

# North Platte Natural Resources District

## ANNUAL REPORT OF 2023 WATER USE ACTIVITIES IN THE NORTH PLATTE NRD



TO MEET THE REQUIREMENTS OF THE INTEGRATED MANAGEMENT PLAN  
FOR THE 2023 BASIN-WIDE MEETING

Meeting Date: August 1, 2024



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**I. INTRODUCTION**

This report is intended to satisfy the North Platte Natural Resources District tracking and reporting requirements as described by the Monitoring and Studies section of the North Platte Natural Resources District Integrated Management Plan (IMP). This report contains information on those activities required to be tracked for the period January 1, 2023, to December 31, 2023.

**II. CERTIFICATIONS**

There were no new acres certified for the period January 1, 2023, to December 31, 2023.

**III. APPROVED TRANSFERS**

There were no new transfers for the period January 1, 2023, to December 31, 2023.

**IV. VARIANCES**

NRD Variance Number	Landowner	Section	Township	Range	Well Registration	Reason
VAR-2023-02	Gary W. Wiedeman	15	23	58 W	G-023669, A-007085A, G-062324	Exemption to Allocation
VAR-2023-003	Dwayne Nolte Revocable Trust	29	19	48 W	G-018143	Exemption to Allocation

**V. OTHER PERMITS**

No other permits were approved between January 1, 2023, and December 31, 2023.

**VI. WELL CONSTRUCTION PERMITS**

The following table lists the well construction permits that were approved, cancelled, or denied between January 1, 2023, and December 31, 2023:

NRD Permit Number	Legal Description	Use	Status	Replacement	DNR Registration Number
NP RP 23001	8-21-54W	Irrigation	Withdrawn		
NP RP 23002	25-22-52W	Irrigation	Active	Yes*	G-075753
NP SG 23003	21-21-52W	Irrigation	Active	No	G-021711
NP SG 23005	14-17-44W	Irrigation	Active	No	G-198105
NP RP 23006	36-24-57W	Irrigation	Suspense	Yes*	A-003890
NP SG 23007	6-23-56W	Irrigation	Inactive	No	G-199812

\*This is a Special Circumstance Replacement Well, as per NPNRD Rules.

## VII. IRRIGATION WELL FLOW METER DATA

The ending flow meter readings for Water Year 2023 were collected during October and November 2023. The preliminary amount of ground water withdrawn for irrigation purposes in the overappropriated area (including the Pumpkin Creek Basin Ground Water Management Subarea) for Water Year 2023 was 105,200 acre-feet on 174,834 certified irrigated acres, for an average withdrawal of 7.2 acre-inches per acre. The above numbers do not include withdrawal amounts that have not yet been calculated by some other means or for users whose data could not be directly obtained from a flow meter because of, e.g., a failed flow meter.

## VIII. RETIRED ACRES AND OTHER STREAMFLOW ACCRETION ACTIVITIES

There was a total of 2,698.01 acres that remained in NRD lease programs. Those acres include 392.5 acres of co-mingled irrigated lands; 312.32 acres of surface water irrigated lands; and 1993.19 acres of ground water irrigated lands.

In February of 2023, the North Platte NRD received applications from District Producers interested in selling all or a portion of their yearly base allocation through our EPIC program. In crop year 2023, the District purchased 141 inches of ground water over 1228.73 acres that would have been consumptively used in growing crops. By purchasing the allocation, the District was able to gain consumptive use credit that will be applied towards our Platte River obligations. In 2023, the District paid participating producers a total of \$136,758.30.

## IX. OTHER WATER BANKING ACTIVITIES

No water banking activities were conducted between January 1, 2023, and December 31, 2023.

## X. MUNICIPAL AND INDUSTRIAL ACCOUNTING

The following table lists the information gathered for the municipal accounting requirement:

City	Baseline (gallons)*	2023 Use (gallons)*	2023 Population**	2023 gallons per capita per day
Bayard	151,783,533	96,600,000	1123	235.7
Bridgeport	237,176,000	70,759,820	1545	125.5
Broadwater	45,668,104			
Gering	891,820,400	627,101,050	8419	204.1
Minatare	61,311,333	56,304,722	809	190.7
Mitchell	173,323,000			
Oshkosh	125,128,333	65,516,500	804	223.3
Scottsbluff	960,551,017	596,257,278	14,282	114.4
Terrytown	147,433,847	44,227,000	1195	101.4
WNJWB (includes Lyman, Henry, Morrill)	327,391,371	110,084,100	1368	220.5

\*This includes pumping and, if applicable, discharge volumes.

\*\*Population numbers were supplied by the municipality.

The following table lists the information gathered for the industrial accounting requirement:

<b>Name</b>	<b>Location</b>	<b>Well Reg. #</b>	<b>Baseline 2001-2006 (Acres or Gallons)</b>	<b>2023 Use (Acres/Gallons)</b>
Courthouse and Jail Rock Golf Club	Sec. 29, T19N, R50W	G-096426, G-056581	35.21 acres	35.21 acres
Riverview Golf and Country Club	Sec. 17 and 20, T22N, R55W	G-083316, G-083317	67 acres	67 acres
Scottsbluff Country Club	Sec. 10, T22N, R55W	G-147117, G-147118, G-147119	106 acres	106 acres
Chimney Rock Golf Course	Sec. 22, T21N, R52W	G-072722	81.25 acres	81.25 acres
Rolling Green Golf Course	Sec. 15, T23N, R57W	G-029114	46.3 acres	46.3 acres
Scenic Knolls Golf Course	Sec. 9 and 16, T23N, R56W	G-120401	63.3 acres	63.3 acres
Oshkosh Country Club	Sec. 10, T16N, R44W	G-131367	33.2 acres	33.2 acres
Western Sugar Cooperative	Sec. 30, T22N, R54W	G-074421, G-074422, G-074423, G-005567	1,125,000,000 gallons	465,933,314 Gallons
Bridgeport Ethanol LLC	Sec. 03, T19N, R50W	G-117573, G-152360	136,498,984 gallons*	130,694,578 Gallons

\*Baseline determined by 2009-2018 and will be re-evaluated every 5 years

#### **XI. OTHER DATA ACQUISITION**

The North Platte NRD in combination with the Nebraska Soil and Water Conservation Program provided cost-share in the amount of **\$112,688.95** for irrigation improvements through the NC-17 practice. Improvements included conversion nozzles, system renovations, drop nozzles and precision irrigation systems.