

From: [McDaniel Ryan](#)
To: [Burgard Hannah](#)
Subject: FW: Risk MAP Project Quarterly Report for Teton Watershed, Idaho
Date: Wednesday, July 06, 2016 9:55:39 AM

From: TetonWatershed@starr-team.com [mailto:TetonWatershed@starr-team.com] **On Behalf Of** RSCX
Sent: Tuesday, July 05, 2016 6:23 PM
To: McDaniel Ryan
Subject: Risk MAP Project Quarterly Report for Teton Watershed, Idaho

Greetings,

My name is Ferrin Affleck and I am a Project Manager with the Strategic Alliance for Risk Reduction (STARR), a mapping contractor for the Federal Emergency Management Agency (FEMA). My team and I have been contracted to complete the Risk Mapping, Assessment and Planning (Risk MAP) project for the Teton Watershed in Idaho. This email is being sent to you as a status update for work completed on this project as of July 5, 2016. Detailed status updates like this are sent quarterly and include the overall project status, changes to the scope or schedule of the project, and a detailed overview of the individual technical tasks associated with the project.

Scope

Floodplain Mapping Study: After the Flood Study Kick-Off Meeting with stakeholders on June 11, 2014, the scope was revised to include additional engineering. Fall of 2015 funding was secured to prepare preliminary Flood Insurance Study (FIS) and Digital Flood Insurance Rate Maps (DFIRMs).

Risk Assessment Work: The project scope includes Risk MAP risk assessment products. Risk assessments are non-regulatory datasets that are intended to enhance the communities' ability to plan for and respond to disasters. Some of these products include:

- HAZUS Runs – HAZUS Level II risk assessment to estimate potential losses from flooding, earthquake, and wildfire exposure analysis.
- Multi-Frequency Flood Depth Grids – Depths calculated from new models for the 10-, 4-, 2-, 1-, and 0.2-percent chance events.
- Annual Chance Flood Grid – Percent chance flooding over one year calculated based on new modeling.
- 30 Year Chance Flood Grid – Percent chance of flooding over thirty years calculated based on new modeling.
- Changes Since Last FIRM (CSLF) Map and Dataset – Identifies areas of increase, decrease, or no change to the effective flood zones.
- Areas of Mitigation Interest (AOMI) – Identifies areas where risk may be mitigated.

Status of Mapping Updates and Risk MAP Risk Assessment Work

The Risk MAP project for Teton Watershed is in the Engineering stage. The following table illustrates where we are in the project and includes major milestones with dates:

Activities	Actual or Projected Date
Risk MAP Discovery	April 28, 2011
Flood Study Kick-Off Meeting	June 11, 2014
Engineering begins (Hydrology and Hydraulics)	Summer 2014
Field Survey	Summer 2014
Draft Map Release	July 5, 2016
Flood Risk Review (FRR) Meeting	July 26, 2016
Preliminary DFIRM and FIS Release	Winter 2016/2017*
Community Coordination Officer (CCO) Meeting	Winter 2016/2017*
Public Meeting/Open House	Winter 2016/2017*

Risk MAP Resilience Workshop	Spring 2017*
Final Risk Report and Risk Assessment Database Delivered	Spring 2017*
Appeal Period Start	Spring 2017*
Appeal Period End	Summer 2017*
Letter of Final Determination (LFD)	Fall 2017*
Maps and FIS become Effective	Spring 2018*

**All projected dates are subject to revision as the project progresses.*

Recent Activity

Floodplain Mapping Study: We have worked with the U. S. Army Corps of Engineers (USACE) to ensure calibration of the 2D model and tie-ins to the USACE South Fork Teton model are reasonable. Draft results of engineering are complete and may be downloaded at <http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Teton/Draft%20Maps/Forms/AllItems.aspx> . The Flood Risk Review (FRR) meeting has been scheduled for July 26, 2016.

Next Steps

Floodplain Mapping Study: At the FRR meeting, we will discuss results of engineering and answer questions about next steps. After comment/concerns that develop at the FRR meeting are resolved, we will prepare the preliminary FIS and DFIRMs. The preliminary FIS and DFIRM products are expected to be released in December 2016, however, timing of this release depends on the comments we receive as a result of the FRR meeting.

After Preliminary Products are distributed, we will schedule a Community Coordination Officer (CCO) Meeting with stakeholders. The CCO meeting will give the communities an opportunity to have their questions answered and get an understanding of the path toward adoption of the new maps. Some items discussed in this meeting are: public meeting, appeal process, and timeline toward letter of final determination (LFD) and maps becoming effective.

Risk Assessment Work: New information developed as part of the engineering will be used to create the above risk assessment products. The data produced from this project can supplement and strengthen the communities' Hazard Mitigation Plans and Emergency Response Plans, and lead to more informed decision-making related to land use and community development planning. Results from the risk assessment work will be shared at the in-person Resilience Workshop (date TBD).

Additional information on this project including the project area and Risk MAP contacts can be found online at:

<http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Teton/SitePages/Home.aspx>

NOTE: If you have trouble downloading or are prompted for credentials when clicking the file name on the website, cancel the prompt and instead right-click the file name and choose "Save As" or "Save Target As".

General Information

If you have questions about this Risk MAP project, please contact the State Risk MAP Coordinator, Ryan McDaniel, rmcdaniel@bhs.idaho.gov, 208-258-6593.

The STARR Region X Help Desk is another resource available to answer project-related questions. STARR staff will route and research your question, and respond within three business days. Submit your questions via email, the address is RegionXHelpDesk@starr-team.com.

If you want to keep up with what's happening around Region X, get project status updates, or learn about upcoming events and training opportunities, subscribe to the Region X monthly newsletter. For more information or to subscribe, email rxnewsletter@starr-team.com .

Current and past issues of the newsletter, project status updates, announcements, upcoming events, and training opportunities are also available online at the STARR website, www.starr-team.com (shortcut link: <http://j.mp/starrxnews>).

I hope you found this status update email helpful. If you would like to be removed from the distribution list,

or if you feel there is someone that should be added to the list, please reply to this email. If you have any questions, or if there is information that you would like to see in future updates, please feel free to contact me by phone or email. My contact information is below.

Sincerely,

Ferrin Affleck, PE, CFM

Engineer, Water Resources
STARR Project Manager

ATKINS

2270 Corporate Circle, Suite 200, Henderson, NV, 89074-7755 |
Tel +1 (702) 263 7275 Ext. 4513018 | Direct +1 (702) 551 0289 | Mobile (702) 497 3504 | Fax +1 (702) 263 7200 |
Email: ferrin.affleck@atkinsglobal.com | Web: www.atkinsglobal.com | Careers: www.atkinsglobal.com/careers

This message was sent by RSCX to the following:

Amy Vandewater - Education and Outreach Director - Friends of the Teton River
Ashley Koehler - Planning & Zoning Administrator - City of Driggs
Becky Rose - GIS Manager - Idaho Bureau of Homeland Security
Brandon Hobbs - Hydraulic Engineer, Boise Outreach Office - USACE, Walla Walla District
Brent McFadden - FPA, Planning & Zoning Administrator - Madison County
Brett Holt - Mitigation Planner - FEMA Region X RAB
Chris Budd - Lead Project Manager - STARR
Cliff Morris - Building Inspector - City of Sugar City
Craig Sherman - Treasurer - City of Victor
David Ratte - Regional Engineer - FEMA Region X RAB
Doug Self - Community Development Director - City of Driggs
Elizabeth C. Duncan - Public Information Officer - Idaho Bureau of Homeland Security
Ellen Berggren - Project Manager/Idaho Silver Jackets Coordinator - USACE, Walla Walla District
Ferrin Affleck - Project Manager - STARR
Friends of the Teton River - Friends of the Teton River
Jamie Mooney - Region X CERC Lead - Resilience Action Partners
Jason Boal - FPA/Planning Administrator - City of Victor
Jennifer Zung - Engineer - Harmony Designs Engineering
John Millar - Public Works Director - City of Rexburg
Kelly Stone - Risk Analyst - FEMA Region X RAB
Kristin Rader - Interim Planning Administrator - Teton County
Mark Stephensen - State Hazard Mitigation Officer - Idaho Bureau of Homeland Security
Marshall Rivers - Project Manager - Resilience Action Partners
Maureen O'Shea - Idaho State Floodplain Coordinator - Idaho Department of Water Resources
Mike Clements - Northeast Idaho Area Field Officer - Idaho Bureau of Homeland Security
Mike Lien - Restoration Director - Friends of the Teton River
Rachael Norris - Government Affairs - FEMA Region X
Region X Service Center - Region X Service Center
Rob Van Kirk - Research Director - Henrys Fork Foundation
Robert Feeley - Public Affairs Officer - Idaho Bureau of Homeland Security
Roxanne Pilkenton - Floodplain Management Specialist - FEMA Region X FMI
Ryan McDaniel - Risk MAP Coordinator - Idaho Bureau of Homeland Security
Susan Cleverley - Senior Mitigation Planner - Idaho Bureau of Homeland Security
Tamra Biasco - Risk Analysis Branch Chief - FEMA Region X RAB
Todd Herrera - Preparedness & Protection Branch Chief - Idaho Bureau of Homeland Security
Tom Cluff - Planning Administrator - Fremont County
Tracy Schwarz - Flood Risk Program Manager - USACE, Walla Walla District
Val Christensen - FPA, Community Development Director/ Building Official - City of Rexburg
Wendy Danielson - Land Use Services Assistant - Teton County