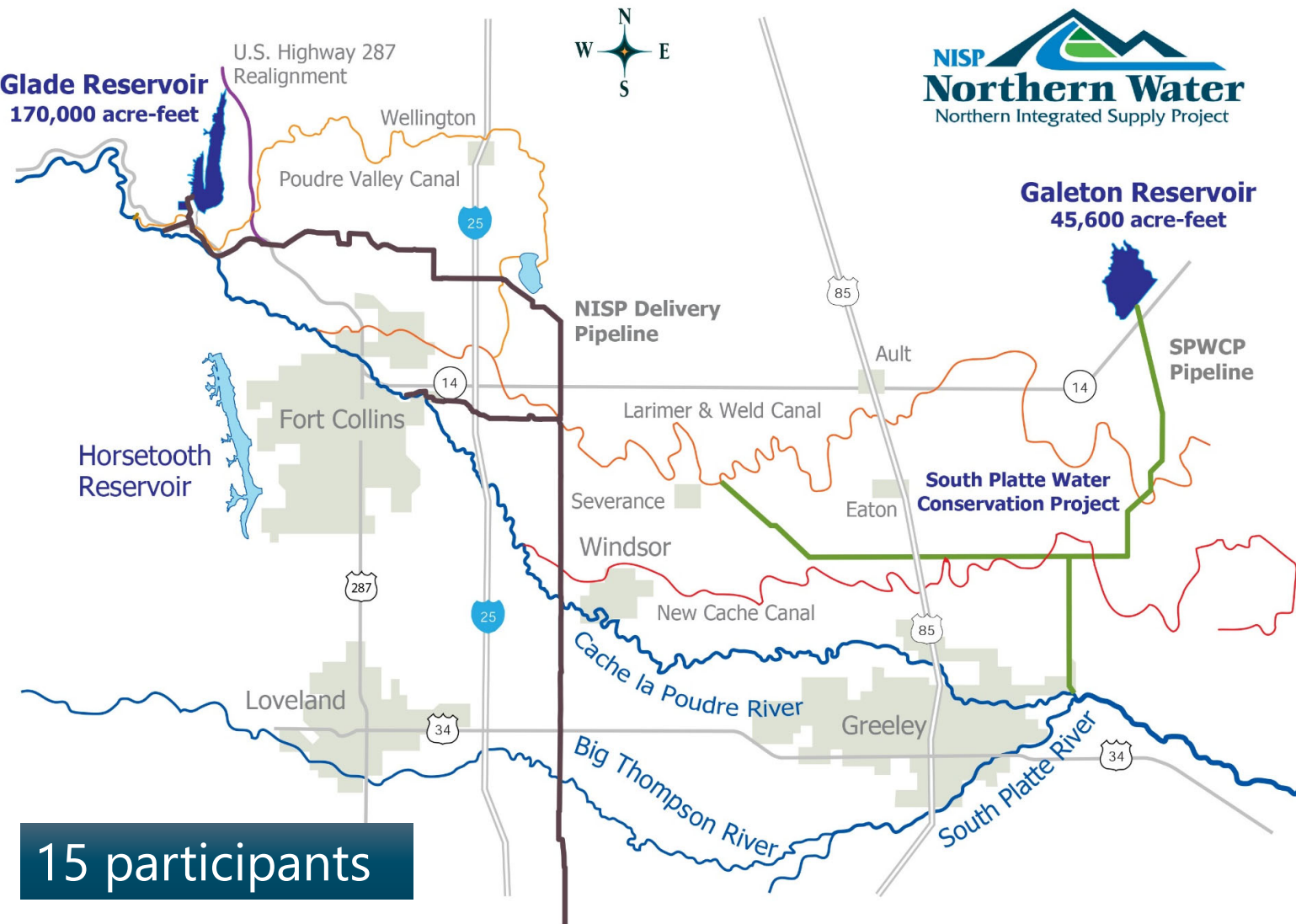


Collaboration Opportunities in the Poudre River

**NISP ADAPTIVE
MANAGEMENT**



NISP at a glance

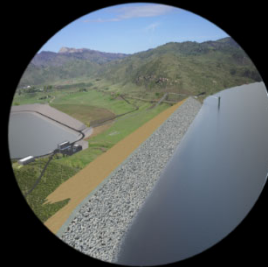
Fish & Wildlife
Mitigation Plan
(approved - 2017)

401 Water Quality
Certification
(approved - 2020)

Larimer County
permit
(in progress - 2020)

Federal
404 permit
(in progress - 2020)





NISP



NEPA
IMPACTS



FWMEP



401

MITIGATION & ENHANCEMENT
COMMITMENTS

PURPOSE **(as per FWMEP & 401)**

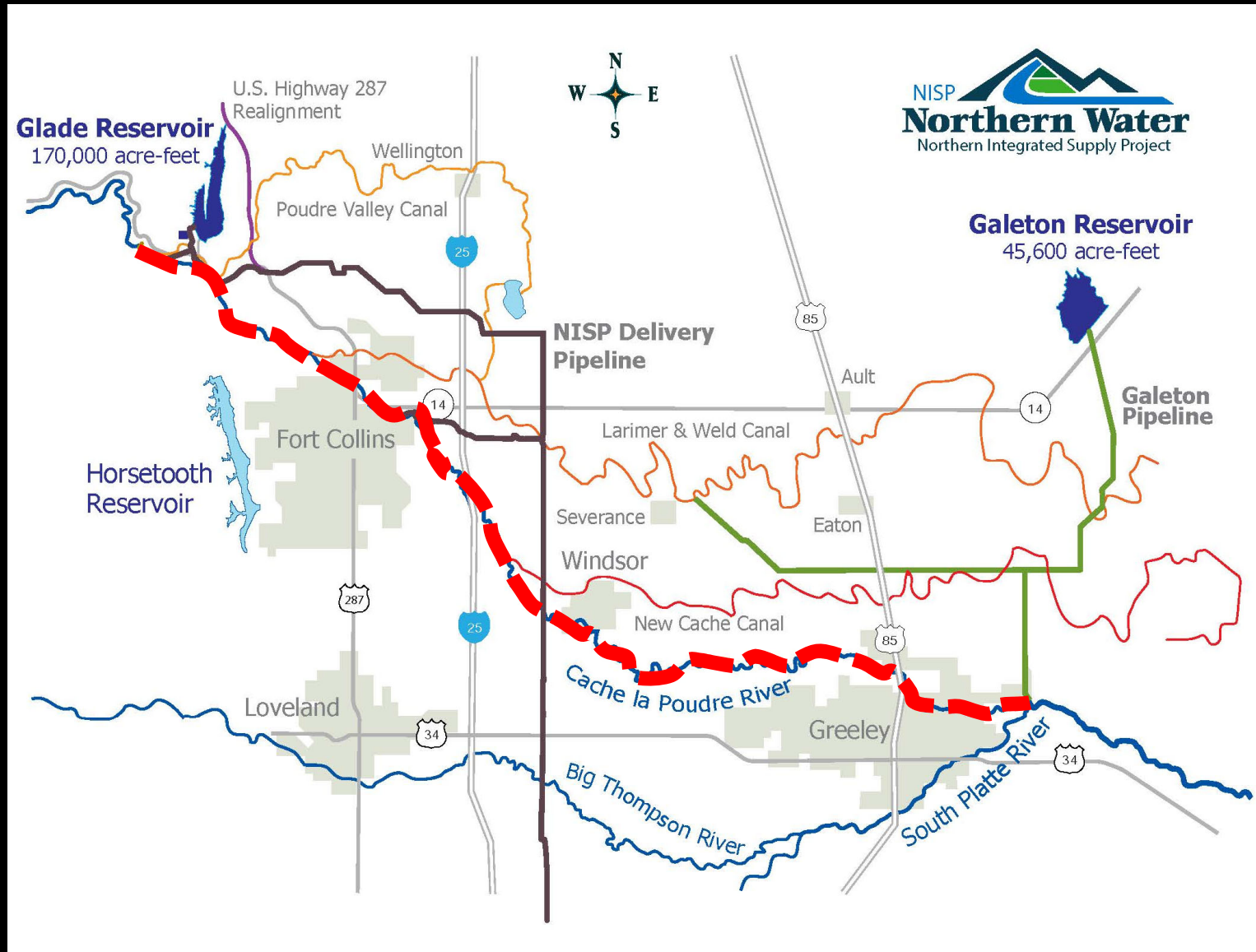


EVALUATE & ADJUST specific
measures & conditions



DEVELOP & IMPLEMENT
additional measures to
support

**ENHANCEMENT OF THE
RIVER'S ECOLOGICAL
CONDITIONS.**

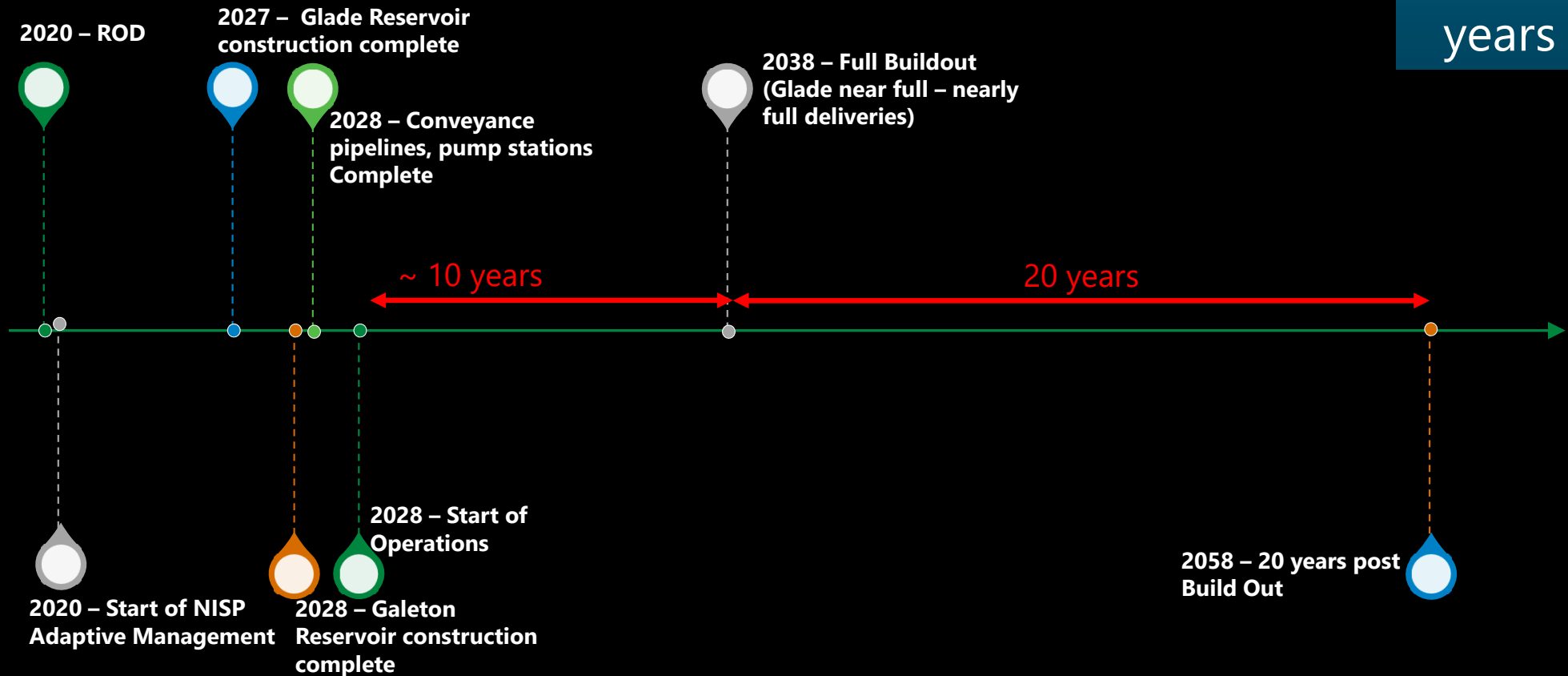


42+
River
Miles

CONCEPTUAL TIMELINE*

**dates are for illustration purposes and actual timeline might deviate significantly*

35-45
years



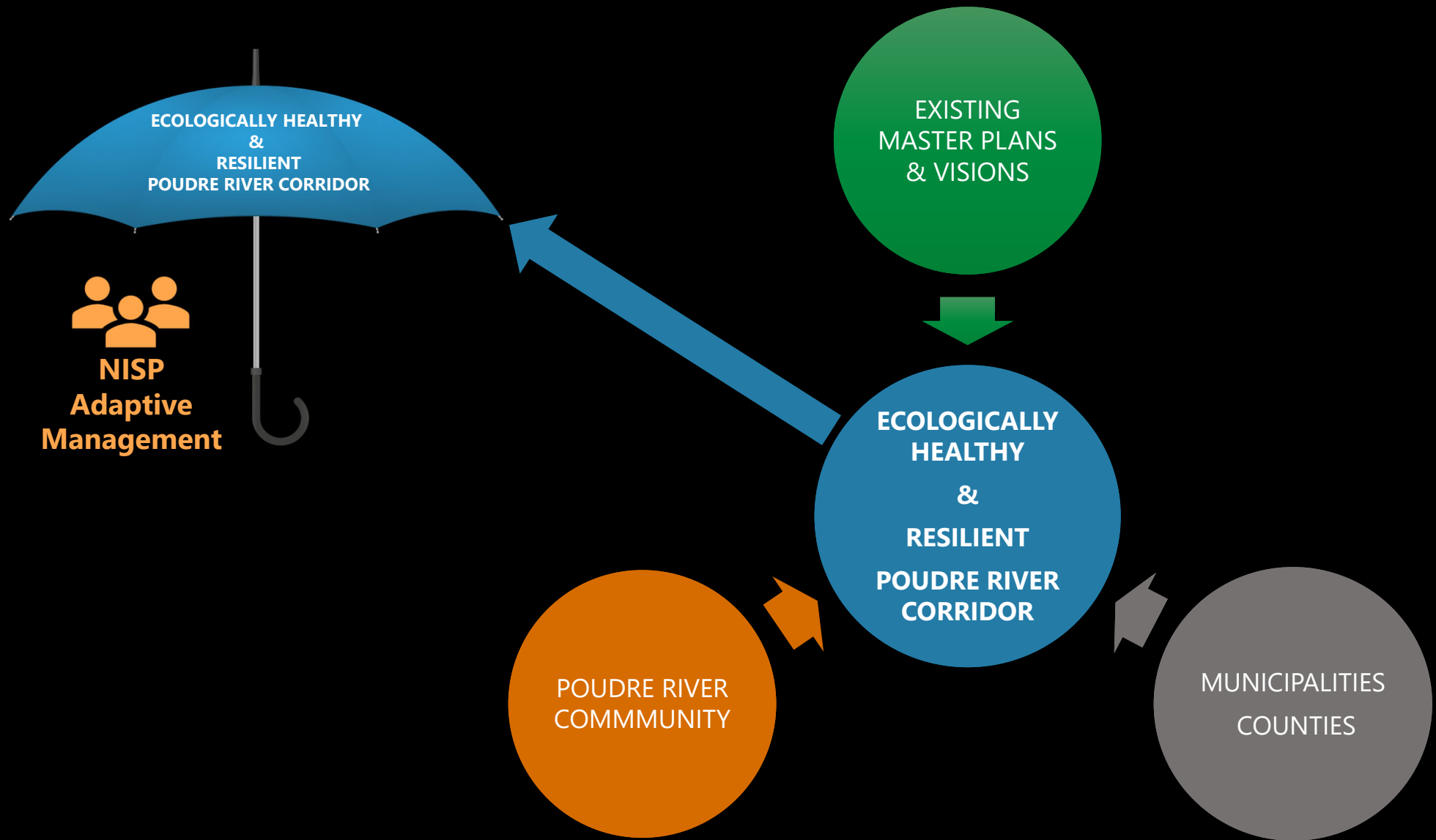
Key Desired Outcomes



ECOLOGICALLY HEALTHY
&
RESILIENT
POUDRE RIVER CORRIDOR


NISP
Adaptive
Management

An ECOLOGICALLY HEALTHY
AND RESILIENT POUDRE RIVER
CORRIDOR that naturally
sustains key resources GIVEN
THE "WORKING ASPECTS" of
the Poudre River.





FWMEP

- River master plan development - \$1,000,000
- 2.4 mi Stream Channel Improvement Projects
- Riparian Vegetation Improvements - 58 ac
- Floodplain-channel connectivity restoration (along the 2.4 mi)
- Cottonwood regeneration (within the 58 ac)
- \$5,930,000 implementation
- Monitoring



401

- \$1,500,000 E Coli Mitigation
- \$925,000 Nutrients
- 1 mi Stream Channel Improvement (Temperature)
- 10 ac wetlands for wq improvements
- Monitoring



PROPOSED PARTICIPATION

CPW

Northern Water

*Water Quality
Control Division*

*City of
Fort Collins*

*Town of
Timnath*

*City of
Greeley*

*Town of
Windsor*

*Larimer
County*

*Weld
County*

*Trout
Unlimited*

*Coalition for the
Poudre River
Watershed (?)*

HOW WILL YOU BENEFIT?



BETTER AQUATIC
HEALTH



ENHANCED
RECREATIONAL
OPPORTUNITIES



IMPROVED
WILDLIFE HABITAT



FLOOD RESILIENCE



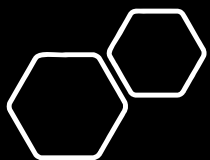
IMPROVED WATER
QUALITY



HOLISTIC
APPROACH TO
RIVER HEALTH



PARTNERSHIPS



CHANNEL
RECONFIGURATION



RETROFIT OF
DIVERSION
STRUCTURES



RETROFITS OF
STORMWATER
OUTLETS



PASSIVE NUTRIENT
REMOVAL
(BIOCHAR)



CREATION OF
TEMPERATURE
REFUGE



COTTONWOOD
REGENERATION



CREATION OF
WETLANDS



FISH LADDERS

EXAMPLES

SUMMARY



Unprecedented opportunity to improve the current health of the Poudre River



Collective vision for an ecologically healthy & resilient Poudre River corridor



Significant allocation of resources



Accountability built into the program

QUESTIONS & COMMENTS

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Director of Environmental Services

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970-622-2356

