



PLATTE
RIVER

**LOWER PLATTE RIVER BASIN WATER MANAGEMENT PLAN
COALITION**

June 13, 2014



01

**COALITION PURPOSE &
BACKGROUND**

02

SCOPE OF WORK

03

DRAFT GOALS AND OBJECTIVES



01 PROJECT PURPOSE & BACKGROUND

PURPOSE OF THE AGREEMENT

Pursue and discuss water management components that could comprise a voluntary Basin Water Management Plan and which could be incorporated into individual NRD's Integrated Management Plans



COALITION POWERS

- To hold coalition meetings, public meetings and hearings
- To contract and enter into agreements with agencies and others
- To retain a coordinator;
- To receive and expend fund from various sources, including members and grants
- To undertake studies, investigations or surveys and enter onto private lands
- To retain legal and other professional services

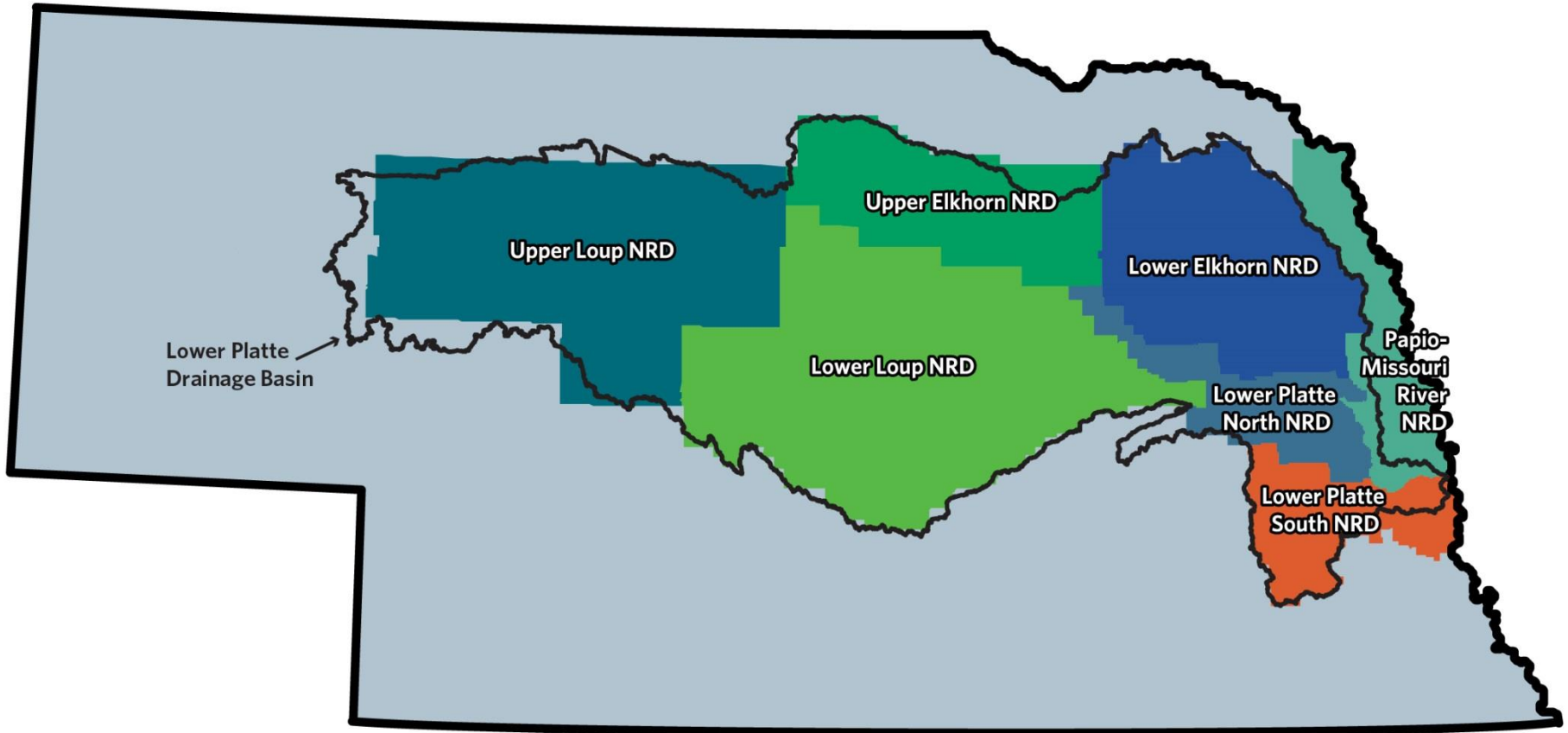


MEMBERSHIP

Members include the NE Department of Natural Resources and the seven NRDs within the Lower Platte River Basin :

- Lower Loup NRD (Lead party for Coalition; contracting member on behalf of Coalition)
- Lower Platte North NRD
- Lower Platte South NRD
- Lower Elkhorn NRD
- Papio-Missouri River NRD
- Upper Loup NRD
- Upper Elkhorn NRD





STRUCTURE OF COALITION

▪ BOARD OF DIRECTORS

- Two (voting) representatives from each member
- To determine overall direction of the Coalition, set policies, adopt annual budget, authorizes grants and in-kind services match for grants

▪ MANAGEMENT COMMITTEE

- General Manager or designee from each member NRD and one designee from NDNR
- To provide administrative, technical, and financial affairs of Coalition, to include contracting for studies and services

▪ TECHNICAL COMMITTEE

- Representatives from Members and other agencies as appointed by Management Committee
- To review technical/scientific matters and provide information and recommendations to Management Committee

▪ COORDINATOR

- A NDNR Liaison Position to the NE Association of Resources Districts
- Conducts day-to-day Coalition activities and communications

FINANCES

- Initial assessment of \$20,000 per Member.
- Subsequent assessments approved by Board of Directors based on annual budget.

DURATION

- Agreement approved in April 2013 and continues for five years.



PURPOSE OF PROJECT

- Collectively develop a water management plan for the Lower Platte Basin that maintains a balance between current and future water supplies and demands.
- Develop and implement water use policies and practices that contribute to the protection of existing surface and groundwater uses while allowing for future water development.
- Develop and maintain a water supply and use inventory based on the best available data and analysis.



02

SCOPE OF WORK

TASKS

- 1) Coalition Meeting Coordination and Facilitation
- 2) Basin-Wide Water Management Plan
- 3) Water Banking System and Conjunctive Management Projects

COALITION MEETING COORDINATION AND FACILITATION

- **Coalition Board meetings:** discussion of overall direction of the water management planning efforts.
- **Management Committee meetings:** administrative, technical and financial considerations.
- **Technical Committee meetings:** coordination and technical development activities of the water management plan.

12

TECHNICAL COMMITTEE
MEETINGS

6

MANAGEMENT COMMITTEE
MEETINGS

3

COALITION BOARD
MEETINGS

3

CONJUNCTIVE MANAGEMENT
AND WATER BANKING
WORKSHOPS

BASIN-WIDE WATER MANAGEMENT PLAN

- Recommend additional goals, objectives, and actions.
- Evaluate existing groundwater and surface water controls and management practices.
- Assess DNR's proposed new method for annual evaluation of availability of hydrologically connected water supplies.
- Summarize existing datasets and identify additional data needs.



WATER BANKING SYSTEM AND CONJUNCTIVE MANAGEMENT PROJECTS

What is water banking?

- Mechanism for facilitating transfer of water
- Could be tailored to meet particular need



May directly involve physical structures.



Always involves some institutional component for water transfer accounting.

WATER BANKING SYSTEM AND CONJUNCTIVE MANAGEMENT PROJECTS

MAXIMIZING YOUR WATER SUPPLY THROUGH CONJUNCTIVE MANAGEMENT



PRIMARY COMPONENTS OF CONJUNCTIVE MANAGEMENT

LOWER PLATTE RIVER BASIN WATER MANAGEMENT PLAN COALITION

Project Management (Continuous)

Finalize Goals & Objectives | Develop Action Items

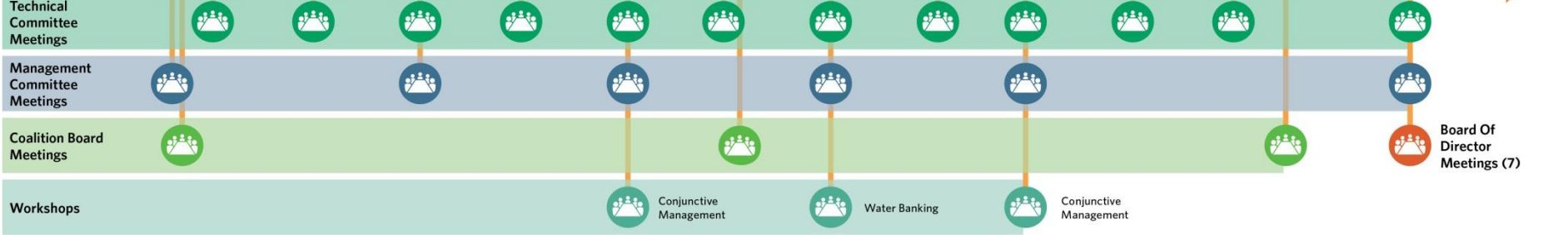
Summarize Existing Controls | Evaluate DNR Methodology

Collect Data | Water Accounting Methodology

Conjunctive Management Opportunities, Additional Water Supply Alternatives and Water Banking

Draft Plan ✓ | Final Plan ✓

2nd Quarter 2014 | 3rd Quarter 2014 | 4th Quarter 2014 | 1st Quarter 2015 | 2nd Quarter 2015 | 3rd Quarter 2015 | 4th Quarter 2015



Board Of Director Meetings (7)



03

DRAFT GOALS AND OBJECTIVES

GOALS	OBJECTIVES
<p>Work with Basin NRDs and DNR to collectively develop a water management plan for the Lower Platte Basin that maintains a balance between current and future water supplies and demands.</p>	<ul style="list-style-type: none"> • As necessary to facilitate the goals of this plan, collaborate with state and local governments to identify additional/regional water supplies outside the Lower Platte Basin. • Monitor the instream flow needs in the Lower Platte Basin. • Evaluate options for Basin wide water banking system.
<p>Develop and implement water use policies and practices that contribute to the protection of existing surface and groundwater uses while allowing for future water development.</p>	<ul style="list-style-type: none"> • Work to identify available storage opportunities throughout the Lower Platte Basin. • Use available data sources to monitor the impacts of vegetative growth on stream flows. • Expand public education programs on general awareness of water supplies and to encourage water conservation measures.
<p>Develop and maintain a water supply and use inventory based on the best available data and analysis.</p>	<ul style="list-style-type: none"> • Develop and maintain a comprehensive inventory of the location and source of the Basin’s water supplies, water use and outflows. • Monitor current and future water demands in the Basin to protect current and future uses.



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