NORTHERN INTEGRATED SUPPLY PROJECT

Fall Water Users Meeting

November 2018
Participants

**Participant & permitted yield**

1. Fort Collins Loveland Water District (3,000 AF)
2. Windsor (3,300 AF)
3. Left Hand Water District (4,900 AF)
4. Erie (6,500 AF)
5. Evans (1,600 AF)
6. Central Weld County Water District (3,500 AF)
7. Fort Lupton (3,000 AF)
8. Fort Morgan (3,600 AF)
9. Morgan County Quality Water (1,300 AF)
10. Eaton (1,300 AF)
11. Severance (1,300 AF)
12. Lafayette (1,800 AF)
13. Firestone (1,300 AF)
14. Frederick (2,600 AF)
15. Dacono (1,000 AF)
Participants

All 15 NISP participants have water conservation programs including:

- Public education programs and state water conservation plans
- Reduced water use per capita by approximately 27% since 2000
The goal of NISP is to provide 40,000 acre-feet of water annually.
Refined Conveyance

Water will be conveyed via pipelines and the Poudre River.

Poudre Analysis
- Location of intake
  - Water quality
- Amount of water
  - Demand
  - Blending
  - Site Constraints
  - Benefits to River
- Pipeline Necessary
  - Capacity
  - Redundancy
NISP Permitting History

- 1980s – Grey Mountain Water Rights filed
- 1990s – Initial studies (off-channel reservoir) & Regional Demand
- 2004 – Federal Environmental Permitting process begins
- 2008 – Draft EIS released with public hearings and comments
- 2015 – Supp. DEIS with public hearings and comments
- 2017 – State Fish and Wildlife Mitigation Plan Approved
- 2018 – Reservoir Release Bill Passed
- 2018 – Final EIS released with public comment period
Releases from Glade Reservoir along with bypass and fish passage structures will allow for a year-round fishery on the Poudre River below the canyon mouth.
Glade Reservoir Design

- 280 Feet Tall Earth Fill Dam
- Material All On-Site
- Approximately 22 Million Cubic Yards
- Separate Inlet and Outlet Works
- 35,000 HP Pump Station
- HW 287 Relocation
  - 7 miles 2-lane Highway
  - 200 ft. Rock Cut
NISP Next Steps

- 2019 – Anticipated State 401 Water Quality Certification
- 2019 – Anticipated Record of Decision from Corps
- 2020 – Final Design
- 2021 – Construction Begins
- 2026 – Reservoir Complete and Ready to Fill!
Contact Info

Stephanie Cecil, water resources project engineer
scecil@northernwater.org

Carl Brouwer, project manager
cbrouwer@northernwater.org

For more details visit: www.gladereservoir.org