Eastside Lateral Piping Project, as part of the East Fork Irrigation Modernization Project

Mitigation Action Plan

SUMMARY

This Mitigation Action Plan is for the Eastside Lateral Piping Project, a discrete portion of the East Fork Irrigation Modernization Project. The project would convert the East Fork Irrigation District's open ditch conveyance to pressurized pipes and infrastructure in Hood River County, Oregon.

This Mitigation Action Plan includes all of the integral elements and commitments made in the watershed plan environmental assessment (Plan-EA) to mitigate potential adverse environmental impacts for the Eastside Lateral Piping Project portion of the East Fork Irrigation Modernization Project.

BPA, the Confederated Tribes of the Warm Springs Reservation of Oregon (CTWS), and its contractor are responsible for implementing the mitigation measures during various phases of project construction. *Relevant portions of this mitigation action plan will be included in the construction contract specifications, which will obligate the contractor to implement the mitigation measures identified that relate to contractor responsibilities during and after construction.*

If you have any general questions about the project, contact the Project Manager, Eric Andersen: toll-free telephone 800-622-4519, direct telephone 503-230-4094, or ejandersen@bpa.gov.

If you have questions about the mitigation action plan, contact the BPA lead for the environmental review, Israel Duran: toll-free telephone 800-622-4519, direct telephone 503-230-3967, or e-mail nduran@bpa.gov.

If you have questions about the mitigation action plan during implementation, contact the BPA environmental lead for project implementation, Israel Duran: toll-free telephone 800-622-4519, direct telephone 503-230-3967, or e-mail induran@bpa.gov.

This Mitigation Action Plan may be amended if revisions are needed due to new information or if there are project adjustments.

MITIGATION MEASURES

Measures identified to address potential impacts are provided below. The measures include project design features and Best Management Practices (BMPs) to minimize and mitigate impacts on resources before, during, and after the proposed action.

Mitigation Action Plan Table

Mitigation Measures	Implementation
Cultural Resources	
An Inadvertent Discovery Plan would be followed if cultural materials including human remains were encountered during construction. Construction would stop accordingly, SHPO and NRCS cultural resources staff would be consulted, and appropriate tribes would be notified. Continuation of construction would occur in accordance with applicable guidance and law.	During construction (All)
Public Safety	
Where possible, lane closures on roadways would be avoided during peak travel periods to reduce potential traffic delays and pedestrian safety issues.	During construction (contractor)
Standard construction safety procedures and traffic control measures would be employed to reduce the risk of collisions between construction vehicles and other vehicles, pedestrians, or bicyclists while construction is ongoing.	During construction (contractor)
Work crews would carry spill cleanup kits, and in times of burn bans or wildfire concerns, each crew would have a fire suppression kit.	During construction (contractor)
Socioeconomic Resources	
Adjacent landowners would be provided a construction schedule before construction begins. Access to residences, farms, and businesses would be maintained during construction.	Before and during construction (contractor)
Construction would occur during the daytime in the winter to minimize disturbance to any recreationists, landowners, or other individuals in the construction area vicinity. A potential exception to the winter construction timing would exist for one pipeline segment.	During construction (contractor)
Vegetation	

Temporary travel routes and construction staging areas would be selected and used to minimize effects on vegetation and avoid the removal of trees.	Before and during construction (contractor)
Work would be confined within the existing easements whenever possible and construction limits would be clearly flagged to preserve existing vegetation and private property	Before and during construction (contractor)
Pruning would occur entirely within EFID's easements and would not exceed what is required for equipment clearance.	During construction (contractor)
Erosion control measures would be free of weeds and weed seeds.	During construction (contractor)
The project area would be re-contoured and planted with a seed mix of native grasses and forbs. Planting would be done in consultation with NRCS and would follow NRCS Oregon and Washington's Guide for Conservation Seedlings and Plantings (NRCS 2000).	After construction (contractor)
Visual Resources	
Ground disturbances would be limited to those areas necessary to safely implement the Preferred Alternative.	During construction (contractor)
Water Resources	
Silt fencing, straw wattles, geotextile filters, straw bales, or other erosion control measures would be used to minimize soil erosion and prevent soil erosion from entering waterbodies during construction.	During construction (contractor)
Wildlife	
Construction except as noted above would occur in the winter outside the primary nesting period for migratory birds of concern (April 15 through July 15), although it could overlap with the early portion of the nesting period of raptors (February through July). Should an active raptor nest be found, construction would pause and a consultation with a local USFWS biologist would occur to determine the following steps.	Before and during construction (contractor)