

Terry Julesgard, Water Department Manager

NATURAL RESOURCES DISTRICT HISTORY

- Established in 1972, Nebraska's Natural Resources Districts are local government units involved in a variety of projects and programs to conserve and protect the state's natural resources. Today, Nebraska's unique system of locally-controlled, tax-funded, watershed-based conservation is widely admired throughout the nation.
 - In 1969, Sen. Maurice Kremer introduced and the Nebraska Legislature enacted Legislative Bill 1357 to combine Nebraska's 154 special-purpose entities into 24 Natural Resources Districts by July 1972. In 1989, the Middle Missouri NRD and the Papio NRD were merged to become the Papio-Missouri River NRD resulting in today's 23 Natural Resources Districts.
- NRD boundaries are organized based on Nebraska's major river basins, which allows for better management practices to be applied to similar topography.
- Natural Resources Districts were created to solve flood control, soil erosion, irrigation run-off, and groundwater quantity and quality issues. Nebraska's NRDs are involved in a wide variety of projects and programs to conserve and protect the state's natural resources. NRDs are charged under state law with 12 areas of responsibility including flood control, soil erosion, groundwater management and many others.

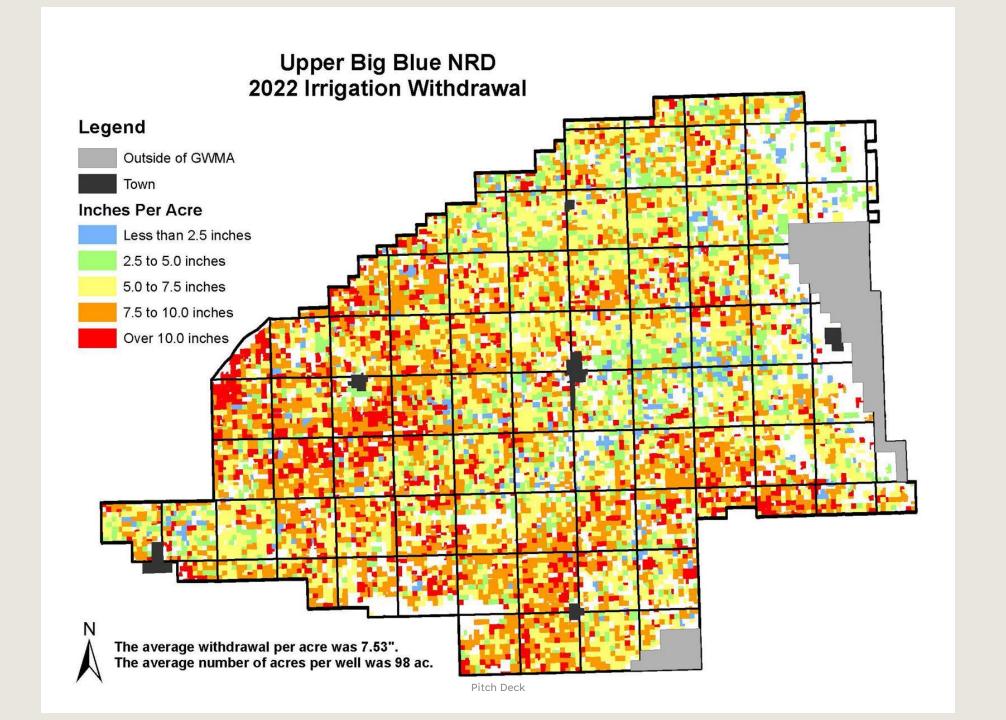
NATURAL RESOURCES MANAGEMENT

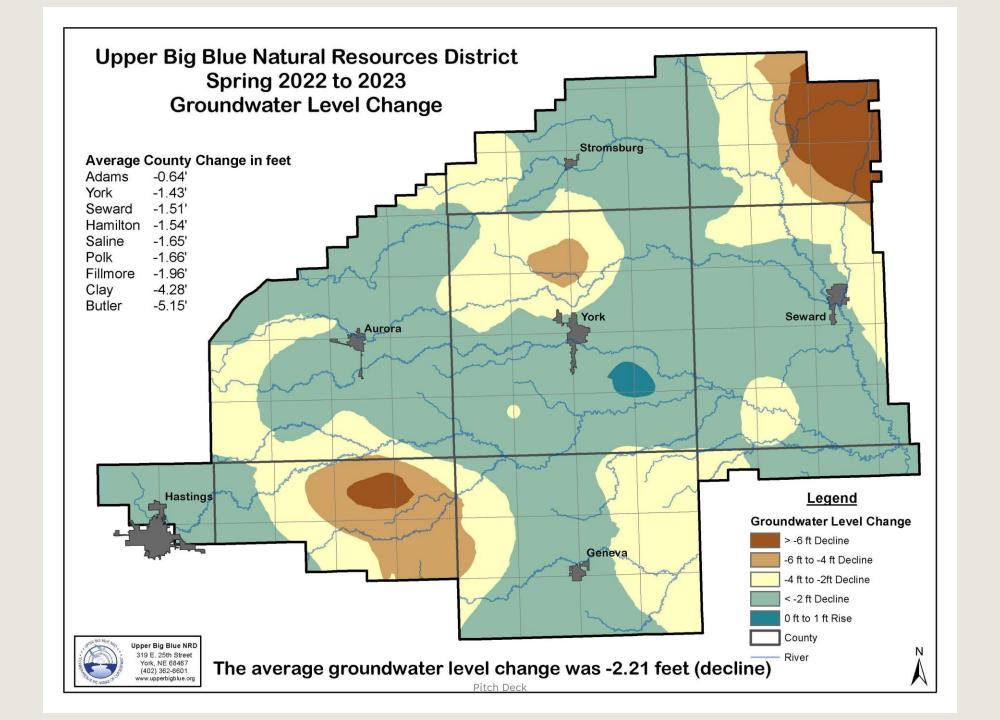
- Water
- Soil
- Urban Conservation
- •Flood Control
- Trees & Wildlife Habitat
- Recreation
- Grazing Lands
- Education

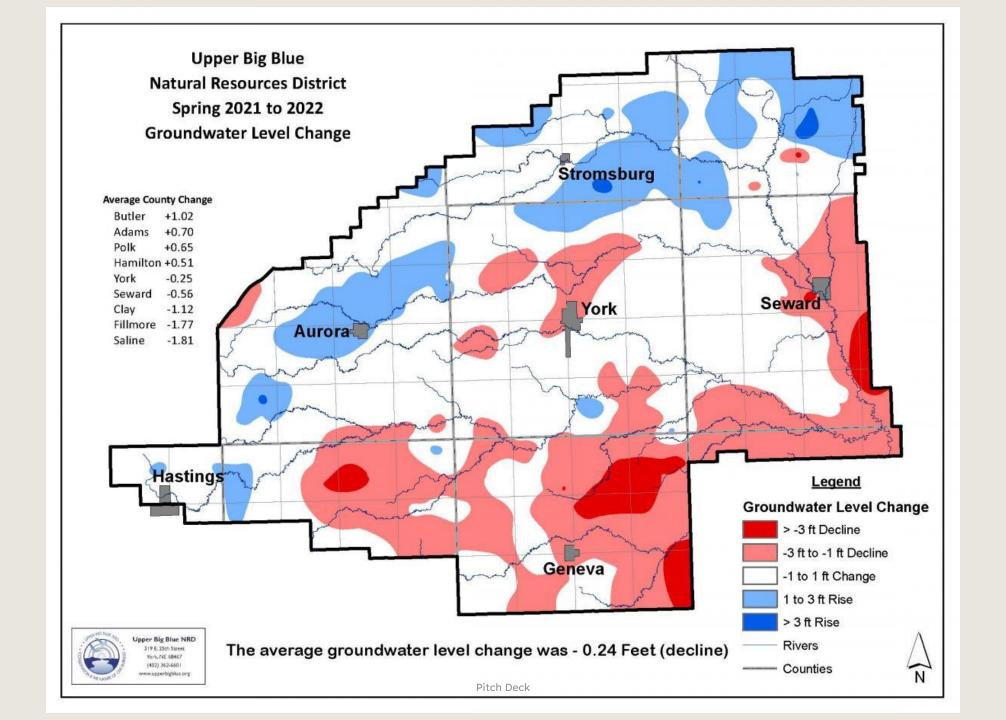


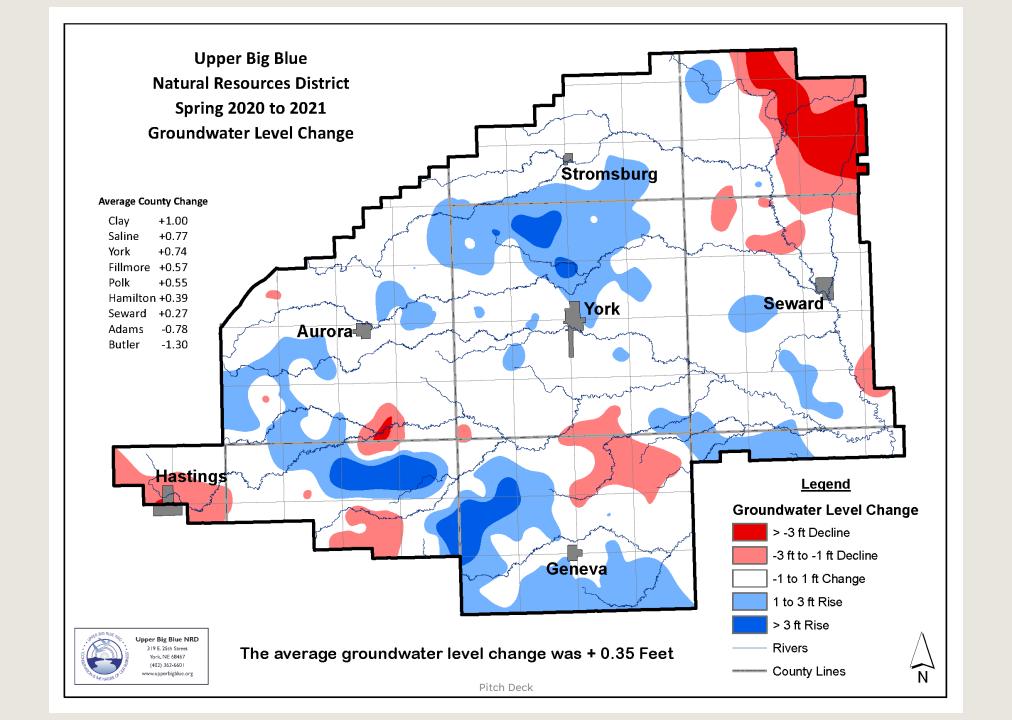
NATURAL RESOURCES DISTRICT RESPONSIBILITIES

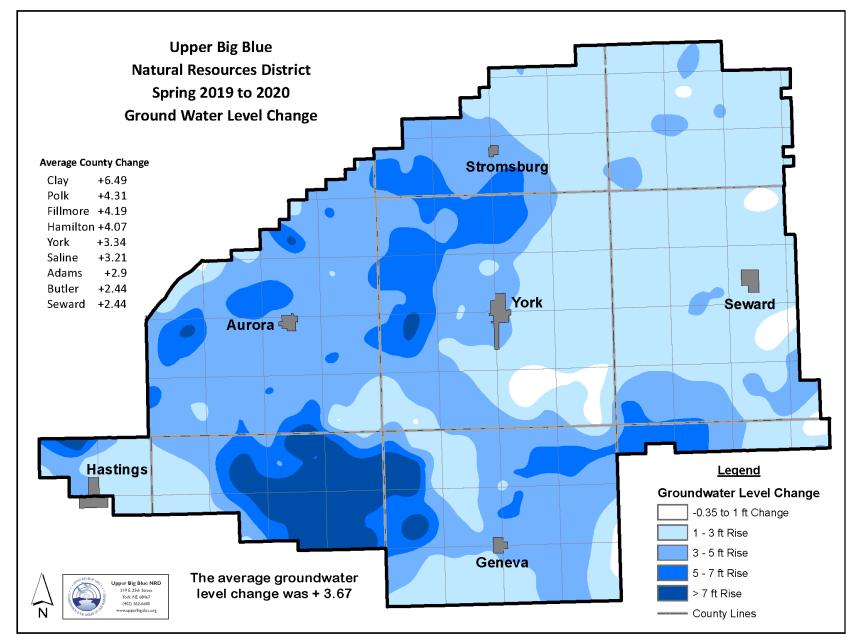
- Development, management, use, and conservation of groundwater and surface water
- Soil conservation
- Erosion prevention and control
- Flood prevention and control
- Pollution control
- Water supply for any beneficial uses
- Prevention of damages from flood water and sediment
- Development and management of recreational and park facilities
- Forestry and range management
- Development and management of fish and wildlife habitat
- Drainage improvement
- Solid waste disposal



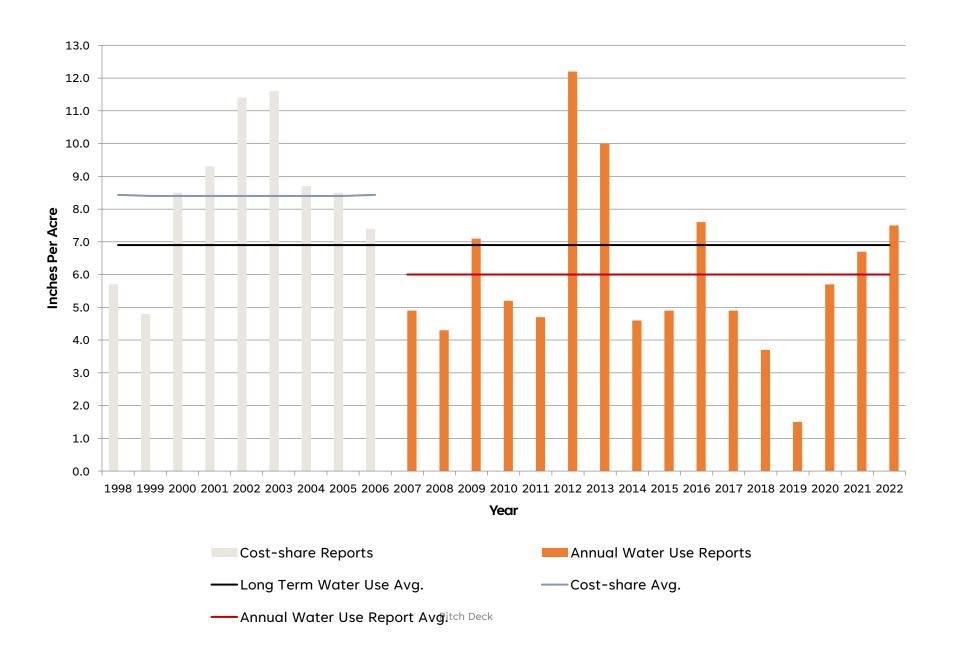




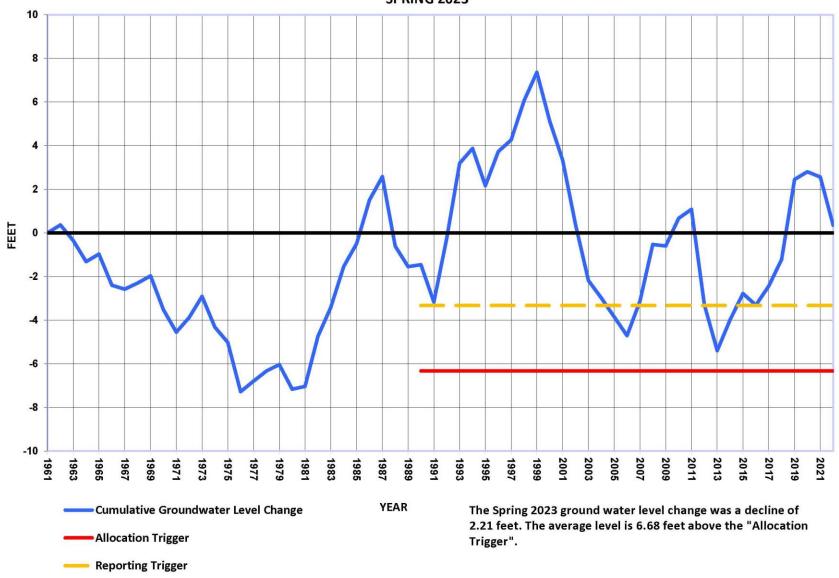




Upper Big Blue NRD Historic Groundwater Withdrawal for Irrigation

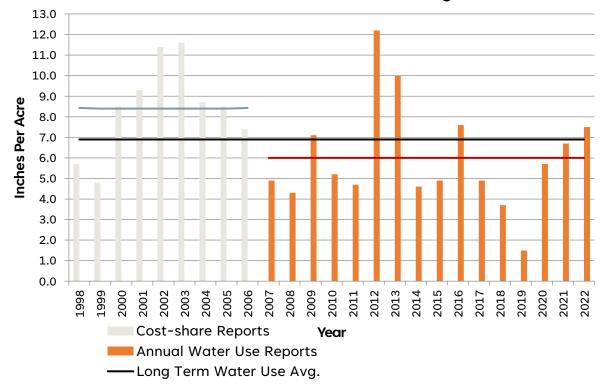


UPPER BIG BLUE NRD - AVERAGE GROUNDWATER LEVELS TRIGGERS COMPARED TO HISTORIC LEVELS SPRING 2023

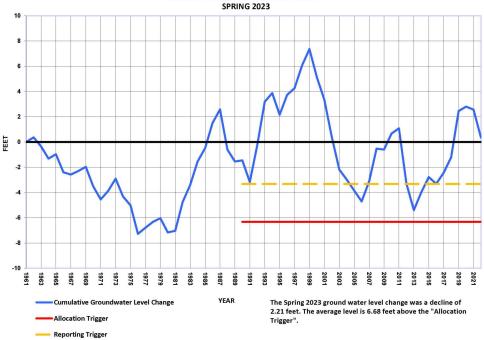


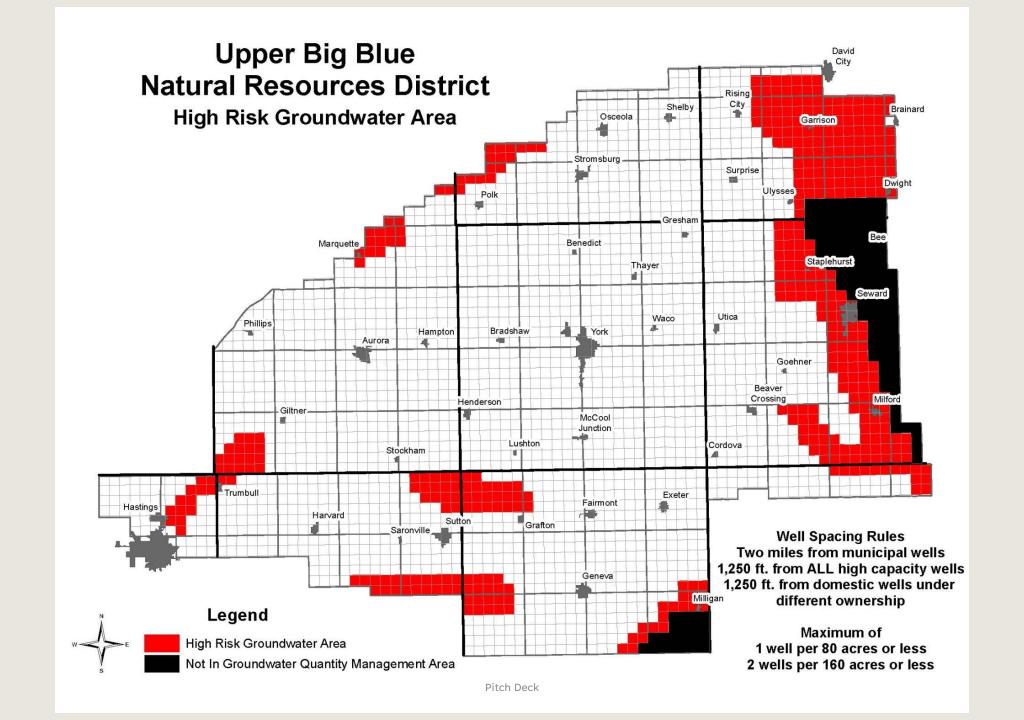
Upper Big Blue NRD

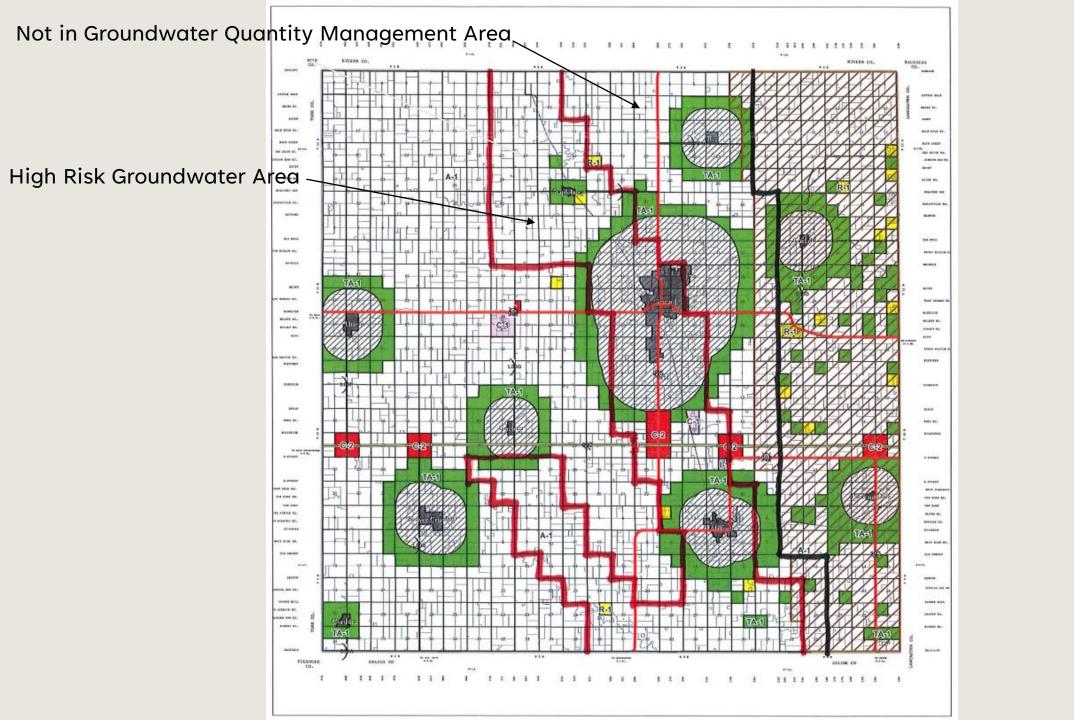
Historic Groundwater Withdrawal for Irrigation

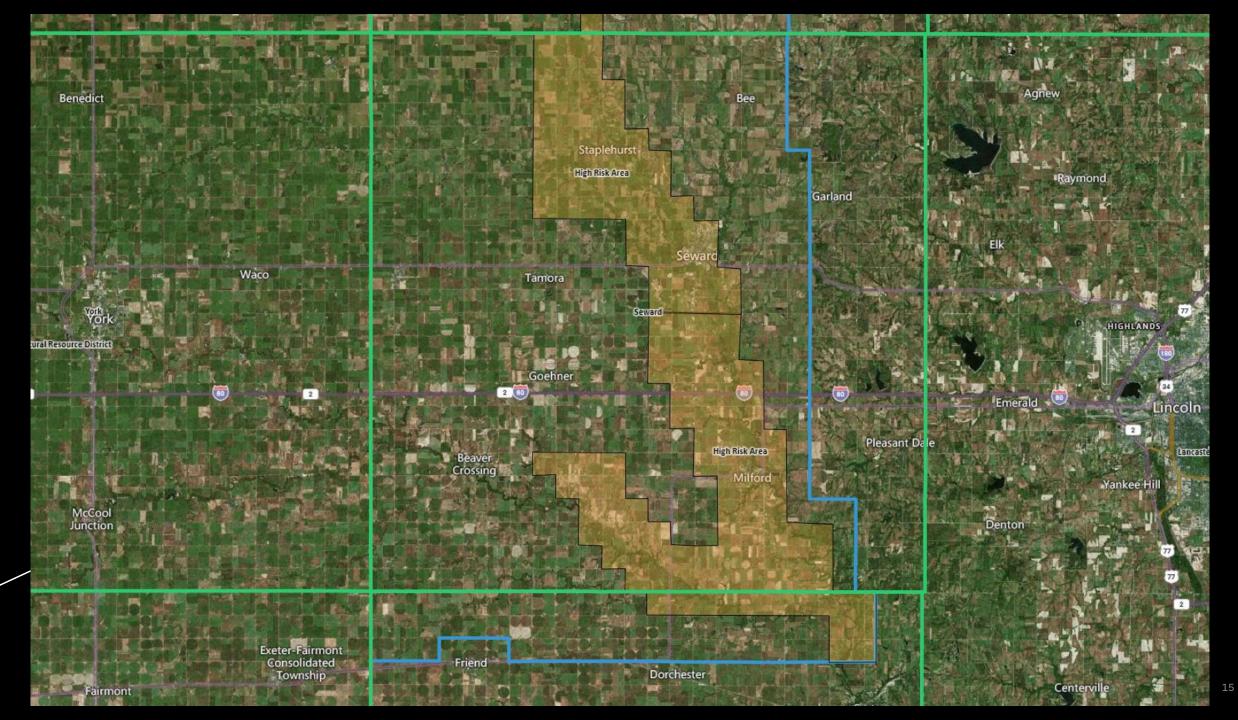


UPPER BIG BLUE NRD - AVERAGE GROUNDWATER LEVELS TRIGGERS COMPARED TO HISTORIC LEVELS









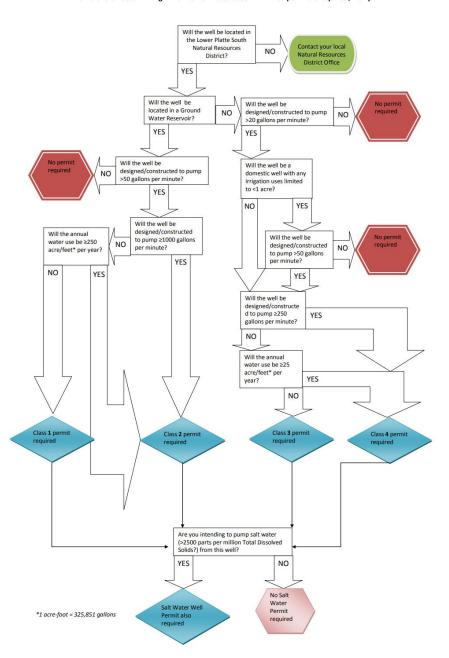
APPLICATION FOR A PERMIT TO CONSTRUCT/MODIFY A WATER WELL IN THE UPPER BIG BLUE NATURAL RESOURCES DISTRICT NRD USE ONLY See Application Instructions on Back PERMIT No. UBB-1-DATE RECEIVED: 1. Type of permit requested: Check appropriate item(s) COOPERATOR No: Supplemental (If supplemental, complete item 1A) CHECK NUMBER: List State Registration No.(s) of existing well(s) CITIZENSHIP FORM REC'D: 2. Is this application for construction of a series of wells? (more than one) High Risk Groundwater Area: No If YES, how many wells? NAME AND ADDRESS OF LANDOWNER: NAME AND ADDRESS OF WELL DRILLER: Phone E-mail 5. Name of Farm Operator (if different than landowner): 6. Name of Pump Installer (If different than well driller): 7. Will the proposed well be connected to another well or be used to supplement an existing water use from another Yes No (IF YES, list State Registration No(s). of other well(s) 8. Proposed Use of Well(s): (Check one) Irrigation Industrial Livestock Domestic **Public Water Supply** Other (specify) 9. Identify the location of the proposed well(s): (Existing well(s) for a supplemental permit) Section _____, Township County East/West feet from the section line and will be Well A will be located feet from the section line. North/South East/West Degrees Minutes Seconds Minutes Seconds Latitude: Longitude: If multiple there are locations include Addendum A-Additional Water Well Locations 10. Well location sketch: The box at the right represents one square mile, (1 section). Indicate Co. Parcel #/NRD Tract #: with the corresponding well letter (A, B, C etc), the proposed location of the well(s). If the proposed water use is not for irrigation or wetlands skip to question 12. 11. Irrigation or Wetlands Application of Water: 11a. How many acres will the proposed well(s) apply water to? Crosshatch the approximate area to be irrigated in the box to the right. NESE 11b. Type of irrigation (water distribution) system proposed? Center pivot Gated pipe Other (specify) 11c. Are any of the acres identified in question 11a irrigated now? SESE No IF YES, please answer 11d & 11e) 11d. How many acres? 11e. Current type of irrigation (water distribution) system? 2640' Gated pipe Other (specify) 5280' 11f. Do you intend to irrigate with this well during the current calendar year? No

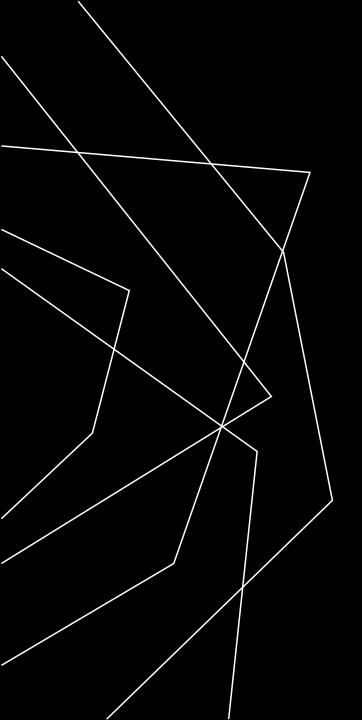
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	12. ESTIMATED PUMPING CAPACITY: gallons per minute.
	12a. Will the proposed well(s) withdraw 250 acre feet or more annually? Yes No
	If YES, please include questions 12B-12E on Addendum B – Large Water User Determination with application
	13. REPLACEMENT WELL INFORMATION:
	13a. Will this well(s) replace a well(s) that is or will be permanently abandoned? Yes No
	13b. State Registration No
	13c. The proposed well will be feet from the original well.
	13d. Will the proposed well(s) have the original meter installed? Yes No
	14. GROUND WATER TRANSFER:
	Is the proposed well to be used to transfer water outside of the section listed above? Yes No If YES, include a Groundwater Transfer Authorization application.)(Approval of this permit DOES NOT constitute approval of the groundwater transfer authorization
	LANDOWNER CERTIFICATION:
	I, hereby, certify that I am the landowner, his or her power of attorney or other (see #3 below) and that I am familiar
	with the information contained in this application and, that to the best of my knowledge and belief, the information is
	complete and accurate. I also acknowledge that I understand and will comply with the District's Ground Water
	Management Area Rules and Regulations (District Rule 5). I further authorize representatives of the District to enter onto this above described property for the purpose of determining compliance with District's Ground Water
	Management Area Rules and Regulations (District Rule 5).
	Please read application instructions and permit restrictions listed below before you sign.
	Date Authorized Signature(See Application Instructions - item # 3)
	Application Instructions
	Application Fee: This application must be completed in full and be accompanied by the appropriate non-refundable filing fee:
	The fee is dependent on the nature of the request. The fees are as follows:
	\$50 Construction of a new or replacement well(s), or modification of a well(s) from 50 gpm or less to more than 50 gpm.
	\$100 The combination of construction of a well and a groundwater transfer authorization (combination of 1 and 2). \$250 Late permit for a well constructed without a permit prior to construction.
	 An incomplete application will be returned for correction. A returned application must be resubmitted within 30 days or the filing fee is forfeited. The application must be signed by the landowner, his/her power of attorney or be accompanied by a notarized statement, signed by the landowner, authorizing the other person's signature. State law requires that a "United States Citizenship Attestation Form" must be completed and submitted with the well permit application. If the answer to item 12A was "YES", a hydrologic evaluation, as described in District Rule 5, may be required. The applicant should contact the District prior to submission of this application.
	Permit Restrictions and Important Information
	 This permit shall remain in force for one (1) year from the date approved. The construction and operation of the wells authorized by a water well permit must comply with the provisions of the District's Ground Water
	Management Area Rules and Regulations (District Rule 5). Failure to comply with District Rule 5 is subject to Issuance of a Cease and Desist Or- der and a civil penalty of not less than one thousand dollars, and not more than five thousand dollars for each day an intentional violation oc- curs. Prior to construction or operation, the permittee should contact the NRD office if he or she has any questions about the rules and regulations. A copy of District Rule 5 can be obtained by contacting the Upper Big Blue NRD office or online at http://www.upperbigblue.org/sites/default/files/files/1/rule_5 as adopted 8-21-2014 0.pdf
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Flowchart for determining which Lower Platte South NRD well permit is required, if any.





THANK YOU

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