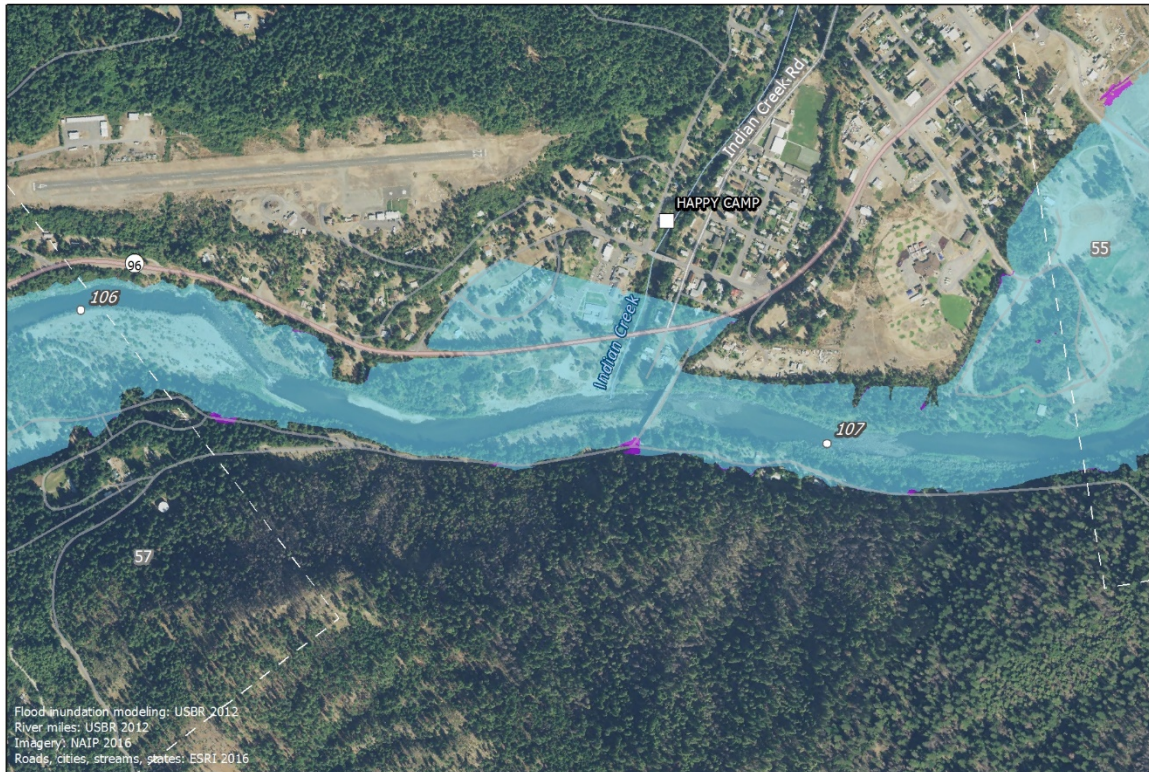


Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 52 of 57
Stillwater Sciences
Klamath River





Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 55 of 57
Stillwater Sciences
Klamath River



Modeled 100-year Flood Inundation Extent
No Project (USBR) Proposed Project (USBR)
River miles 0 200 400 Feet
Map 56 of 57
Stillwater Sciences
Klamath River

