

# North Platte Natural Resources District

## ANNUAL REPORT OF 2022 WATER USE ACTIVITIES IN THE NORTH PLATTE NRD



TO MEET THE REQUIREMENTS OF THE INTEGRATED MANAGEMENT PLAN  
FOR THE 2022 BASIN-WIDE MEETING

Meeting Date: August 3, 2023



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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, 2022, to December 31, 2022.

**II. CERTIFICATIONS**

There were no new acres certified for the period January 1, 2022, to December 31, 2022.

**III. APPROVED TRANSFERS**

<b>NRD Transfer Number</b>	<b>Landowner</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>	<b>Well Registration</b>	<b>Acres</b>
TA-22-002	Blomenkamp Farm and Ranch LLC	30	19	46	G-159937	40.7

**IV. VARIANCES**

<b>NRD Variance Number</b>	<b>Landowner</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>	<b>Well Registration</b>	<b>Reason</b>
VAR-2021-002	Dwayne Nolte Revocable Trust	29	19	48	G-018143	Exemption to Allocation
VAR-2022-003	Michael and Ramona Green	4	21	53	G-155320	Exemption to Allocation
VAR-2022-004	Jason Frank	34	23	55	G-044201	Exemption to Allocation
VAR-2022-005	BY Foos LLC	21	23	57	G-074135, G-075810, G-000797	Exemption to Allocation
VAR-2022-006	Daniel and Colleen Howard	28	23	57	G-016967	Exemption to Allocation
VAR-2022-007	Kim and Jennifer Erickson	29	19	48	G-018144	Exemption to Allocation
VAR-2022-008	James R Olson Trust and Carol A Olson Trust	11	16	44	G-061839	Exemption to Allocation
VAR-2022-009	Steven L and Judith R Buskirk	5	21	54	G-002883	Exemption to Allocation
VAR-2022-010	James L and Helen J Reinhardt	4	22	55	G-147831	Exemption to Allocation
VAR-2022-011	Lapaseotes Land LLC	23	19	49	G-006042	Exemption to Allocation

VAR-2022-012	Western Nebraska Regional Airport	21	22	54	G-132433	Exemption to Allocation
VAR-2022-013	Box A Ranch LLC	16	23	58	G-015400	Exemption to Allocation
VAR-2022-014	Jennifer C Hoevet	34	23	56	G-018875	Exemption to Allocation
VAR-2022-015	Ann and Dale Kurtz	4	22	55	G-147831	Exemption to Allocation
VAR-2022-016	Robert Cameron and Jessica J Carlson	16	23	58	G-146398	Exemption to Allocation
VAR-2022-017	Robert Cameron and Jessica J Carlson	9	23	58	G-082685	Exemption to Allocation
VAR-2022-018	Blomenkamp Farm and Ranch	30	19	46	G-06451, G-042371	Depletion Zone Difference for Transfer

## V. OTHER PERMITS

No other permits were approved between January 1, 2022, and December 31, 2022.

## VI. WELL CONSTRUCTION PERMITS

The following table lists the well construction permits that were approved, cancelled, or denied between January 1, 2022, and December 31, 2022:

NRD Permit Number	Legal Description	Use	Status	Replacement	DNR Registration Number
NP RP 22001	25-21-52W	Irrigation	Suspense	Yes*	G-024477
NP RP 22002	9-19-47W	Irrigation	Active	Yes*	G-049581
NP RP 22003	20-18-49W	Irrigation	Active	Yes*	G-021850
NP RP 22004	9-21-51W	Irrigation	Construction	Yes*	G-095205
NP RP 22005	21-24-57W	Irrigation	Suspense	Yes*	G-084274
NP RP 22006	35-22-53W	Irrigation	Inactive	Yes*	A-006618
NP RP 22007	34-18-49W	Irrigation	Active	Yes*	G-053620

\*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 2022 were collected during October and November 2022. 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 2022 was 238,329 acre-feet on 225,726 certified irrigated acres, for an average withdrawal of 12.7 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 were 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 2022, 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 2022, the District purchased 116 inches of ground water over 705.71 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 2022, the District paid participating producers a total of \$99,707.10.

**IX. OTHER WATER BANKING ACTIVITIES**

No water banking activities were conducted between January 1, 2022, and December 31, 2022.

**X. MUNICIPAL AND INDUSTRIAL ACCOUNTING**

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

City	Baseline (gallons)*	2022 Use (gallons)*	2022 Population**	2022 gallons per capita per day
Bayard	151,783,533	89,535,001	1064	215.2
Bridgeport	237,176,000	104,705,670	1532	187.2
Broadwater	45,668,104			
Gering	891,820,400	836,147,981	8516	269
Minatare	61,311,333	63,310,386	809	214.4
Mitchell	173,323,000	142,032,500	1526	255
Oshkosh	125,128,333	75,457,000	804	257.1
Scottsbluff	960,551,017	755,064,514	14,282	144.8
Terrytown	147,433,847	59,664,000	1195	136.8
WNJWB (includes Lyman, Henry, Morrill)	327,391,371	124,653,100	1368	249.6

\*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>2022 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	903,940,368 Gallons
Bridgeport Ethanol LLC	Sec. 03, T19N, R50W	G-117573, G-152360	136,498,984 gallons*	140,793,458 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 \$83,183.28 for irrigation improvements through the NC-17 practice. Improvements included conversion nozzles, system renovations, drop nozzles and precision irrigation systems.