

This figure provides a comparison of the longitudinal surveys conducted in 2000 and 2009. Features are identified along the profile that either influence the geomorphology of the stream or identify where infrastructure are in reference to the profile. In addition, survey locations discussed in the the Long-term Restoration Plan are identified including geomorphic survey reach breaks and cross section survey locations.

The 2000 survey traces 3.6 miles of the Permanente Creek thalweg from Pond 14 to the confluence of a tributary stream ("Wild Violet Creek") above the quarry spanning 1,035 vertical feet. Three geomorphic survey reaches discussed in the Long-term Restoration Plan were not profile surveyed in 2000 or 2009. These reaches are the Pond 14 bypass channel and two reaches downstream of Pond 14. The 2009 longitudinal survey was conducted at four specific locations where it was determined that the channel had the greatest potential for degradation or aggradation. The four locations surveyed at stations 59+95 - 63+69, 129+97 - 138+51, 167+12 - 170+52, and 185+15 - 188+70 are shown in more detail in the lower half of this page.

