

Figure 1. Assessment area.

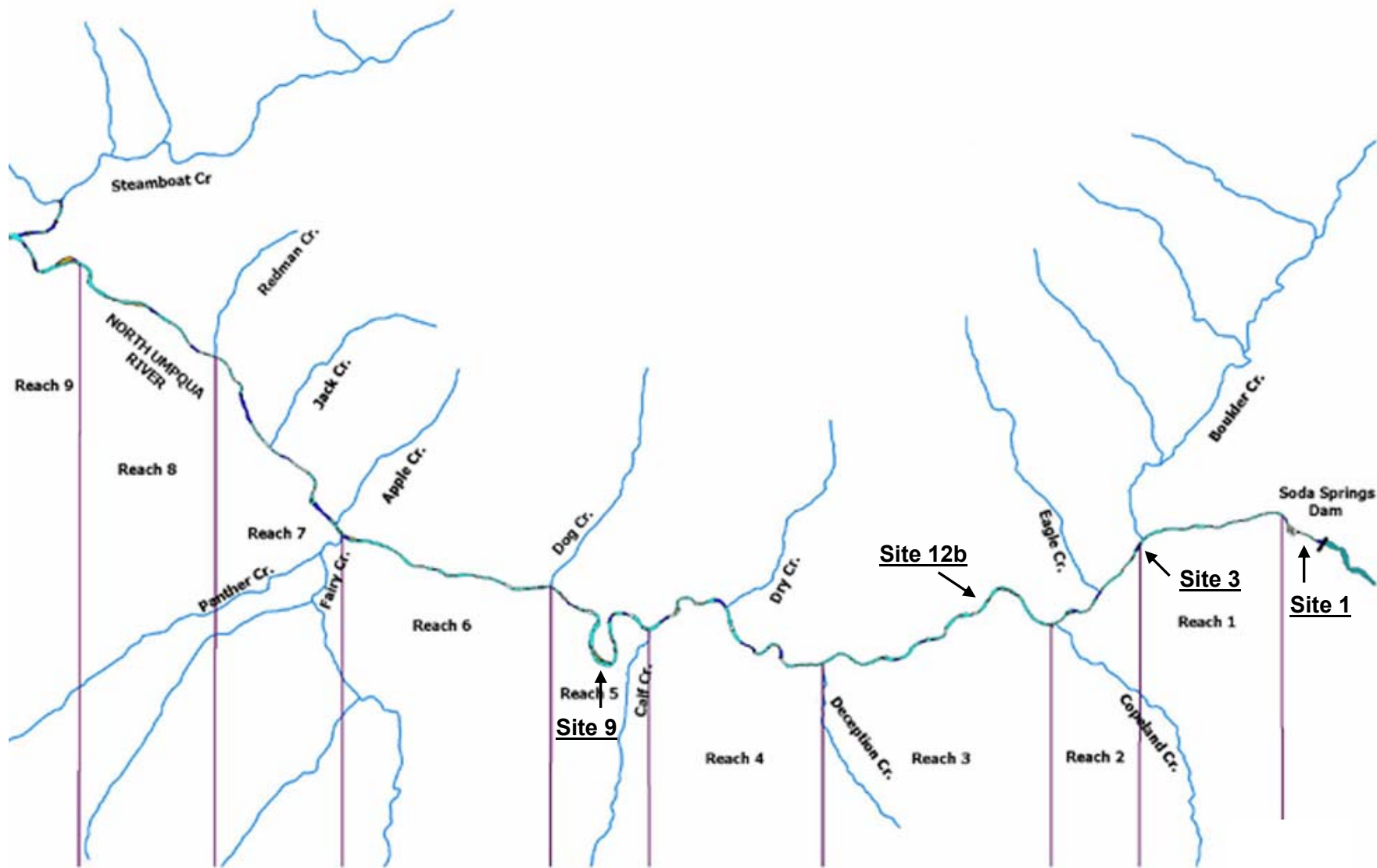
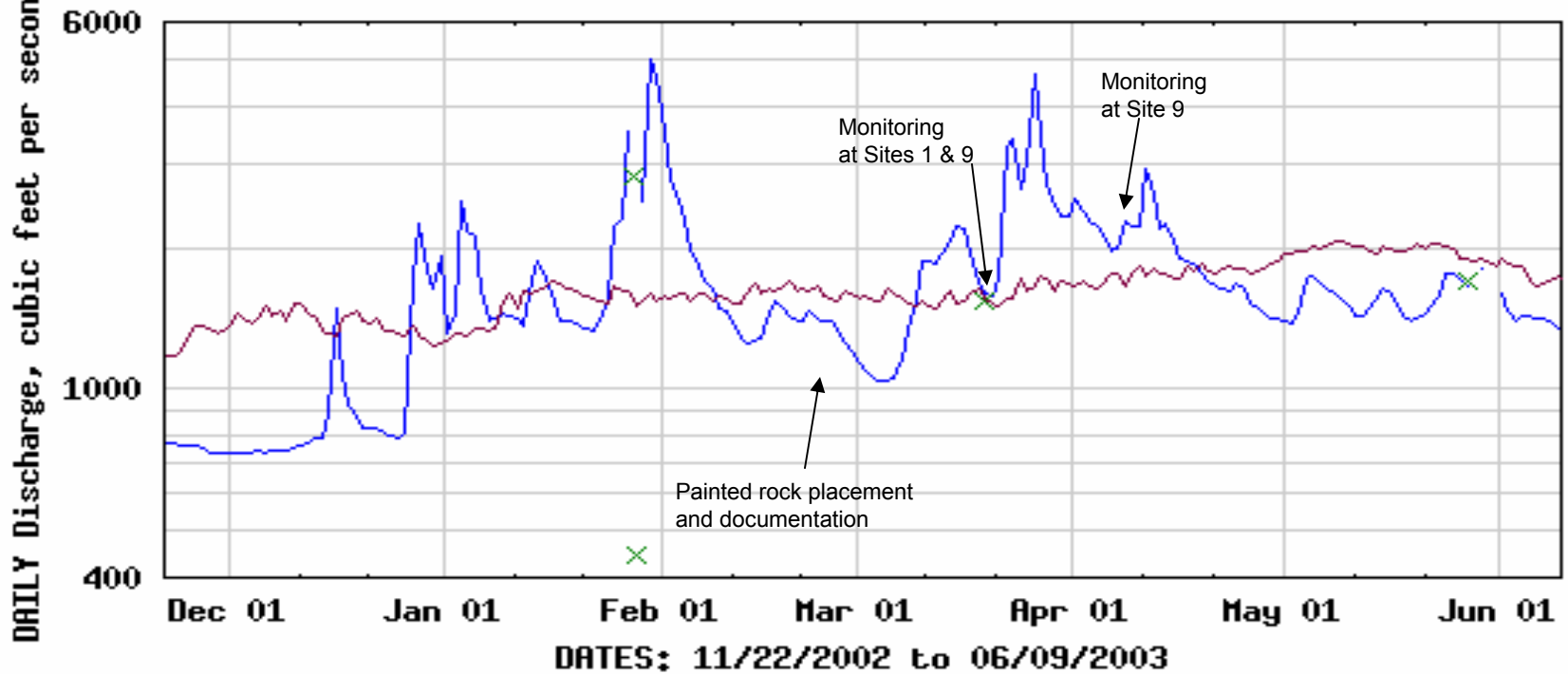


Figure 2. Four priority enhancement sites identified by the Technical Work Group.

USGS 14316500 N LMPQUA RIVER ABV COPELAND CK NR TOKETEE FALLS, OR



EXPLANATION

— **DAILY MEAN DISCHARGE**

— **MEDIAN DAILY STREAMFLOW BASED ON 52 YEARS OF RECORD**

× **MEASURED Discharge**

Provisional Data Subject to Revision

Figure 3. USGS hydrograph of daily mean discharge at the Copeland gage, indicating when painted rocks at Sites 1 and 9 were placed and monitored.



26 February 2003, installation of painted rocks



7 April 2003, monitoring of painted rocks

Figure 4. Site 1a from photo point 1 during winter and spring 2003.



26 February 2003, installation of painted rocks



7 April 2003, monitoring of painted rocks

Figure 5. Site 1a from photo point 4 during winter and spring 2003.

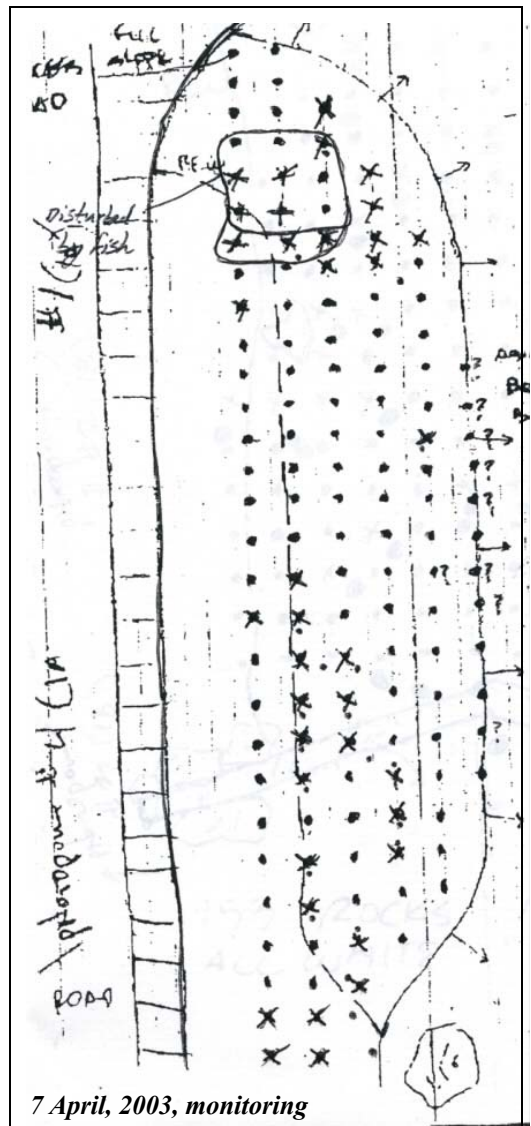
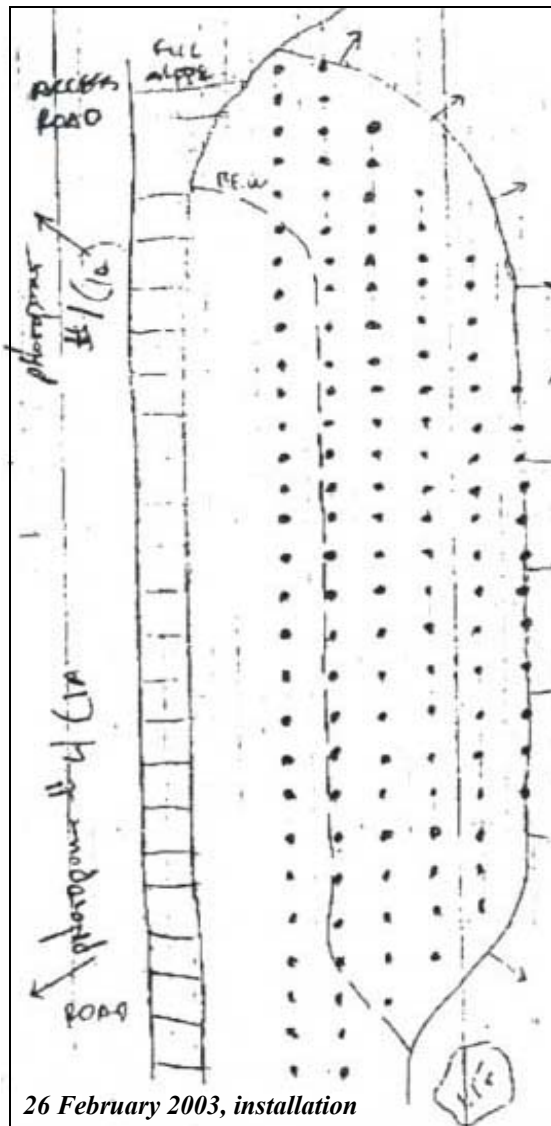


Figure 6. Site sketches of site 1a during installation and monitoring.



26 February 2003, installation of painted rocks



7 April 2003, monitoring of painted rocks

Figure 7. Site 1b from photo point 2 during winter and spring 2003.

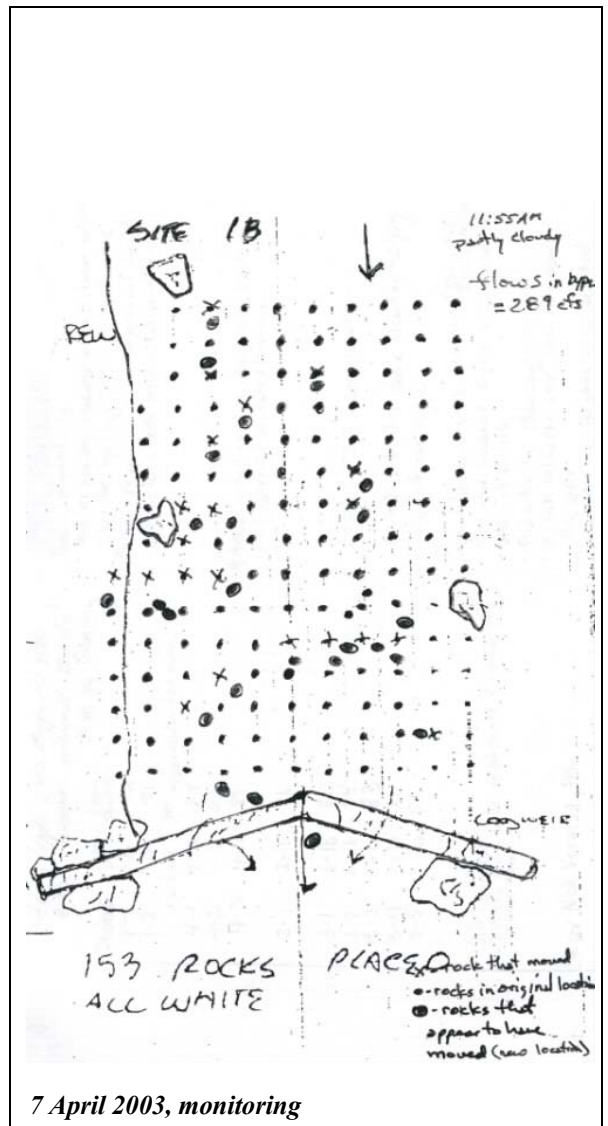
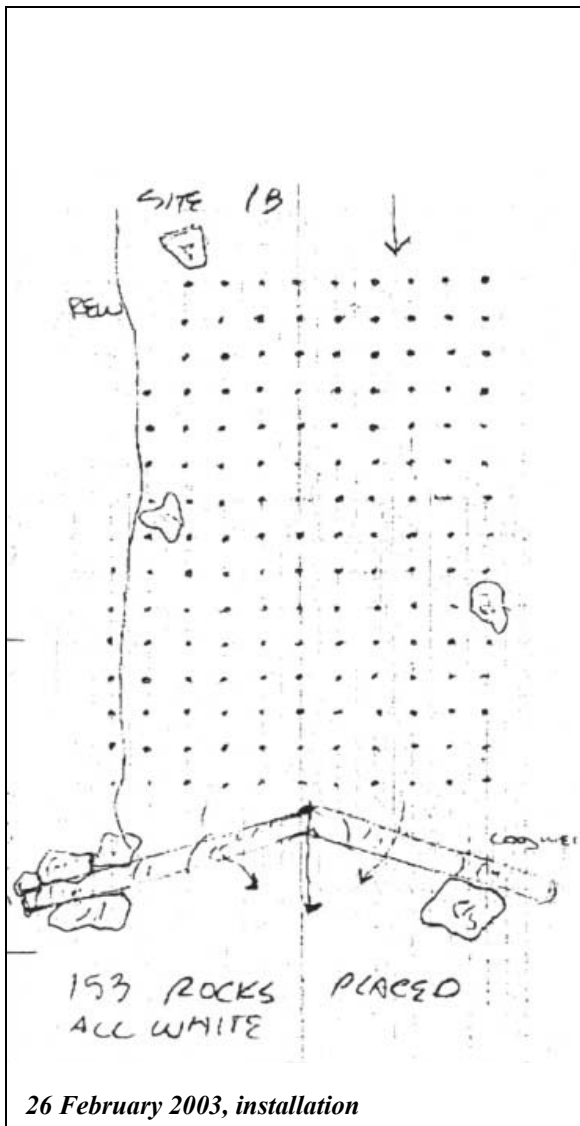


Figure 8. Site sketches of site 1b during installation and monitoring



*26 February 2003
installation of painted rocks*



*20 March 2003
monitoring of painted rocks*



*7 April 2003
monitoring of painted rocks*

Figure 9. Site 9 from photo point 1 during winter and spring 2003.



*26 February 2003
installation of painted rocks*



*20 March 2003
monitoring of painted rocks*



*7 April 2003
monitoring of painted rocks*

Figure 10. Site 9 from photo point 5 during winter and spring 2003.



*26 February 2003
installation of painted rocks*



*20 March 2003
monitoring of painted rocks*



*7 April 2003
monitoring of painted rocks*

Figure 11. Site 9 from photo point 4 during winter and spring 2003.

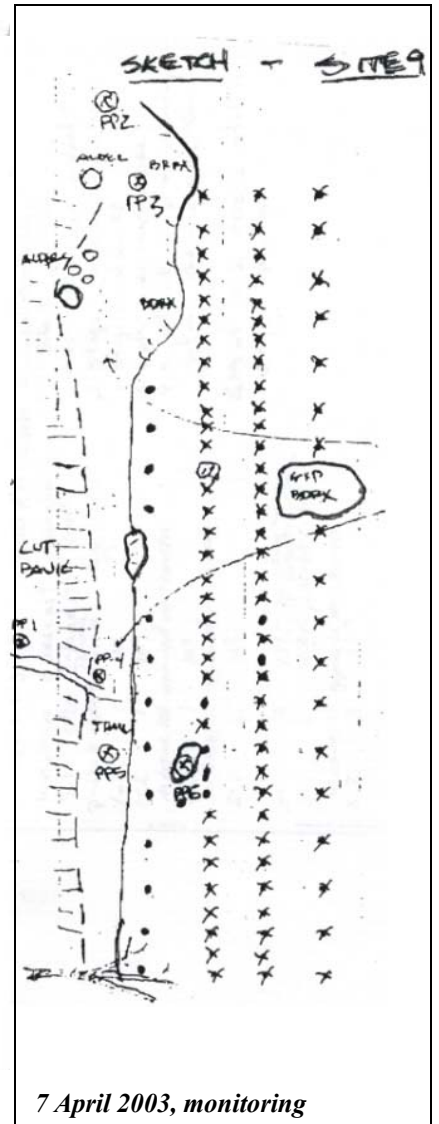
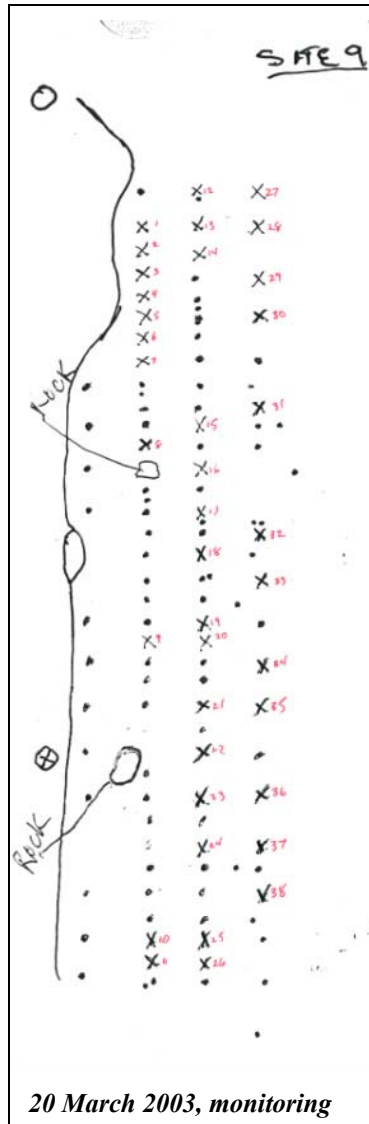
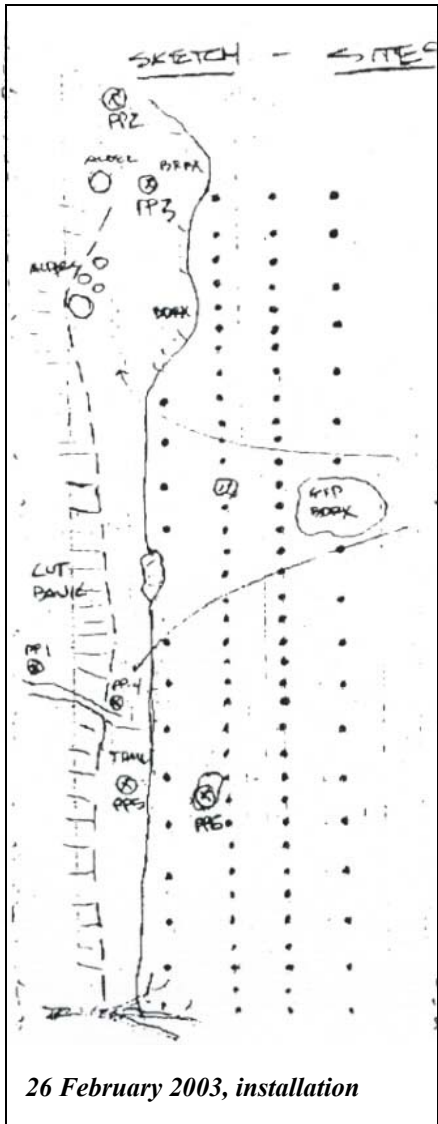
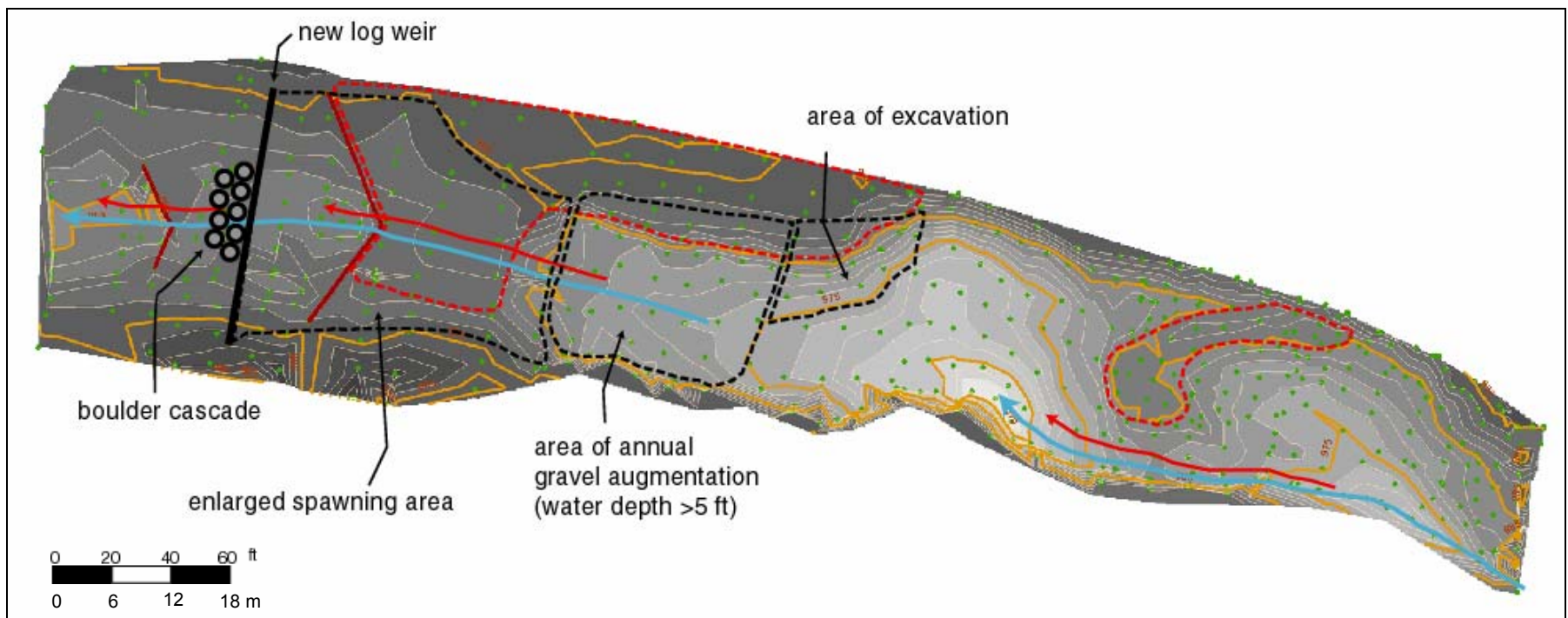
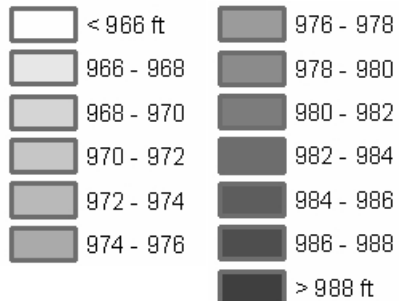


Figure 12. Site sketches of site 9 during installation and monitoring.



Relative surface elevation



- █ Log weir
- █ 5-ft contours
- █ 1-ft contours
- Survey points

- ← existing primary flow path
- ← existing bedload transport path
- existing gravel patch
- boulder enhancement

Figure 13. Site 1 existing conditions and proposed conceptual design.

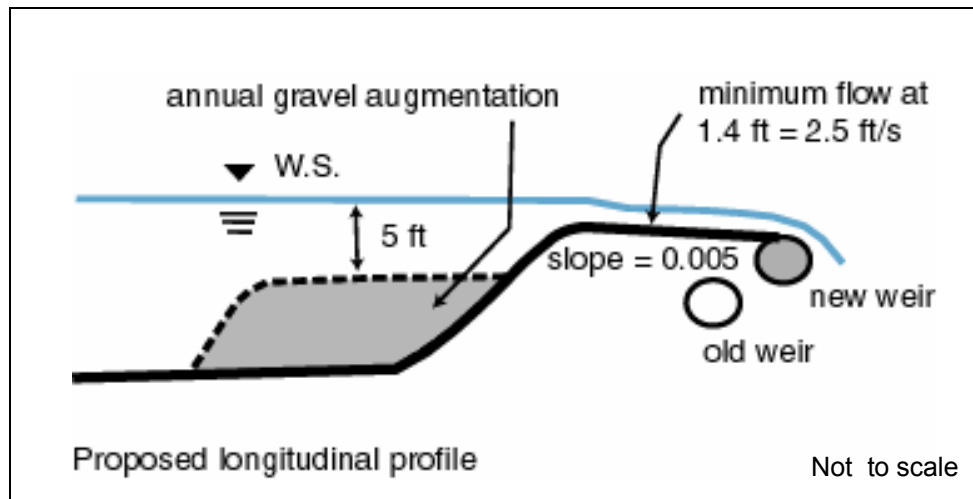
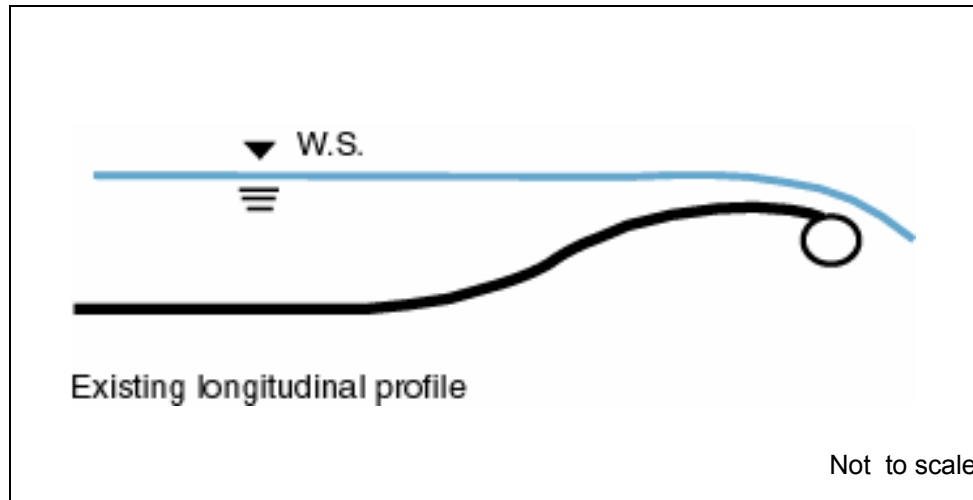
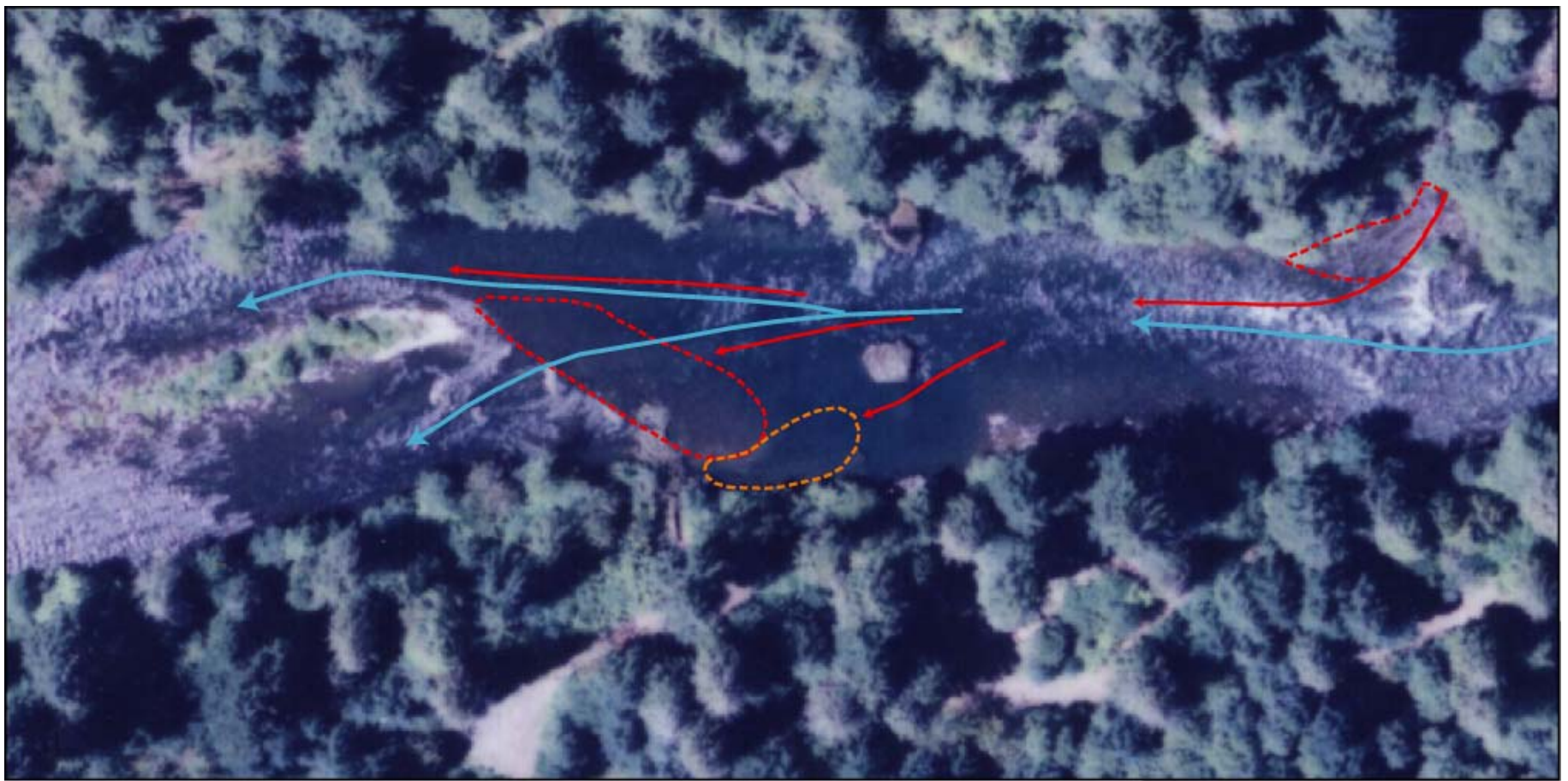
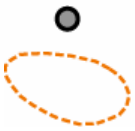


Figure 14. Schematic of Site 1 existing and proposed longitudinal profile.



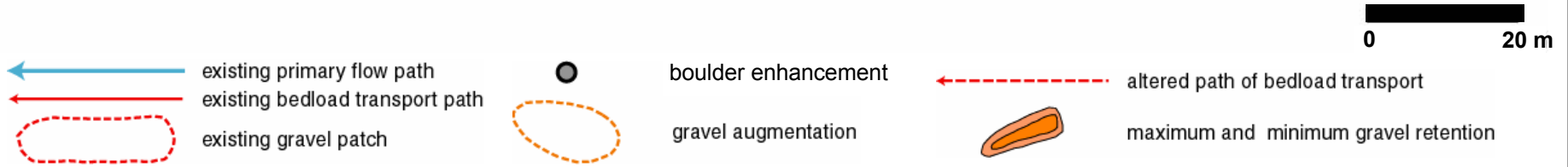
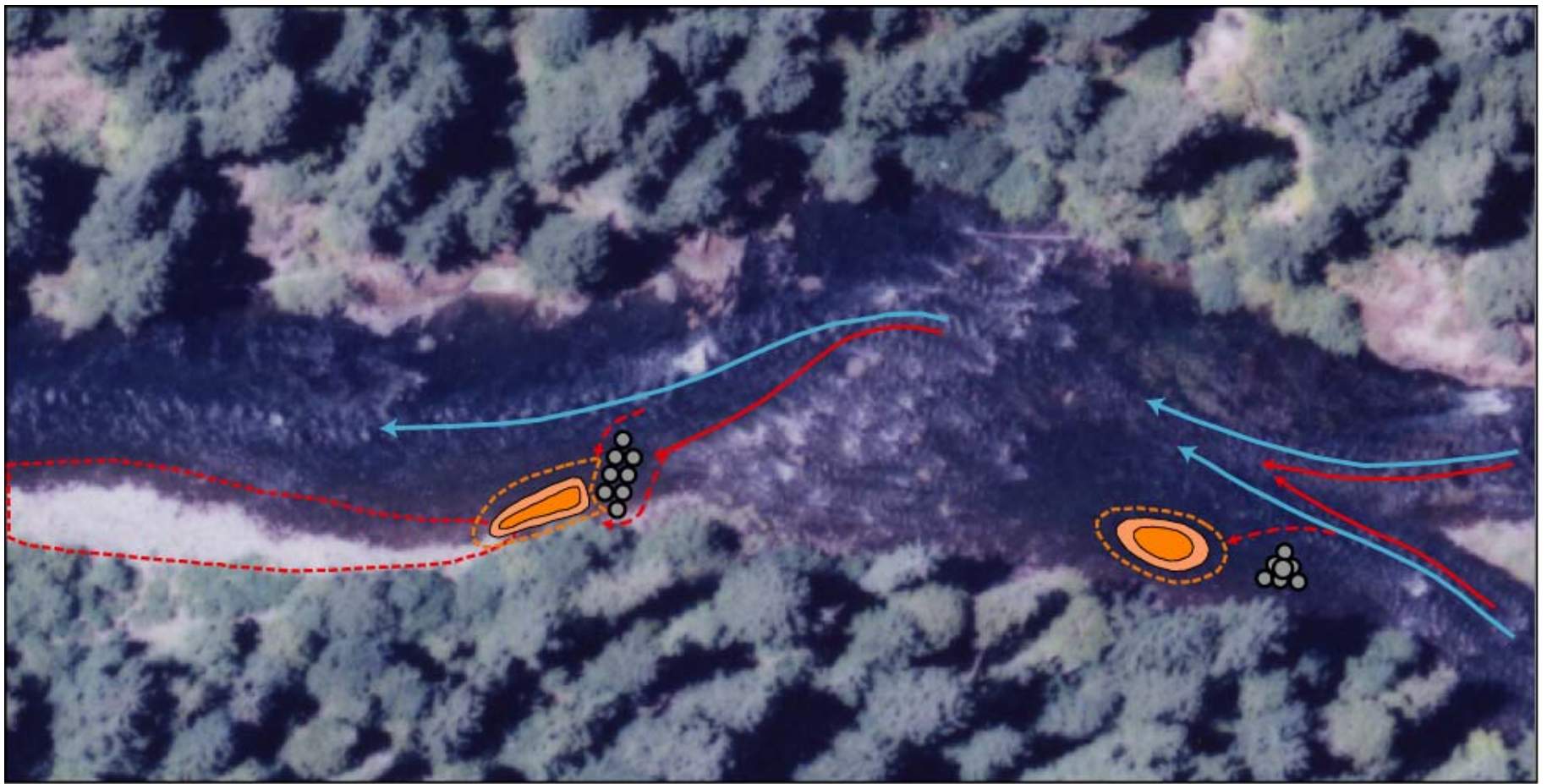
existing primary flow path
existing bedload transport path
existing gravel patch



boulder enhancement
gravel augmentation



Figure 15. Site 3 existing conditions and proposed conceptual design.



0 20 m

Figure 16. Site 12b existing conditions and proposed conceptual design.

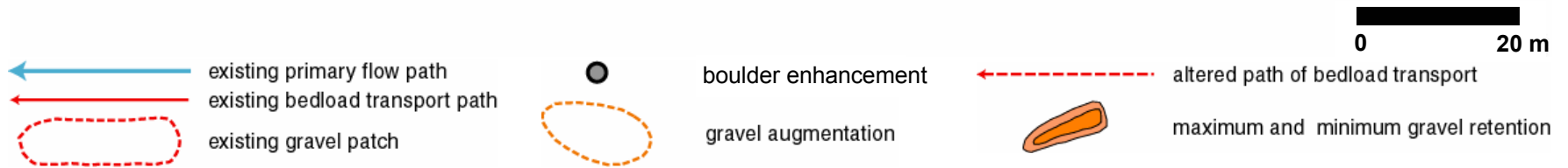
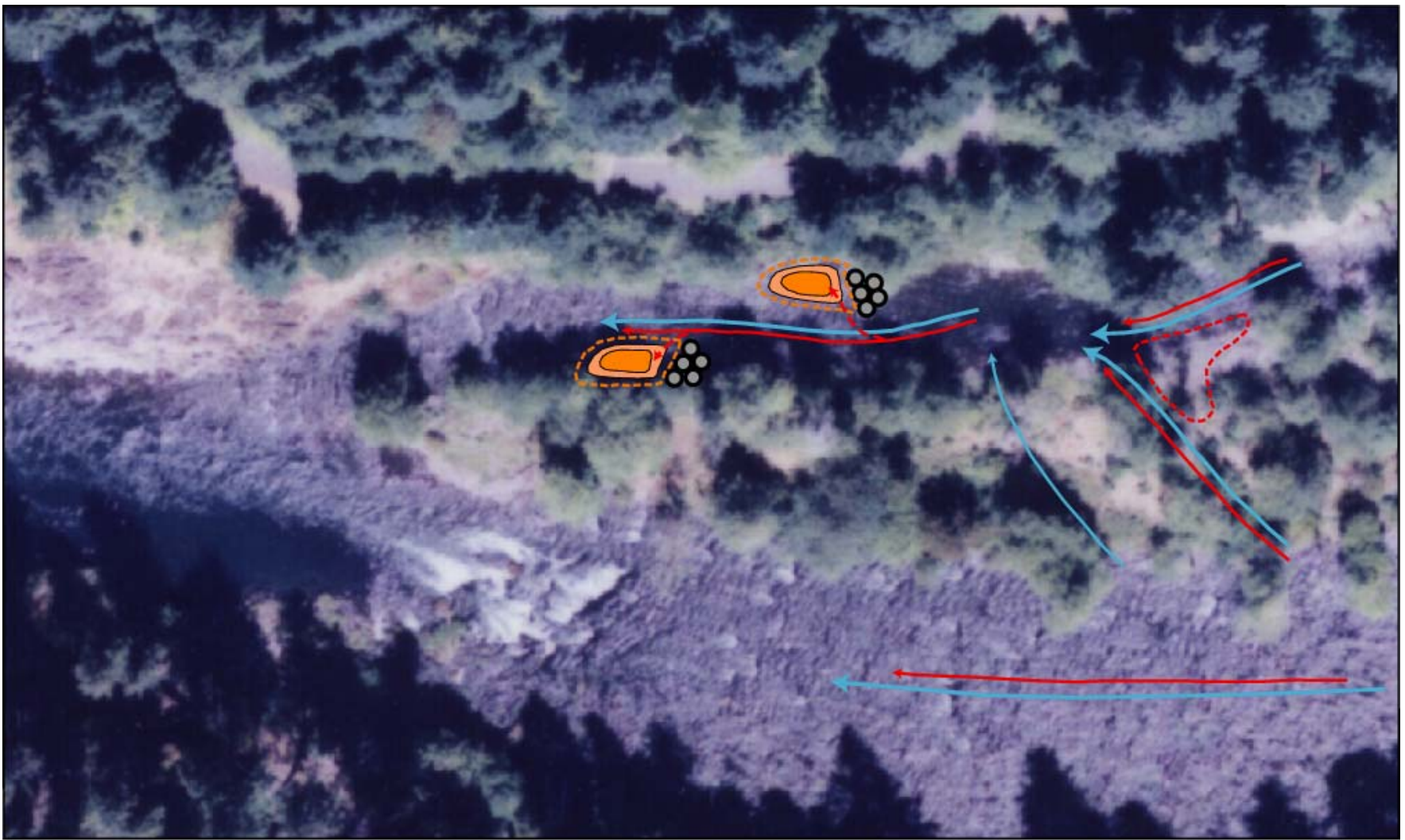


Figure 17. Site 9 existing conditions and proposed conceptual design.