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 Natural Resources Conservation Service
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Brush Creek Watershed – Site 9, 14, & 15 Dam Rehabilitation Meeting Agenda - July 27, 2022

Intro

Project Overview

Land Rights

NRCS National Watershed Program Manual

504.2 Agreements

- Project Agreement
- Real Property Assurance
- O&M Agreement
- Drug Free workplace certification

504.3 Real Property Rights

- Required Land Rights
 - 504.3 Real Property Rights, C. Requirements (this is updated policy located in Circular 390-21-1, Attachment B.

Land Rights Elevations

Site 15

Recommended Elevation	Top of Dam Elevation	2506.3
Min Required Elevation	100-yr., 24-hour Storm Elevation	2492.6

Site 14 (the Plan EA requires the minimum land rights to be no lower than the crest of the auxiliary spillway)

Recommended Elevation	Top of Dam Elevation	2446.7
Min Required Elevation	Auxiliary Spillway Crest Elevation	2432.6
Potential Variance Elevation	100-yr., 24-hour Storm Elevation	2425.5

Site 14 Variance

- Easements
- Induced Flooding Areas
- Temporary construction and access easements



Funding

NRCS National Watershed Program Manual

505.35 Rehab Project Plans - Cost Sharing

- Federal Cost Share Limits
 - 65% of total eligible project Costs
 - Up to 100% of actual construction costs
- SLO Cost Share
 - Cost share in the form of Cash, In-Kind Services, and/or Value of Land Rights
 - Land rights must be determined by a qualified professional appraiser
 - No cash reimbursement for in-kind services above 35% cost share amount
 - An MOU must be established that defines and establishes a maximum value of non-federal in-kind contributions.
 - Determination of final amounts will be at the discretion of the NRCS
- Site 15 Cost Share
 - Table below from Plan Environmental Assessment (Plan EA) (2018 costs)
 - Current Construction Cost Estimate
 - Detailed Design Phase – Construction Cost Estimate \$6,200,000 (2022 costs) **

Works of Improvement	NRCS	Sponsors	Total
Cost Sharable Items			
Rehabilitation of dam (Construction Costs)	\$3,437,000	\$1,459,000	\$4,896,000
Relocation, Replacement-in-kind	\$0	\$0	\$0
Relocation, Required Decent, Safe, Sanitary	\$0	\$0	\$0
Sponsors Planning Costs	NA	\$0	\$0
Sponsors Engineering Costs	NA	\$49,000	\$49,000
Sponsors Project Administration	NA	\$342,700	\$342,700
Land Rights Acquisition Cost	NA	\$0	\$0
Subtotal: Cost-Share Costs	\$3,437,000	\$1,850,700	\$5,287,700
Cost-Share Percentages ^a	65%	35%	100%
Non Cost-Sharable Items^b			
NRCS Engineering & Project Administration	\$1,909,400	NA	\$1,909,400
Natural Resources Rights	NA	\$0	\$0
Federal, State, and Local Permits	NA	\$50,000	\$50,000
Relocation, Beyond Required Decent, Safe, Sentry	NA	\$0	\$0
Subtotal: Non Cost-Share Costs	\$1,909,400	\$50,000	\$1,959,400
Total Cost	5,346,400	1,900,700	7,247,100

**

^a Maximum NRCS cost-share is 65% of Cost-Sharable Items not to exceed 100% of construction cost (including Replacement-in-kind; Required Decent, Safe, Sanitary; and flood proofing downstream properties).

^b If actual Non Cost-Sharable Items expenditures vary from these figures, the responsible party will bear the change.

Note: The Green Valley-Glenwood Public Service District, will have the responsibility, if necessary, to obtain and use a temporary alternative water supply during the rehabilitation construction. The cost associated with the subject rights are not eligible as part of the Sponsors' cost-share requirements.

- Site 14 Cost Breakdown
 - Table below is from Plan Environmental Assessment (Plan EA) (2018 costs)
 - Current Construction Cost Estimate
 - Detailed Design Phase Construction Cost Estimate \$4,879,000 (2022 costs) ***

Project Costs	PL 106-472 Funds	Other Funds	Total
Construction	\$2,635,800	\$864,300	\$3,500,100
Engineering	\$946,200	\$250,000	\$1,196,200
Real Property Rights	\$0	\$5,000	\$5,000
Relocation	\$0	\$0	\$0
Project Administration	\$157,700	\$300,000	\$457,700
Required Permits	\$0	\$4,000	\$4,000
Total	\$3,739,700 72%	\$1,423,300 28%	\$5,163,000

NWPH National Watershed Program Handbook

605.35, F. Non-Federal Contributions

In-Kind Services include, but are not limited to:

- Technical services
- Project administration
- Use of equipment
- Contributions of building materials
- Attorney fees
- Financial management
- Land rights

Direct costs vs In-Direct Costs

- MOU

Construction Contracting

- Contracting Entity - Local or Federal
- Construction Sequencing

Site 9 Sponsorship

Site 14 & 15 Reviews