

# Voluntary Integrated Management Planning

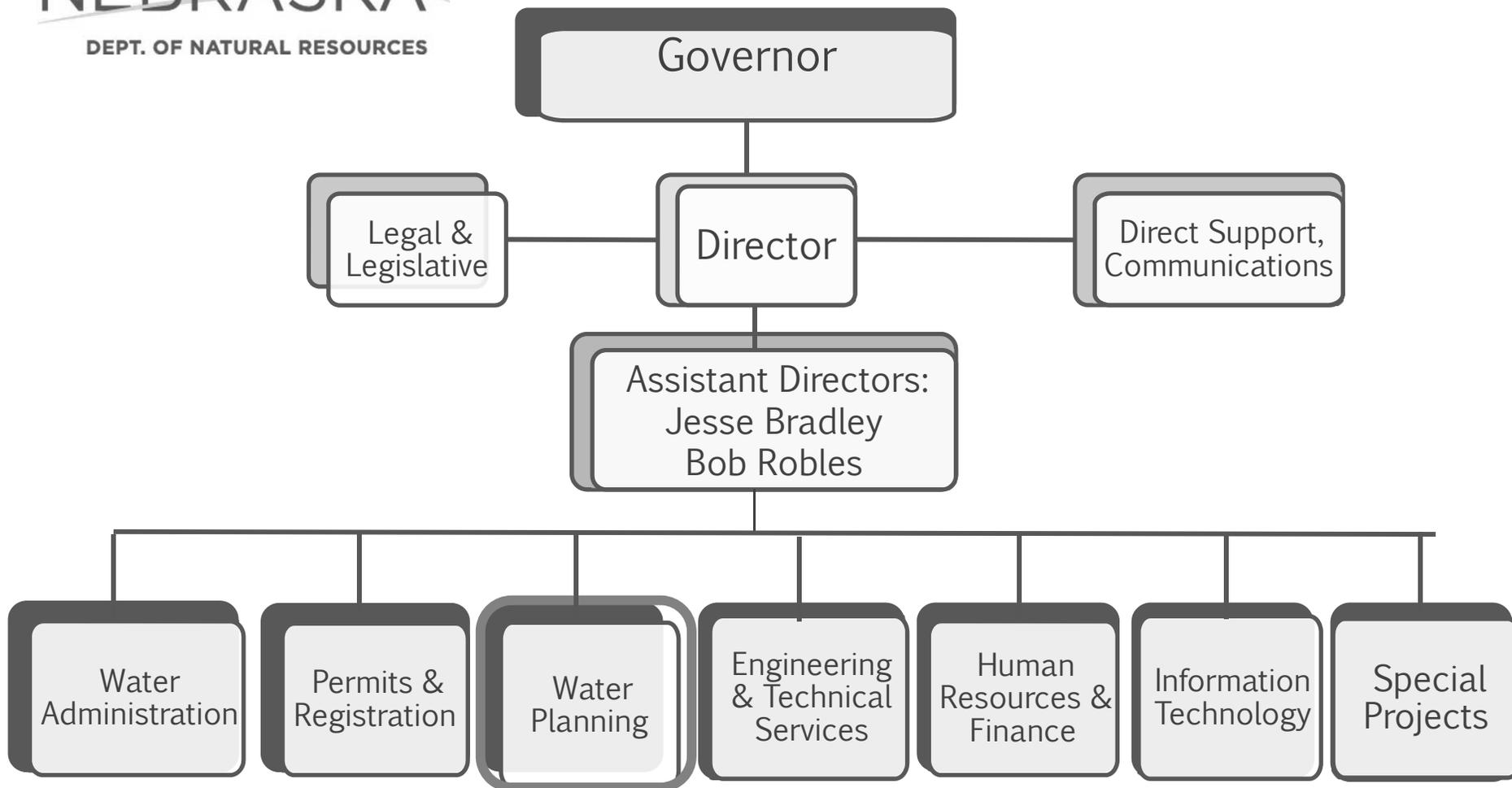
Lower Big Blue NRD Board Meeting  
September 10, 2018

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Nebraska Department of Natural Resources

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# Overview

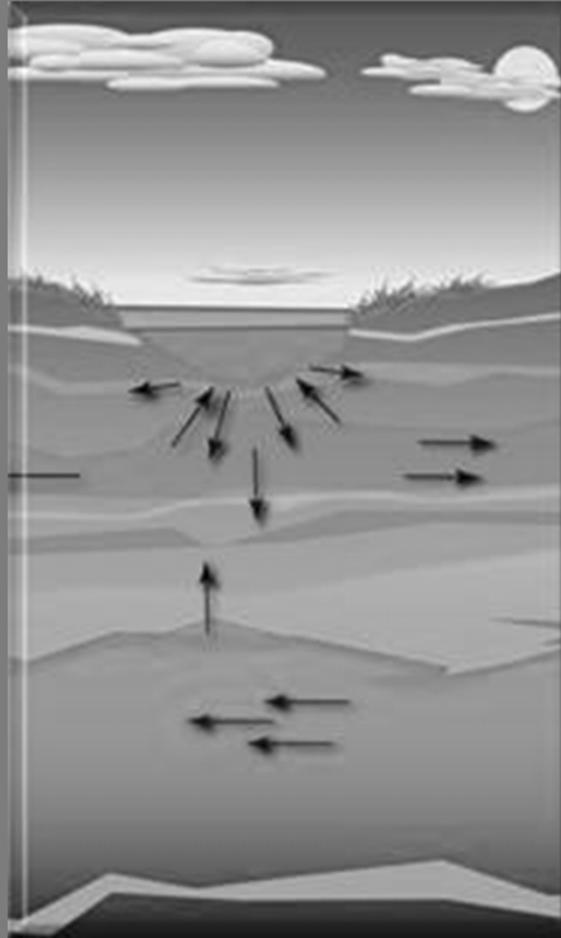
- Legislative framework
- Roles of agencies/stakeholders
- What is in an IMP?
- What is involved in developing an IMP?
- Why would we develop an IMP?

## Legislative Background

- LB962 (2004)—Legally acknowledged hydrologically connected ground and surface waters
  - Joint NeDNR and NRD process to develop IMPs in fully or over-appropriated basins
- LB764 (2010)—Inclusion of voluntary IMP process
- LB1098 (2014)—Water Sustainability Fund legislation with IMP component

# IMPs: Joint Planning Process

## EFFECTIVE MANAGEMENT OF HYDROLOGICALLY CONNECTED WATERS



- Surface Water Quantity
- Regulated by NeDNR
  - Prior appropriations system

Integrated  
Water  
Management

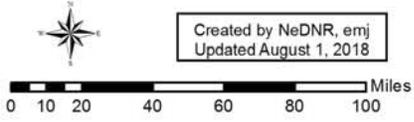
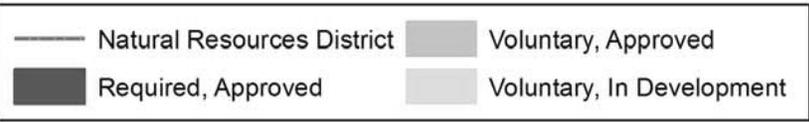
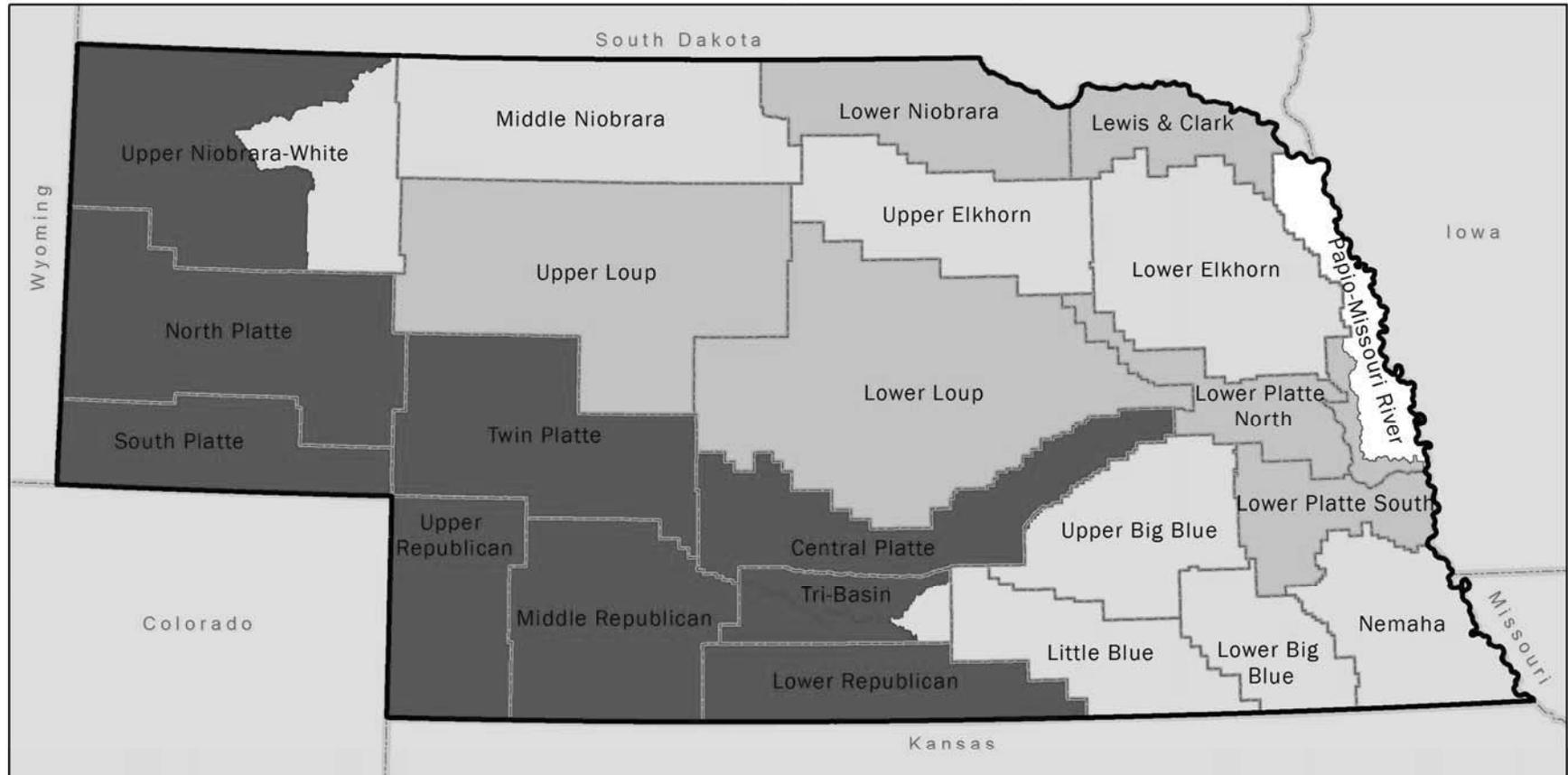
- Groundwater Quantity
- Regulated by NRDs
  - Correlative rights system

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# Status of IMPs in Nebraska

## NRD Areas Involved in Integrated Management Planning



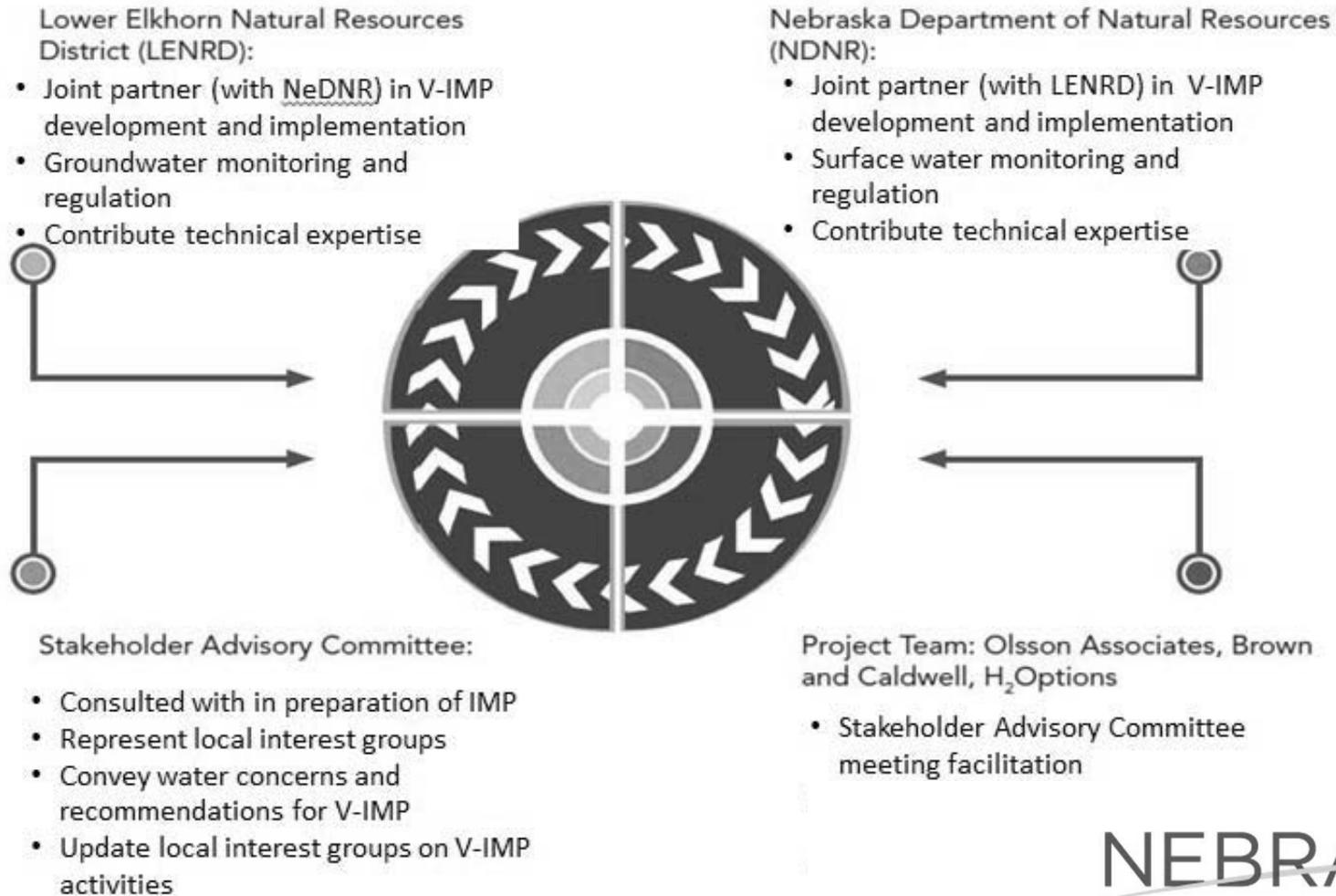
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# Voluntary and Fully Appropriated IMP's

IMP as result of Fully Appropriated Designation	Voluntary IMP
Achieve and sustain a balance between water uses and water supplies for the long term	
Protect existing water uses	
Fully appropriated basins, sub-basins	Non-fully appropriated basins, sub-basins
<u>May</u> have more stringent controls	<u>May</u> have more “encouraging” controls
Moratorium (GW, SW) initiated	No Moratorium initiated

# Participants in Integrated Management Planning

Who is participating?



(figure adapted from Lower Elkhorn IMP)

# Stakeholder Advisory Committees



Little Blue River Basin Voluntary IMP  
Little Blue NRD Stakeholder Meeting #1: May 19, 2016



# Components of an IMP

- Required Components

- Map of Geographic Area
- Goals/Objectives
  - Purpose to achieve a balance between uses and supplies
- Regulatory Action Items
  - One or more GW controls (§ 46-739)
  - One or more SW controls (§ 46-716)
- Monitoring Program

} Consistent with goals/objectives

- Additional Components

- Non-regulatory Action Items
- Review Process
- Education and outreach plan
- Incentive programs

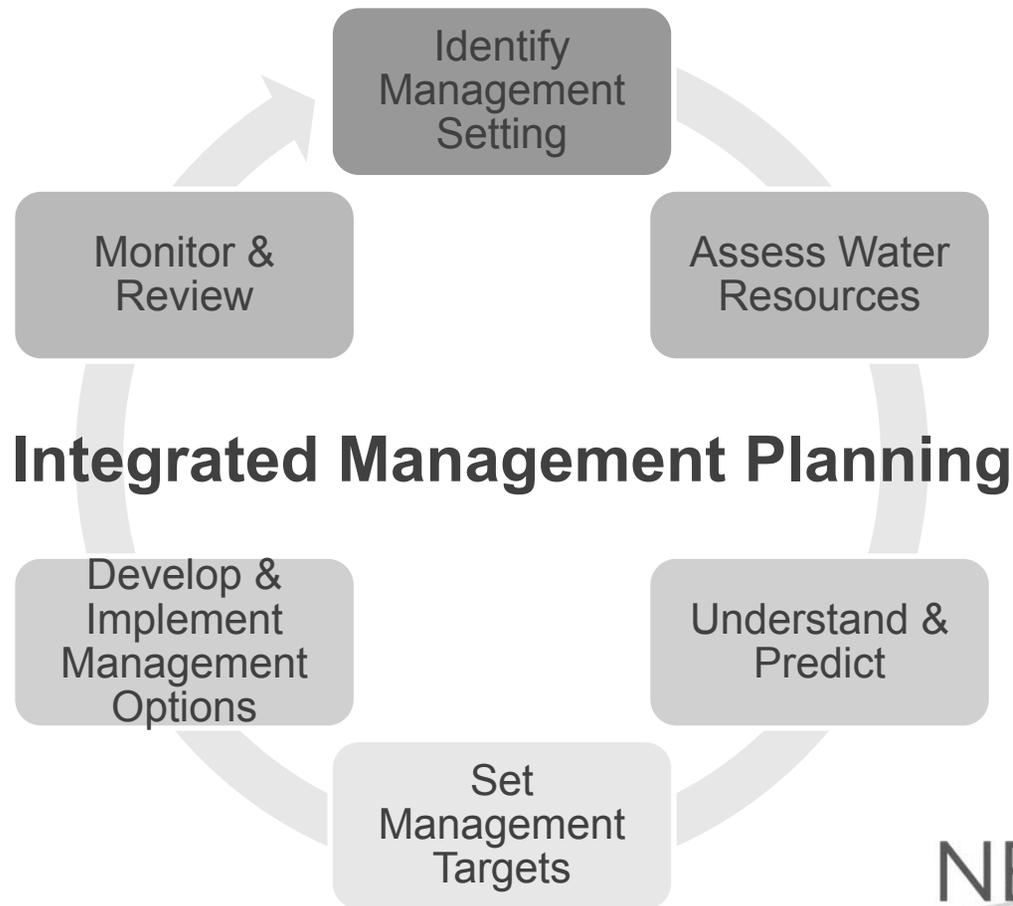
# Controls (authorized by Neb. Rev. Stat.)

...consistent to achieve goals and objectives

- GW controls authorized by § 46-739:
  - Limit GW expansion
  - Transfers
  - Municipal/Industrial Tracking
  - Well-spacing
  - Meters
  - Educational requirements
  - Certified Acres
  - Allocations
  - Rotations
  - Acres Reduction
  - Others

- SW controls authorized by § 46-716:
  - Increased Monitoring
  - Variance/Transfers
  - Conservation Measures
  - Moratoriums
  - Others

# IMP Long-term Process



# Voluntary IMP Development

- NRD contacts NeDNR to initiate process
- Consultation with stakeholders
  - Goals and Objectives, action items

Meeting Date	Meeting Focus
#1: September 27, 2012	Introduction of IMP Development Process and Purpose
#2: November 5, 2012	Issues Identification
#3: December 10, 2012	Goals and Objectives
#4: February 4, 2013	Goals and Objectives (cont.)
#5: June 8, 2013	Action Items Prioritization
#6: October 28, 2013	Recommendations on Draft IMP

- NRD/NeDNR draft IMP
- Public hearing process
- Publish orders –IMP becomes effective

# Voluntary IMP Development

Phase		2016												2017											
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1	Internal Planning-- NRD, <del>NeDNR</del> Discuss IMP, bring on JEO, plan Stakeholder Process																								
2	Stakeholder Meetings																								
3	Draft IMP--NRD and <del>NeDNR</del> work together, lots of coordination meetings																								
4	Public Meeting--optional as each stakeholder meeting has been noticed																								
5	Pre-hearing IMP Agreement-DNR and NRD letter exchange, final draft IMP																								
6	Public Hearing Process—Three weeks of public noticing. Anyone can testify.																								
7	NRD/DNR Consider Testimony-If no or minor changes needed, proceed to 8.																								
7	Post-hearing Agreements-letter exchange between DNR/NRD; adopt IMP																								
8	Orders—NRD gives GW order, DNR gives SW order. IMP effective date set.																								
9	Effective Date- IMP becomes effective																								

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# IMP Development Considerations

- Geographic Area: Hydrologically Connected area or whole NRD
- Stakeholder involvement considerations
- Complimentary to other Basin NRD IMPs?
- Consultant desired? If so, what is their role?
  - Data preparation, dissemination?
  - Facilitate meetings?
  - Assist in plan writing?

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## Why would we develop an IMP? (NeDNR perspectives)

- More localized understanding of future water uses/needs
- Jointly build a foundation of data and tools, and framework for data exchange
- Identify opportunities to better adapt to changing conditions
- Build relationships with NRDs to address water management from multiple scales

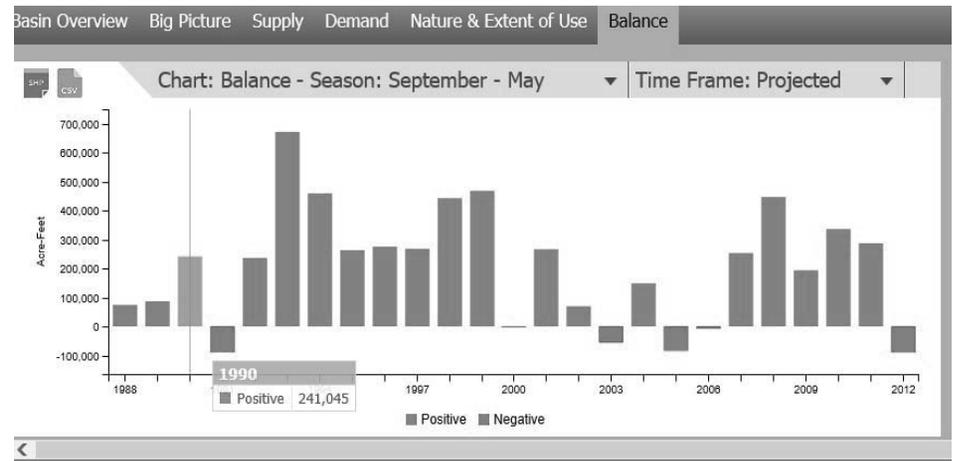
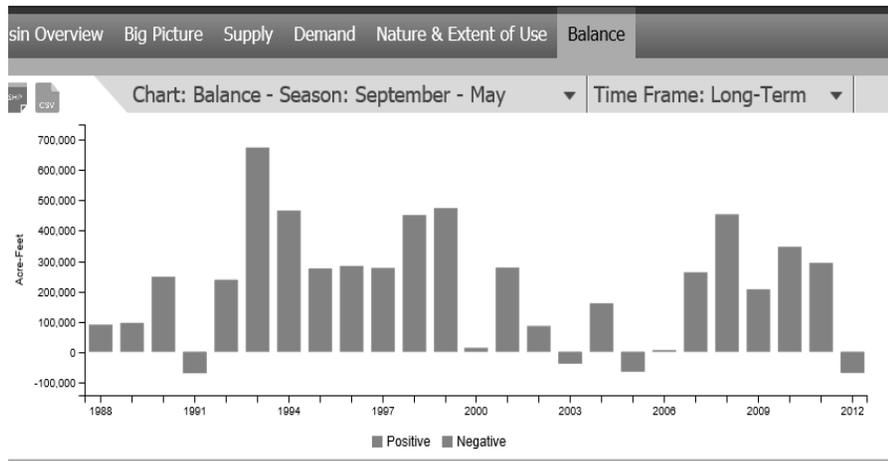
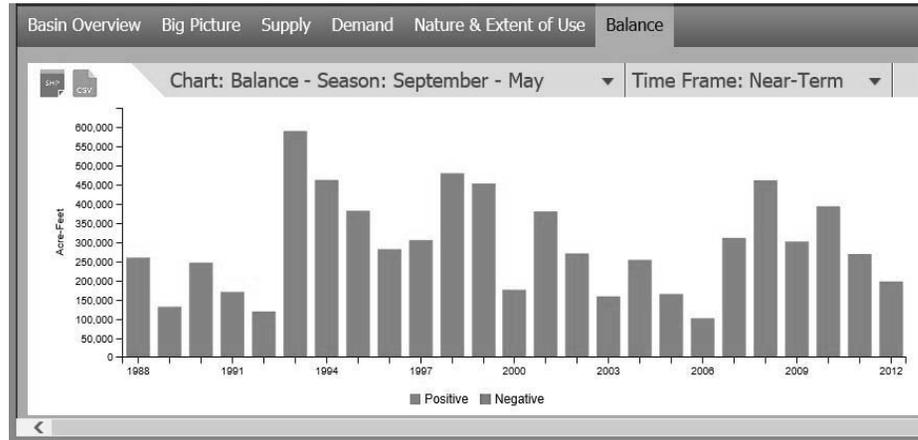
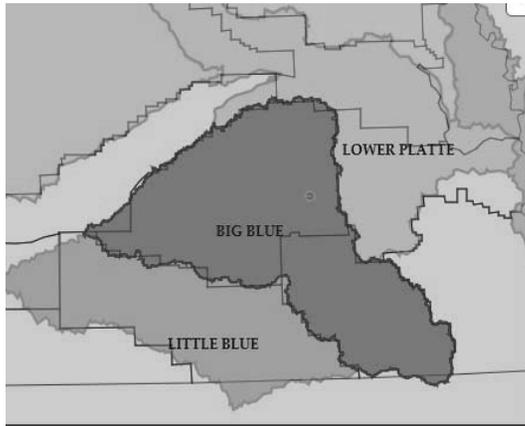
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## Why would we develop an IMP?

- Improved agency relationships
- Improved data acquisition/dissemination
- If fully appropriated designation occurs, would already have IMP framework in place
- Eligibility for the Water Sustainability Fund
- Proactive approach to water management
- Local buy-in
- Multi-directional education process

# INSIGHT Water Balance for Big Blue Basin



# Links

- Approved Voluntary IMPs
  - <https://dnr.nebraska.gov/water-planning/approved-water-management-plans> (Voluntary IMPs are LPSNRD, Papio-MR, LPNNRD, LNNRD, L&CNRD, LLNRD, and ULNRD)
  
- INSIGHT web tool
  - <http://www.dnr.ne.gov/insight/>
  
- Nebraska revised statutes
  - <https://nebraskalegislature.gov/laws/browse-statutes.php> (46-715 to 46-718 for IMPs)

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# Thank you!

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