

APPENDIX A

COMMENTS AND RESPONSES



**Supplemental Watershed Plan No. 1 and Environmental
Assessment for Santaquin Flood Prevention**

Santaquin Watershed
Utah County, Utah

October 2019



Public Involvement Plan

Santaquin East Bench Debris Basins
Environmental Assessment
February 14, 2018

Project Overview

The United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS), in partnership with Santaquin City as the project sponsor, is considering proposed improvements within the Santaquin east bench watersheds. The proposed improvements include the construction of up to six (6) storm water debris basins and associated facilities along the eastern foothills in Santaquin. Improvements under consideration may be partially funded through the Watershed Protection and Flood Prevention Act of 1954 (PL83-566) and will address flood prevention and control, water conservation, and public safety risks while supporting existing agricultural and municipal land use.

The proposed project is located in Utah County along the east bench of Santaquin. The National Environmental Policy Act (NEPA) and the Council on Environmental Quality's regulations at 40 CFR Parts 1500-1508 require an evaluation of potential environmental impacts associated with federal projects and actions with input from the public.

Project Contacts

Santaquin City		
City Engineer Norm Beagley 801-754-1011 nbeagley@santaquin.org		
NRCS		
Water Resource Coordinator Norm Evenstad 801-557-7068 norm.evenstad@ut.usda.gov	Geologist Cianna Wyshnytzky 801-386-1097 cianna.wyshnytzky@ut.usda.gov	Hydraulic Engineer Nathaniel Todea 801-524-4573 nathaniel.todea@ut.usda.gov
HORROCKS ENGINEERS		
Project Manager Jacob O'Bryant 801-763-5185 jacobo@horrocks.com	NRCS/NEPA Manager Ryan Pitts 801-763-5184 ryanp@horrocks.com	NEPA Lead Judy Imlay 801-763-5173 judyi@horrocks.com
HORROCKS ENGINEERS		
Environmental Manager Stan Jorgensen 801-763-5160 stan@horrocks.com	Project Engineer Aaron Spencer 801-763-5164 aarons@horrocks.com	PI Lead Mendy Magistro 801-763-5256 mendym@horrocks.com



Project Milestones

TASK	DATE
Kick-off Meeting	Feb. 1, 2018
Public/Agency Scoping Meetings	Feb. 27, 2018
Alternative Refinement	March through May 2018
Draft EA	June 2018
Public Hearing	Summer 2018
Final EA	Summer 2018

Goals

- Work in conjunction with project team to identify key stakeholders.
- Conduct effective stakeholder outreach to communicate the environmental process, purpose and need and background/history of the area leading up to this study.
- Inform key stakeholders of public meetings and opportunities to provide comments.

Key Messages

- A solution is needed due to the potential for impacts to residential properties and public infrastructure that results from erosion and debris flow off the hillsides during storm events.
- The study team will follow the NEPA environmental process to determine the best solutions.

Possible Stakeholder Concerns

- Safety and unintentional flooding
- Change to landscape – revegetation timeline
- More desirable land for development
- Wildlife impacts
- Recreation impacts

Stakeholder Identification

The groups listed below have been identified as key stakeholders for this project (See Appendix A for a more detailed list of key stakeholders):

- Santaquin City
- Property owners and residents within and adjacent to the study area
- Businesses within and adjacent to the study area
- Utah State government – various agencies
- U.S. government – various agencies



Public involvement efforts will focus on compiling and tracking concerns and contact information from stakeholders throughout the project. Project updates will be available through the following resources:

- Santaquin City website and social media outlets
- NRCS website
- Public notices in The Payson Chronicle

Public Involvement Strategies and Tactics

DEVELOP PUBLIC INVOLVEMENT PLAN			
TACTIC	TARGET GROUP	OBJECTIVE	COMPLETION DATE
Determine project name and branding	General public	Establish a consistent look and feel for all outreach materials	February 2018
Draft initial PI plan	Project team	Establish and guide PI efforts	February 2018
Draft study messaging	General public and project team	Provide key messages and talking points to be used in all outreach and communications	February 2018
Develop and populate stakeholder database	Key stakeholders and project team	Provide database for tracking interaction with key stakeholders and gathering comments	February – Summer 2018
IMPLEMENT PUBLIC INVOLVEMENT PLAN			
TACTIC	TARGET GROUP	OBJECTIVE	TIMEFRAME
Identify key stakeholders	Project team	Develop list of key stakeholders and document in stakeholder database	February 2018
Develop and provide scoping notice to NRCS for website	General public	Provide notice of the public scoping meeting and comment period in The Payson Chronicle	February 2018
Develop and release public scoping notice	General public	Provide notice of the public of scoping meeting and comment period	Feb. 14 and 21, 2018
Develop and distribute study information mailer	Nearby residents and property owners	Invite broader community to each public open house/hearing	Feb. 16, 2018
Develop and distribute social media content	Santaquin City followers	Provide social media content to Santaquin City for existing Facebook and Twitter accounts	Approx. 14, 7, and 1 day(s) prior to scoping meeting
Develop and distribute project information for city website	Visitors of Santaquin City website	Provide study information and open house details to Santaquin City for the city website	Two weeks prior to scoping meeting
Monitor and document media coverage	Project team	Review media coverage	Ongoing throughout study



Prepare for and execute public/agency scoping open house	General public	Inform community and agencies about study and gather input	Feb. 27, 2018
Complete summary of scoping meeting and compile and summarize public comments	Project team	Provide insight to project team on public feedback and comment themes	March 2018
Update PI plan	Project team	Update PI plan to include updated schedule for public hearing and outreach activities	April – May 2018
Develop and provide public hearing notice for NRCS for website	General public	Provide notice of the public hearing and comment period in The Payson Chronicle	Summer 2018
Develop and release public scoping notice	General public	Provide notice of the public hearing and comment period	14 and 7 days prior to public hearing
Develop and distribute information mailer to announce public hearing	Nearby residents and property owners	Invite broader community to each public open house/hearing	10 days prior to public hearing
Develop and distribute social media content	Santaquin City followers	Provide social media content to Santaquin City for existing Facebook and Twitter accounts	Approx. 14, 7, and 1 day(s) prior to public hearing
Develop and distribute project information for city website	Visitors of Santaquin City website	Provide study information and public hearing details to Santaquin City for the city website	Two weeks prior to public hearing
Prepare for and execute public hearing	General Public	Provide information and gather public input on the Draft EA	Summer 2018
Complete summary of public hearing and compile and summarize public comments	Project team	Provide insight to project team on public feedback and comment themes	Summer 2018
Prepare and submit PI report	Project team	Compile all outreach and documentation for team review	Summer 2018
Develop and distribute notice of Final PLAN-EA	General Public	Provide notice of the Final PLAN-EA in The Payson Chronicle	Fall 2018
Develop and distribute notice of Decision Document	General Public	Provide notice of the Decision Document in The Payson Chronicle	Fall 2018



Appendix A

Santaquin East Bench Debris Basins EA

Key Stakeholders

Agencies

- Bureau of Land Management – BLM
- Bureau of Reclamation – BOR
- Department of Natural Resources – DNR
 - Santaquin Wildlife Management Area
- Division of Water Resources – DWR
- Highline Canal Company
- Resource Development Coordinating Committee – RDCC
- Santaquin City – City Water Tank
- U.S. Army Corps of Engineers – USACE
- U.S. Fish and Wildlife Service
- U.S. Forest Service
- UDOT Region Three – Teri Newell
- Utah County / Spring Lake
- Utah Division of Water Rights - Dam Safety
- Utah Division of Wildlife Resources – UDWR
- Utah Geologic Survey
- Utah School and Institutional Trust Lands Administration – SITLA
- Local Grazing Association

Businesses

- Charter School
- Dairy Queen
- Maverick
- Stringham's Ace Hardware
- Apex Storage
- Tire Trax

Property Owners and Residents

- Property owners and residents within and surrounding the study area

Special Interest Groups

- Recreationalists
 - Jeep and ATV
 - Hunters (deer & elk)



United States Department of Agriculture

Natural Resources
Conservation Service

Date: February 12, 2018

Utah State Office

125 South State Street
Room 4010
Salt Lake City, UT 84138

Mr. Jason Gipson
Chief - Nevada-Utah Regulatory Branch
U.S. Army Corps of Engineers
533 West 2600 South, Suite 150
Bountiful, Utah 84010

Ph: 801-524-4550
Fax: 844-715-4928
www.ut.nrcs.usda.gov

RE: Formal request to be a Cooperating Agency in the development of several watershed Environmental Assessments (EA) in Utah.

Dear Mr. Gipson:

In accordance with the Council on Environmental Quality regulations implementing the National Environmental Policy Act (NEPA) at 40 CFR Part 1501.6, Natural Resources Conservation Service (NRCS) is formally requesting that U.S. Army Corps of Engineers (ACOE) become a cooperating agency in the planning and development of several Watershed EA efforts in Utah. The names and locations of these proposed projects are listed in Attachment-1.

This request is made since your agency is identified as having special expertise or jurisdiction by law related to this project. The EAs are being prepared to fulfill the NRCS NEPA compliance responsibilities pertaining to our Federal financial assistance through the Watershed Protection and Flood Prevention Program (Public Law 83-566) for these projects. As your agency may also have NEPA compliance responsibilities concerning these projects, preparation of the EAs should also assist in fulfilling environmental review requirements for your agency or other federal agencies and meet NEPA's intent of reducing duplication and delay between agencies.

Upon acceptance of this invitation, roles can be defined in an informal agreement or a formal MOU can be established. If your agency is unable to participate as a cooperating agency please return a written explanation why your agency cannot participate. The NRCS shall accept designation as the lead Federal agency to act on behalf of the ACOE for purposes of compliance with the Section 7 of the Endangered Species Act and Section 106 of the National Historic Preservation Act.

Please send a letter confirming your decision by March 15, 2018 to: Timothy Wilson, State Conservationist, USDA-NRCS, Wallace F Bennett Federal Building, 125 South State Street, Room 4010, Salt Lake City, Utah 84138-1100.

Thank you for your timely response and cooperation with these efforts. If you have any questions or comments, please contact Bronson Smart, State Conservation Engineer, at bronson.smart@ut.usda.gov or (801) 524-4559; or Norm Evenstad, Water Resources Coordinator, at norm.evenstad@ut.usda.gov or (801) 524-4569.

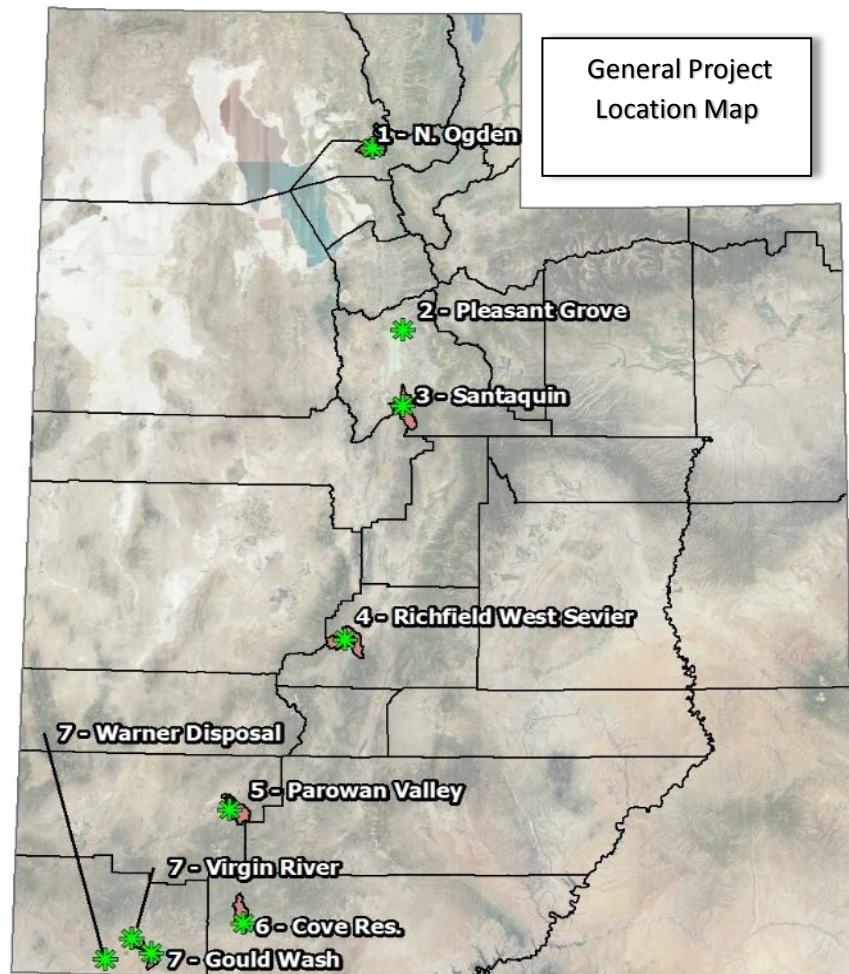
Sincerely,

TIMOTHY WILSON
State Conservationist

cc:

Mike Larsen, Acting Assistant State Conservationist-Field Operations (South), NRCS, Richfield, UT
Don Ashby, Assistance State Conservationist-Field Operations (North), NRCS, Ogden, UT
Bronson Smart, State Conservation Engineer-Rehab Program Manager, NRCS, Salt Lake City, UT
Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, UT

UTAH-NRCS - PL566 WATERSHED PLAN-ENVIRONMENTAL ASSESSMENT WORK



PL566 Project Name	Location/Various	Summary description of proposed work
1-North Ogden Weber-Box Elder Conservation District	41.301537° -111.975893°	Relocate & expand 2550 North Detention Basin, use basin for water storage, flood control, recreation. Water provided from North Ogden canal at about 2 cfs.
2-Pleasant Grove Pleasant Grove City	40.363114° -111.774560°	Pipe 3,100 feet of the open, unlined Mill Ditch located in Pleasant Grove City with 30-inch diameter HDPE pipe.
3-Santaquin Santaquin City	39.969369° -111.770505°	Evaluate the proposed installation of approximately 5 flood control structures along the East bench of Santaquin to protect homes, infrastructure and possibly provide aquifer recharge capability.
4-Richfield W. Sevier Sevier County	38.871435° -112.004222°	New Watershed Plan- Evaluate additional flood control measures needed throughout the Richfield-West Sevier County area (Flat Canyon). Recreation, trails, canal piping, habitat development.
5-Parowan Valley Iron County	37.868987° -112.783872°	New Watershed Plan - Evaluate additional flood control measures, debris basin/s, recreation opportunities, irrigation water management, and habitat restoration/enhancement.
6-Cove Reservoir Kane County	37.280257° -112.690638°	Construction of approximately 6,000 acre-foot capacity dam/reservoir for irrigation and recreation in Cove Canyon outside of Orderville, Utah.
7-Warner Draw Group Washington County Gould Wash DB Virgin River Habitat Warner Disposal Pipe	<u>Gould</u> - 37.116769° -113.230050° <u>Virgin</u> - 37.190211° -113.348204° <u>Warner</u> - 37.070515° -113.498451°	Construction of a debris basin in Gould Wash above Hurricane, Utah - located on BLM land. Piping of Hurricane canal for more efficient off/on farm irrigation water management and analysis of water savings to enhance Virgin River habitat. Evaluate enhancement of Virgin River endangered fish species and SW willow flycatcher habitat. Partner incl. The Nature Conservancy.



United States Department of Agriculture

Natural Resources
Conservation Service

Utah State Office

125 South State Street
Room 4010
Salt Lake City, UT 84138

Ph: 801-524-4550
Fax: 844-715-4928
www.ut.nrcs.usda.gov

Date: February 12, 2018

Mr. George Garcia
Spanish Fork District Ranger
400 West 400 North
Spanish Fork, Utah 84660

RE: Formal request to be a Cooperating Agency in the development of a Supplemental Watershed Environmental Assessment (EA) for proposed flood control measures to be located on the East bench of Santaquin City, Utah.

Dear Mr. Garcia,

In accordance with the Council on Environmental Quality regulations implementing the National Environmental Policy Act (NEPA) at 40 CFR Part 1501.6, Natural Resources Conservation Service (NRCS) is formally requesting that U.S. Forest Service (USFS) become a cooperating agency in the planning and development of the Santaquin City Watershed EA. The location of the proposed project area is summarized in Attachment-1 as area #3. Attachment-2 depicts the proposed project measures.

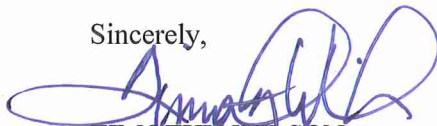
This request is made since your agency is identified as having special expertise or jurisdiction by law related to these projects. The EAs are being prepared to fulfill the NRCS NEPA compliance responsibilities pertaining to our Federal financial assistance through the Watershed Protection and Flood Prevention Program as authorized through Public Law 83-566.

Upon acceptance of this invitation, roles can be defined in an informal agreement or a formal MOU. If your agency is unable to participate as a cooperating agency please return a written explanation why your agency cannot participate.

Please send a letter confirming your decision by March 15, 2018 to: Timothy Wilson, State Conservationist, USDA-NRCS, Wallace F Bennett Federal Building, 125 South State Street, Room 4010, Salt Lake City, Utah 84138-1100.

Thank you for your timely response and cooperation with these efforts. If you have any questions or comments, please contact Bronson Smart, State Conservation Engineer, at bronson.smart@ut.usda.gov or (801) 524-4559; or Norm Evenstad, Water Resources Coordinator, at norm.evenstad@ut.usda.gov or (801) 524-4569.

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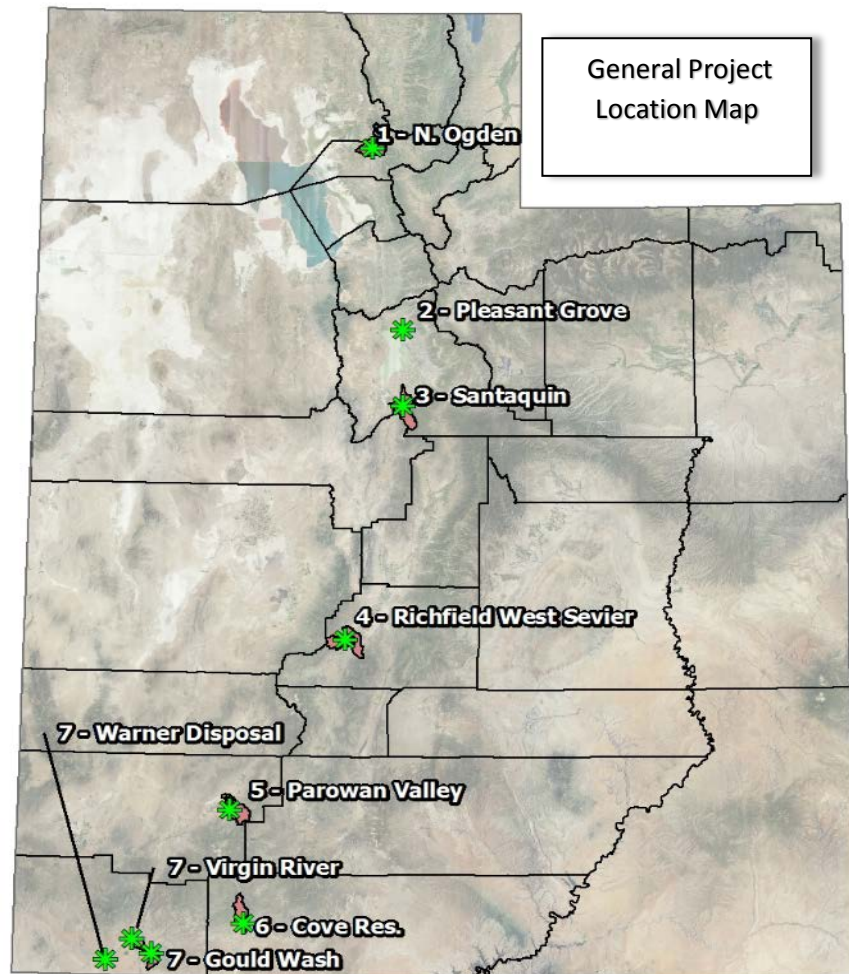


TIMOTHY WILSON
State Conservationist

cc:

Mike Larsen, Acting Assistant State Conservationist-Field Operations (South), NRCS, Richfield, UT
Don Ashby, Assistance State Conservationist-Field Operations (North), NRCS, Ogden, UT
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125 South State Street
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Salt Lake City, UT 84138

Ph: 801-524-4550
Fax: 844-715-4928
www.ut.nrcs.usda.gov

Mr. Larry Crist
Utah Field Office-Supervisor
U.S. Fish and Wildlife Service
2369 West Orton Circle, Suite 50
West Valley City, Utah 84119

RE: Formal Request to be a Cooperating Agency in the development of several Environmental Assessments (EA) in Utah.

Dear Mr. Crist:

In accordance with the Council on Environmental Quality regulations implementing the National Environmental Policy Act (NEPA) at 40 CFR Part 1501.6, Natural Resources Conservation Service (NRCS) is formally requesting that U.S. Fish and Wildlife Service (USFWS) become a cooperating agency in the planning and development of several EA efforts in Utah. The names and locations of these proposed project areas are shown and summarized in Attachment 1.

This request is made since your agency is identified as having special expertise or jurisdiction by law related to these projects. The EAs are being prepared to fulfill the NRCS NEPA compliance responsibilities pertaining to our Federal financial assistance through the Watershed Protection and Flood Prevention Program as authorized through Public Law 83-566. As your agency may also have NEPA compliance responsibilities concerning these projects, preparation of the EAs should also assist in fulfilling environmental review requirements for your agency or other federal agencies and meet NEPA's intent of reducing duplication and delay between agencies.

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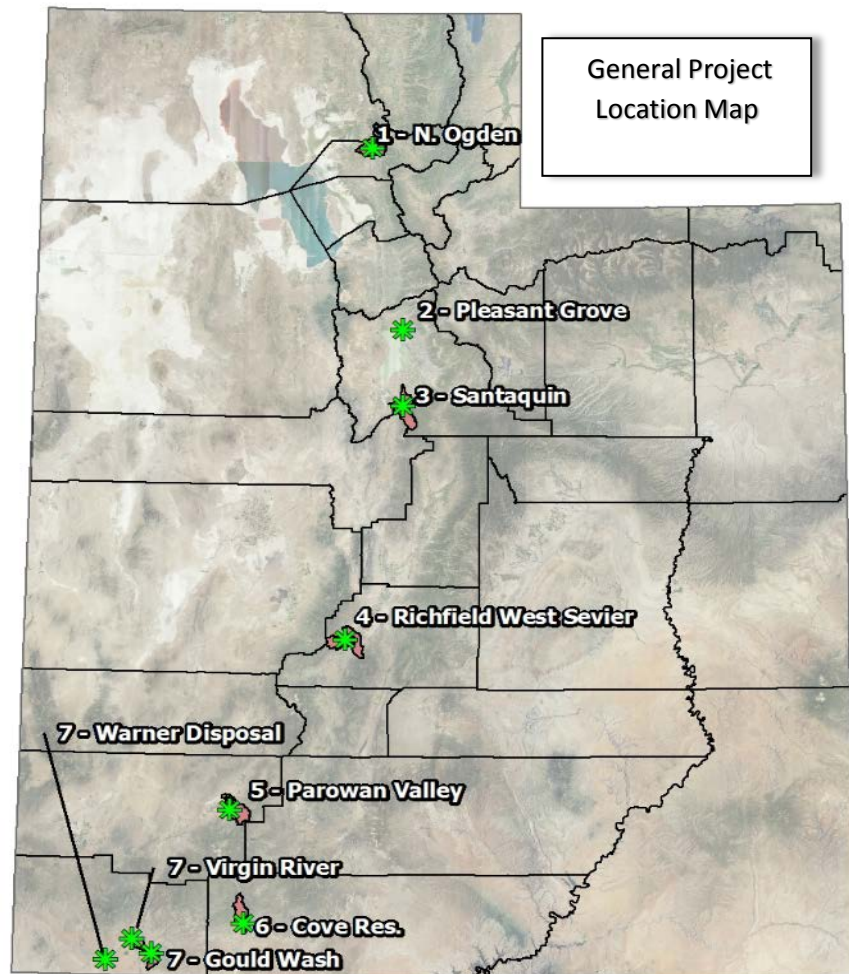
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State Conservationist

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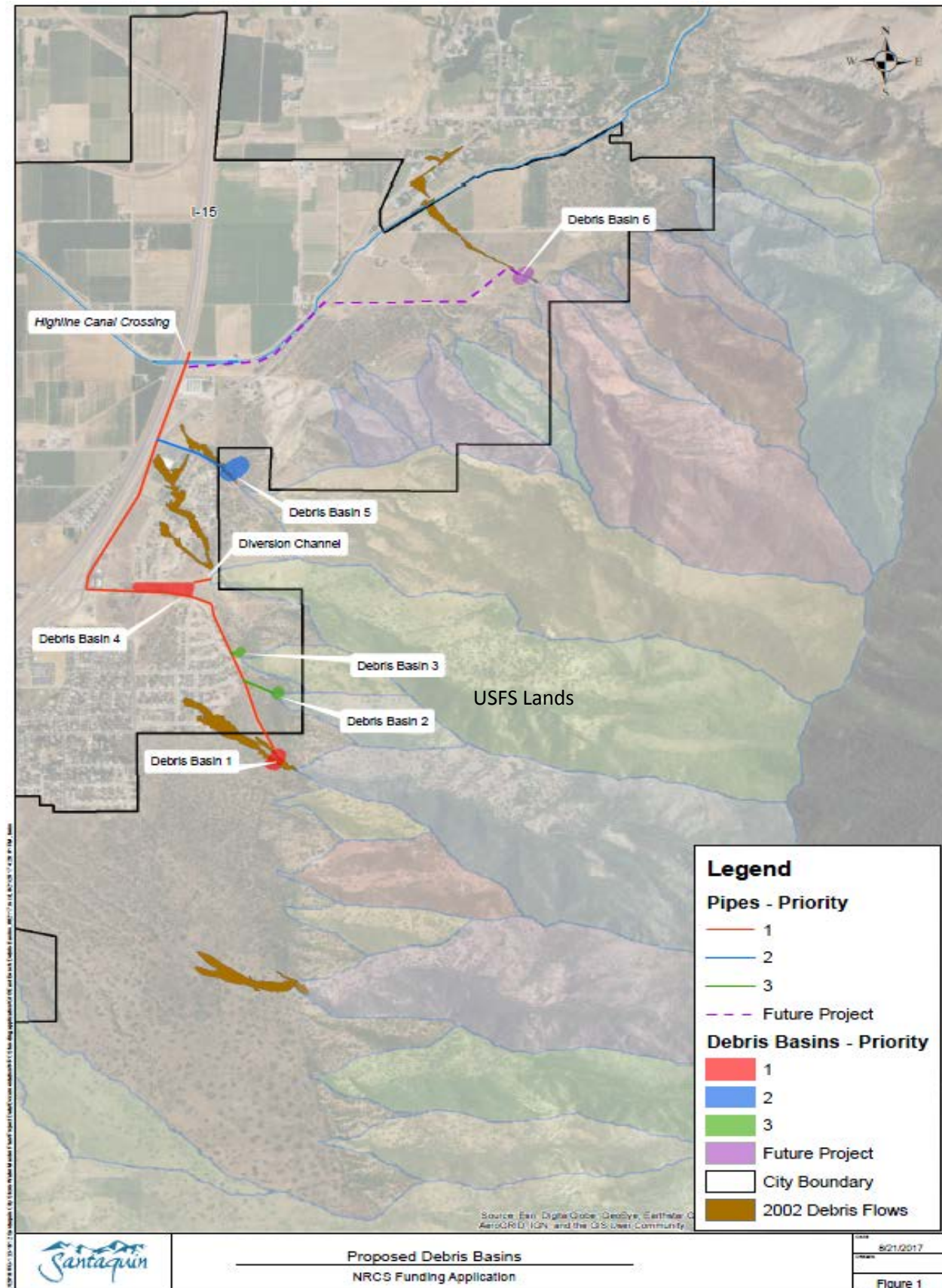
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SANTAQUIN CITY, UTAH - Watershed Operations 2018 - Proposed Measures - General Location Map



From: [Evenstad, Norm - NRCS, Salt Lake City, UT](#)
To: stategrants@utah.gov
Cc: [Wyshnytzky, Cianna - NRCS, Salt Lake City, UT \(Cianna.Wyshnytzky@ut.usda.gov\)](#); [Todea, Nathaniel - NRCS, Salt Lake City, UT](#); [Norm Beagley](#); [Ben Reeves \(breeves@santaquin.org\)](mailto:breeves@santaquin.org); [Aaron Spencer](#); [Hanson, David - NRCS, Provo, UT](#)
Subject: State Clearinghouse Notification: Santaquin Watershed Project- per Executive Order 12372
Date: Tuesday, November 21, 2017 4:06:00 PM
Attachments: [UT_WFPO_2017_SantaquinCity_FINAL.pdf](#)

RE: USDA-NRCS PL566 – Watershed Operations Project – State Clearinghouse Notification per Executive Order 12372

Santaquin Watershed, Utah County, Utah

NRCS is required to notify the State of the attached type projects per Executive Order 12732.

Dear Mr. Matthews,

The attached project information file outlines the proposed watershed measures funded through the USDA-NRCS under authority of Public Law 83-566, the Watershed Protection and Flood Prevention Act (Watershed Program) of 1954, as amended. NRCS and the Sponsor (Sevier County Commission) will be developing a Plan-Environmental Assessment (Plan-EA) in the coming year for eventual construction of a new watershed measures within the Santaquin Watershed in Utah County.

USDA's Watershed Program authorizes the Secretary of Agriculture to *"cooperate with States and local agencies in planning and carrying out works of improvement for soil conservation and for other purposes."* It provides for technical, financial, and credit assistance by the USDA to local organizations representing the people living in watersheds. It also provides for needed additional treatment and protection of federally owned lands within such watersheds.

Let me know if you have any questions.

Regards,

Norm.

Norm Evenstad

Water Resources Coordinator

USDA-Natural Resources Conservation Service

Wallace F. Bennett Federal Building

125 S. State Street - Rm 4420

Salt Lake City, UT 84138-1100

Phone: (801) 524-4569

Cell: (801) 557-7068



United States
Department of
Agriculture

Forest
Service

Uinta-Wasatch-Cache National Forest
Supervisor's Office

857 West South Jordan Parkway
South Jordan, UT 84095
801-999-2103
Fax: 801-253-8118

RECEIVED FEB 27 2018

File Code: 2530; 1950
Date: February 22, 2018

Timothy Wilson
State Conservationist
USDA-NRCS
Wallace F. Bennet Federal Building
125 South State Street, Room 4010
Salt Lake City, UT 84138-1100

Dear Mr. Wilson:

We are in receipt of your letter dated February 12, 2018 requesting that the Uinta-Wasatch-Cache National Forest be a cooperating agency in the Supplemental Watershed Environmental Assess for proposed flood control structures on the east bench of Santaquin City, Utah. Based on the proposed action, we would qualify as a cooperating agency because of our jurisdiction by law in that it appears debris 5 is located on National Forest System Lands. We therefore agree to be a cooperating agency for the Supplemental Watershed Environmental Assessment (EA).

Please work directly with George Garcia, Spanish District Ranger who will serve as your primary contact for the Forest Service on this project. You can reach him at (801) 794-6761 or via e-mail at gcgarcia@fs.fed.us. George will coordinate the development of the cooperating agency agreement identifying the jurisdiction by law and/or outlining the special expertise you may want us to provide. George will coordinate the Uinta-Wasatch-Cache National Forest's participation on the project.

We would suggest that any flood control structures be located off National Forest System Lands where feasible. Any new debris basins or flood control structures on National Forest System Lands will require a special use permit, inspections, etc.

We look forward to working with you on the Cooperating Agency Agreement and the Environmental Analysis.

Sincerely,

DAVID WHITTEKIEND
Forest Supervisor

cc: George Garcia, Paul Cowley





United States Department of Agriculture

Natural Resources
Conservation Service

Utah State Office

125 So. State Street
Room 4010
Salt Lake City, UT
84138-1100

Voice: 801-524-4550
Fax: 801-524-4403

Memorandum of Understanding
Between
U.S. Department of Agriculture's Natural Resources Conservation Service
as the Lead Federal Agency
and
U.S. Forest Service
as Cooperating Agency for Preparation of a Supplemental Watershed Plan-
Environmental Assessment
for the Santaquin East Bench Flood Prevention Project

I. Introduction

The Natural Resources Conservation Service (NRCS) is the Lead Federal Agency for the development of the Supplemental Watershed Plan-Environmental Assessment (PLAN-EA) as defined in 40 CFR Section 1501.5 for the Santaquin East Bench Flood Prevention Project, Santaquin, Utah. The U.S. Forest Service (USFS), herein referred to as the Cooperating Agency, is cooperating in the development of the PLAN-EA as defined in 40 CFR Section 1501.6.

This Memorandum of Understanding (MOU) outlines the roles and responsibilities of the NRCS and Cooperating Agency, herein referred to as Parties, with respect to preparation of the PLAN-EA. This MOU describes responsibilities and procedures agreed to by the Parties.

II. Purpose

The purposes of this MOU are:

1. To designate USFS as a Cooperating Agency in the PLAN-EA process.
2. To provide a framework for cooperation and coordination between the Parties that will ensure successful completion of the PLAN-EA in a timely, efficient and thorough manner.
3. To recognize that the NRCS is the Lead Federal Agency with responsibility for the completion of the PLAN-EA and the Finding of No Significant Impact (FONSI).
4. To describe the respective responsibilities, jurisdictional authority, and expertise of the Cooperating Agency in the planning process.

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An Equal Opportunity Provider and Employer



III. Authorities

The authorities and regulations of the NRCS to enter into and engage in the activities described within this MOU include, but are not limited to:

1. National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).
2. Council on Environmental Quality regulations (40 CFR 1500-1508 et seq.)
3. NRCS Regulations Implementing the NEPA (7 CFR Part 650)
4. Watershed Protection and Flood Prevention Act (PL 83-566, 16 U.S.C. 1000 et seq.)

The authorities and regulations of Cooperating Agency to enter into this MOU include, but are not limited to:

1. National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.)
2. Council on Environmental Quality regulations (40 CFR 1501 et seq.)
3. Federal Land Policy and Management Act of 1976 (43 U.S.C. § 1701, et seq.)

This MOU does not alter any other written agreements, authorities, or responsibilities between the Parties and the project sponsors or other government agencies, or parties.

IV. Roles and Responsibilities

1. General Responsibilities

- a. The Parties agree to participate in this planning process in good faith and make all reasonable efforts to resolve disagreements.
- b. Each Party agrees to fund its own expenses associated with the PLAN-EA process, except that the NRCS may contract with the Cooperating Agency for technical studies within its jurisdiction or special expertise.

2. NRCS Responsibilities

- a. The NRCS, as Lead Federal Agency, has primary responsibility for compliance with the requirements of the National Environmental Policy Act (NEPA) and preparation of the draft PLAN-EA, final PLAN-EA and FONSI.
- b. NRCS will provide the Cooperating Agency with those PLAN-EA resource characterization studies and technical reports, as determined necessary by the respective cooperator, for review and comment.

c. NRCS will consult with the Cooperating Agency regarding the alternatives considered and associated mitigation measures to be evaluated in the PLAN-EA.

d. NRCS will identify the Cooperating Agency on the draft PLAN-EA and final PLAN-EA cover pages and will describe in the introduction sections, as provided by the Cooperating Agency, the specific roles and authorities of the Cooperating Agency with respect to the Santaquin East Bench Flood Prevention Project.

3. Cooperating Agency Responsibilities

a. The Cooperating Agency will provide early input to NRCS regarding issues to address in the resource characterization studies, technical reports, and PLAN-EA. The Cooperating Agency will also provide comments or analyses to NRCS in those areas where the Cooperating Agency has regulatory authority, technical expertise, and a need for the PLAN-EA to support decisions by the Cooperating Agency. The Cooperating Agency is recognized to have the following jurisdiction by law.

i. Landowner

b. The Cooperating Agency may review, and provide to NRCS, comments on the issued draft PLAN-EA and final PLAN-EA.

c. The Cooperating Agency and the NRCS will together coordinate under this MOU in order to maximize the use of resources and minimize duplication of effort during the preparation of the PLAN-EA.

d. Upon issuance of the final PLAN-EA and any resulting FONSI by NRCS, the Cooperating Agency may be able to then adopt the PLAN-EA and issue a separate decision notice under the Cooperating Agency's NEPA implementing regulations.

4. Other Responsibilities

a. Nothing in this MOU shall require any of the Parties to assume any obligation or expend any sum in excess of authorization and appropriations available.

b. Each Party retains all immunities and defenses provided by law with respect to any action based on or occurring as a result of this MOU.

c. Where the Parties disagree on substantive elements of the PLAN-EA, and these disagreements cannot be resolved, the NRCS will include a summary of the Cooperating Agency's views in the draft PLAN-EA and final PLAN-EA. The NRCS will also describe substantial inconsistencies between its proposed action(s) and the objectives of state, local, or tribal land use plans and policies.

d. Horrocks Engineers serves as the NRCS's contractor through Santaquin City for the PLAN-EA preparation. The Cooperating Agency may provide information and comments directly to the contractor as well as collaborate with the contractor's technical staff and subcontractors on matters within the Cooperating Agency's jurisdiction or special expertise. The Cooperating Agency acknowledges that the NRCS and Santaquin City retain the exclusive responsibility to authorize modifications to the contract with Horrocks Engineers, and that the Cooperating Agency is not authorized to provide technical or policy direction regarding the performance of this contract.

V. Agency Representatives

1. Each Party will designate a representative and alternate representative, as described in Attachment A, to ensure coordination between the Parties during the preparation of the PLAN-EA. Each Party may change its representative at will by providing written notice to the other Party.

VI. Administration of the MOU

1. This MOU becomes effective upon signature by the authorized officials of the NRCS and the Cooperating Agency.

2. This MOU may be modified by the Parties hereto by mutual agreement only. Any modification will be in writing.

3. This MOU does not alter the authority and responsibilities of the Cooperating Agency under their respective NEPA regulations.

4. This MOU is terminated when either the NRCS FONSI for the project is signed or when written notice is given by a respective agency.

USFS – Uinta-Wasatch-Cache National Forest
Forest Supervisor

DAVID WHITTEKIEND

Name



Signature

Forest Supervisor
Title

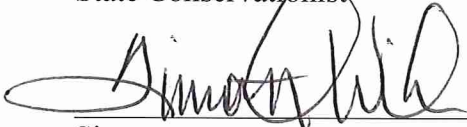
3/20/18

Date

NRCS - Utah

TIMOTHY WILSON

State Conservationist



Signature

4/2/18

Date

Attachment A
Agency Representatives

NRCS (Lead Federal Agency)

Primary Representative

Cianna Wyshnytzky
Name

Geologist
Title

Backup Representative

Nathaniel Todea
Name

State Hydraulic Engineer
Title

NRCS Contractor

Primary Representative

Jacob O'Bryant / Ryan Pitts
Name

Eng Project Manager/NEPA Specialist
Title

USFS – (Cooperating Agency)

Primary Representative

George Garcia
Name

Spanish Fork District Ranger
Title

Backup Representative

Sarah Flinders
Name

Spanish Fork Recreation Staff Officer
Title

Scoping Notice

The United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS), in cooperation with Santaquin City as the project sponsor, is considering proposed improvements within the Santaquin east bench watersheds. The proposed improvements include the construction of up to six (6) stormwater debris basins and associated facilities along the eastern foothills in Santaquin. Improvements under consideration may be partially funded through the Watershed Protection and Flood Prevention Act of 1954 (PL83-566) and will address flood prevention and control, water conservation, and public safety risks while supporting existing agricultural and municipal land use.

The proposed project is located in Utah County along the east bench of Santaquin. The National Environmental Policy Act (NEPA) and the Council on Environmental Quality's regulations at 40 CFR Parts 1500-1508 require an evaluation of potential environmental impacts associated with federal projects and actions with input from the public.

You are invited to attend an agency scoping open house where your input is requested regarding issues and concerns relative to your respective specialties. After the agency meeting, there will be a public scoping open house to present the proposed improvements and solicit public input.

Agency Scoping Open House

Date: February 27, 2018
Time: 3:00 PM to 4:00 PM
Location: Santaquin Senior Citizen Center
55 West 100 South, Santaquin, Utah 84655

Public Scoping Open House

Date: February 27, 2018
Time: 5:00 PM to 7:00 PM
Location: Santaquin Senior Citizen Center,
55 West 100 South, Santaquin, Utah 84655

Comments may be submitted during the public scoping period starting February 14, 2018 and ending on March 19, 2018. Comments may be mailed to Horrocks Engineers, 2162 West Grove Parkway Suite 400, Pleasant Grove, Utah, 84602 or emailed to mendym@horrocks.com.

Additional information is available by contacting Ryan Pitts with Horrocks Engineers at 801-763-5184, ryanp@horrocks.com or the NRCS link for Public Notices: <https://www.nrcs.usda.gov/wps/portal/nrcs/detail/ut/newsroom/pnotice/>.

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to mendym@horrocks.com.



United States Department of Agriculture

April 9, 2019

Natural Resources
Conservation Service

Utah State Office

125 South State Street
Room 4010
Salt Lake City, UT 84138

Ph: 801-524-4550
Fax: 844-715-4928
www.ut.nrcs.usda.gov

Dr. Christopher Merritt, PhD
Deputy State Historic Preservation Officer - Archaeology
Utah Division of State History
300 Rio Grande Avenue
Salt Lake City, Utah 84101-1182

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Dr. Merritt:

Included in this submission are a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project* and accompanying data. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

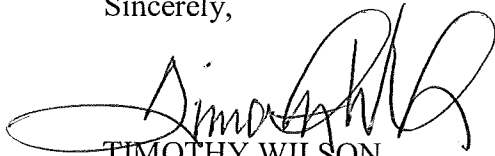
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Following the cultural resources inventory, a preferred alternative was selected through the NEPA alternatives evaluation process. The Preferred Alternative consists of five separate sites with debris basins placed at strategic locations within the drainage areas. Only one site, 42UT1322, a historic trash scatter, will be partially destroyed by the construction of the debris basins. All other sites, including the Strawberry Highline Canal, are outside of the areas that will be disturbed by the debris basins.

Dr. Christopher Merritt, PhD
April 9, 2019
Page 2

The NRCS recommends that the proposed project proceed as planned with a determination of *no historic properties affected*. The NRCS requests concurrence for the determination of project effects. If you have any questions, comments, or concerns, please contact Tara S. Hoffmann, State Cultural Resources Specialist, at 801-524-4556 at your convenience.

Sincerely,



TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Imlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



United States Department of Agriculture

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www.ut.nrcs.usda.gov

April 9, 2019

Mr. Zach Nelson
Archaeologist
Bureau of Reclamation
Provo Area Office
302 East 1860 South
Provo, Utah 84606-7317

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Mr. Nelson:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

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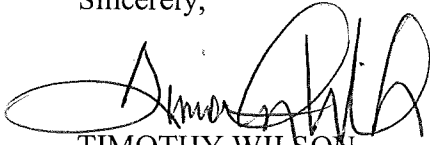
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Mr. Zach Nelson
April 9, 2019
Page 2

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The NRCS recommends that the proposed project proceed as planned with a determination of *no historic properties affected*. The NRCS requests concurrence for the determination of project effects. If you have any questions, comments, or concerns, please contact Tara S. Hoffmann, State Cultural Resources Specialist, at 801-524-4556 at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read 'Timothy Wilson', written over a horizontal line.

TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Imlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



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www.ut.nrcs.usda.gov

April 9, 2019

Mr. Tom Flanigan
Archaeologist
Uinta-Wasatch-Cache National Forest
857 West South Jordan Parkway
South Jordan, Utah 84095

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Mr. Flanigan:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

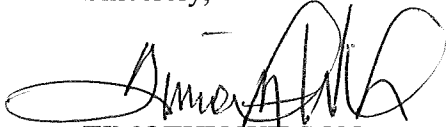
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Mr. Tom Flanigan
April 9, 2019
Page 2

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Sincerely,

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TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Imlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



United States Department of Agriculture

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Ms. Candace Bear
Chairwoman
Skull Valley Band of Goshute Indians
Skull Valley Goshute General Council
P.O. Box 448
Grantsville, Utah 84029

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Ms. Bear:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

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Ms. Candace Bear

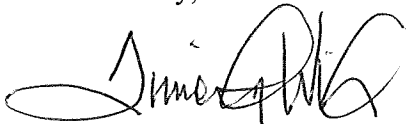
April 9, 2019

Page 2

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Sincerely,

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TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Inlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



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April 9, 2019

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Mr. Rupert Steele
Chairman
Confederated Tribes of the Goshute Reservation
HC61 Box 6104
195 Tribal Center Road
Ibapah, Utah 84034

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Mr. Steele:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

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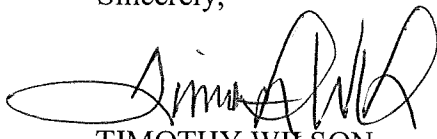
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Mr. Rupert Steele
April 9, 2019
Page 2

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Sincerely,

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TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah
Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah
Judy Imlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



United States Department of Agriculture

April 9, 2019

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Mr. Cleele Pete
Environmental Protection Department
Confederated Tribes of the Goshute Reservation
HC61 Box 6104
195 Tribal Center Road
Ibapah, Utah 84034

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Mr. Pete:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

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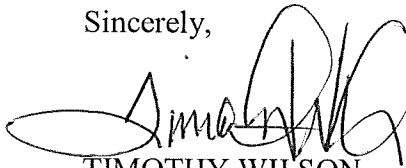
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Mr. Cleele Pete
April 9, 2019
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Sincerely,

A handwritten signature in black ink, appearing to read 'Timothy Wilson', written over a horizontal line.

TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Imlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



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April 9, 2019

Mr. Luke Duncan
Chairman
Ute Indian Tribe of the Uintah & Ouray Reservation, Utah
P.O. Box 190
Fort Duchesne, Utah 84026

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Mr. Duncan:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

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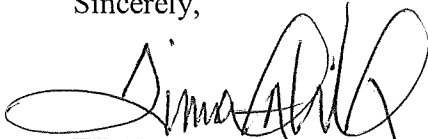
Mr. Luke Duncan

April 9, 2019

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Sincerely,

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TIMOTHY WILSON

State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Imlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah



United States Department of Agriculture

April 9, 2019

Natural Resources
Conservation Service

Utah State Office

125 South State Street
Room 4010
Salt Lake City, UT 84138

Ph: 801-524-4550
Fax: 844-715-4928
www.ut.nrcs.usda.gov

Ms. Betsy Chapoose
Director
Cultural Rights Protection Department
Ute Indian Tribe of the Uintah & Ouray Reservation
P.O. Box 190
Fort Duchesne, Utah 84026

Reference: An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project (UDSH Project No. U18HX0417).

Dear Ms. Chapoose:

Enclosed is a resources report titled *An Archaeological Inventory for the Santaquin East Bench Flood Prevention Project*. In brief, the Natural Resources Conservation Service (NRCS) is providing technical and financial assistance to Santaquin City to install debris basins in the foothills east of the city for flood prevention. In accordance with the National Environmental Policy Act (NEPA) and NRCS guidelines, a Supplemental Watershed Plan and Environmental Assessment (EA) is being prepared for the project. The accompanying cultural resources report details the pedestrian inventory that was completed by Horrocks Engineers on behalf of the NRCS and Santaquin City to identify cultural resources that could be affected by the proposed construction of the debris basins. The Area of Potential Effects (APE) encompasses a total of 188 acres. For the purposes of Section 106 consultation, the NRCS has assumed the role of lead Federal agency. The United States Forest Service and Bureau of Reclamation are cooperating agencies.

Pedestrian inventory of the project area was completed in February 2018 by Horrocks Engineers under authority of PLPCO Permit No. 232 (Peter Steele, MA, RPA) and Utah Division of State History Project No. U18HX0417. The inventory resulted in the identification of two previously recorded historic trash scatters (42UT1322 and 42UT1323), the Strawberry Highline Canal (42UT473), and two newly recorded historic sites (42UT2020 and 42UT2021). Of the sites, the Strawberry Highline Canal was previously determined eligible for the National Register of Historic Places (NRHP) in 2000. The NRCS concurs with this determination. The remaining sites are determined ineligible for the NRHP.

Following the cultural resources inventory, a preferred alternative was selected through the NEPA alternatives evaluation process. The Preferred Alternative consists of five separate sites with debris basins placed at strategic locations within the drainage areas. Only one site, 42UT1322, a historic trash scatter, will be partially destroyed by the

Ms. Betsy Chapoose

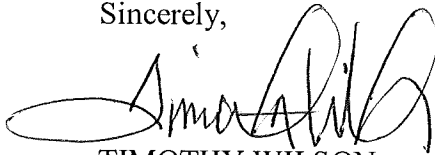
April 9, 2019

Page 2

construction of the debris basins. All other sites, including the Strawberry Highline Canal, are outside of the areas that will be disturbed by the debris basins.

The NRCS recommends that the proposed project proceed as planned with a determination of *no historic properties affected*. The NRCS requests concurrence for the determination of project effects. If you have any questions, comments, or concerns, please contact Tara S. Hoffmann, State Cultural Resources Specialist, at 801-524-4556 at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read 'Timothy Wilson', with a large, stylized initial 'T' and 'W'.

TIMOTHY WILSON
State Conservationist

Enclosure

cc: (w/o encl)

Norm Evenstad, Water Resources Coordinator, NRCS, Salt Lake City, Utah

Tara S. Hoffmann, State Cultural Resources Specialist, NRCS, Salt Lake City, Utah

Judy Inlay, Environmental Specialist, Horrocks Engineers, Pleasant Grove, Utah

Santaquin East Bench Flood Prevention - Environmental Assessment

Public Open House Summary Report

September 26, 2019

The following is a summary of the preparation and execution of the Public Open House for the Santaquin East Bench Flood Prevention Project located in Utah County, Utah.

Meeting Type: Santaquin City, as the project sponsor, and the United States Department of Agriculture - Natural Resources Conservation Service (USDA-NRCS) held a Public Open House to provide information regarding the proposal to install five debris basins along the East Bench as a flood prevention measure.

When/Where: The Public Open House was held on Thursday, September 26, 2019 from 5:00 to 7:00 p.m. at C.S. Lewis Academy, 364 North Hwy. 298, Santaquin, Utah 84655.

Advertisement: A variety of methods was employed to advertise the Public Open House (see Appendix Attachment 1).

- Approximately 30 Public Open House Notice letters were sent to a list of stakeholders provided by the USDA-NRCS.
- 1,050 postcards were sent to residents along the Santaquin East Bench area on September 13, 2019. Of these 1,050 postcards, 105 were returned as undeliverable.
- The Public Open House was advertised in a major publication: The Payson Chronicle on September 11, 2019 and September 18, 2019.
- Santaquin City advertised the meeting on their Facebook page on September 25, 2019.
- Santaquin City posted the Public Notice of Availability on the city website Public Notices section September 11, 2019.

Attendance: 22 people signed in at the front entrance (see Appendix Attachment 2).

Information Presented at the Meeting: The meeting boards outlined the following items: the project background, the project purpose and need, the project area, the project description, a description of debris basins, impacts to environmental resources, the NEPA process and schedule, proposed debris basin locations, images of each proposed debris basin, and how to comment (see Appendix Attachment 3).

Project Background - Identifies the agencies leading the project, the type of document, and the purpose of the document.

Purpose and Need - Informs the public about the stormwater flooding and debris flows from the east bench impacting infrastructure and private properties.

Project Area - Shows Santaquin City boundaries, the East Bench Watershed, and the impacted areas.

Project Description - Describes the Proposed Alternative, which is five separate debris basins, the purpose of the debris basins, and the visibility of the basins.

What is a Debris Basin? - Descriptions of a debris basin and an excavated debris basin are provided.

Environmental Resource Impacts - Details each of the resources that will be impacted by this project and provides a discussion on why it is impacted and what type of mitigation is proposed.

NEPA Process and Schedule - Outlines each step of the NEPA process, where the project is currently, and the month/year of each step.

Debris Basin Locations - Shows the location of each of the proposed debris basin.

Debris Basin 1 - Provides an image and a description of Debris Basin 1.

Debris Basin 2&3 - Provides an image and a description of Debris Basin 2&3.

Debris Basin 4 - Provides an image and a description of Debris Basin 4.

Debris Basin 5 - Provides an image and a description of Debris Basin 5.

Debris Basin 6 - Provides an image and a description of Debris Basin 6.

How to Comment – Details the comment period deadline, mail, and email information for comments.

Comments: Commenting for the public was available in a variety of ways:

- Email: samantha.patterson@horrocks.com
- Mail: Horrocks Engineers
Attn: Samantha Patterson
2162 W. Grove Parkway, Suite 400
Pleasant Grove, UT 84062
- The public had the chance to write and submit written comments during the public meeting

Three comments were received during the public open house (see Appendix Attachment 4).

Attachment 1: Public Hearing Advertisement



Santaquin Watershed, Utah County, Utah
Draft Supplemental Watershed Plan No. 1 and Environmental
Assessment for Santaquin Flood Prevention Project

Public Notice of Availability

The United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS), with assistance of Santaquin City as the project sponsor, announces the availability of a draft Environmental Assessment (EA) describing the proposed improvements within the Santaquin Watershed in Utah County, Utah. The project may be partially funded through the Watershed Protection and Flood Prevention Act of 1954 (PL83-566) and the Draft Plan-EA has been prepared in compliance with the National Environmental Policy Act (NEPA) per 40 CFR Parts 1500-1508.

You are invited to attend a public open house which will describe the alternatives analyzed and potential impacts to the environment from the project.

Public Open House

Date: September 26, 2019 - Thursday

Time: 5:00 PM to 7:00 PM (MST)

Location: C.S. Lewis Academy, 364 North Hwy 198, Santaquin, Utah 84655

Copies of the Draft Plan-EA are available for public review at:

- NRCS Salt Lake City Office, 125 State Street #4010, Salt Lake City, Utah 84138
- Santaquin City Offices, 275 West Main Street, Santaquin, UT 84655
- Santaquin City Library, 20 West 100 South, Santaquin, Utah 84655

An electronic copy of the Draft EA is also available for review on the NRCS website: bit.ly/waterops

Comments may be submitted during the public comment period starting September 9, 2019 and ending on October 15, 2019 to:

Mail: Draft Supplemental Watershed Plan No. 1 and Environmental Assessment for Santaquin Flood Prevention Project
c/o Horrocks Engineers
2162 W. Grove Parkway, Suite 400, Pleasant Grove, UT 84062

Email: samantha.patterson@horrocks.com

Phone: (208) 250-5538

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to Samantha Patterson at samantha.patterson@horrocks.com.

WE WANT YOUR INPUT

SANTAQUIN EAST BENCH FLOOD PREVENTION ENVIRONMENTAL ASSESSMENT

Come to a public open house to provide input about potential improvements to Santaquin's east bench watersheds.



Natural Resources Conservation Service



Public Open House

Santaquin City, as the project sponsor and in partnership with the United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS), is proposing to implement flood prevention measures within the Santaquin east bench watersheds.

You are invited to attend a public open house to review the Preferred Alternative and learn about the resource impacts from the study team. This is an opportunity for you to review the Draft Environmental Assessment and provide official comments. To view the Draft Environmental Assessment visit bit.ly/waterops.

WHEN

Thursday, Sep. 26, 2019
5-7 p.m.

WHERE

C.S. Lewis Academy
364 North Hwy. 198,
Santaquin, UT 84655

CONTACT US

208-250-5538
samantha.patterson@horrocks.com

Feel free to attend anytime between 5 and 7 p.m.
Please contact us for additional study information.

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting by calling **208-250-5538** or emailing [**samantha.patterson@horrocks.com**](mailto:samantha.patterson@horrocks.com).

**SANTAQUIN EAST BENCH
FLOOD PREVENTION**
ENVIRONMENTAL ASSESSMENT



Publication Name:
payson Chronicle

Publication URL:

Publication City and State:
Payson, UT

Publication County:
Utah

Notice Popular Keyword Category:

Notice Keywords:
Santaquin City

Notice Authentication Number:
201909121340203197742
1136056343

Notice URL:

Back

Notice Publish Date:

Wednesday, September 11, 2019

Notice Content

Public Notice of Availability

The United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS), with assistance of Santaquin City as the project sponsor, announces the availability of a draft Environmental Assessment (EA) describing the proposed improvements within the Santaquin Watershed in Utah County, Utah. The project may be partially funded through the Watershed Protection and Flood Prevention Act of 1954 (PL83-566) and the Draft EA has been prepared in compliance with the National Environmental Policy Act (NEPA) per 40 CFR Parts 1500-1508. You are invited to attend a Draft Environmental Assessment public meeting, which will describe the alternatives analyzed and potential impacts to the environment from the project.

Draft Environmental Assessment Public Meeting

Date: September 26, 2019 - Thursday

Time: 5:00 PM to 7:00 PM (MST)

Location: C.S. Lewis Academy, 364 North Hwy 198, Santaquin, Utah 84655

Copies of the Draft EA are available for public review at:

NRCS Salt Lake City Office, 125 State Street #4010, Salt Lake City, Utah 84138

Santaquin City Offices, 275 West Main Street, Santaquin, UT 84655

Santaquin City Library, 20 West 100 South, Santaquin, Utah 84655

An electronic copy of the Draft EA is also available for review on the NRCS website: bit.ly/waterops
Comments may be submitted during the public comment period starting September 9, 2019 and ending on October 15, 2019 to:

Mail: Draft Supplemental Watershed Plan No. 1 and Environmental Assessment for Santaquin Flood Prevention Project

c/o Horrocks Engineers

2162 W. Grove Parkway, Suite 400, Pleasant Grove, UT 84062

Email: samantha.patterson@horrocks.com

Phone: (208) 250-5538

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to Samantha Patterson at samantha.patterson@horrocks.com.
Published in The Payson Chronicle on September 11, 2019; and on September 18, 2019.

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Attachment 2: Public Open House Attendance



**SANTAQUIN EAST BENCH
FLOOD PREVENTION**
ENVIRONMENTAL ASSESSMENT

PUBLIC MEETING

SEPTEMBER 26, 2019

Name (Please print or write clearly)	Title/Representing	Email	Phone
Norm Everstad	NRCS	norm.everstad@usda.gov	801-524-4569
Daniel Ostrem	NRCS	daniel.ostrem@usda.gov	—
Lynne O'Herrington	owner		
Steve O'Herrington	owner		
Michael Johnson	Self	sdcherre@gmail.com	435-660-6582
George L. Bamberhuff	Self	mjg82439@gmail.com	
Dave Sanchez	Self	bggrandparents@hotmail.com	
Katie Dahl	Resident	dsanchez2740@gmail.com	801-471-9682
BEN REES	City Manager	dahlk10@yahoo.com	801-361-8908
Derek Hamilton	NRCS	breesus@santaquin.org	(801) 420 2052
Betsy Montoya	City Council	derek.hamilton@usda.gov	801-524-4560
Sheridan Metzner	Self	bmontoya@santaquin.org	801-754-1399
		mietzner@me.com	801-609-2158

Sign in sheet will become part of the public record for this project.



United States
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Agriculture

SANTAQUIN EAST BENCH FLOOD PREVENTION ENVIRONMENTAL ASSESSMENT

PUBLIC MEETING

SEPTEMBER 26, 2019

Name (Please print or write clearly)	Title/Representing	Email	Phone
Marilyn Ross	Resident	montraville51@yahoo.com	801-368-6082
Terry Ross	Resident		11 11 11
Marie Ashton			
Paul Ashton			801-318-0999
Bruce + Cathy Bradley	Resident		801-404-8175
* Mike Anderson		manderson@cslewisacademy.com	
Patty Jones	Resident	cookie.lady5@yahoo.com	801-754-5220
Sam Bellows + Larae	home owner	SamLarae@gmail.com	801-228-8832

Sign in sheet will become part of the public record for this project.

Attachment 3: Public Open House Materials



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WELCOME

SANTAQUIN EAST BENCH FLOOD PREVENTION

ENVIRONMENTAL ASSESSMENT

PUBLIC OPEN HOUSE

September 26, 2019

5 - 7 p.m.



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BACKGROUND

- Santaquin City, as the project sponsor and in partnership with the United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS), has prepared an Environmental Assessment (EA) to evaluate environmental impacts associated with proposed flood prevention measures within the Santaquin east bench watersheds.
- The National Environmental Policy Act (NEPA) and the Council on Environmental Quality's regulations (40 CFR Parts 1500-1508) require an evaluation of potential environmental impacts associated with federal projects and actions with input from the public.

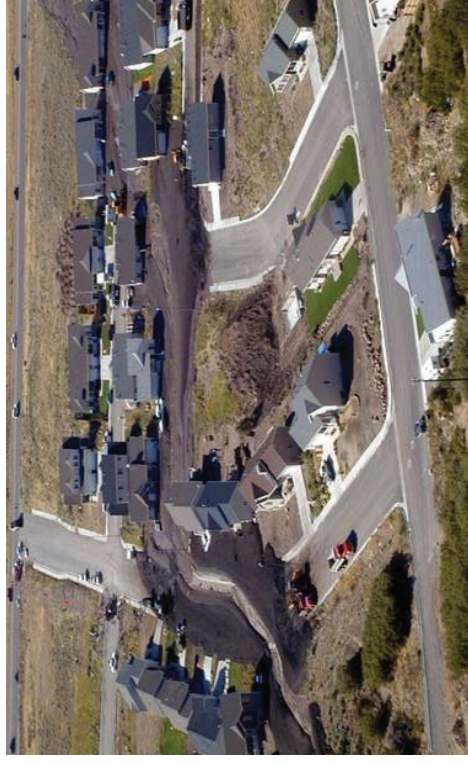


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PURPOSE & NEED

The purpose of the project is to control stormwater flooding and associated debris flow off Santaquin's east bench hillsides and prevent it from impacting private properties and public infrastructure.

The proposed action is needed because currently the study area lacks natural drainage channels to convey stormwater and debris flow away from residential and commercial properties along Santaquin's east bench and critical public infrastructure. Currently, due to the lack of natural channels in the area, stormwater and debris flow coming off the east bench results in sheet flow conditions within certain historic paths.



Debris Flow - September 2002



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PROJECT AREA





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PROJECT DESCRIPTION

The Proposed Alternative includes five (5) separate debris basins at strategic locations associated with the drainage areas, as shown on the Project Area Map.

The NRCS designed all of the debris basins to channelize flooding and debris flows into debris basins that would be excavated into the hillsides, each with a principal spillway and a 50-foot-wide concrete structural auxiliary spillway to allow for a controlled release of water from the debris basins into existing channels or into the existing flow patterns that would be the drainage corridor absent the basin.

These debris basins would be below grade to the extent possible to reduce the risk of failure and to blend in with the natural hillsides to minimize impact on the viewshed, as well as save on the cost of construction and maintenance.

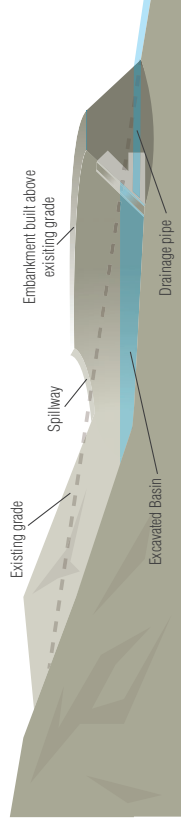


WHAT IS A DEBRIS BASIN?

A debris basin is a basin that is specially engineered and constructed for storing large amounts of sediment in ephemeral stream channels. Typically located at the mouths of canyons, debris basins capture the sediment, gravel, boulders, and vegetative debris that are washed out of the canyons during storms.

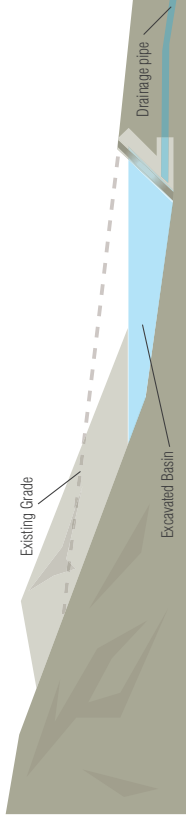
Debris Basin

Partially excavated basin and embankment built to collect debris and store stormwater.



Excavated Debris Basin

Fully excavated basin built to collect debris and store stormwater. No built up embankment.





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ENVIRONMENTAL RESOURCE IMPACTS

RESOURCE	ISSUE	DISCUSSION
SOILS		
SOILS AND GEOLOGIC CHARACTERST	Excavation required for the construction of proposed debris basins and associated features	The project would have an impact on soils in the study area during construction of the debris basin since the debris basins would require extensive excavation, but would not impact soil composition or otherwise impact geologic resources. The potential exists for impacts on the proposed flood prevention measures as a result of seismic activity, although the likelihood for seismic activity is low.
UPLAND EROSION	Erosion of upland soils impacting properties and infrastructure	The project would have a short-term increase in erosion during construction of the debris basins; however, protection measures would be installed during construction.
SEDIMENTATION	Prevention of debris flow	Debris basins are designed to catch sediment and flood flows during runoff events and reduce flood damage to properties below.
WATER RESOURCES		
HYDROLOGY	Prevention of flooding events from impacting properties and infrastructure	The project would have a minor alteration to the runoff hydrology in the project area in that it would catch flood flows to be safely released through the structures into historic drainage paths.
FLOODPLAIN MANAGEMENT	Prevention of flooding events from impacting properties and infrastructure	No FEMA-mapped floodplains are located in the study area. The debris basins would provide flood protection for properties below and are designed with outlets from the debris basins directing drainage into historic drainage paths.
AIR		
AIR QUALITY	Fugitive dust issues during construction	Construction activities would have temporary impacts to air quality in the study area.



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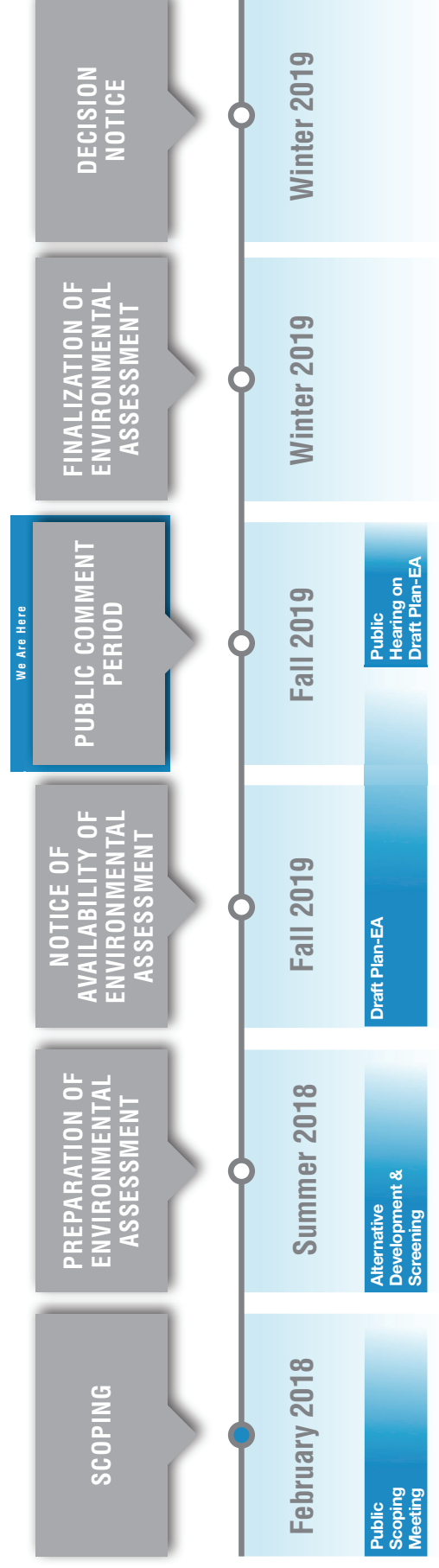
ENVIRONMENTAL RESOURCE IMPACTS

RESOURCE	ISSUE	DISCUSSION
VEGETATION		
VEGETATION COMMUNITIES/ HABITAT	Disturbing existing vegetation communities	Construction of the Debris Basin Alternative would temporarily impact existing vegetation communities and habitat. Disturbed areas would be reseeded with native vegetation in exposed, disturbed areas. Permanent impacts would result in those areas converted to flood prevention measures.
INVASIVE SPECIES	Construction activity that would disturb soils and allow for potential spread of invasive species	Due to construction activities, there is the potential to spread invasive species. BMPs would be used during construction to prevent the introduction or spread of invasive species.
WILDLIFE		
WILDLIFE COMMUNITIES	Disturbance to wildlife due to construction activities	There would be temporary impacts to wildlife communities during construction due to noise and other construction-related activities. No wildlife communities would be adversely impacted long-term.
HUMAN ENVIROMENT		
LAND USE	Required land acquisition	The proposed action would require land acquisition for the new drainage features (i.e., debris basins and associated structures), as well as easements for induced flooding concerns. Any needed land for the proposed debris basins would be acquired by Santaquin without any NRCS involvement, as the PL 83-566 Watershed Program does not authorize funding for land acquisition.
SCENIC BEAUTY/ VISUAL RESOURCES	Anticipated changes to the natural views in the study area due to the inclusion of new flood prevention mitigation measures	The proposed action would introduce new drainage features (i.e., debris basins and associated structures) into the watershed. The majority of the project improvements would be below grade, with the extent of the visual intrusion into the watershed dependent upon the height of dam structures, which varies by site.
PUBLIC HEALTH AND SAFETY	Prevention of flooding and debris flow events from impacting properties and infrastructure	The proposed action would address public health and safety concerns by reducing the risk of future flooding and debris flows from impacting residential and agricultural properties and public infrastructure.
SOCIOECONOMICS	Prevention of flooding and debris flow events from impacting properties and infrastructure	Due to the protection of private lands and public infrastructure with the implementation of flooding protection measures, the proposed action would protect existing and future properties, infrastructure, land uses and provide community peace of mind during flood events.



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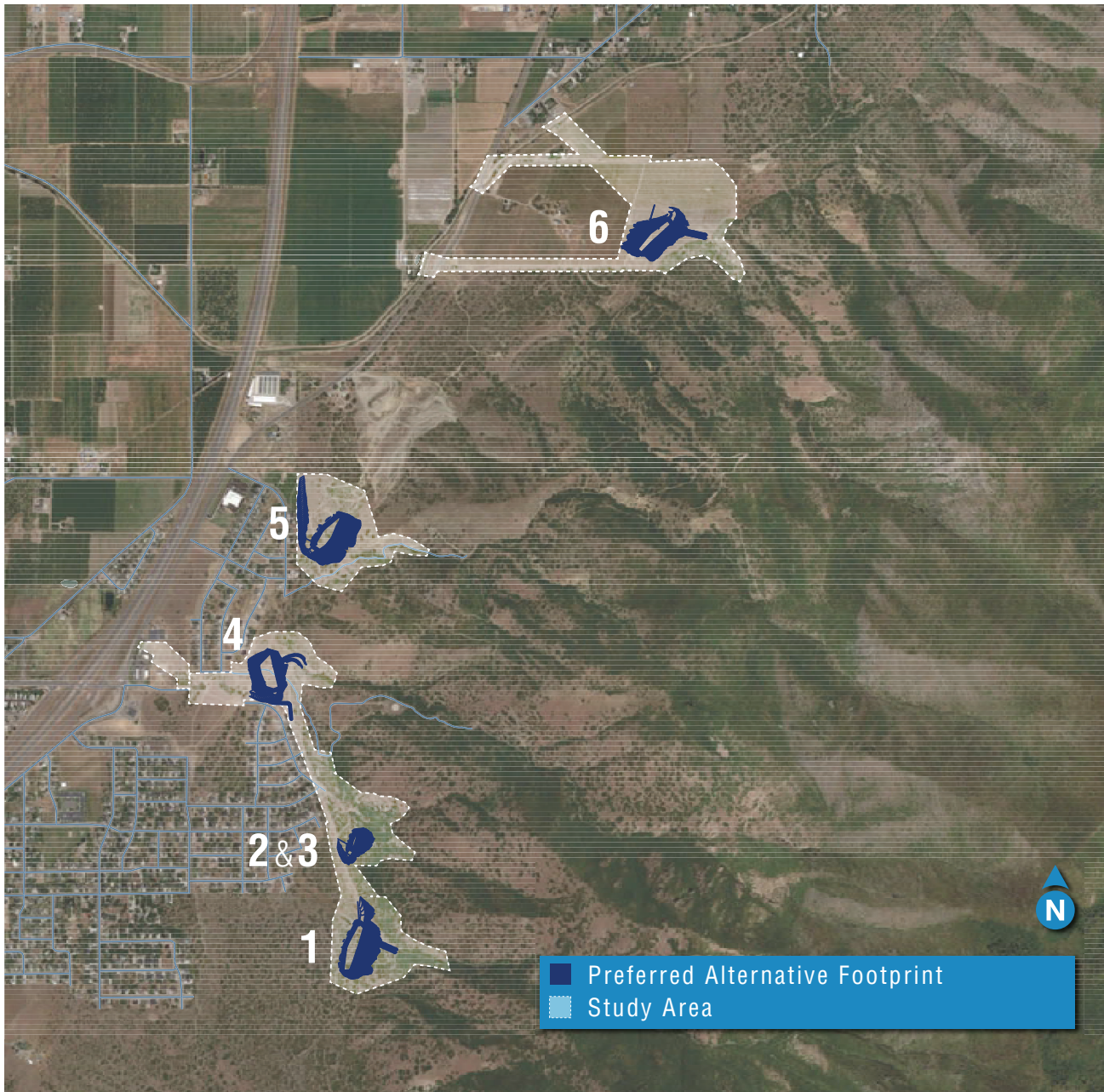
NEPA PROCESS & SCHEDULE





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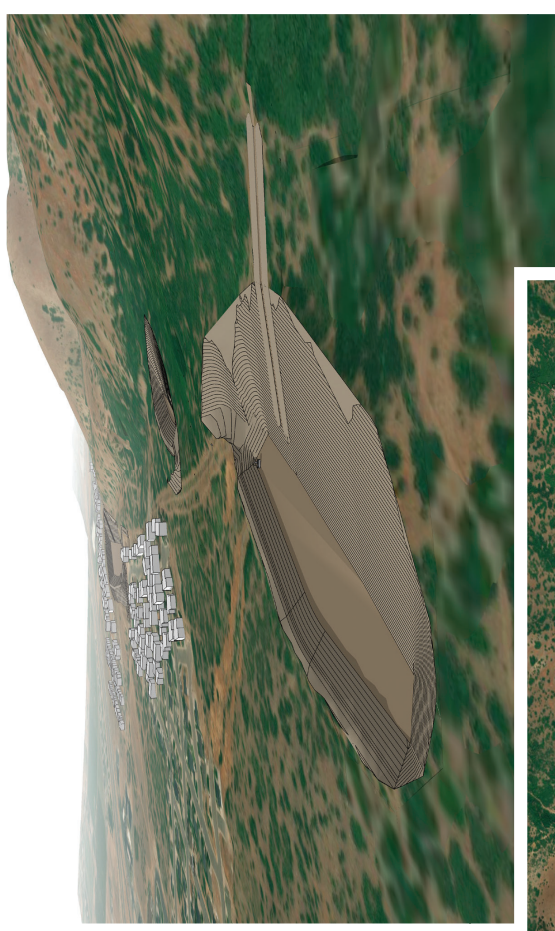
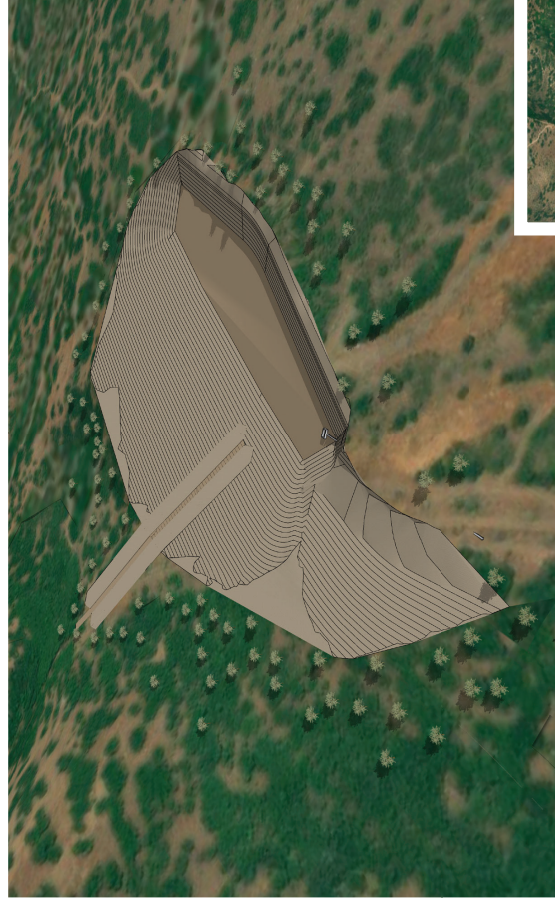
DEBRIS BASIN LOCATIONS





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DEBRIS BASIN 1

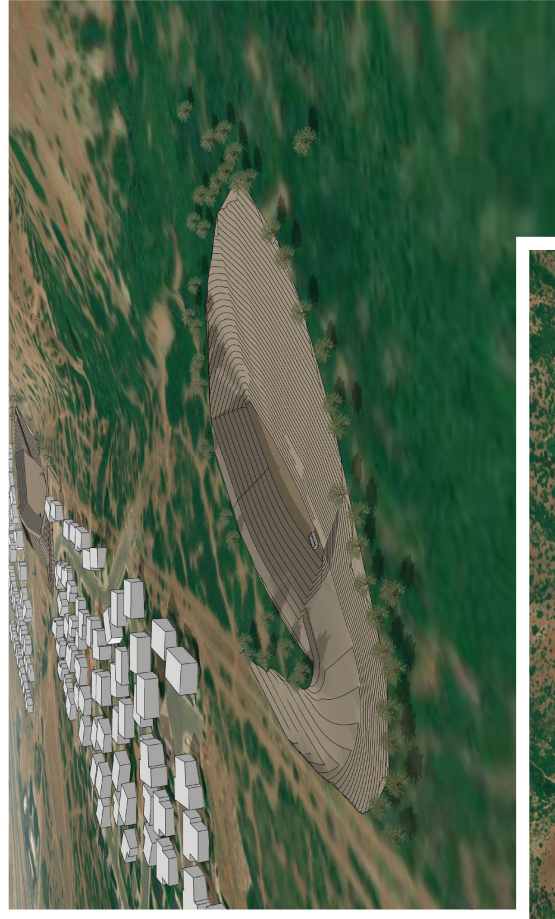


Site 1 consists of a below-grade debris basin designed to capture debris flows to protect residential properties located downstream. It has a concrete spillway that would direct excess water flows back to the existing natural drainageway.



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DEBRIS BASIN 2-3



The debris basin for the combined Sites 2 and 3 consists of a below-grade debris basin that would contain flows from both drainages and a concrete spillway that would allow excess water flows to exit the debris basin into the existing natural drainageway.



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DEBRIS BASIN 4

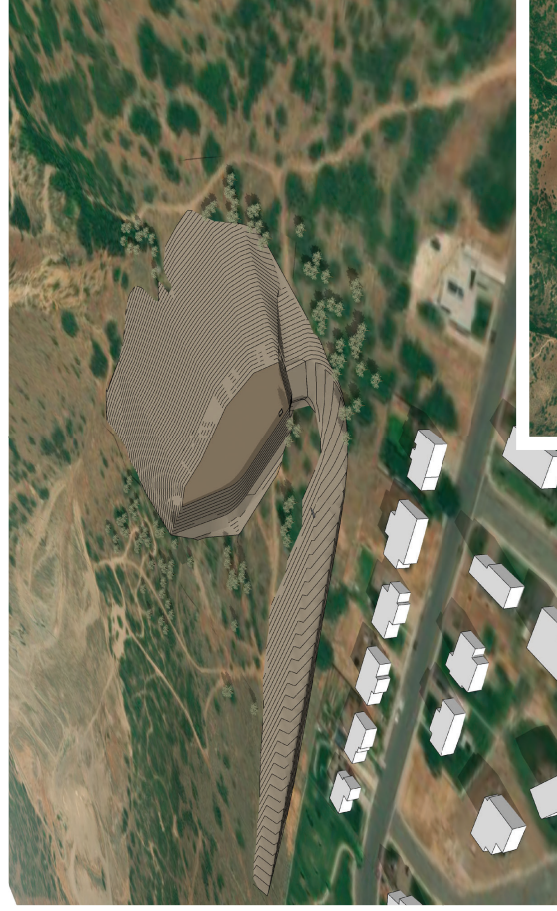


Site 4 consists of a debris basin that would be partially constructed above-grade with a 20-foot embankment that would be built about 19 feet above the existing grade. The existing hook channel would be diverted into this basin and capture flooding/debris flow and conduct excess flows to the existing natural drainageway via a concrete spillway.



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DEBRIS BASIN 5

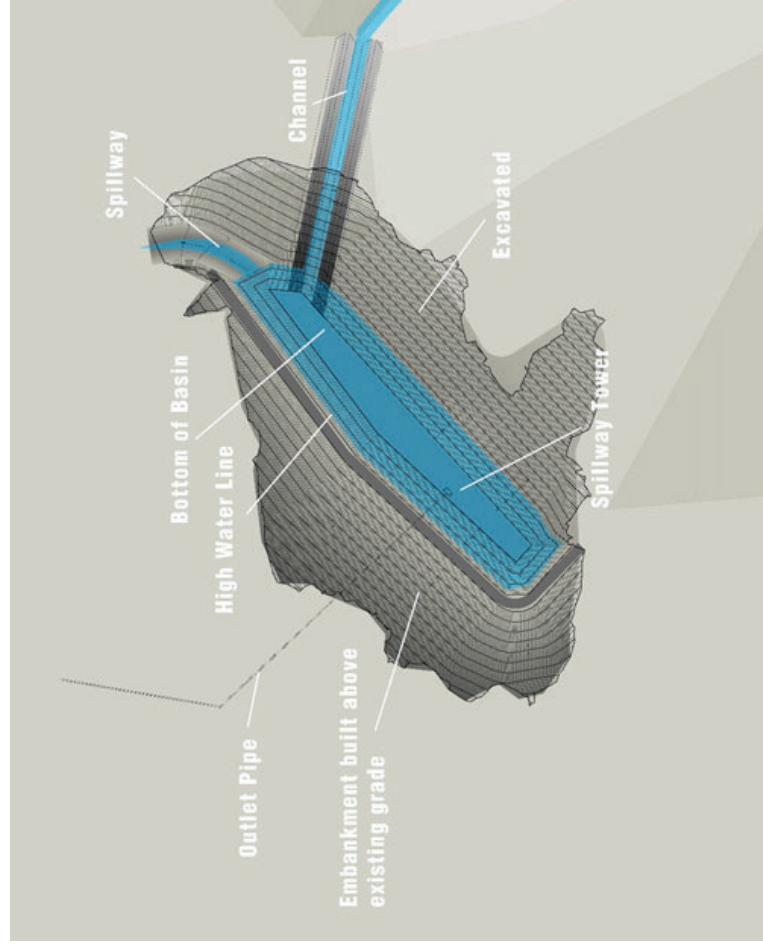


Site 5 consists of a debris basin to be constructed mostly below-grade and designed to hold a large amount of debris in order to provide protection to residences downstream. Any excess flows would be directed to their historic path via a concrete spillway.



DEBRIS BASIN 6

Site 6 consists of a debris basin that would be constructed partially above-grade with an 18-foot embankment that would be built about 23 feet above the existing grade. Excess flows would be directed to their historic pathways via a concrete spillway.





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HOW TO COMMENT

Comments are due by October 15, 2019



Submit comments tonight



Email:

samantha.patterson@horrocks.com



Mail:

Horrocks Engineers
Attn: Samantha Patterson
2162 W. Grove Parkway, Suite 400
Pleasant Grove, UT 84062



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Natural Resources Conservation Service

**BEN
REEVES**



USDA United States
Department of
Agriculture
Natural Resources Conservation Service

**CIANNA
WYSHNYTZKY**



USDA United States
Department of
Agriculture
Natural Resources Conservation Service

**JACOB
O'BRYANT**



USDA United States
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Agriculture
Natural Resources Conservation Service

**JUDY
IMLAY**



USDA United States
Department of
Agriculture
Natural Resources Conservation Service

**SAMANTHA
PATTERSON**



USDA United States
Department of
Agriculture
Natural Resources Conservation Service

**NORM
BEAGLEY**



USDA United States
Department of
Agriculture
Natural Resources Conservation Service

**NORM
EVENSTAD**



USDA United States
Department of
Agriculture
Natural Resources Conservation Service

**JASON
BOND**

Attachment 4: Public Open House Comments



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COMMENT FORM

SANTAQUIN EAST BENCH FLOOD PREVENTION ENVIRONMENTAL ASSESSMENT

CONTACT INFORMATION

Name: Marilyn Ross Organization: _____
Address: 350 So 400 East
City: Santaquin State: Ut Zip: 84655
Phone Number: 801-368 6082
Email: mountainviewfore@yahoo.com

COMMENTS

Submit comments by October 15, 2019

Please provide any input or concerns about the proposed project.

This sounds like a good project for the upper bench but we are on 400 East and we are sick of getting flooded with mud and water from the rain storms. All the water comes from the house above us that have sidewalks and all there water comes down & floods us cause we are the lowest house with no sidewalks so are house sits below the road also. And the water goes right into our house with mud and water.

Please provide any other information or comments you feel would be helpful to the study team.

We are getting old and have to go out with a shovel to try and divert the water and mud. All these new homes have brought on a heck of a lot of water down to us from there sidewalks and curb. It causes trenches to which we have to buy gravel every year to make our yard look nice. It is a never ending battle. Been there 45 yrs and never had trouble untill all these home were built.

Thank you for your input. We look forward to a successful project. Please email comments to samantha.patterson@horrocks.com or fold, secure and stamp this form and mail to the address on the back. Please postmark them on or before October 15, 2019.



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COMMENT FORM

SANTAGUIN EAST BENCH FLOOD PREVENTION ENVIRONMENTAL ASSESSMENT

CONTACT INFORMATION

Name: George L Brinkhoff Organization: home owner
Address: 12728 South 3620 West
City: Spring Lake (connected in to Santaguin) State: Utah Zip: 84651
Phone Number: 801-465-4720
Email: bgrandparents@hot mail.com

COMMENTS

Submit comments by October 15, 2019

Please provide any input or concerns about the proposed project.

In the last year, starting on Oct 3rd we have been hit by 5 mud slides. Thousands of tons of mud, rocks, and water. 2 lost October 3 in July of this year.

The Santaguin plan seems to address everything but us, and nowhere in Santaguin was affected nearly as seriously as we were. If the October floods had happened when the canal was full of water, the entire town of Spring Lake would have been flooded.

Please provide any other information or comments you feel would be helpful to the study team.

Why are we not being helped, are we not as important as other Santaguin residents? If we don't count, why did Santaguin annex us?

Thank you for your input. We look forward to a successful project. Please email comments to samantha.patterson@horrocks.com or fold, secure and stamp this form and mail to the address on the back. Please postmark them on or before October 15, 2019.



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COMMENT FORM

SANTAQUIN EAST BENCH FLOOD PREVENTION ENVIRONMENTAL ASSESSMENT

CONTACT INFORMATION

Name: Michael Johnson Organization: _____
Address: 319 N Appleview Dr
City: Santaquin UT State: UT Zip: 84655
Phone Number: _____
Email: MLJ82939@gmail.com

COMMENTS

Submit comments by October 15, 2019

Please provide any input or concerns about the proposed project.

Great descriptions & design of proposed debris basins.
All for it, especially if we have another fire on
the mountain.

Please provide any other information or comments you feel would be helpful to the study team.

Thank you for your input. We look forward to a successful project. Please email comments to samantha.patterson@horrocks.com or fold, secure and stamp this form and mail to the address on the back. **Please postmark them on or before October 15, 2019.**