Figure 1: Bedload rating curves for each redd site.

Figure: Amount of accumulated sediment <6.35mm in diameter at each redd site on December 12, 2011. Note: Sediment bags were installed on November 3, 2011.

Figure: Accumulated sediment <6.35mm in diameter as a percentage of the total sediment sampled in the sediment bag at each redd site on December 12, 2011. Note: Sediment bags were installed on November 3, 2011.

Figure: Percentage of bedload that accumulated in the redd sediment by December 12, 2011, where the total bedload transported over the redd per foot width as computed using the power functions derived from the bedload rating curves at each site (see Figure above). Note: the excessive amount of sediment “captured” in the sediment bag at Site 3 suggests poor cleansing during installation or non-bedload produced deposition.

Figure: Amount of accumulated sediment <6.35mm in diameter at each redd site on March 26, 2012. The sediment bag and other infrastructure were missing at Redd 1. Note: Sediment bags were installed on November 3, 2011.

Figure: Accumulated sediment <6.35mm in diameter as a percentage of the total sediment sampled in the sediment bag at Redd Sites 2 through 5 on March 26, 2012. The sediment bag and other infrastructure were missing at Redd 1. Note: Sediment bags were installed on November 3, 2011.

Figure: Percentage of bedload that accumulated in the redd sediment by March 26, 2012, where the total bedload transported over the redd per foot width as computed using the power functions derived from the bedload rating curves at each site (see Figure above).

Figure: Amount of accumulated sediment <6.35mm in diameter at each redd site on April 30, 2012. Note: Sediment bags were installed on March 29, 2012.

Figure: Accumulated sediment <6.35mm in diameter as a percentage of the total sediment sampled in the sediment bag at each redd site on April 30, 2012. Note: Sediment bags were installed on March 29, 2012.

Figure: Percentage of bedload that accumulated in the redd sediment by April 30, 2012, where the total bedload transported over the redd per foot width as computed using the power functions derived from the bedload rating curves at each site (see Figure above).

Figure: Amount of accumulated sediment <6.35mm in diameter at each redd site on May 30, 2012. Note: Sediment bags were installed on March 29, 2012.

Figure: Accumulated sediment <6.35mm in diameter as a percentage of the total sediment sampled in the sediment bag at each redd site on May 30, 2012. Note: Sediment bags were installed on March 29, 2012.

Figure: Percentage of bedload that accumulated in the redd sediment by May 30, 2012, where the total bedload transported over the redd per foot width as computed using the power functions derived from the bedload rating curves at each site (see Figure above).