

Surface Water Appropriations and Monitoring

April 9, 2015

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Overview

- SW - Irrigated Acres and Appropriations
- Monitoring
- Pump Checks
- Voluntary Water Use Reporting

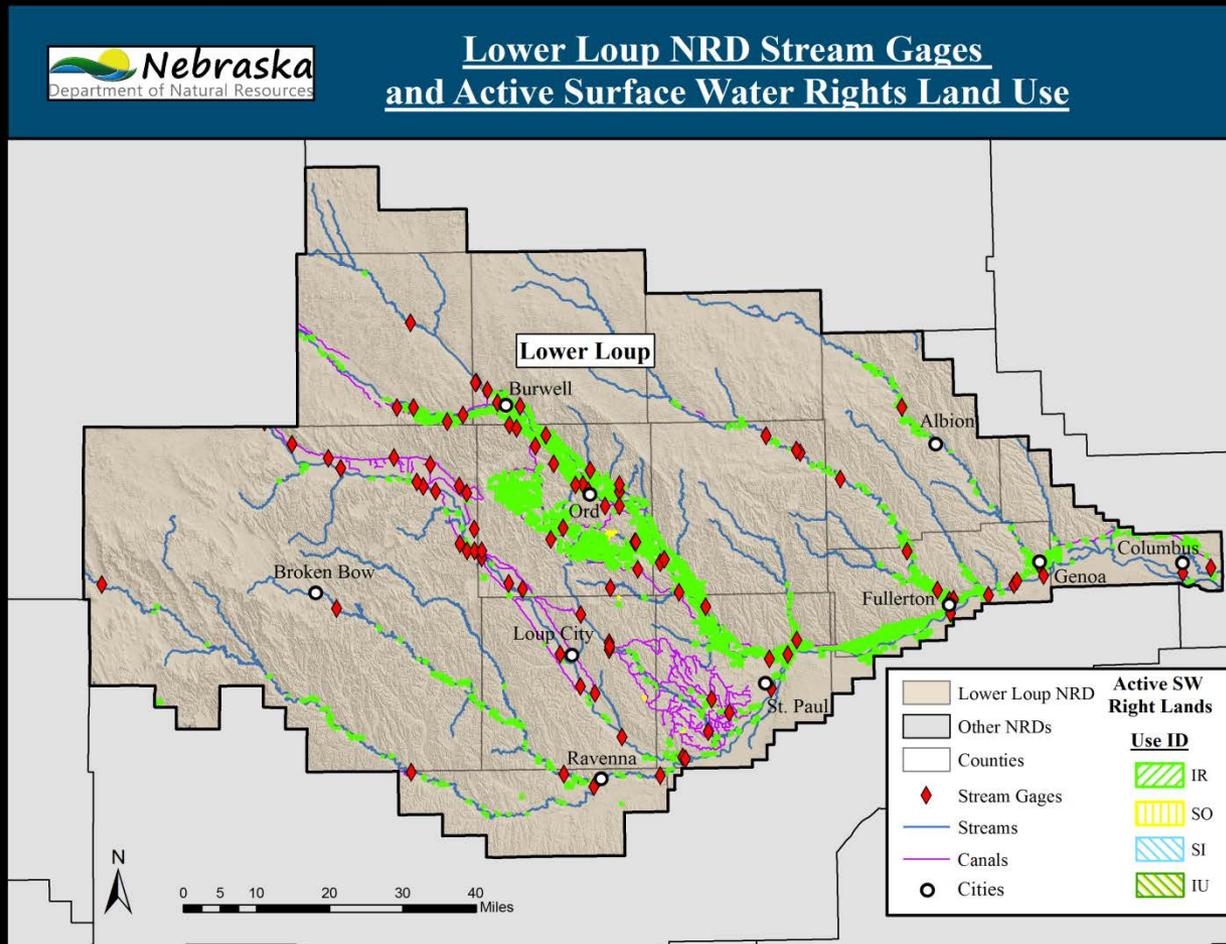
Surface Water Irrigated Acres by NRD

- Loup Basin ~ 228,000
- Lower Loup ~ 207,000
- Upper Loup ~ 17,000
- Lower Platte North ~ 3770
- Central Platte – 22

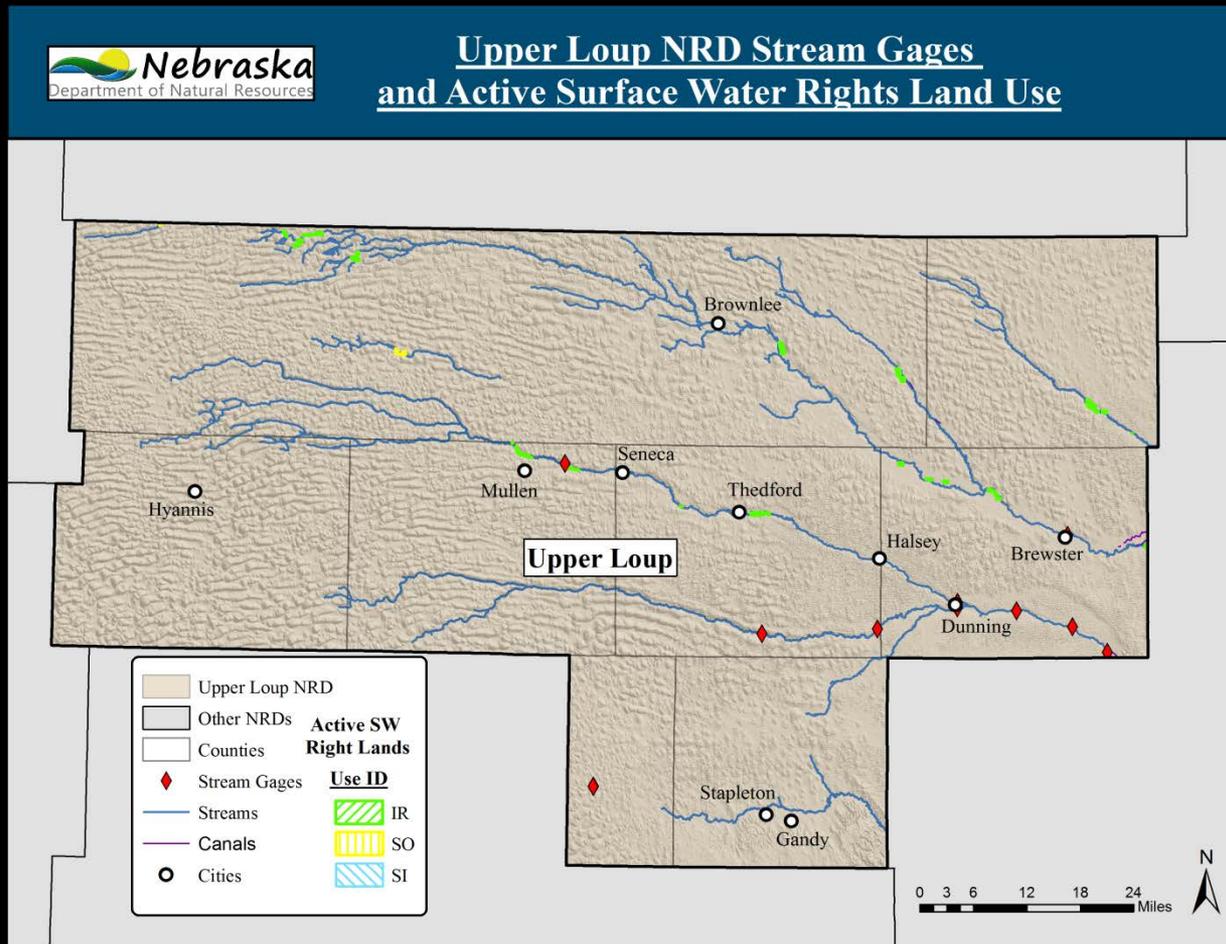
Surface Water Appropriations for Irrigation by NRD

- Lower Loup – 1047
- Upper Loup – 36

Surface Water Appropriations/ Streamgages



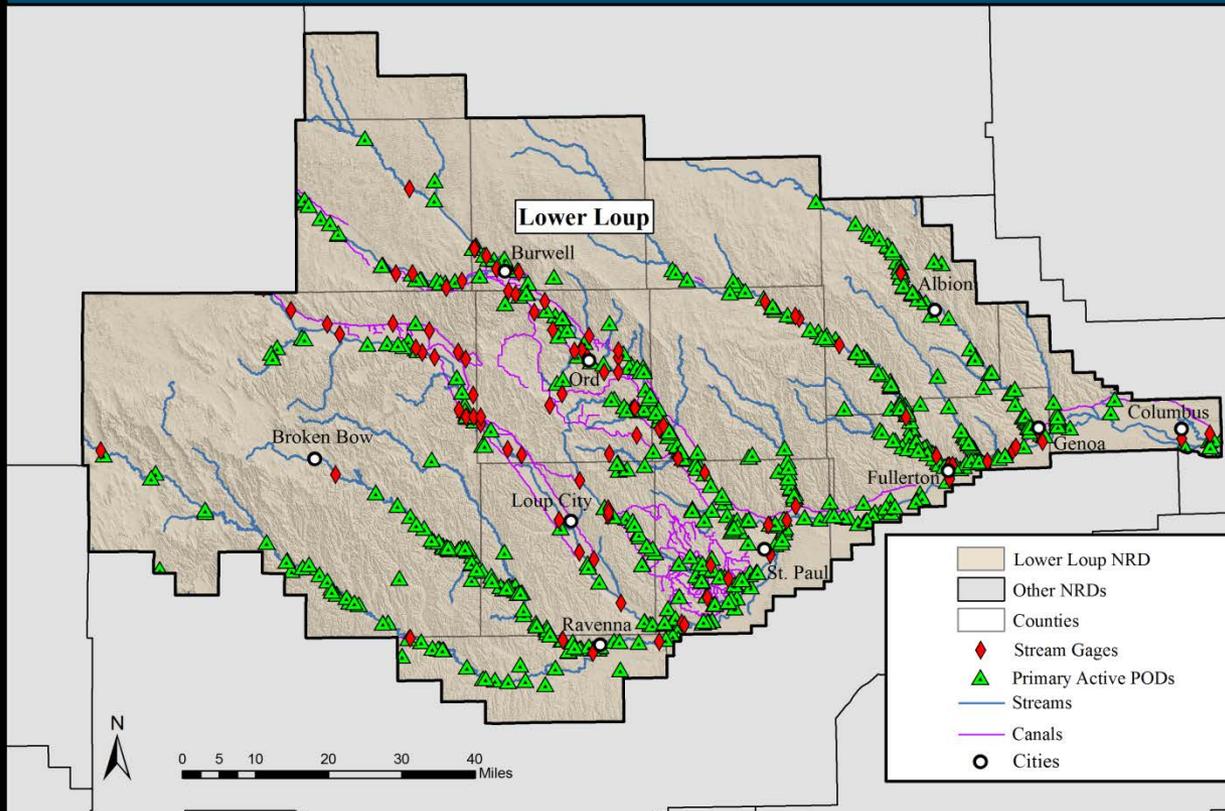
Surface Water Appropriations/ Streamgages



Points of Diversion/ Streamgages



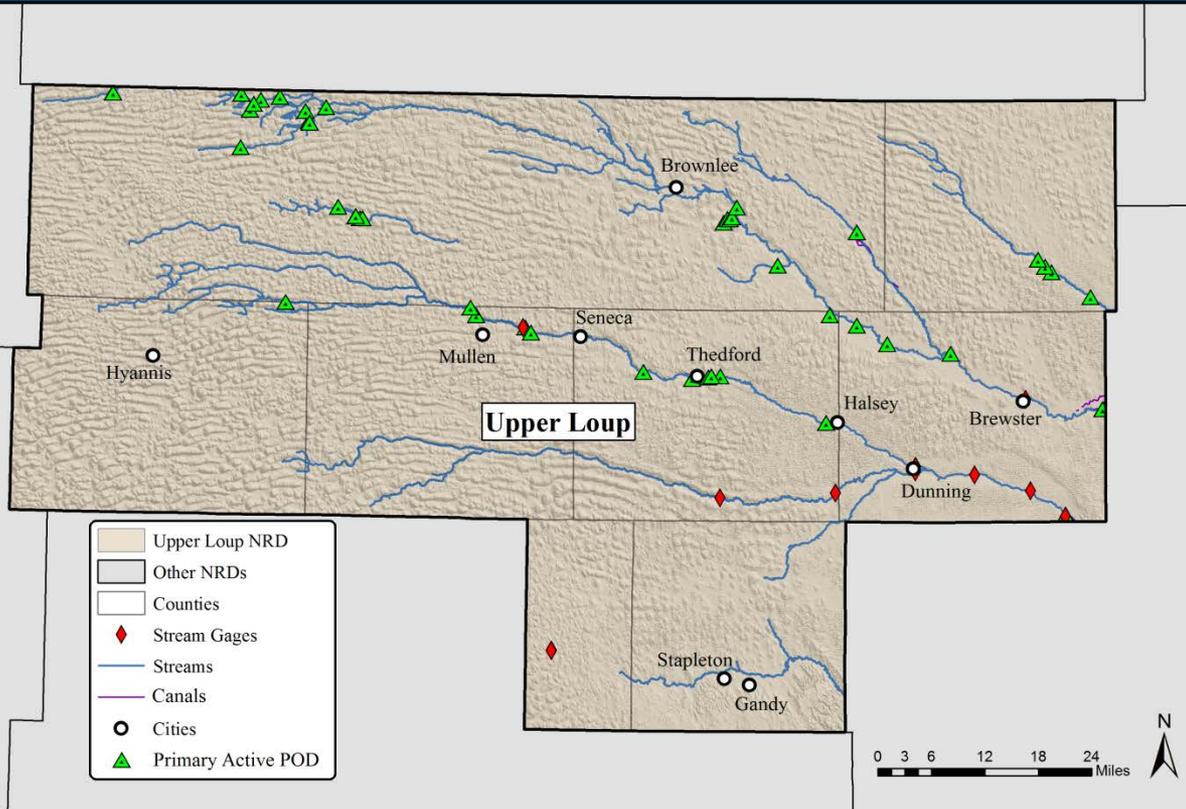
Lower Loup NRD Stream Gages and Active Points of Diversion



Points of Diversion/ Streamgages



Upper Loup NRD Stream Gages and Active Points of Diversion



Monitoring

- Irrigation Districts and Streamgages
- ~ 80% of surface water rights directly monitored
- DNR Field Offices perform pump checks each year

Monitoring (Pump Sheet)

The interface displays a map of a river area with several water rights highlighted in green and blue. The map includes labels for 'Little Blue River', 'Nuckolls', and various road numbers (Rd 4050, Rd 4000, Rd 4100). Water rights are labeled with their IDs and acreages: A18964 (34.40 ac), A18703 (11.50 ac), A18964 (8.80 ac), A18703 (27.80 ac), A18703 (31.50 ac), A18703 (15.70 ac), and A18703 (7.30 ac). Other nearby rights include A19232 (39.60 ac), S27, S26, S34, and S35.

Water Rights Information Window

Application Number: A 18703 Search
 Use: Select... Clear
 Status: Select...
 DSO: Up: Down:
 Priority: Enter Date
 From: 4/ 3/2015 To: 2/ 6/2014
 Division: Select...
 RightID:

Returned 1 Result(s)

AppNumber	PriorityDate	UseCode
A18703	5/20/2010	IR

Water Rights Pump Sheet

Pump Sheet | Appropriation: A18703 | Right ID: 10878
 Inspected By: cinbody (for ex. JSmith)
 Inspection Date: 4/ 3/2015
 Crop Type(s): Com Select...
 Pump Site Set Up: Yes
 Irrigation Type: Center Pivot
 Is Pump Running: Yes
 Groundwater: No Groundwater
 Notes: pump site moved south aprox 600 ft

Meter Reading:

Total Meter Reading: Select...
 Meter Serial Number: DNR S368
 Meter Brand: Polysonics
 Instant Meter Reading: 550 GPM
 GPM: 550.00
 CFS: 1.23
 Select Associated Appr. Num: Select... +

Create New Clear All

Voluntary Water Use Reporting

- For the remaining 20% of SW rights, there is a new Voluntary Water Use Reporting tool in the DNR Website
- First year voluntary response rate across the state was ~ 25%

Voluntary Water Use Reporting



2014 Annual Water Use Reporting v. 1.0

Let's get started - Step 1 of 4

- The Nebraska Department of Natural Resources recently sent you a letter to report water use for your appropriations this year online.
- Included in each invitation letter is a PIN to locate your appropriations and to report information about your surface water use.
- To add your PIN, enter it into the box below. Check to make sure that you have entered your PIN correctly. You may enter only one PIN for each water use report.
- When finished entering your PIN, click the button to Verify Contact Information - Step 2.
- **Note: Please do not navigate with your browser's back button. Use the buttons at the bottom of the page. Thank you.**

Enter your PIN from your invitation letter (ex. ABC-123-A12):



[Continue to Verify Contact Information - Step 2](#)

This site is best supported by following browsers:



Click on one of the links above to upgrade your Web browser for free.

Voluntary Water Use Reporting



2014 Annual Water Use Reporting v. 1.0

Enter Water Use Report - Step 3 of 4

Note: Please do not navigate with your browser's back button. Use the buttons at the bottom of the page. Thank you.

The date entered applies to the Surface Water Appropriation below for the year 2014:

Appropriation	Priority Date	Location	Source	Owner	Use	Reported By	Reporting

1. Did you irrigate with this appropriation for the above year? Yes No

Enter total acres:

Enter irrigation delivery system and click the "Add" button:

Irrigation Delivery System	Comments	
<input type="text" value="Pivot"/>	<input type="text"/>	<input type="button" value="Add"/>

2. Enter crop information and click the "Add" button:

Crop Type	Number of Acres	
<input type="text" value="Corn"/>	<input type="text" value="100"/>	<input type="button" value="Add"/>

3. Is this appropriation used in conjunction with a groundwater well? Yes No

Find my Well: [Map Search](#) or [Name Search](#)

Enter Well Number

Summary

- SW Appropriations followed up by extensive monitoring
- ~ 80% directly monitored
- New voluntary water use reporting is underway

