

Welcome!

The purpose of this meeting is to:

- Build public awareness and understanding of the project
- Meet the project team
- Ask questions
- Provide opportunity for public input



Project Goals

Project Purpose

The purpose of this project is to allow adaptive water level management of Four Legged Lake throughout the year.

Today's Needs

- In the late 1990's, the west outlet culvert was raised without approval of the ditch authority, resulting in a 3 foot rise in water levels.
- Flooding of private lands and adjacent roadways has persisted since the outlet raise.



Historical Context

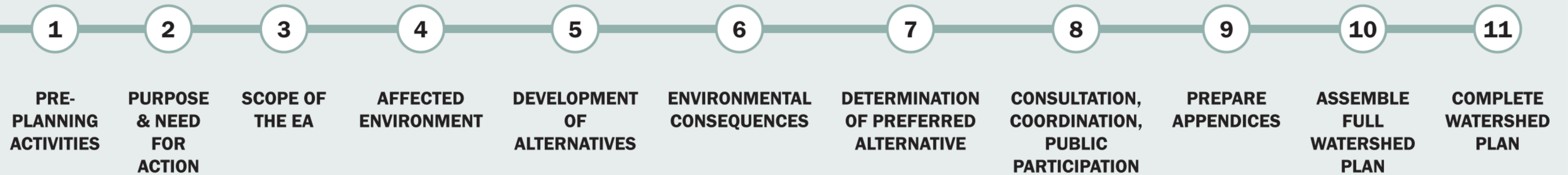
- Four connected basins with an upstream drainage area of nine square miles.
- The basins of Four Legged Lake are a part of Judicial Ditch #5.

Goals for Tomorrow

- Reduce Flood Damage
- Restore Habitat
- Improve Water Quality

Planning/Evaluation Process

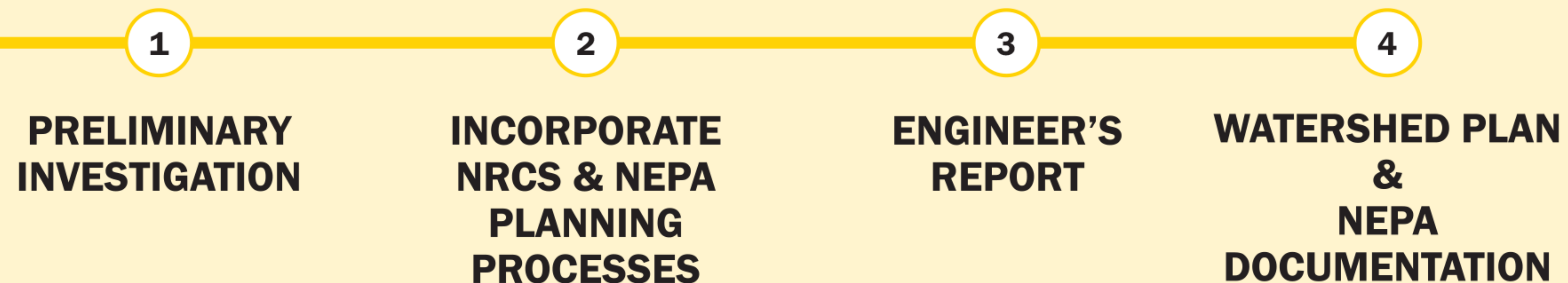
NRCS Planning Process



NEPA Planning Process



Watershed Planning Process



Project Location

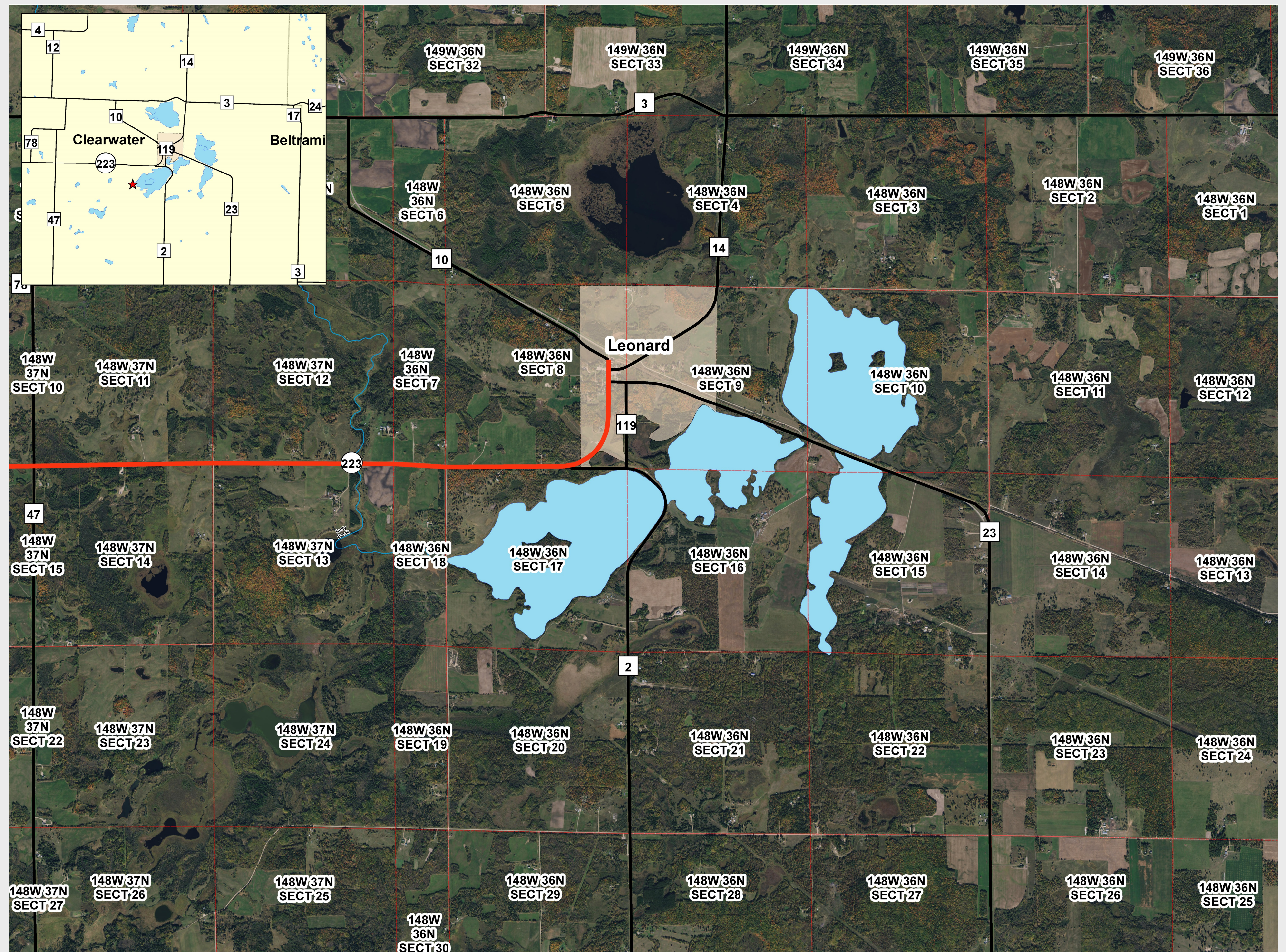
Four Legged Lake is located within the Clearwater River subwatershed of the Red Lake Watershed District.

The lake is made up of four separate basins which are separated by roadway embankments:

- West Four Legged (two basins)
- East Four Legged (two basins)

The lake is located along what was originally Judicial Ditch #5, which was built in 1921.

Culverts through each roadway embankment allow the basins to be hydraulically connected.



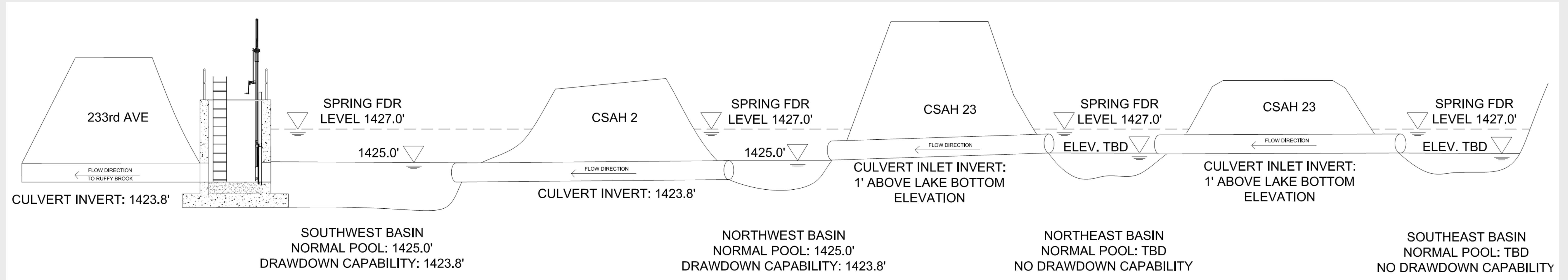
Resource Impacts

Resources	Anticipated Level of Impact		
	High	Medium	Low
Air Quality			None
Cultural/Historic Properties			X
Ecological Critical Areas			None
Environmental Justice			None
Fish & Wildlife Resources			X
Wildlife Community			X
Fish Community			None
Regional Water Resources Plans			None
National Parks, Monuments, and Historical Sites			None
Natural Areas			None
Parklands			None
Prime Farmland			None
Riparian Areas	X		
Scenic Areas			X
Soils (erosion, sedimentation, etc.)		X	
T & E Species			X
Waterbodies (Waters of the US)	X		
Water Quality			X
Water Quantity			X
Wetlands	X		
Land Use, Recreation, and Visual Resources			X
Public Health & Safety			X

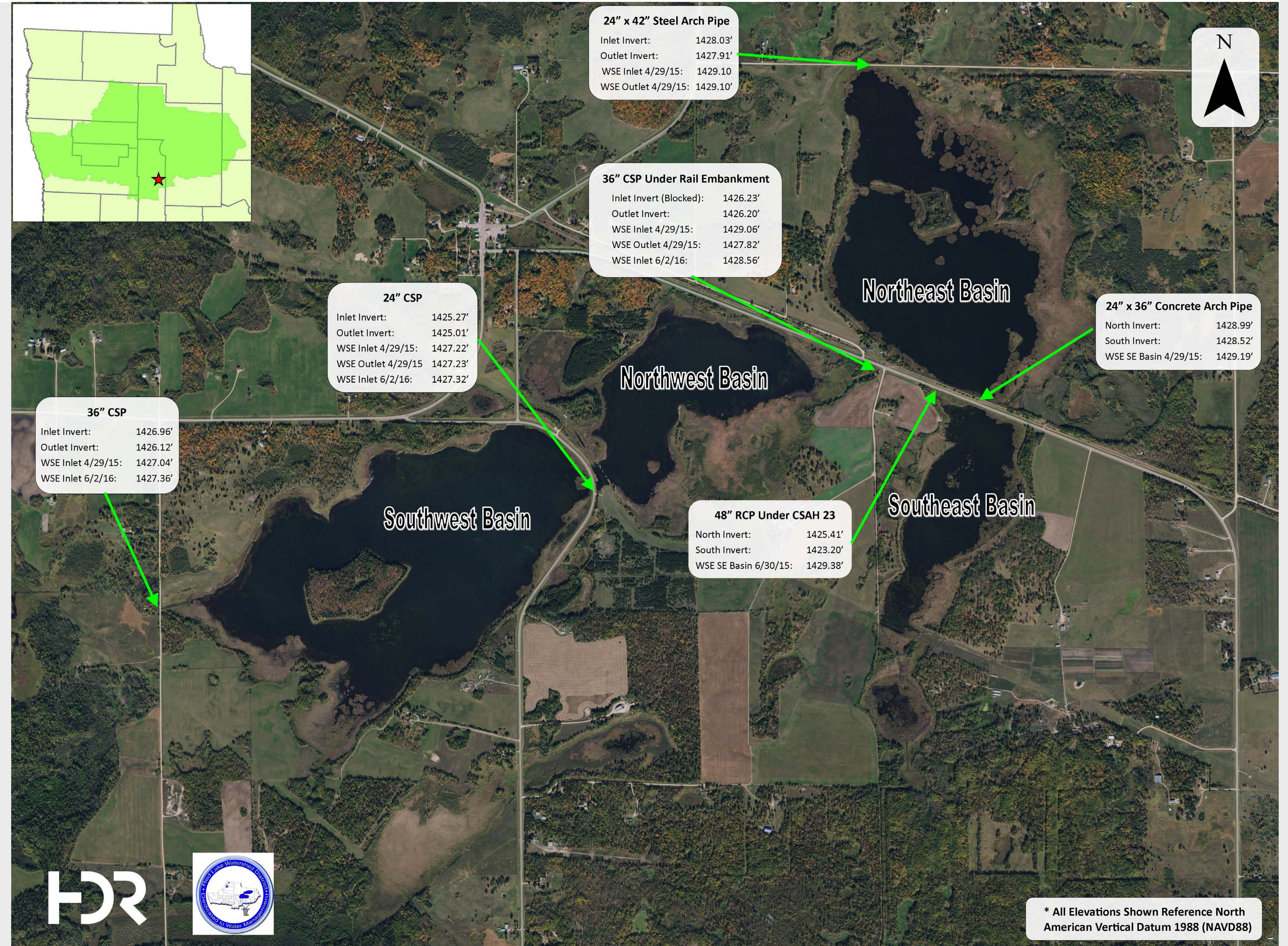
High: Most likely will be affected and will be considered in the analysis of all alternatives.
Medium: May be affected by some alternatives.

Low: Will be considered, but not expected to be significant.
None: Need not be considered.

Modifications



The primary alternative is the construction of a new structure at the outlet of the lake system.

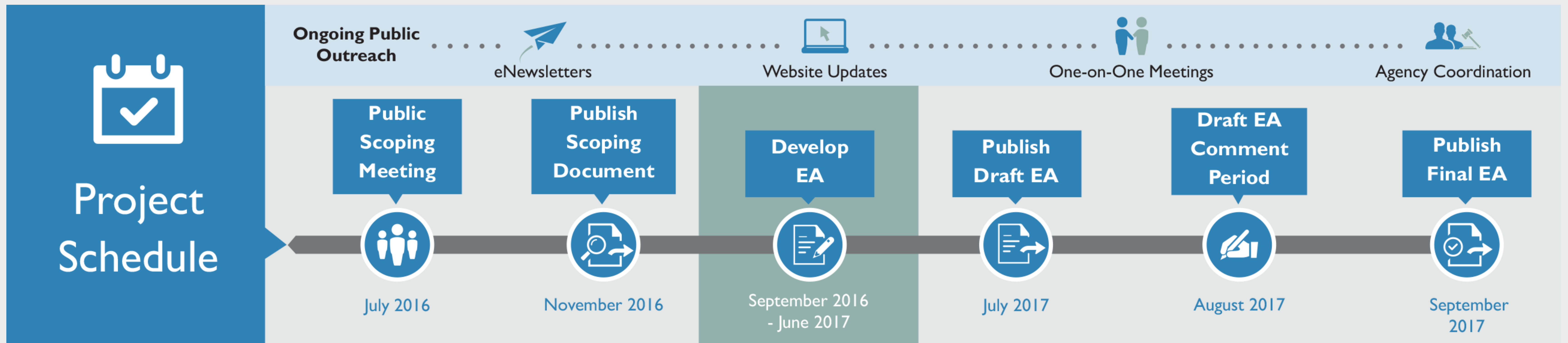


* All Elevations Shown Reference North American Vertical Datum 1988 (NAVD88)

Human & Natural Environment Factors

-  Human Health & Safety
-  Erosion & Sedimentation
-  Archeological & Historical Resources
-  Fish & Wildlife Resources/
Threatened & Endangered Species
-  Streams, Lakes & Wetlands
-  Water Quality
-  Floodwater Property Damages
-  Socioeconomics
-  Downstream Peak Flow Rates and Flow Volumes
-  Transportation
-  Prime Farmlands
-  Land Use & Management

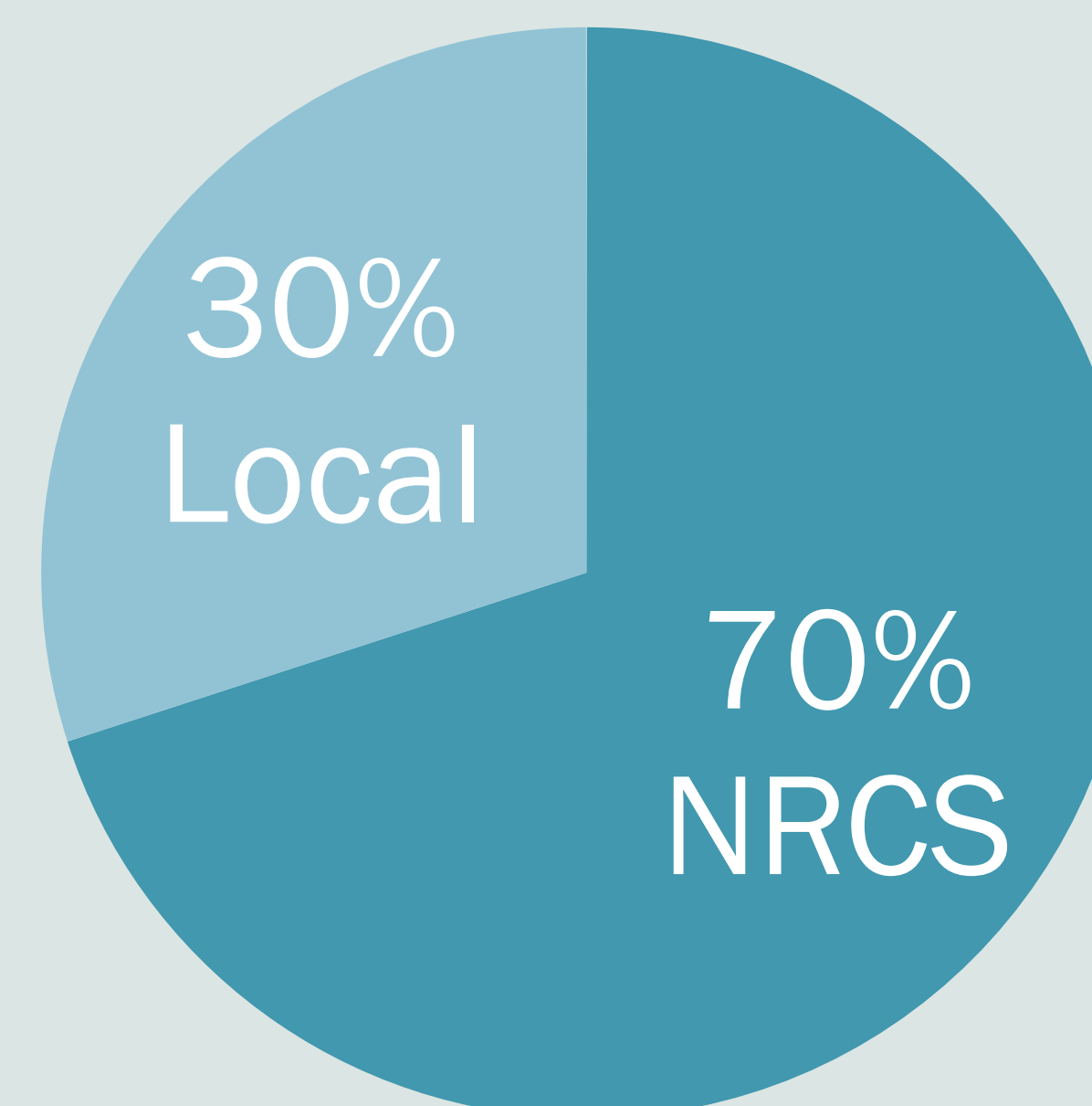
Schedule & Funding



**All dates are tentative and subject to change.*



Funding



Provide Your Input



<http://www.redlakewatershed.org/>



Fill out a Comment Form today!



Myron Jesme, District Administrator
Phone: 218.681.5800



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