25TH ANNUAL LAND USE CONFERENCE
ALTERNATIVES TO “BUY & DRY”

Brad Wind, Deputy Manager, Operations
March 10-11, 2016

Northern Water
Northern Water

- **Mission**
  - Water resources management
  - Project operations
  - Conservation services

- **Priorities**
  - Deliver water
  - Conserve, protect supplies
  - Plan for future supplies
Colorado-Big Thompson Project

- Supplemental water supply
- 1.6 million acres in 8 counties
  - 640,000 irrigated acres
  - 895,000 residents
- Average deliveries = 215,000 AF/year
## C-BT Ownership & Deliveries

**Water Year 1957**
- **District population**: 150,000
- **Ownership**
  - Ag: 85%
  - M&I: 15%
- **Deliveries**
  - Ag: 97%
  - M&I: 3%

**Water Year 2015**
- **District population**: 895,000
- **Ownership**
  - Ag: 31%
  - M&I: 69%
- **Deliveries**
  - Ag: 52%
  - M&I: 48%
Northern Integrated Supply Project (NISP)

**Key Regional Elements**

- Some Volume of Unappropriated Water Supply
- New Storage
- Ability to Transition Current Irrigation Supply to One of Lesser Quality
- Long Term (Perpetual?) Agreement to Maintain Some Amount of Irrigated Agriculture
NISP Proposal

- 40,000 AF of New In-Basin Yield
- 215,000 AF of Storage
- 10% of the 400,000 AF S. Platte that leaves the State
- $600M Cost
NISP Proposal
<table>
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<tr>
<th></th>
<th>Water District</th>
<th>Water (AF)</th>
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<tbody>
<tr>
<td>1</td>
<td>Fort Collins Loveland Water District</td>
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<td>2</td>
<td>Windsor</td>
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<td>Left Hand Water District</td>
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<td>Erie</td>
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<td>5</td>
<td>Evans</td>
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<td>6</td>
<td>Central Weld County Water District</td>
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<td>7</td>
<td>Fort Lupton</td>
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<td>8</td>
<td>Fort Morgan</td>
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<tr>
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<td>Morgan County Quality Water</td>
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<td>15</td>
<td>Dacono</td>
<td>1,000 AF</td>
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Proposed Glade Reservoir Location

Approx. Dam Axis

Hwy 14

Hwy 287
Where We’ve Been

- 2004 - Started EIS Process
- 2008 - DEIS released
- 2009 – Corps Determines SDEIS Necessary
- 2015 – June SDEIS released
- July Public Hearings – Fort Collins/Greeley
- Cost of EIS To Date: $17M
  - $11M on SDEIS
Additional permitting

- Colorado Fish and Wildlife Mitigation Plan
- 401 Water Quality Certification through CDPHE
Where We’re Going

- State Fish & Wildlife Plan – 2016
- 401 Certification (Water Quality)
- FEIS in 2017
- Record of Decision in 2018?
- Preliminary Design Underway
- Glade Construction 2019?
- Glade on-line 2024
- South Platte Conservation Project (Galeton) on-line 2026
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