

Teton Watershed

Total FEMA Funds: 647,824

Scope

32.8 miles of detailed (15.2 miles of HEC-RAS and 17.6 miles of 2D)

- Teton River
- South Teton River

31 miles of approximate (10 miles of HEC-RAS and 21 miles of 2D)

- Canyon Creek
- Moody Creek
- Teton River

Will incorporate the Silver Jackets study of the SF Teton

- Study updates hydrology of SF Teton and perform some detailed work
- Additional LOMR request pending updated hydrology 12-10-1395P

Jefferson County PAL expired and Madison may be eligible for accreditation; if not then seclusion option may have to be pursued.

Hydrology

- Regression
 - 3 regression parameters in Teton County
 - No regression equations for Madison County – Rainfall Runoff
 - Canals near SF Teton and Approx streams
- Gage
 - USACE Walla Walla will study and update hydrology on SF Teton from St. Anthony gage to confluence with Henry
 - Assume NF and SF split will be covered by USACE

Hydraulics

Madison

- Lower portion of SF Teton and approx. streams can be done in HEC-RAS
- SF and NF Teton split – potential 2D model area is 20 sq. miles (no floodway in 2D area)

Teton

- South Leigh Creek and Spring Creek desired approx. (may require 2D modeling on an alluvial fan with interweaving streams)
- Teton Creek Zone AE high priority – braided streams
- Trail Creek Zone AE high priority – ice jams are a concern

Regulatory Products

- Countywide DFIRM for Madison and Teton (database only)

Non Regulatory Products

- Depth Grids
 - Multi-profile grids for detailed
 - 1-percent only for approx.
 - Flood Risk Dataset (refined)
 - New HAZUS, not enhanced with local info
 - CSLF
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Schedule

- Hydrology to be completed by July 2014
- Hydraulics to be completed by January 2015
- Draft maps scheduled to be completed / delivered February 2015

Points of Contact

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Notes
