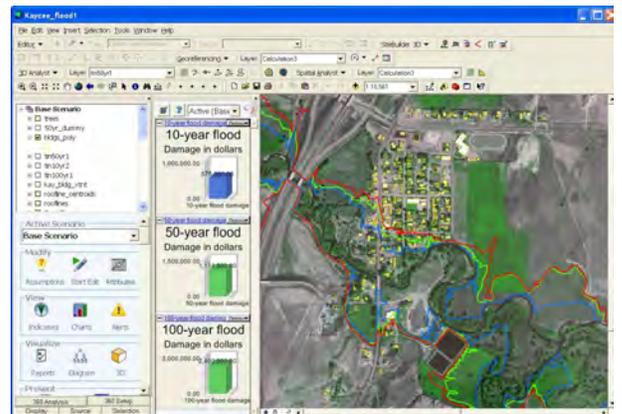


# Scoping Report

## Kaycee Flood Prevention Project

### Kaycee, Wyoming



**Prepared for:**  
Town of Kaycee  
Powder River Conservation District

**Prepared by:**  
Natural Resources Conservation Service  
Kaycee Field Office and Casper State Office

**April 10, 2006**

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## 1. Introduction

The Natural Resources Conservation Service (NRCS), working in cooperation with the Project Sponsors, is preparing an Environmental Assessment on a proposal to protect the town from flooding by installing flood control structures to protect the town from 100-year magnitude floods. The Project Sponsors include the Town of Kaycee and the Powder River Conservation District. The purpose of this scoping report is to inform interested and affected parties of the process of writing an Environmental Assessment and of the evaluation of the proposed alternatives.

### 1.1 Background

On August 27, 2002, an estimated four-foot wall of water swept through the Town of Kaycee, Wyoming from flooding in the Middle Fork of the Powder River. The damage in sections of Johnson County and specifically to Kaycee resulted from nearly 7.5 inches of rainfall that fell in portions of the Middle Fork of the Powder River Basin. Initial reports characterized the rainfall as a 500-year event; however, the follow up analysis indicates the event was in the range of a 100- to 200-year event. The intensity of the rainfall caused water torrents to sweep through the town causing residential and commercial buildings to be swept off of their foundations and careen into other structures and float down river. A post flood analysis by the Wyoming Emergency Management Agency performed on August 28, 2002 reported the following flood damage: 19 trailers, 22 houses, and 12 of 15 local business structures. This flood caused approximately \$2 million in damages to the Town of Kaycee. In the last 10 years, there have been six significant flood events through town.

Assistance for cleanup and reconstruction came from surrounding communities, as well as state and federal agencies. Total rehabilitation costs were \$902,339; the NRCS expended \$535,143 and local contributions amounted to \$367,196. Benefits and results from the cleanup and reconstruction process were as follows:

- 17,000+ hours of volunteer time was logged
- 23 homes, 6 businesses and 25 various vacant garages/outbuildings were removed
- 10+ acres of debris was removed
- 7,362 feet of river debris was removed
- 4 bridges were protected
- 6,390 acres of hayland and pastureland was protected
- 2,443 feet of streambank was protected
- Five public, 55 private and 19 business buildings were protected
- Six utilities were protected
- Estimated value of property protected - \$3,370,683
- Economic benefit estimates - \$982,125
- Environmental benefit estimates - \$2,040,925
- Social benefit estimates - \$3,679,757
- Total estimated benefit - \$10,073,490
- The benefit ratio for federal expenditures was 19:1

A Letter of Request was received on November 13, 2002 from the Project Sponsors for the development of a watershed planning effort to construct flood protection under the

authority of the Watershed Protection and Flood Prevention Act, Public Law (PL) 83-566, as amended (126 USC 10011008).

In August 2004 the Wyoming Board of Agriculture reviewed the PL 83-566 Application for Federal Assistance, ranked the project as a high priority, and recommended the project for planning assistance.

On August 21, 2004 the Planning Authorization for the initiation of a Watershed Project Plan Environmental Assessment was completed and signed by Lincoln E. Burton, State Conservationist, NRCS, Casper, Wyoming.

In collaborative effort the NRCS and the U.S. Army Corps of Engineers (COE) completed the Flood Damage Reduction Preliminary Investigation Report (PIR) in December, 2004

On March 17, 2005 a Public Scoping Meeting for the initiation of the planning effort was held at the Harold Jarrard Building in Kaycee, Wyoming. The NRCS presented the PIR to the project sponsors and the community of Kaycee. An open house was held to allow for public comments and to answer questions for those in attendance.

On March 7, 2006 an interagency scoping meeting was held to gain feedback from local, state, and federal agencies regarding issues and concerns related to the flood protection project.

## **1.2 Purpose of and Need for Action**

The purpose of the proposed action is for the protection of life and property by preventing future flooding of the Kaycee residences and businesses during a 100-year storm event on the Middle Fork of the Powder River, Wyoming. Action to control future flood flows through town is needed since the likelihood of future flood events of the Middle Fork of the Powder River are inevitable and can pose continued significant threat to public safety as well as contribute to significant damage to residential and business properties. In order to address the issue of flood control feasibly (it's not feasible, for example, to move the town) and effectively, it will be necessary to consider a combination of activities that allow flood flows to pass safely through Kaycee, while taking preventative measures to relocate permanent structures currently located in the 100-year floodplain. The Town of Kaycee does not have a designated Federal Emergency Management Agency (FEMA) floodplain map. There is a FEMA "Special Flood Hazard" map available, however, it is outdated and may not reflect the correct flood hazards in the community. The COE has been contracted to develop a floodplain map for FEMA covering the 100-year floodplain in Kaycee.

### **1.2.1 Purpose and Need Statement**

*Purpose: The purpose of the Kaycee Flood Protection Project is to reduce the threat to life and property from flooding of the 100-year storm event on the Middle Fork of the Powder River through the Town of Kaycee, Wyoming.*

## 2. Public Scoping Activities

The public scoping process is the initial step in the preparation of a sound environmental planning process. The scoping process identifies:

- Range of actions;
- Alternatives, including those to be explored and evaluated, and those that may be eliminated; and
- Range of environmental impacts.

Informational and/or outreach materials used as part of the scoping process for this project are listed below:

- Microsoft® PowerPoint presentation
- Information packets made available upon request from the Powder River Conservation District
- Newspaper articles and legal notices
- Preliminary Investigation Report (PIR), December 2004

As a part of the scoping process, formal announced scoping meetings are held to provide the opportunity for Federal, state and local agencies as well as the interested public to provide comments on the proposed actions.

### 2.1 Public Meetings

There were two public meetings held (Table 1) on the Kaycee Flood Protection Project. These meetings provided the project sponsors and NRCS feedback from the community as to their resource concerns and priorities.

<b>Date:</b>	<b>Meeting:</b>	<b>Number of Attendees:</b>
March 17, 2005	Public scoping meeting in Kaycee at the Harold Jarrard Park Building to identify resource concerns.	40
March 7, 2006	Public and interagency meeting in Kaycee at the Harold Jarrard Park Building to discuss resource concerns.	14

### 2.2 Scoping Announcements

There were three published announcements (Appendix A) and one invitation letter (Appendix B) for the public scoping meeting as shown in Table 2.

<b>Date:</b>	<b>Article:</b>
February 28, 2005	Invitation Letter to attend the scoping meeting.
March 1, 2005	<i>Legal Notice.</i> Kaycee Community Voice. 1 Mar 2005: 17.
March 3, 2005	<i>Public Notice.</i> Buffalo Bulletin. 3 Mar 2005: B10.
March 10, 2005	<i>Public Notice.</i> Buffalo Bulletin. 10 Mar 2005: B10.

## 2.3 Public Scoping Meeting

A public scoping meeting was scheduled, publicized, and held on March 17, 2005, at the Harold Jarrard Park Building in Kaycee, Wyoming. This meeting was held to identify the concerns of the local community regarding the proposed flood prevention project through the Town of Kaycee. A copy of the agenda can be seen in Appendix C. The public scoping meeting had many representatives (Appendix D) from a large variety of organizations, private citizens, and government agencies.

### 2.3.1 Scoping Meeting Format

The scoping meeting was structured with everyone in one large group for the introductions, project explanation, and history of what has been completed to date. A PowerPoint presentation of the aspects of the planning and a description of the PIR was presented with identification of the initially developed alternatives. The meeting was then opened up to allow the attendees to visit the agency personnel at various sites around the hall to view maps, presentations, ask questions and voice concerns. Provision was made to record any oral comments. Comment sheets were available for written comments that could be deposited in a box near the exit (Appendix E). Written comments were received for a period of thirty-four days through April 20, 2005.

### 2.3.2 Scoping Meeting Summary

The following alternatives identified in the PIR were presented and discussed at the scoping meeting. As a result of the discussion on the alternatives a list of issues, concerns, and opportunities was developed.

#### 2.3.2.1 Alternatives Presented and Discussed

##### Alternative A – No Action (Future without project)

This alternative would mean the proposed activity would not take place, and the resulting environmental effects from taking no action would be compared with the effects of permitting the proposed activity or an alternative activity to go forward. Where a choice of “No Action” by the agency would result in predictable actions by others, this consequence of the “No Action” alternative should be included in the analysis. CEQ Memorandum: Questions and Answers About the NEPA Regulations, 46 Fr 18026. The “No Action” Alternative would not provide any additional flood protection to the Town of Kaycee.

##### Alternative B – Upstream Detention or Storage

This alternative would consist of building a flood control dam upstream of the town of Kaycee. Flood water would be stored and control-released to prevent flooding in town. There is one site that has been evaluated in the past as a possible location. The reservoir could be used for flood storage, as well as irrigation water and recreation.

##### Alternative C – Levee/Floodwall (Dikes)

This alternative would consist of building flood embankments on both the north and south sides of the river from the freeway abutment to the downstream edge

of town. This alternative would require relocating and potentially flood-proofing some of the structures/residences in Kaycee.

#### Alternative D – Raising / Flood-proofing / Relocation

None of the measures examined in this alternative proved to be viable at reducing the 100-year flood elevations.

#### Alternative E – Nonstructural Relocation/Removal/Buyout

This alternative consists of a variety of techniques to prevent damage caused by flooding. Nonstructural techniques considered included flood-proofing of the structures located within the 100-year floodplain so that the lowest damageable floor is located above the flood level for which flood-proofing is protection is provided. A second nonstructural technique would be dry flood-proofing which involves sealing the exterior side of the structure walls with waterproofing compounds, impermeable sheeting, or other materials and using shields for covering and protecting openings from flood waters. These structures would be required to evacuate in the case of a flood event. Another technique would be the relocation or removal of structures from within the 100-year floodplain. Some residential development has taken place in or around Kaycee that would allow structures to be removed and relocated.

### **2.3.2.2 Issues / Concerns / Opportunities**

As part of the scoping process a list of issues, concerns, and opportunities was produced at the March 17, 2005 scoping meeting, with inclusion of 14 written comments received during the thirty-four day comment period. The scoping and interagency concerns were grouped into categories as shown below.

#### Floodwall with walkway

- Will this meet FEMA floodplain mapping requirements
- Needs walkway for recreation
- Landowner doesn't want walkway on dike thru their property

#### Flood coming from the north of Kaycee

- Concern of not being able to get to the river because of a dike
- Needs to be addressed as part of the project

#### Upstream storage

- Construction and Maintenance Costs
- Not helping with the problem because storms would impact below dam site
- Water rights issues
- Would storage also be available for irrigation water
- Recreation opportunities and possible impacts

#### Relocation

- Willingness to relocate if sewer and electricity are provided

Stream channel

- Needs to be cleaned out
- Analyze if fish blockage is constructed

Bridges

- Both bridges need to be addressed in order to be sure there are no obstructions
- Main street bridge needs another culvert to pass the water of flood flows

Upstream Warning System

- Install upstream warning system on the river
- Install warning at Interstate 25 (I-25) Bridge

Threatened & Endangered (T&C) Species

- Not a concern
- Check for nests
- Reevaluate if found
- Check for updated list of state species of concern

### 3. Agency Consultation/Coordination

#### 3.1 Lead Agency, Cooperating and Other Interested Agencies

The NRCS is the lead agency for the Watershed Project Plan Environmental Assessment. At this time there are no organizations with Cooperating Agency Status. Other interested agencies contributing in the process are: Wyoming Department of Transportation, Wyoming Game and Fish, Wyoming Water Development Commission, and Bureau of Land Management.

#### 3.2 Interagency Meeting

An interagency scoping meeting was held in Kaycee on March 7, 2006, at the Harold Jarrard Park. State, federal and local agencies were invited for input and identification of concerns related to this flood prevention project in Kaycee, Wyoming (see sign-in sheet in Appendix F). A copy of the agenda can be seen in Appendix G. Written comments were received for thirty-one days through April 7, 2006.

### 4. Native American Tribes

Tribal Consultation - Executive Order (EO) 13084: Attendance at the public meetings by tribal representatives does not satisfy the Tribal Consultation requirements of 36 Code of Federal Regulations (CFR) 800. When a preferred alternative is selected, if any potentially sensitive sites are threatened, appropriate tribal consultation will be initiated in accordance with NRCS state and national policies.

## 5. Cultural Resources

A search of the State Historical Preservation Office (SHPO) database was completed for the project area. No sites were identified in the Town of Kaycee boundaries. Sites found in the SHPO database search are listed in Appendix H).

On March 9, 2006, Jay Meyers, the NRCS archeologist made a reconnaissance survey of the proposed levee locations for possible cultural resources.

## 6. Scoping Results

The five alternatives, that were suggested and discussed throughout the scoping process, were narrowed down to two as a result of the scoping process. The remaining alternatives were eliminated when analyzed against the criteria as described in 6.1.2. Several existing studies and plans, as well as all comments received, were reviewed during the scoping process for information and data relative to the project.

### 6.1 Alternatives resulting from the scoping process

Alternatives formulated during the preliminary investigation and suggested alternatives from the March 17, 2005 public scoping meeting were combined and consolidated by an interdisciplinary team. These alternatives were then evaluated by the interdisciplinary team and project sponsors as a “first look” at potential resource issues/concerns with a brief economic analysis of benefit versus costs for each of the identified alternatives.

#### 6.1.1 Alternatives Advanced to Planning and Evaluation

##### Alternative A – No Action (Future without project)

This alternative would mean the proposed activity would not take place, and the resulting environmental effects from taking no action would be compared with the effects of permitting the proposed activity or an alternative activity to go forward. Where a choice of “No Action” by the agency would result in predictable actions by others, this consequence of the “No Action” alternative should be included in the analysis. CEQ Memorandum: Questions and Answers About the NEPA Regulations, 46 Fr 18026. The “No Action” Alternative would not provide any additional flood protection to the Town of Kaycee.

##### Alternative B – Dikes / Flood-proofing / Relocation

We are proposing an alternative that would combine the elements of some of the suggested alternatives into one. This alternative would consist of building flood levees and/or portions of floodwalls both north and south of the river from the freeway abutment to the downstream edge of town. Due to the placement of the levees, flood-proofing and relocation will be less extensive than first evaluated. With levees and floodwall construction for protection from a 100-year event only a small number of structures will need further protection

#### 6.1.2 Alternatives Not Advanced to Planning and Evaluation

All alternatives brought forward through the scoping process were analyzed against the following five criteria: 1) satisfaction of purpose and needs statement, 2) relative costs, 3) technological feasibility, 4) logistics, and 5) environmental consequences.

Alternatives that failed to meet the above criteria were eliminated from further study. Those alternatives not advanced into planning and evaluation will be referenced in the draft Environmental Assessment.

### 6.2 Existing Studies and Plans

The following is a list of studies, plans, and documents that were reviewed for pertinent information and data relative to the project area and the objectives of the project. This information was incorporated into the planning process along with any issues, concerns, and objectives.

- Flood Damage Reduction Preliminary Investigation Report for Kaycee, Wyoming
- Wyoming Water Development Commission (WWDC) – Middle Fork Powder River Dam and Reservoir Project – Conceptual Design Report
- State of Wyoming-State Engineer’s Office – Powder River Storage Development
- County Emergency Flooding Management Plan
- City Emergency Management Flooding Plan
- Wyoming Emergency Management Agency – Plans and Documents
- Forest Service Management Plan
- Bureau of Land Management (BLM) Area Resource Plan and Allotment Management Plans
- Past Emergency Watershed Protection projects
- Wyoming Department of Transportation – Hydrology and Bridge designs
- Draft Environmental Impact Statement – For the Proposed Reservoir on the Middle Fork of Powder River – USDI-Bureau of Land Management

### 6.3 Scoping Comments

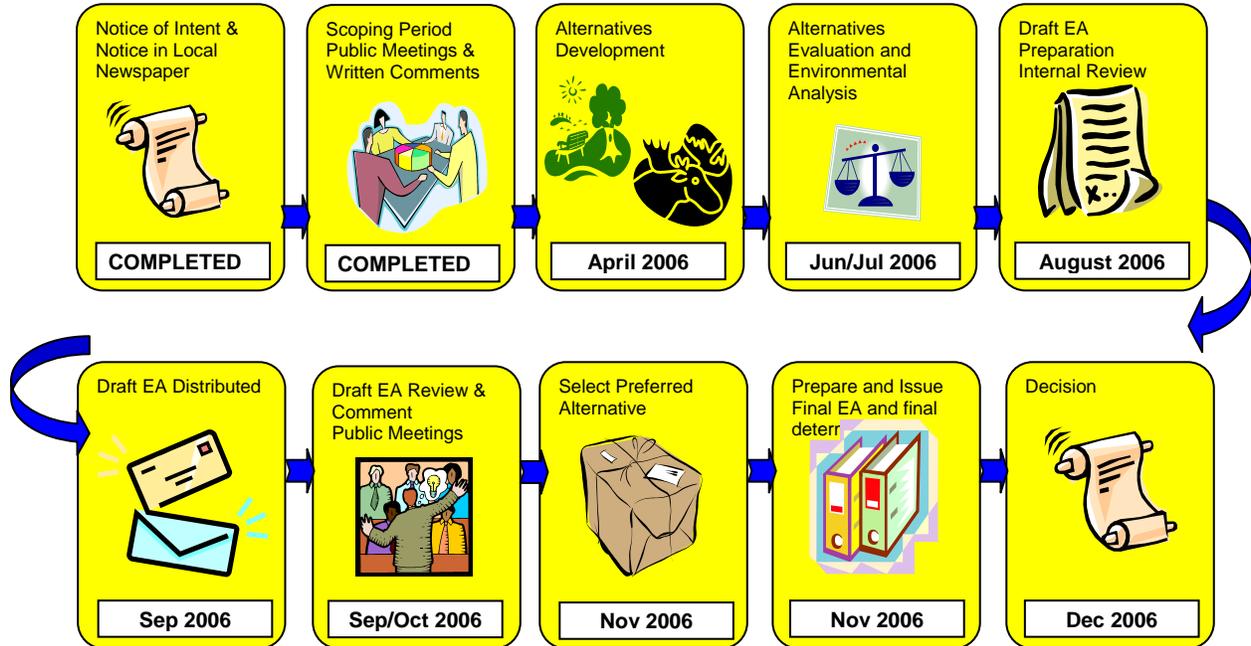
A complete list of issues and concerns as a result of the comments received through the scoping process can be found in Appendix I).

## 7. Interagency Planning Team

<b>NAME</b>	<b>AGENCY</b>	<b>TITLE</b>
Edie Bennett	NRCS	State Economist
Theresa Bowen	NRCS	Economics Assistant / Admin. Assistant
George W. Cleek IV	NRCS	Assistant State Conservationist
Rory Karhu	NRCS	Biologist
Allison McKenzie	NRCS	District Conservationist
Pete Meike	Power River Conservation District	Conservation District Chairman
Evan Murray	NRCS	Resource Conservationist
Mark Opitz	NRCS	State Conservation Engineer
Allen Streeter	Town of Kaycee	Mayor
Wendy Wagoner	Power River Conservation District	District Manager
Randy Wiggins	NRCS	State GIS Coordinator
Kip Yasumiishi	NRCS	Agricultural Engineer

### 8. Project Environmental Assessment (EA) Schedule

Kaycee Flood Protection and Stream Restoration Project EA Flow Chart\*



\* This diagram depicts the steps and projected timelines for the EA process

**Appendix A Published Announcements - Kaycee Flood Protection Scoping Meeting**

**March 1, 2005** **Voice** **Page 17**

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**Legal Notice**

The Powder River Conservation District, the Town of Kaycee, and the Natural Resources Conservation Service are holding a Public Scoping Meeting regarding the Town of Kaycee Flood Protection Project.

This Public Scoping meeting is to identify the concerns of the local citizens and the public in general, regarding the proposed flood prevention project through the Town of Kaycee. This meeting is scheduled for March 17, 2005, at the Harold Jarrard Park Building, 603 Nolan Avenue, Kaycee, WY from 7:00 to 9:00 p.m.

The Preliminary Investigation Report for Kaycee has been completed by the U.S Army Corps of Engineers and the Natural Resources Conservation Service (NRCS) and NRCS personnel will be available to discuss this information and to respond to questions from the local residents. The public will have the opportunity to express any concerns to the project and additional alternatives to consider. Concerns expressed in this process will be considered in the planning stages and the Environmental Assessment for this project.

To obtain an information packet, please contact Wendy Wagoner at the Powder River Conservation District Office, 350 Nolan Avenue, Kaycee, WY 307-738-2321.

Please contact Allison M. Engle, District Conservationist, Natural Resources Conservation Service, PO Box 48 Kaycee, WY 82834 307-738-2321 with questions regarding this public scoping meeting. Written comments regarding this scoping meeting for the Kaycee Flood Prevention Project should be directed to Allison Engle at the above address prior to April 18, 2005.

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**Public Notice**

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Town of Kaycee  
Natural Resources Conservation Service  
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Publish: March 3, 10, 2005

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Publish: March 3, 10, 2005

**Appendix B Invitation Letter to Kaycee Flood Protection Scoping Meeting (28 Feb 2008)****WACD**

Representing Wyoming's 34 Local  
Conservation Districts

*Powder River Conservation District*  
35C Nolan Ave.  
P.O. Box 45  
Kaycee, WY 82639  
Phone: (307) 738-2321  
Fax: (307) 738-2107  
Email: [wendy.wagoner@wy.nacdnet.net](mailto:wendy.wagoner@wy.nacdnet.net)

February 28, 2005

To Whom It May Concern:

The Powder River Conservation District would like to invite you to attend the Town of Kaycee Flood Protection Scoping Meeting. The purpose of the meeting is to provide the public with a project overview and an opportunity to express any comments, concerns, or alternatives regarding the town's plan for flood protection.

After the Town of Kaycee requested assistance from the US Army Corps of Engineers, the Powder River Conservation District, and the Natural Resources Conservation Services a combined effort was made to create a Preliminary Investigation Report. The report looked at five alternatives to determine if there is a "federal interest," which implies that flood protection would be a feasible and cost effective project. The following are the five alternatives that were considered: no action, upstream detention or storage, levees/floodwalls, diversion/cutoff channels/channel clearing, and non structural (raising, flood proofing, and relocation). Four of these alternatives had a favorable benefit to cost ratio.

Following the completion of this report the Town of Kaycee passed a resolution for NRCS to continue with the Flood Mitigation Program. Therefore, they will be completing an Environmental Assessment, which is an appropriate document for this project. The EA will address potential physical, biological, economic, and social effects on the human environment.

To deal with all of these issues it is essential for the Town of Kaycee to receive public input. As a result, a Flood Protection Scoping meeting has been scheduled for **March 17<sup>th</sup>, 2005**. The meeting will take place at the **Harold Jarrard Park**, 603 Nolan Avenue, in Kaycee at 7:00 p.m. Included you will find a copy of the agenda as well as a comment sheet. For more information about this meeting please contact the PRCD office. We hope you will be able to attend and that we will be able to address any questions or concerns that you may have.

Sincerely,

Wendy Wagoner  
PRCD District Manager

**Appendix C Agenda – Public Scoping Meeting (March 17, 2005)**

***Town of Kaycee Flood Protection  
Scoping Meeting***

*Date: March 17<sup>th</sup>, 2005*

*Time: 7:00 p.m.*

*Place: Harold Jarrard Park  
603 Nolan Avenue, Kaycee, Wyoming*

**Agenda**

Welcome	Allen Streeter, Mayor of Kaycee
Introductions	Pete Meike, Powder River Conservation District Chair
Project Overview	George Cleek, Acting State Conservationist, USDA Natural Resources Conservation Service
*Local Input and Open House	Pete Meike, Powder River Conservation District Chair

\*Please give us your issues, concerns, and additional alternatives to consider regarding the proposed Town of Kaycee Flood Protection Project.

**Appendix D Agencies, Business, Interest Groups and Individuals Invited to or Represented at Public Scoping Meetings**

Bennett, Edie (NRCS)	Streeter, Allen
Buckingham, Donna	Streeter, Val
Buckingham, Ross	The Honorable Barbara Cubin
Bureau of Land Management	The Honorable Doug Osborn
Christensen, Dwayne (Kaycee Lions)	The Honorable John Schiffer
Christensen, Diane	The Honorable Michael Enzi
Clabot, Gus	The Nature Conservancy
Cleek, George W. (NRCS)	Thompson, Bob
Cleveland, Randy	Town of Kaycee
Cohee, Janet	Trout Unlimited - Wyoming
Collins, Lorrene	U.S. Army of Corps of Engineers
Cornthwaite, Diana	U.S. D.A. Farm Services Agency
Cornthwaite, Lyle E.	U.S. D.A. Forest Service
Cunningham, Greg (PRCD)	U.S. D.A. Natural Resources Conservation Service (NRCS)
Department of Environmental Quality	U.S. Environmental Protection Agency
Elm, Kent (WY DOT)	U.S. Fish and Wildlife Service (US FWS)
Federal Emergency Management Agency	U.S. Geological Survey
Gaddie, Don (NRCS)	U.S. Postal Service - Kaycee Post Office (USPS)
Governors Planning Office - Wyoming	UW Cooperative Extension Service
Harlan, Jo	Wagoner, Wendy (PRCD)
Harlan, Joni	Welsch, Mary (USPS)
Harlan, Tom	Wichers, Bill (WY G&F)
Jarrard, Sue	Wiggins, Randy (NRCS)
Johnson County Commissioners	Winsor, Ray
Johnson County Emergency Mng Coordinator	Wyoming Agriculture Business Association
Johnson County Weed and Pest	Wyoming Association of Conservation Districts
Kaycee Lions Community Foundation	Wyoming Association of Municipalities
Kaycee Town Council	Wyoming Audubon
Kelly, Brian (US FWS)	Wyoming Business Alliance
Kennedy, Eileen (Kaycee Town Council)	Wyoming Chapter, Sierra Club
Knapp, Tom	Wyoming Department of Agriculture
LaBonde, Harry C.	Wyoming Department of Transportation (WY DOT)
League of Women Voters	Wyoming Ducks Unlimited
McKenzie (formerly Engle), Allison (NRCS)	Wyoming Farm Bureau Federation
Meike, Peter (PRCD)	Wyoming Game and Fish Department (WY G&F)
Murdock, Charles A.	Wyoming Office of Homeland Security
Murray, Evan (NRCS)	Wyoming Pheasant Forever
Office of State Lands	Wyoming Rural Development Council
Ogle, Phil (WWDC)	Wyoming State Engineer's Office
Opitz, Mark (NRCS)	Wyoming Stock Growers Association
Powder River Basin Resource Council	Wyoming Water Development Commission (WWDC)
Powder River Conservation District (PRCD)	Wyoming Wildlife Federation
Rocky Mountain Farmers Union	Wyoming Wool Growers Association
Rogers, Brad	



**Appendix F Roster – Interagency Meeting (March 7, 2006)**

March 07, 2006

Sign In

Allen [Signature]	TOWN OF KAYCEE
C. Scott Meyers	Wyoming office Homeland Security
Mark Opitz	NRCS
Harry LaBonde	State Engineer's Office
Raichy Wiggum	NRCS - Casper
[Signature]	ARCO
Chris Hanson	BLM - Buffalo Field Office
Roxie Furrival	Harold Jarrard Park
Robin Bailey	Senator Enrie
Boey [Kantu]	NRCS
Ewan [Murray]	NRCS
Aelison [Imkenzie]	NRCS
Mike Wase	<del>Dept of Ag</del> WY Stockpome
Wendy [Lukgoner]	

**Appendix G Agenda – Interagency Meeting (March 7, 2006)**

***Town of Kaycee Flood Protection  
Inter-Agency Scoping Meeting***

***Date: March 7<sup>th</sup>, 2006***

***Time: 1:00 p.m.***

***Place: Harold Jarrard Park  
603 Nolan Avenue, Kaycee, Wyoming***

***Agenda***

- |                           |  |
|---------------------------|--|
| Welcome and Introductions | Allen Streeter, Mayor of Kaycee  |
| Project Overview          | Randy Wiggins, Acting ASTC<br>Mark Opitz, State Conservation Engineer<br>Rory Karhu, Biologist |
| *Agency Input or Concerns | Evan Murray, Natural Resources Conservation Service  |

\*Please give us your issues and concerns regarding the Town of Kaycee Flood Protection Project.

**Appendix H State Historical Preservation Office (SHPO) database search list**

County	Site	Location	City	Description
Johnson	Dull Knife Battlefield	N of Barnum	Barnum	
Johnson	Lake Desmet Segment, Bozeman Trail	Address Restricted	City Unavailable	Bozeman Trail in Wyoming MPS
Johnson	Trabing Station--Crazy Woman Crossing	Address Restricted	City Unavailable	Bozeman Trail in Wyoming MPS
Johnson	AJX Bridge over South Fork and Powder River	I-25 W. Service Rd. (old hwy 87)	Kaycee	Vehicular Truss and Arch Bridges in Wyoming TR
Johnson	Sussex Post Office and Store	Sussex Rd. and Powder R.	Kaycee	
Johnson	Cantonment Reno	5 mi. N of Sussex at Powder River	Sussex	
Johnson	EDZ Irigary Bridge	Cty. Rd. CN16-254	Sussex	Vehicular Truss and Arch Bridges in Wyoming TR
Johnson	Fort Reno	E of Sussex on Powder River	Sussex	
Johnson	Powder River Station--Powder River Crossing (48JO134 and 48JO801)	Address Restricted	Sussex	Bozeman Trail

**Appendix I Comments received through the scoping process**

<ul style="list-style-type: none"> <li>Upstream warning device should be installed</li> </ul>	<ul style="list-style-type: none"> <li>Support dike and walkway, the sooner the better</li> </ul>
<ul style="list-style-type: none"> <li>Support dike with walkway on top</li> <li>Support a second bridge crossing in town</li> </ul>	<ul style="list-style-type: none"> <li>Unlikely to affect</li> <li>If alternatives change or affects change another analysis may need to be done</li> <li>Use updated list for species</li> </ul>
<ul style="list-style-type: none"> <li>Support floodwall/dike</li> <li>I-25 bridge and town bridge need attention</li> <li>Storage expensive and was above the 2002 storm</li> </ul>	<ul style="list-style-type: none"> <li>Need to analyze the existing water rights</li> <li>Include a study of storable water available to the state</li> <li>Keep us informed on the project</li> </ul>
<ul style="list-style-type: none"> <li>Support dike close to the river with a walkway and as scenic as possible</li> <li>Anything around Harold Jarrard Park needs to be horse trailer friendly, so it doesn't scrape the bottom</li> </ul>	<ul style="list-style-type: none"> <li>Some native species are found in the river</li> <li>If alternatives are considered that re-route the channel or cause disturbance or impede fish passage, the analysis of the environment will need to be done more completely</li> </ul>
<ul style="list-style-type: none"> <li>Support dike as cost effective</li> <li>Does not support walkway on dike</li> <li>Do not want 1 dike on one side of the river affecting the people on the other side</li> <li>Flooding coming from the north of town would come against the dike and turn the town into a reservoir</li> </ul>	<ul style="list-style-type: none"> <li>Support a floodwall, but save the big trees</li> <li>FEMA will the flood wall be certified by FEMA</li> <li>Would support relocation if sewer and electricity were provided</li> <li>Will FEMA accept the new floodplain</li> </ul>
<ul style="list-style-type: none"> <li>Berm on north and south done so least affect to owners</li> <li>Clean existing channel</li> <li>Flood monitoring/warning system installed at I-25 bridge</li> <li>Minimize obstructions on I-25 and main street bridges</li> <li>Oppose storage as expensive and site was above last flood's storm</li> <li>Concern about flooding from the north</li> </ul>	<ul style="list-style-type: none"> <li>Own land on both sides of the river in town</li> <li>Support up stream storage</li> <li>Construct canal around Kaycee to carry excess flood waters</li> <li>If construct 2 dikes, water from the north may cause a problem getting to the river</li> <li>Nolan street bridge needs another culvert installed under it</li> </ul>