

Appendix A. Description of Matanuska River Clearwater Side Channel Geographic Information System Products

Table A1. Clearwater side channel Geographic Information System products from Matanuska River, Alaska.

[Shapefiles produced for this report are described below and are available for download at <http://pubs.usgs.gov/sir/2011/5102/>]

Shapefile name	Description
2006_sidechannels.shp	Arcs representing all clearwater side channels within the project boundary present in October 2006 orthoimagery, attributed with side channel water source, qualitative turbidity, type of surface occupied, position within the braid plain, field verification data, and fish observations from September 13, 2007, aerial survey.
Bndry.shp	Polygon defining the extent of the U.S. Geological Survey Matanuska River clearwater side channels project. The primary use of this boundary was for delineation of clearwater side channels and computation of side channel density.
FieldSites.shp	Points representing the 34 field sites used in the report. Activities at each site are summarized in table 2 .
IntensiveChannelSurvey.shp	Points representing surveyed grid points, salmon redds, edges of water, and survey markers at three intensively surveyed reaches of the Matanuska River and its tributary, Moose Creek.
ReconData.shp	Points representing all measurement locations used in this report, attributed with water quality field parameter data, physical channel characteristics, side channel water source, and fish observations from ground surveys.