

North Platte Natural Resources District

ANNUAL REPORT OF 2012 WATER USE ACTIVITIES IN THE
NORTH PLATTE NRD



TO MEET THE REQUIREMENTS OF THE INTEGRATED MANAGEMENT PLAN
FOR THE 2013 BASIN-WIDE MEETING

Meeting Date: June 20, 2013



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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).

The 2013 report contains information on those activities required to be tracked for the period January 1, 2012, to December 31, 2012.

II. CERTIFICATIONS

No new acres were certified between January 1, 2012 and December 31, 2012.

III. APPROVED TRANSFERS

Two transfers of certified irrigated acres and the point of withdrawal were approved between January 1, 2012 and December 31, 2012.

Permit Number	Acres Transferred	From Location	New Acres	To Location
TA-11-003	19.9	Sec. 27, T16N, R42W	19.2	Sec. 26, T16N, R42W
TA-12-001	83.1	Sec. 23, T20N, R53W	82.3	Sec. 22, T20N, R53W

IV. VARIANCES

No variances were approved between January 1, 2012 and December 31, 2012.

V. OTHER PERMITS

No other permits were approved between January 1, 2012 and December 31, 2012.

VI. WELL CONSTRUCTION PERMITS

The following table lists the well construction permits that were issued, cancelled or denied between January 1, 2012 and December 31, 2012:

NRD Permit Number	Legal Description	Use	Replacement	DNR Registration Number
NP-MU-xxxxxx		Public Water Supply	No*	
NP-MU-xxxxxx		Public Water Supply	No*	
NP-RP-12003	9-T20N-R53W	Irrigation	Yes	G-045695
NP-RP-12004	4-T19N-R56W	Irrigation	Yes	G-031132C
NP-RP-12005	18-T19N-R53W	Irrigation	Yes	G-007576
NP-RP-12006	3-T19N-R50W	Irrigation	Yes	A-006963
NP-RP-12007	6-T20N-R51W	Irrigation	Yes	Cancelled
NP-RP-12008	24-T23N-R56W	Irrigation	Yes	G-096457
NP-IN-12009	34-T23N-R58W	Industrial	No**	G-164351
NP-RP-12010	12-T22N-R56W	Irrigation	Yes	G-127757
NP-RP-12011	15-T22N-R54W	Irrigation	Yes	Has not been registered yet

*These two public water supply wells are for a regional water supply for Henry, Morrill and Lyman, NE. A modeling analysis has been done to determine the impacts to the North Platte River and to third parties due to moving the point of withdrawal from the in-town municipal wells to the regional wellfield. Third party impacts have been mitigated and the accretions to the river from no longer pumping the in-town wells are greater than the depletions from the new wellfield.

**This well was drilled to replace the water the Village of Lyman was supplying to Kurt Mfg., since Lyman is now being supplied by the regional water system. There is no change in consumptive use.

VII. IRRIGATION WELL FLOW METER DATA

The ending flow meter readings for Water Year 2012 were collected during October 2012. The preliminary Water Year 2012 ground water use for irrigation purposes in the overappropriated area (including the Pumpkin Creek Basin Ground Water Management Subarea) was 201,270 acre-feet on 171,931 certified irrigated acres for an average use of 14 acre-inches per acre. This information does not include all water use information due to situations such as failed flow meters.

VIII. RETIRED ACRES AND OTHER STREAMFLOW ACCRETION ACTIVITIES

Between January 1, 2012 and December 31, 2012, 113.9 certified irrigated acres were contracted for temporary retirement under the Agricultural Water Enhancement Program (AWEP) and 130.7 acres were contracted for permanent retirement under the AWEP and the Platte Basin Habitat and Enhancement Project (PBHEP).

IX. OTHER WATER BANKING ACTIVITIES

No water banking activities were conducted between January 1, 2012 and December 31, 2012.

X. MUNICIPAL AND INDUSTRIAL ACCOUNTING

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

City	Baseline (gallons)*	2012 Use (gallons)*	2012 Population**	2012 gallons per capita per day
Bayard	174,364,960	155,760,700	1,209	353.0
Bridgeport	237,176,000	128,738,810	1,532	230.2
Broadwater	45,670,107	7,910,200	128	169.3
Gering	891,820,400	915,592,100	8,500	295.1
Henry	46,044,508	16,755,300	162	283.4
Lyman	70,817,546	28,172,816	421	183.3
Minatare	61,311,333	51,019,000	807	173.2
Mitchell	173,323,000	171,123,000	1,748	268.2
Morrill	210,529,317	108,220,000	958	309.5
Oshkosh	125,128,333	135,339,000	884	419.4
Scottsbluff	960,551,017	931,524,600	15,039	169.7
Terrytown	147,433,847	143,721,000	2,144	183.7

*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:

Name	Location	Well Reg. #	Baseline Acres/Gallons (2001-2006)	2012 Acres/Use (gallons)
Courthouse and Jail Rock Golf Club	Sec. 29, T19N, R50W	G-096426, G-056581	35.21 acres	35.21
Riverview Golf and Country Club	Sec. 17 and 20, T22N, R55W	G-083316, G-083317	67 acres	67
Scottsbluff Country Club	Sec. 10, T22N, R55W	G-147117, G-147118, G-147119	106 acres	106
Chimney Rock Golf Course	Sec. 22, T21N, R52W	G-072722	81.25 acres	81.25
Rolling Green Golf Course	Sec. 15, T23N, R57W	G-029114	46.3 acres	46.3
Scenic Knolls Golf Course	Sec. 9 and 16, T23N, R56W	G-120401	63.3 acres	63.3
Oshkosh Country Club	Sec. 10, T16N, R44W	G-131367	33.2 acres	33.2
Western Sugar Cooperative	Sec. 30, T22N, R54W	G-074421, G-074422, G-074423, G-005567	1,125,000,000 gallons	893,736,437 gallons

We are still working with another industrial user to establish their baseline use and annual use.