Lower Platte River Basin Water Management Plan

P-MRNRD Annual Report 2024

March 3, 2025

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Confluence of the Platte and Elkhorn Rivers – March 16, 2019

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1.0 INTRODUCTION

The Papio-Missouri River Board of Directors adopted the Lower Platte River Basin Water Management Plan (LPBWMP), dated October of 2017, on December 14, 2017. As part of the Lower Platte River Basin Coalition, the six other NRDs and the Nebraska Department of Natural Resources also approved the LPBWMP and agreed to cooperatively implement the plan per Interlocal Agreement #3.

The Lower Platte River Basin Water Management Plan recommends numerical limits for allowable new water depletions during the second 5-year increment of the plan (January 1, 2022 through December 31, 2026). The allowable new depletions for the second 5-year increment were divided by subbasin and further by individual NRD as documented in Table 4.2 of the LPBWMP.

The LPBWMP calls for the annual tracking of allowable new depletions beginning July 1, 2016. The first reporting period of the Basinwide Plan first increment, according to Table 5.1, is July 1, 2016 through December 31, 2017. All subsequent reporting years are required on a calendar year basis starting in 2018. This report provides the data collected during the 2024 reporting period for the plan area within the Papio-Missouri River NRD in accordance with Table 5.2 of the LPBWMP.

2.0 2024 DATA COLLECTION

Data collected and reported on water supplies and uses within the P-MRNRD include:

- Certified Irrigated Acres
- Co-mingled Groundwater and Surface Water Uses
- Municipal and Industrial Groundwater Uses
- New Groundwater consumptive uses
- Groundwater Use Transfers
- Water supply well permits granted
- Retirement of groundwater consumptive uses
- Water use flow meter date
- Water banking activities
- Stream flow accretion activities
- Groundwater elevation data
- Stream gage measurements on NRD maintained gages
- NRD regulations/management area activities
- New water depletions
- New data collected or model/study results

2.1 CERTIFIED IRRIGATED ACRES

The P-MRNRD has not completed certification of irrigated acres within its Integrated Management Plan (IMP) or LPBWMP area, which includes all areas tributary to the Platte and Elkhorn Rivers (herein after referred to as the "plan area"). This plan area covers approximately 228,000 acres in Sarpy, Douglas and Washington counties. Since 2009, approximately 4,642 new irrigated acres which received a variance from the District under the requirements of LB 483 have been certified.

Initial reporting by landowners to certify irrigated acres within the P-MRNRD IMP area yielded an approximate 75% response rate. As of this report, the P-MRNRD has certified 26,187 irrigated acres (only 2,180 by surface water). The P-MRNRD is proposing to complete the certification of irrigated acres in 2025 coinciding with the metering of all required wells in the District.

2.2 CO-MINGLED GROUNDWATER AND SURFACE WATER USE

No data is collected on co-mingled groundwater and surface water use within the P-MRNRD.

2.3 MUNICIPAL AND INDUSTRIAL GROUNDWATER USES

The P-MRNRD has collected annual data on municipal uses within the plan area since 2016. This data is reported only for the municipal wells within our District and would not include Metropolitan Utilites District (MUD), Lincoln, or Fremont wells in adjacent NRDs or counties. Data from commercial or industrial users who have their own individual water supply well is not collected at this time.

Municipal Annual Water Use

Municipal Well Field	2017 Total Pumped (Ac-ft)	2018 Total Pumped (Ac-ft)	2019 Total Pumped (Ac-ft)	2020 Total Pumped (Ac-ft)	2021 Total Pumped (Ac-ft)	2022 Total Pumped (Ac-ft)	2023 Total Pumped (Ac-ft)	2024 Total Pumped (Ac-ft)
Papillion	4,661.1	4,482.2	4,655.4	5,807.8	5,656.3	5,883.0	6,221.8	6,333.6
Lincoln*	22,115.1	11,866.5	8,246.5	9,007.9	18,561.5	19,753.7	20,544.9	20,833.9
MUD South	27,217.2	31,104.3	36,201.0	35,701.3	30,554.0	33,271.8	43,685.5	36,028.5
MUD West*	12,225.1	10,741.7	9,861.9	12,706.1	14,042.8	13,707.0	15,021.3	15,414.9
Fremont*	4,987.4	5,395.3	5,719.6	7,262.3	7,960.5	8,694.3	8,950.9	11,214.7
Valley	469.3	506.3	537.3	740.4	713.9	862.1	932.9	916.0
Springfield	183.8	202.3	188.7	232.0	243.0	257.8	274.3	240.5
Gretna	1,267.4	1,263.5	1,279.7	1,648.0	1,635.7	1,895.1	2,123.2	2,144.9
Arlington	231.3	165.8	195.3	269.7	301.2	320.8	290.0	241.0
TOTAL	**73,357.7**	**65,727.9**	**66,885.4**	**64,667.6**	**79,668.9**	**84,645.6**	**95,791.1**	**93,368.0**

***Only includes wells in the P-MRNRD**

Lincoln and MUD's municipal uses have varied over the last few years not only due to demand, but to ongoing treatment plant maintenance and flooding issues. The net consumptive use of municipal water is not tracked or estimated at this time as return flows to the Platte River tributaries are not reported or estimated. Municipal water pumped by MUD and Papillion would be considered a total consumptive use as it ends up as return flow to the Missouri River.

2.4 NEW GROUNDWATER CONSUMPTIVE USES

The P-MRNRD only tracks groudwater consumptive uses as a result of new irrigated acres which receive a variance from the District under the prior requirements of LB 483 and our current IMP. In 2024 there were variances granted for 310.25 groundwater irrigated acres in the plan area. Of those acres, 91.5 constitute new or expanded use and 218.75 are acres that have historically been

irrigated and have just now been certified. Any depletions from new irrigated acres are reported in Section 2.14.

New groundwater consumptive uses from high capacity wells used for livestock were permitted in the uplands north of Arlington by the PMRNRD in 2018, but are not accounted for as a consumptive use at this time.

2.5 GROUNDWATER USE TRANFERS

The P-MRNRD does not review or approve groundwater use tranfers at this time. Therefore, no data is available.

2.6 WATER SUPPLY WELL PERMITS GRANTED

The P-MRNRD adopted requirements for well permits for new high capacity wells effective March 1, 2018. Five new high capacity well permits were approved in the Platte River Basin (Plan Area) in 2024. One irrigation well permit was issued a variance to expance or create new irrigated acres and one irrigation well permit was issued to supplement supply for existing irrigated acres. Three commercial well permits were issued to OPPD and to Pines Country Club Inc. The one well issued a variance that developed new irrigated areas is documented as new peak season depletions in Section 2.14. A copy of the data provided in the Excel spreadsheet is attached to this report for reference.

2.7 RETIREMENT OF GROUNDWATER CONSUMPTIVE USES

The P-MRNRD does not review or collect information on groundwater use retirements at this time. According to the NDNR Registered Well Database, there were two high capacity decommissioned in 2024 in the P-MRNRD IMP Area. Both were classified as irrigation wells. The acres associated with the wells are still being serviced by other registered irrigation wells and so the associated acres were not retired.

2.8 WATER USE FLOW METER DATA

The P-MRNRD does not require or collect data from flow meters at this time. Therefore, no data is currently available. Flow meters will be required on all active high capacity wells following March 1, 2025. Prior to that time, the NRD will collect flow meter data from wells that it provides cost-share funding to install the flow meter. The P-MRNRD will review its dataset for non-conforming wells during the summer of 2025 and contact affected landowners.

2.9 WATER BANKING ACTIVITIES

The P-MRNRD does not operate or maintain any available water banks at this time. Therefore, no data is available.

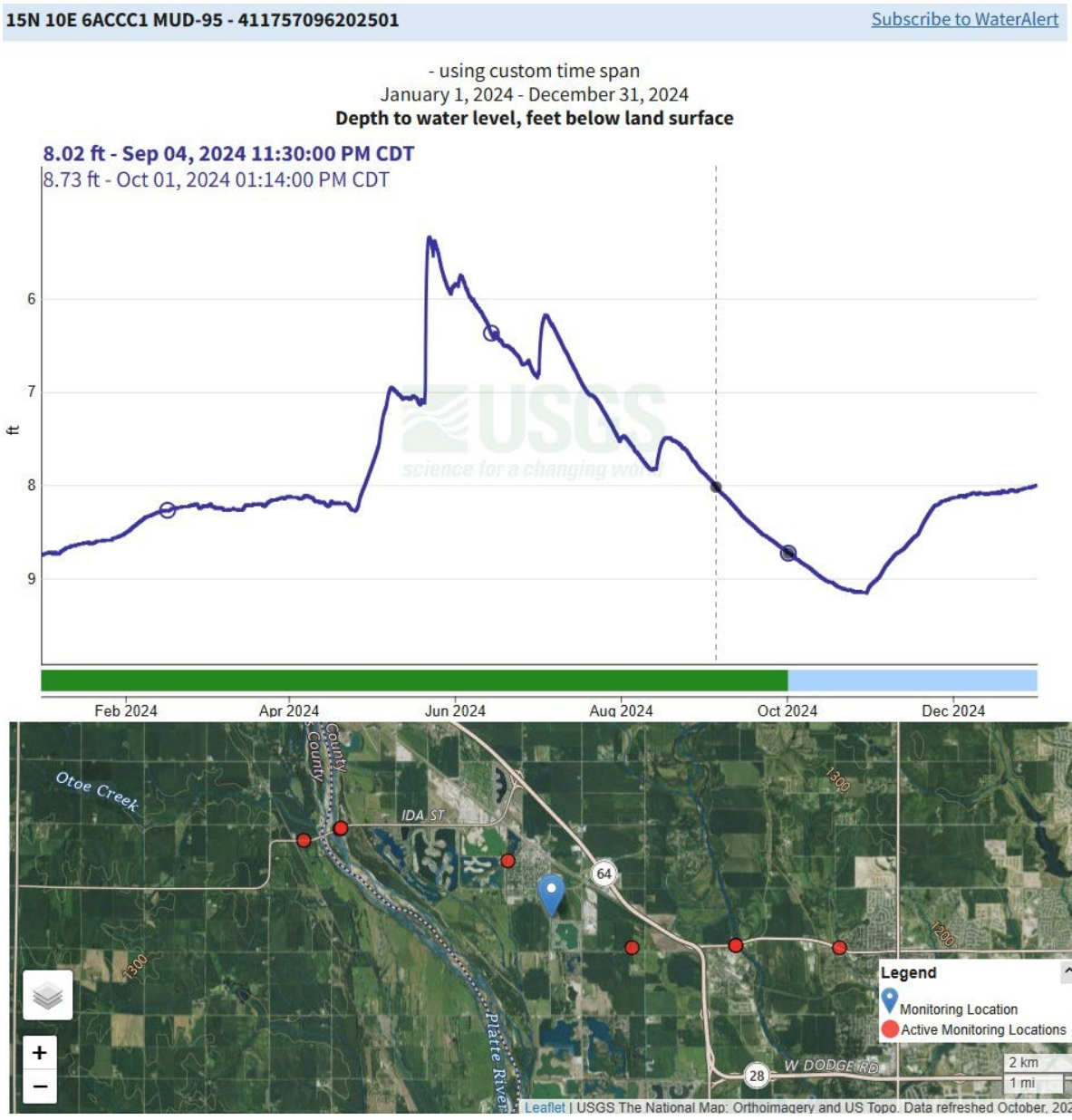
2.10 STREAMFLOW ACCRETION ACTIVITIES

There are no ongoing projects in the P-MRNRD to augment surface water flow or conjunctively manage groundwater and surface water. Ongoing studies relavaent to conjunctive management of surface and groundwater between the Platte and Elkhorn Rivers are discussed in Section 2.15.

2.11 GROUNDWATER ELEVATION DATA

Groundwater level measurements were collected at 29 locations within the plan area during the spring of 2024. Some sites have been measured since 1978. In general, groundwater levels in late April through May 2025 were 4.45 feet above to 17.48 below their period of record average. Figure 1 displays the depth above or below the running average and the percent rise or decline from the running average for each groundwater level measurement location. Figure 1 displays the absolute change in groundwater depth from the Spring of 2023 to the Spring of 2024. This groundwater level data in the IMP area has a standard deviation between 0.49 and 3.23 feet.

The USGS and PMRNRD have been able to collect continuous recording groundwater level data at 5 sites within the plan area, spread across the Platte and Elkhorn River valley between Leshara and Waterloo. Below is the annual data from one of these sites located between the two rivers.



2.12 STREAM GAGE MEASUREMENT ON NRD MAINTAINED GAGES

The P-MRNRD does not own or operate any stream gages within our IMP area that are independent of data collected by USGS or NeDNR.

2.13 NRD REGULATIONS/MANAGEMENT AREA ACTIVITIES

Major updates to the P-MRNRD's Groundwater Management Plan (GMP) and Rules and Regulations were adopted in March 2018. A Phase I Groundwater Quanity Management Area

(GMAs) was designated for the entire P-MRNRD on March 1, 2018. New rules which became effective March 1, 2018, and amended July 14, 2022, under the new Phase I GMA designation include:

- Water Supply Well Permits are required for all new high capacity wells (>50 gpm) within the NRD.
- In addition to minimum state requirements, a 600 foot well spacing will be required between any new high capacity well and any other registered water supply well.
- Flow meters will be required within the hydrologically connected area of the IMP by March 1, 2025.

2.14 NEW WATER DEPLETIONS

The P-MRNRD requires the issuance of a variance to expand irrigated acres in the hydrologically connected area of our IMP. This data is input into the accounting for estimating depletions as described on page 28 of the LPBWMP.

The P-MRNRD received and approved six variance applications to expand irrigated acres in the plan area during the reporting period and their peak season depletions are reported in Table 1. The registration of any new wells during this time period was used as check to verify that any new uses actually received a variance.

Table 1. Peak Season Depletions for High Capacity Wells in the Plan Area (2024)

Well Permit No.	Acres	NIR (in)	SDF	Peak Season Depletion	Well Status	Location
1024003	35	0.55	0.99	10.4	G-199996	41.218420, -96.289645
1022020	26.5	0.55	0.91	7.2	G-196161	41.389692, -96.350802
NA	34	0.55	0.89	9.1	G-000377	41.152398, -96.288691
1022020	30	0.55	0.92	8.3	G-196161	41.389692, -96.350802
NA	159.15	0.55	0.96	45.8	G-033217, G-015841	41.398546, -96.456275
NA	25.6	0.55	0.89	6.8	G-000377	41.149844, -96.288241

It is the P-MRNRD's understanding that increases of municipal use for municipalities with transfer permits, including MUD and Lincoln, were already accounted for before allowed depletions were calculated. Increases in use by other municipalities or industry will be researched by the Basin Coalition and accounted for after the first increment.

Not including the livestock uses, the balance of allowable new depletion for the P-MRNRD as of December 31, 2024 is shown in the table below:

Depletion Desc.	Peak Season Depletion (AF)	Balance (AF)
2016 – 2021 PMRNRD Allowabe Depletion		869
2016-17 New NRD GW Depletion	1.5	867.5
2016-17 New NDNR SW Depletion	67.3	800.2
2018 New NRD GW Depletion	0.0	800.2
2018 New NDNR SW Depletion	0.0	800.2
2019 New NRD GW Depletion	0.0	800.2
2019 New NDNR SW Depletion	10.0	790.2
2020 New NRD GW Depletion	28.5	761.8
2020 New NDNR SW Depletion	-10.3	772.1
2021 New NRD GW Depletion	4.0	768.1
2021 New NDNR SW Depletion	0.0	772.1
2022 New NRD GW Depletion	14.6	753.5
2022 New NDNR SW Depletion	0.0	753.5
2023 New NRD GW Depletion	88.5	665.0
2023 New NDNR SW Depletion	0.0	665.0
2024 New NRD GW Depletion	87.6	577.4
2024 New NDNR SW Depletion	0.0	577.4
TOTAL Depletion	**291.7**	**577.4**

2.15 NEW DATA COLLECTED OR MODEL/STUDY RESULTS

The P-MRNRD is engaged in several ongoing studies with other NRDs and agencies within the Lower Platte Basin.

One such study effort is the Lower Platte River Consortium spearheaded by the Lower Platte South NRD in partnership with Lower Platte North NRD, P-MRNRD, City of Lincoln, MUD, and NDNR. The objective of the consortium is to develop a Drought Contingency Plan for the Lower Platte River. See documentation available at: https://www.lpsnrd.org/draft-drought-plan.

Another effort is an ongoing USGS study sponsored by the P-MRNRD and Lower Platte North NRD to monitor groundwater and surface water conditions in the combined Platte and Elkhorn River Valley. A final report was issued in 2019 and is vailable through the USGS publication warehouse at: https://pubs.er.usgs.gov/publication/sir20195048.

As of 2020, Airborne Electromagnetic (AEM) survey data has been collected for the entire P-MRNRD IMP area. All AEM reports and data are available at www.enwra.org and are being electronically stored on the Nebraska GeoCloud.

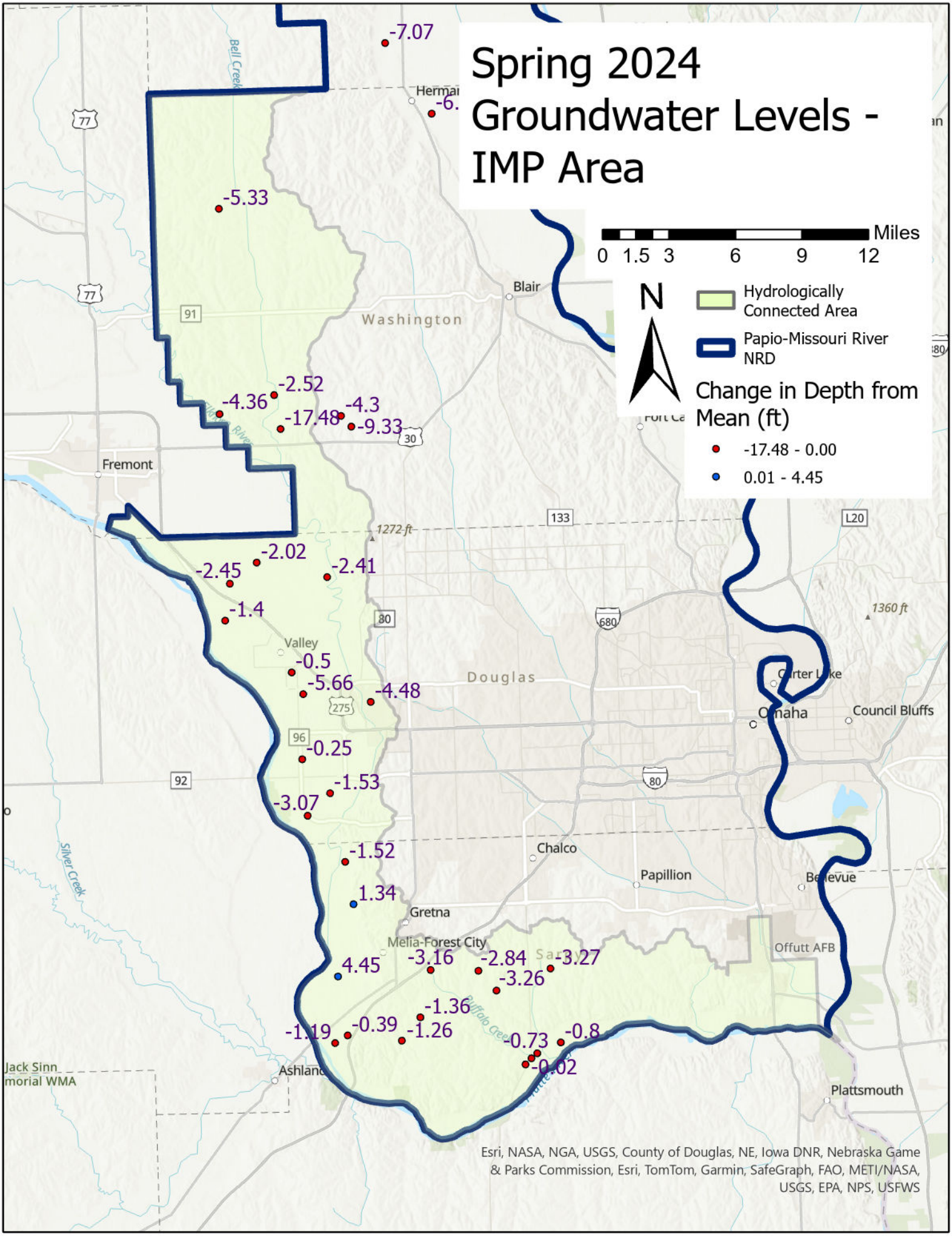
3.0 REVISIONS TO THE PLAN

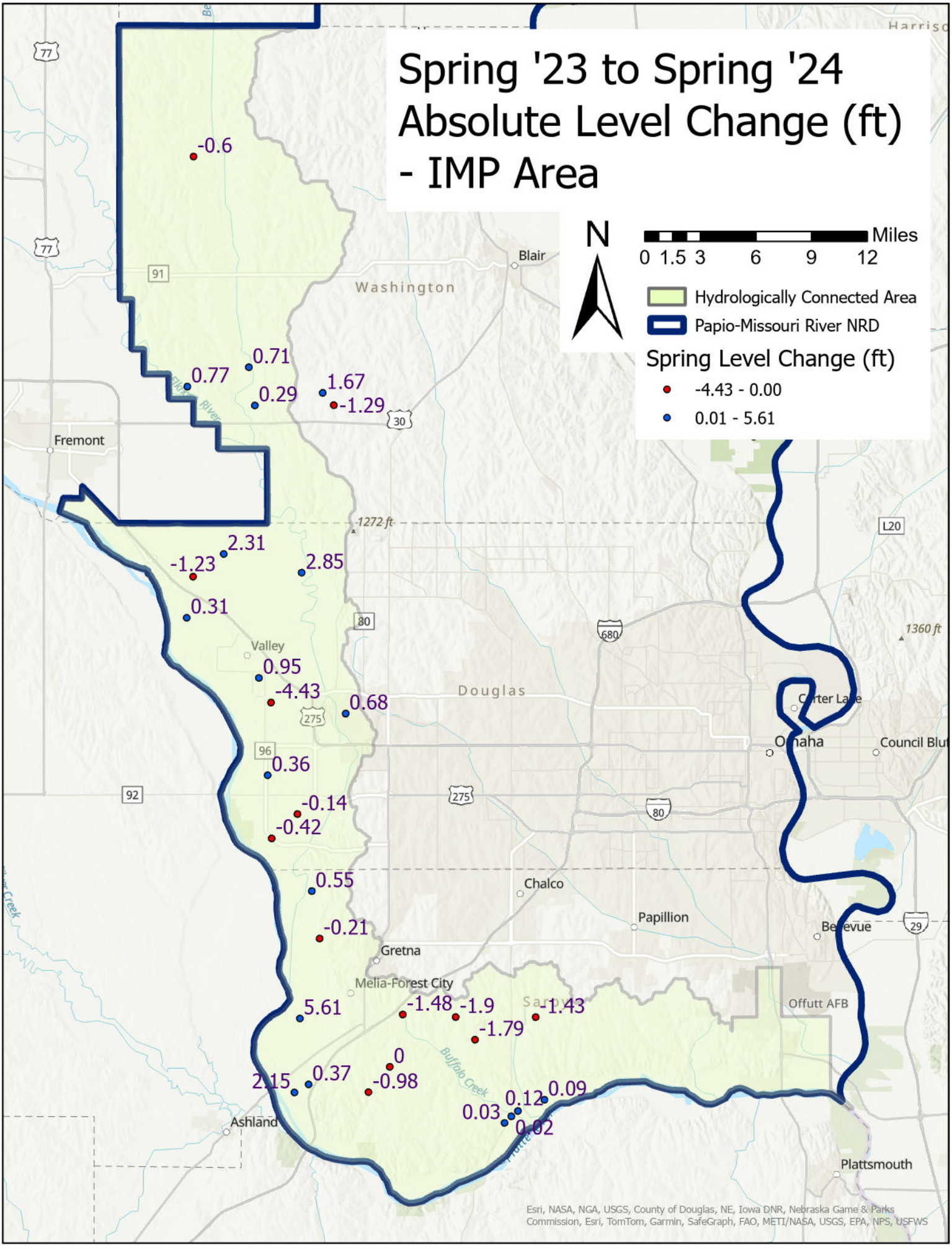
There are no anticipated revisions to the plan at this time. The P-MRNRD will need to document and prepare revisions to its Integrated Management Plan with NDNR in order to incorporate the allowable depletion values per the LPBWMP.

4.0 COALITION BUDGET AND MEMBER CONTRIBUTIONS

The P-MRNRD has $10,000 budgeted for support of the coalition this fiscal year (before July 1, 2024)

FIGURES and APPENDICES


Spring 2024 Groundwater Levels - IMP Area
Miles
0 1.5 3 6 9 12
N
Hydrologically Connected Area
Papio-Missouri River NRD
Change in Depth from Mean (ft)
-17.48 - 0.00
0.01 - 4.45
-7.07
-5.33
-2.52
-4.36
-4.3
-17.48
-9.33
-2.02
-2.45
-2.41
-1.4
-0.5
-5.66
-4.48
-0.25
-1.53
-3.07
-1.52
1.34
4.45
-3.16
-2.84
-3.27
-3.26
-1.36
-1.19
-0.39
-1.26
-0.73
-0.8
-0.02
Blair
Washington
Fremont
Douglas
Valley
Omaha
Council Bluffs
Carter Lake
Chalco
Papillion
Bellevue
Gretna
Melia-Forest City
Offutt AFB
Ashland
Plattsmouth
Jack Sinn Memorial WMA
Silver Creek
1272 ft
1360 ft
Esri, NASA, NGA, USGS, County of Douglas, NE, Iowa DNR, Nebraska Game & Parks Commission, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS


Spring '23 to Spring '24
Absolute Level Change (ft)
- IMP Area
N
0 1.5 3 6 9 12
Miles
Hydrologically Connected Area
Papio-Missouri River NRD
Spring Level Change (ft)
-4.43 - 0.00
0.01 - 5.61
-0.6
0.71
0.77
0.29
1.67
-1.29
2.31
-1.23
2.85
0.31
0.95
-4.43
0.68
0.36
-0.14
-0.42
0.55
-0.21
5.61
-1.48
-1.9
-1.43
-1.79
0
2.15
0.37
-0.98
0.12
0.09
0.03
0.02
Blair
Washington
Fremont
Valley
Douglas
Omaha
Council Bluffs
Chalco
Papillion
Bellevue
Gretna
Melia-Forest City
Offutt AFB
Ashland
Plattsmouth
1272 ft
1360 ft
Esri, NASA, NGA, USGS, County of Douglas, NE, Iowa DNR, Nebraska Game & Parks Commission, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

NRD (abbreviation)	NRD Transaction ID	Part	Change Type	County	X UTM Zone 14	Y UTM Zone 14	Latitude	Longitude	Township	Range	Range Direction	Section	SubSection	HUC8	HUC12	Change Date	Area (acres)	DNR Well Registrations	DNR Surface Water Appropriation ID	Ratio Surface Water	Irrigation Method	Use of Irrigated Acres	SDF	NIR feet	Notes
PMR	V-0052	1	New	Douglas			41.220675	-96.332275	15	10	E	31	SESE	10220003	102200031006	2/16/2017	11.00	G-184028			Center Pivot		0.85	0.54	
PMR	V-0054	1	New	Douglas			41.27	-96.30611	15	10	E	16	SW	10220003	102200031006	12/7/2020	110.00	G-191975			Center Pivot		0.83	0.55	
PMR	V-0055	1	New	Douglas			41.27583	-96.31389	15	10	E	17	NENE	10220003	102200031006	12/7/2020	35.00	G-191974			Center Pivot		0.78	0.55	
PMR	V-0057	1	New	Sarpy			41.10366	-96.28872	13	10	E	10	SW	10200202	102002020202	12/31/2020	60.00	NA			Center Pivot		0.89	0.55	
PMR	V-0058	1	New	Douglas			41.322956	-96.3943169	16	9	E	27	SWSE	10200202	102002020104	6/25/2021	26.00	G-193079			Center Pivot		0.93	0.55	
PMR	V-0059	1	New	Douglas			41.270078	-96.3063666	15	10	E	16	NWSW	10220003	102200031005	1/31/2022	32.00	G-191975			Center Pivot		0.83	0.55	
PMR	V-0060	1	New	Douglas			41.338986	-96.344525	16	10	E	19	NWSW	10220003	102200031006	2/10/2022	70.80	G-007844			Center Pivot		0.88	0.55	
PMR	V-0061	1	New	Washington			41.404167	-96.3208333	17	10	E	32	NENW	10220003	102200031004	4/29/2022	60.00	NA			Center Pivot		0.94	0.55	
PMR	V-0062	1	New	Douglas			41.353149	-96.282991	16	10	E	15	SESW	10220003	102200031005	3/29/2023	121.75	NA			Center Pivot		0.85	0.55	
PMR	V-0063	1	New	Washington			41.609196	-96.334588	19	10	E	19	NWNE	10220003	102200030904	4/3/2023	140.00	NA			Center Pivot		0.39	0.55	
PMR	V-0064	1	New	Douglas			41.192586	-96.315992	14	10	E	8	SWSE	10200202	102002020105	9/11/2023	64.42	G-196180			Center Pivot		0.99	0.55	Variance 1 of permitted well not in 2022 Report
PMR	V-0065	1	New	Douglas			41.294694	-96.296139	15	10	E	4	SESE	10220003	102200031006	9/14/2023	12.20	G-015600			Well to fill Pond		0.99	0.55	Variance 2 of permitted well not in 2022 Report
PMR	V-0066	1	New	Douglas			41.358908	-96.3751922	16	9	E	14	NWNE	10220003	102200031006	9/22/2023	25.20	G-090366			Center Pivot		0.94	0.55	Certification of already irrigated acres not in inventory
PMR	V-0067	1	New	Douglas			41.353844	-96.3900866	15	9	E	15	NESE	10200202	102002020104	9/22/2023	7.20	G-015658			Gated Pipe		0.95	0.55	Certification of already irrigated acres not in inventory
PMR	V-0068	1	New	Douglas			41.351199	-96.332506	16	10	E	18	SESE	10220003	102200031006	10/16/2023	31.86	NA			Center Pivot		0.96	0.55	
PMR	V-0069	1	New	Douglas			41.21842	-96.289645	14	10	E	3	NWNW	10220003	102200031006	2/26/2024	35.00	G-199996			Center Pivot		0.99	0.55	
PMR	V-0070	1	New	Douglas			41.389692	-96.3508028	16	9	E	1	NENE	10220003	102200031005	2/29/2024	26.50	G-196161			Gated Pipe		0.91	0.55	
PMR	V-0071	1	New	Douglas			41.152398	-96.2886912	14	10	E	27	SWSW	10200202	102002020202	4/1/2024	34.00	G-000377			Gated Pipe		0.89	0.55	
PMR	V-0072	1	New	Douglas			41.389692	-96.3508028	16	9	E	1	NWNE	10220003	102200031005	7/10/2024	30.00	G-196161			Gated Pipe		0.92	0.55	
PMR	V-0073	1	New	Douglas			41.398546	-96.4562752	17	9	E	31		10220003	102200031005	11/14/2024	159.15	G-033217, G-015841			Center Pivot		0.96	0.55	
PMR	V-0074	1	New	Douglas			41.149844	-96.2882416	14	10	E	27	NWSW	10200202	102002020202	12/10/2024	25.60	G-000377			Gated Pipe		0.89	0.55	

NRD (abbreviation)	NRD Permit ID	DNR Well Registration	DNR Well ID	County	X UTM Zone 14	Y UTM Zone 14	Latitude	Longitude	Township	Range	Range Direction	Section	SubSection	HUC8	HUC12	Use	Approval Date	Install Date	Status	Flow Meter ID	Flow Meter Install Date	Pump Capacity (gpm)	Replacement Well	Notes
PMR	2016_1	G-180920	245475	Sarpy			41.10488889	-96.30227778	13	10	E	9	SESW	10200202	102002020202	C	9/14/2016	9/14/2016	A			1800	No	Lyman-Richey Commercial/Industrial
PMR	2016_2	G-189021	245476	Sarpy			41.10579444	-96.30468056	13	10	E	9	SESW	10200202	102002020202	C	9/16/2016	9/16/2016	A			1800	No	Lyman-Richey Commercial/Industrial
PMR	2016_3	G-181167	245902	Sarpy			41.02886111	-96.27327778	12	10	E	11	NWNW	10200202	102002020203	C	10/19/2016	10/19/2016	A			322	No	Cloisters on the Platte Commercial/Industrial
PMR	2016_4	G-182491	248288	Sarpy			41.10592222	-96.15974444	13	11	E	10	SESE	10200202	102002020206	C	10/28/2016	10/28/2016	A			100	No	Hughes Tree Service Commercial/Industrial
PMR	2017_1	G-184028	250836	Douglas			41.220675	-96.332275	15	10	E	31	SESE	10220003	102200031006	I	3/7/2017	3/7/2017	A			260	No	Variance V-0052
PMR	2017_2	G-182516	248316	Dodge			41.40638889	-96.48722222	17	8	E	35	NENE	10200202	102002020103	C	4/17/2017	4/17/2017	A			700	No	NEBCO Commercial/Industrial
PMR	2017_3	G-184854	252279	Douglas			41.24883889	-96.29699167	15	10	E	21	SWSE	10220003	102200031006	C	10/2/2017	10/2/2017	A			120	No	West Shores Commercial/Industrial
PMR	2018_1	G-184660	251914	Sarpy			41.17166667	-96.30138889	14	10	E	21	SWNE	10220003	102200031006	O	3/1/2018	3/1/2018	A			125	No	Registered Use is Other
PMR	1018005	G-191421	264536	Washington			41.6064	-96.3862	19	9	E	23	SW	10220003	102200030905	S	4/26/2018		I			80	No	Ruwe Livestock Barns
PMR	1018008	G-191397	264497	Washington			41.5048	-96.4108	18	9	E	28	SWNE	10220003	102200030906	S	6/11/2018	6/11/2018	A			80	No	Soll Livestock Barns
PMR	1018009	G-075361	252697	Douglas	723402.01670	4566214.90627	41.2165	-96.33506	14	10	E	6	NWNE	10200202	102002020105	P	6/12/2018	3/15/2018	A			3100	Yes	MUD West Well Field Replacement Well
PMR	1018011	G-186281	254511	Sarpy	725780.35866	4548494.57894	41.05611111	-96.31305556	13	10	E	32	SENE	10200202	102002020202	O	8/30/2018	10/19/2018	A			375	No	Use is Recreation to fill duck hunting pond
PMR	1019003	G-190153	262576	Douglas			41.3811	-96.3841	16	9	E	2	SW	10220003	102200031006	C	2/4/2019	7/13/2020	A			75	No	Quasar Drive-In Commercial/Industrial
PMR	1019009	G-073758	258669	Douglas			41.31942222	-96.29190556	16	10	E	34	NWNW	10220003	102200031006	I	9/24/2019	10/5/2019	A			500	Yes	Replaced G-073758
PMR	1020002	G-054569	262257	Douglas			41.27297	-96.25911	15	10	E	14	NW	10220003	102200031006	I	4/15/2020	4/30/2020	A			1000	Yes	Replaced G-054569
PMR	1020003	G-038435	262253	Douglas			41.346283	-96.33553	16	10	E	19	NW	10220003	102200031006	I	6/3/2020	5/5/2020	A			550	Yes	Replaced G-038435
PMR	1020006			Sarpy			41.10366	-96.28874	13	10	E	10	SW	10200202	102002020202	I	7/31/2020		I			700	No	Variance V-0057
PMR	1020008	G-190863	263602	Douglas			41.1943	-96.3155	14	10	E	8	SW	10220003	102200031006	I	9/8/2020	9/9/2020	A				No	Added well, but area was already irrigated
PMR	1020009	G-191972	265587	Douglas			41.3388	-96.2898	16	10	E	22	SW	10220003	102200031005	I	11/12/2020	12/1/2020	I			200	No	Added well to prevent suging, but area was already irrigated
PMR	1020010	G-062103	263949	Douglas			41.28173	-96.2676	15	10	E	11	SW	10220003	102200031006	I	12/1/2020	12/7/2020	A			1000	Yes	Well moved due to RR track expansion
PMR	1020011	G-191974	265361	Douglas			41.27583	-96.31389	15	10	E	17	NENE	10220003	102200031006	I	12/7/2020	2/2/2021	A			600	No	V-0055
PMR	1020012	G-191975	265363	Douglas			41.27	-96.30611	15	10	E	16	SW	10220003	102200031006	I	12/7/2020	2/1/2021	A			900	No	V-0054
PMR	1021001	G-192383	266109	Douglas			41.353119	-96.409931	16	9	E	16	SESE	10200202	102002020104	O	1/22/2021	7/12/2021	I				No	Use is Recreation to fill duck hunting pond
PMR	1021006	G-191830	265301	Sarpy			41.172881	-96.274359	14	10	E	22	NENE	10220003	102200031006	I	4/21/2021	4/27/2021	A			750	No	Lost Rail Golf Course irrigation
PMR	1021007	G-191831	265302	Sarpy			41.173001	-96.277199	14	10	E	22	NENE	10220003	102200031006	I	4/21/2021	4/29/2021	A			750	No	Lost Rail Golf Course irrigation
PMR	1021010	G-193079	267274	Douglas			41.323056	-96.394167	16	9	E	27	SWSE	10200202	102002020104	I	6/25/2021	8/4/2021	I			600	No	V-0058
PMR	1021012	G-066822	268769	Washington			41.61445	-96.3862	19	9	E	14	NWSW	10220003	102200030906	I	7/23/2021	7/23/2021	A			300	Yes	Replaced G-066822, WellID 74850
PMR	1022004	G-196744	272730	Douglas			41.253889	-96.288333	15	10	E	22	NWSW	10220003	102200031006	I	2/27/2023	6/10/2022	A				No	
PMR	1022006	G-007844	269452	Douglas			41.338986	-96.344525	16	10	E	19	NWSW	10220003	102200031006	I	2/10/2022	3/31/2022	S			800	Yes	Replaced G-007844, WellID 12268
PMR	1022012	G-197358	270948	Washington			41.404167	-96.320556	17	10	E	32	NENW	10220003	102200031004	I	4/28/2022	6/6/2023	A			500	No	
PMR	1022015	G-196468	270952	Sarpy			41.095881	-96.168221	13	11	E	15	NESW	10200202	102002020206	D	7/14/2022	1/20/2023	A			40	No	
PMR	1022018	G-196152	270949	Douglas			41.378625	-96.413336	16	9	E	9	NWNE	10220003	102200031006	A	9/7/2022	10/24/2022	A			1000	No	
PMR	1022020	G-196161	271136	Douglas			41.389692	-96.350803	16	9	E	1	NENE	10220003	102200031005	I	10/19/2022	10/19/2022	A			700	No	
PMR	1022021	G-196180	271989	Douglas			41.192586	-96.315992	14	10	E	8	SWSE	10200202	102002020105	I	11/20/2022	12/5/2022	A			800	No	V-0064
PMR	1022022	G-015600	271943	Douglas			41.294694	-96.296139	15	10	E	4	SESE	10220003	102200031006	I	10/21/2022	11/2/2022	A			600	Yes	Replaced G-015600, WellID 21241, V-0065
PMR	1023005	G-200522	272808	Washington			41.5893	-96.3627	19	9	E	25	SWNW	10220003	102200030906	I	2/16/2023	6/27/2024	A			300	No	
PMR	1023009	G-197963	274542	Sarpy			41.028658	-96.273431	12	10	E	11	NWW	10200202	102002020203	I	3/9/2023	8/18/2023	A			500	No	
PMR	1023013	G-028170	273053	Washington			41.484503	-96.343381	18	10	E	31	NWSW	10200202	102002020203	I	3/21/2023	3/24/2023	S			800	Yes	WellID 34886
PMR	1023016	G-143769	273745	Douglas			41.353583	-96.359131	16	9	E	13	NESW	10220003	102200031006	I	6/1/2023	7/18/2023	A			800	Yes	G-143769, WellID 182955
PMR	1023021	G-199398	274227	Douglas			41.2771	-96.3409	15	10	E	18	NENW	10220003	102200031006	D	7/14/2023	11/24/2023	A			85	No	
PMR	1023022	G-050712	274226	Douglas			41.355356	-96.329583	16	10	E	17	NWSW	10220003	102200031006	I	7/11/2023	7/18/2023	A			1000	Yes	G-050712, WellID 58231
PMR	1023023	G-199413	274228	Douglas			41.2772	-96.3412	15	10	E	18	NENW	10220003	102200031006	D	7/14/2023	11/29/2023	A			85	No	
PMR	1023025	G-199465	274851	Douglas			41.3517	-96.3332	16	10	E	18	SESE	10220003	102200031006	I	9/12/2023	11/6/2023	A			600	No	
PMR	1023028	G-199277	275225	Washington			41.3941	-96.3048	17	10	E	33	SESW	10220003	102200031004	O	10/13/2023	11/13/2023	A			225	No	
PMR	1024003	G-199996	277644	Douglas			41.2169	-96.2898	14	10	E	3	NWNW	10220003	102200031006	I	2/21/2024	4/18/2024	A			700	No	
PMR	1024006	G-200577	277880	Douglas			41.277372	-96.263728	15	10	E	14	NENW	10220003	102200031006	I	3/13/2024	4/19/2024	A			500	No	