

**NARROWS PROJECT
SUPPLEMENTAL DRAFT
ENVIRONMENTAL IMPACT STATEMENT**

APPENDIX F

ENVIRONMENTAL COMMITMENTS

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Narrows Project

Supplemental Draft

Environmental Impact Statement

Environmental Commitments

The following list summarizes major environmental commitments for the Narrows Project, Utah. These commitments would be included in construction contracts and other agreements to ensure their implementation. Mitigation measures would be concurrent with project construction. If environmental commitments are not kept, project funding would be withheld by the Bureau of Reclamation. Additionally, the 404 Permit issued by the U.S. Army Corps of Engineers (USACE) could restrict filling of the reservoir if environmental commitments are not met.

1. Prior to initiation of final design and construction, detailed cultural resource surveys would be performed along the proposed alignments of the Upper Cottonwood Creek, Oak Creek, and East Bench Pipelines. If cultural resource sites are found, the pipelines would be re-routed where possible to avoid the impact. If the pipeline cannot be re-routed, appropriate mitigation would be developed through coordination with the State Historic Preservation Office.
2. Contractors would be required to cease work immediately if they should discover prehistoric, historical, or archeological evidence during construction. Work would not be resumed until such evidence is properly evaluated by qualified cultural resources specialists.
3. Evaluate three previously recorded sites in pool area as to the *National Register of Historic Places* (NRHP) eligibility. Limited testing necessary to evaluate the sites will be accomplished through placing auger holes in a pattern on each site or excavating test units.
4. Inventory any of the pool area, dam construction zone, and road realignments not inventoried in 1976, including ¼-mile zone around pool area that would be impacted by recreational use of the reservoir. Inventory the location of all recreational facilities proposed in the project plan, in addition to all areas slated for wetlands enhancement.
5. Inventory and evaluate the existing tunnel delivery system on Gooseberry Creek as to its NRHP eligibility.
6. Conduct a paleontological literature search and survey of the project area and its immediate vicinity with the particular view of assessing the likelihood of recovering Pleistocene fauna during the project.

7. All construction activities would comply with applicable Federal and State laws, orders, and regulations relating to air and water quality. This would include obtaining proper permits, such as a 402 Storm Water Permit, from the State of Utah, and complying with any limitations imposed by those permits. Best management practices specified in the *Nonpoint Source Water Pollution Control Plan for Hydrologic Modification in Utah* would be implemented as a requirement of all construction contracts.
8. All construction contractors would be required to comply with Federal and State laws concerning the use of pesticides and hazardous wastes.
9. The asphalt road surface and road base would be removed from the reservoir basin.
10. All disturbed landscape would be recontoured and revegetated with native plant species immediately after project construction.
11. The Sanpete Water Conservancy District (SWCD) would have primary responsibility for implementation of all wildlife measures described in chapter 2 of the Narrows Project, Supplemental Draft Environmental Impact Statement (SDEIS). SWCD would be responsible for funding this action and acquiring all lands and easements. SWCD would provide native seed to supplement the U.S. Department of Agriculture Forest Service (USDA Forest Service) native seed mixture for the watershed and range improvement project identified as mitigation. SWCD would fund and construct all improvements, such as fencing for the range improvement project on USDA Forest Service land. This work would be performed concurrently with construction of other project facilities such as the dam, tunnel rehabilitation, and pipelines. All lands and rights-of-way would be acquired, and initial construction of wildlife measures would be completed prior to initial filling of the reservoir. SWCD also would be responsible for funding the mitigation monitoring. SWCD would be responsible to enter into memorandum of agreements (MOAs) with the Utah Department of Wildlife Resources (UDWR), USDA Forest Service, and other appropriate agencies for all wildlife measures. The MOAs clearly would define the roles and responsibilities of the SWCD, UDWR, USDA Forest Service, and other parties for implementation and maintenance of the wildlife measures.
12. SWCD would have primary responsibility for implementation of the wetlands measures described in chapter 2 of the SDEIS. SWCD would be responsible for funding this action and acquiring all lands and rights-of-way. SWCD would provide and transplant any native plantings needed. SWCD would be responsible to ensure that all fences are in good repair and are maintained properly. SWCD would also be responsible to install and maintain any diversion and/or irrigation

facilities. This work would be performed concurrently with construction of other project facilities, such as the dam, tunnel rehabilitation, pipelines, and canals. All lands and rights-of-way would be acquired and initial construction of wetlands measures would be completed prior to initial filling of the reservoir. SWCD also would be responsible to fund the monitoring of the wetland mitigation. SWCD would be responsible to enter into MOAs with UDWR, USACE, and other appropriate agencies for all wetlands measures. The MOAs would clearly define the roles and responsibilities of SWCD, UDWR, USACE, and other parties for implementation and maintenance of the wildlife measures.

13. SWCD would have primary responsibility for implementation of all fishery measures described in chapter 2 of the SDEIS. SWCD would be responsible for funding this action and acquiring all lands and rights-of-way. SWCD would fund and construct all improvements, such as fencing and stream channel improvements. SWCD would provide water from its water rights or enter into operating agreements for all instream flows described in chapter 2 of the SDEIS. This work would be performed concurrently with construction of other project facilities, such as the dam, tunnel rehabilitation, pipelines, and canals. All lands and rights-of-way would be acquired, and initial construction of fishery measures would be completed prior to initial filling of the reservoir. SWCD would be responsible to fund all operation and maintenance costs of mitigation facilities. SWCD would be responsible to enter into a MOA with the UDWR and other appropriate agencies for all fishery measures. The MOA would clearly define roles and responsibilities of SWCD, UDWR, and other parties for implementation, monitoring, and maintenance of the fishery measures.
14. SWCD would comply with all existing policies and regulations requiring the preparation, submittal, and implementation of a water conservation plan for the Narrows Project.
15. SWCD has adopted a policy that would require all recipients to implement conservation practices to be eligible for project water.
16. Re-initiation of the Section 7 consultation process would be required to discuss additional Endangered Species Act conservation measures in the event sufficient progress has not been achieved under the Recovery Implementation Program.