DEPARTMENT of AGRICULTURE and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

RECOMMENDATION OF ACTING CHIEF ENGINEER FOR WATER PERMIT APPLICATION NO. 8994-3, Bixler Farms

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Acting Chief Engineer, Water Rights Program, Department of Agriculture and Natural Resources concerning Water Permit Application No. 8994-3, Bixler Farms, 39477 184th Street, Hitchcock SD 57348.

The Acting Chief Engineer is recommending APPROVAL of Application No. 8994-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing domestic water uses and water rights, 3) the proposed use is a beneficial use and 4) it is in the public interest as it pertains to matters of public interest within the regulatory authority of the Water Management Board with the following qualifications:

1. The well approved under Water Permit No. 8994-3 is located near domestic wells and other wells which may obtain water from the same aquifer. The well owner, under this Permit must control withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

2. The proposed well authorized by Permit No. 8994-3 must be constructed by a licensed well driller and construction of the well and installation of the pump must comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.

3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Adam Mathiowetz, PE
Acting Chief Engineer
April 15, 2026

Report to the Chief Engineer on
Water Permit App. Nos. 8993-3, 8994-3, and 8995-3
Bixler Farms
2026 March 24

In October of 2013, the Water Management Board declared the Tulare: Western Spink-Hitchcock aquifer was fully appropriated. The 27 applications that were placed on hold following legislation are scheduled before the Water Management Board meeting for May of 2026. There are also 24 new applications for the aquifer in review pursuant to State rule and State law for new water permit applications. Figure 1 below is a map of the new applications in this report and nearby water rights [1], and Water Rights Program observation wells [2]. Table 3 in the Appendix provides details of the water right permits and applications in Figure 1 [1].

Water Permit Application No. 8993-3 proposes to appropriate 0.45 cubic feet of water per second (cfs) from two existing wells authorized by Water Right No. 4134A-3 and irrigate an additional 12 acres located in the SE ¼, E ½ SW ¼ Section 25-T115N-R63W. Water Right No. 4134A-3 authorizes diversion of 1.33 cfs from two wells completed into the Tulare: Western Spink-Hitchcock aquifer located in the SW ¼ SE ¼, NW ¼ SE ¼ Section 25 for irrigation of 128 acres located in the E ½ SW ¼, SE ¼ Section 25; all in T115N-R63W. This application, if approved, and Water Right No. 4134A-3 combined, would authorize a combined total of 1.78 cfs for irrigation of 140 acres. This site is located in Spink County approximately seven and one-half miles northeast of Hitchcock, South Dakota.

Water Permit Application No. 8994-3 proposes to appropriate 1.78 cfs from one well to be completed into the Tulare: Western Spink-Hitchcock aquifer located in the approximate center of the SE ¼ Section 18 for irrigation of 160 acres located in the SE ¼ Section 18; all in T114N-R62W. This site is located in Spink County approximately five miles north of Hitchcock, South Dakota.

Water Permit Application No. 8995-3 proposes to appropriate an additional 1.78 cfs from one well to be completed into the Tulare: Western Spink-Hitchcock aquifer located in the approximate center of the SW ¼ Section 31-T114N-R62W to irrigate acres already authorized by Water Right No. 5182-3. Water Right No. 5182-3 authorizes the diversion of 1.88 cfs from one well completed into the Tulare: Western Spink-Hitchcock aquifer in the approximate center of the NW ¼ Section 31 for irrigation of 279 acres in the NW ¼, W ½ NE ¼, and SW ¼ Section 31; all in T114N-R62W. This application, if approved, and Water Right No. 5182-3 combined, would authorize a combined total of 3.66 cfs from two wells for irrigation of a total of 279 acres. This site is located in Spink County approximately three and one-half miles northeast of Hitchcock, South Dakota.

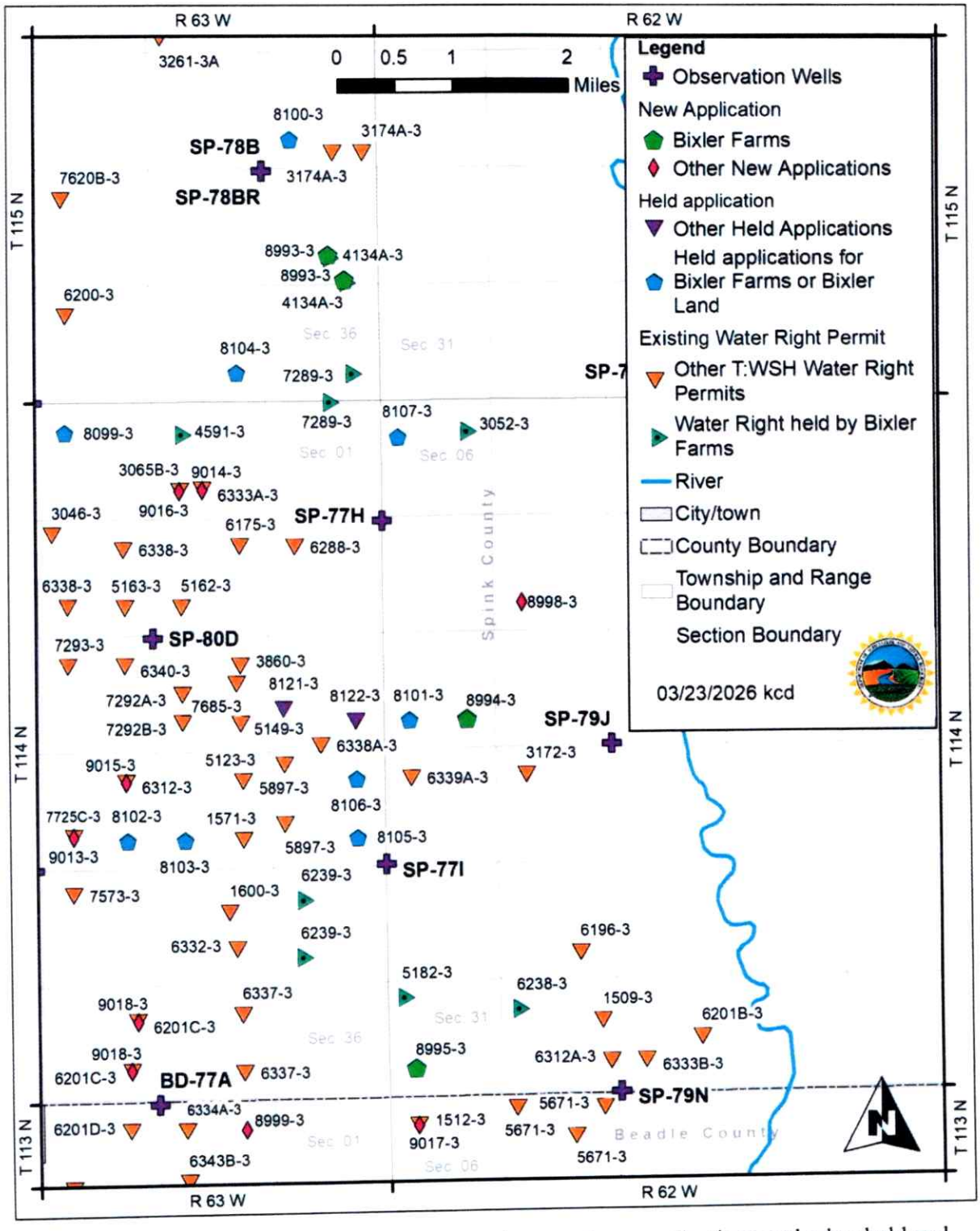

Figure 1: Observation wells and water right permits near these applications and other held and new applications. [1] [2]

Aquifer: Tulare: Western Spink-Hitchcock

Hydrogeologic Characteristics

The Tulare aquifer is a Quaternary-aged system of sand and gravel layers that were deposited as outwash by meltwater from receding glaciers. The Western Spink-Hitchcock management unit of the Tulare aquifer is a buried aquifer generally lying immediately above the bedrock (a.k.a. basal) [3] [4]. The bedrock is composed of an erosional surface of exposed Cretaceous-aged Pierre Shale and Niobrara Formation, with the lowest erosional surface possibly incising into the Carlile Shale, which contains the Codell Sandstone member [5]. The Niobrara Formation and Codell Sandstone can also be aquifers in portions of South Dakota [2] [1]. The Tulare: Western Spink-Hitchcock aquifer underlies approximately 260,000 acres of Hand, Spink, and Beadle Counties [6] [7]. The Tulare aquifer has an average thickness of 37 feet [8]. Assuming a porosity of 0.15 [9], the estimated recoverable water in storage in the Tulare: Western Spink-Hitchcock aquifer is approximately 1.4 million acre-feet. The Tulare: Western Spink-Hitchcock aquifer is hydrologically connected to several Quaternary and Cretaceous aged aquifers in physical contact with it. Buhler [10] estimated that approximately 77,000 acres of the Tulare: Western Spink-Hitchcock aquifer were under unconfined conditions in October 2012, and showed that at the time, a majority of the aquifer was under confined conditions. The area of the aquifer under confined conditions fluctuates with the amount of water in the aquifer. Since water is essentially incompressible, when the aquifer has more water in storage, more area becomes confined and vice-versa for when there is less water in the aquifer.

The applicant did not submit any well completion reports with these applications, but sufficient information is available to complete the technical analysis for this report. There are two well completion reports on file for three wells for Water Right No. 4134A-3 [4]. One was completed on January 20, 2014, one in July of 2014, and one in December of 2014. The July and December wells are indicated on the same well completion report. The geology reported for all three wells is identical. The driller reported encountering sand from 10 feet below grade to the total depth of 45 feet, with a static water level 18 feet below grade at the time the wells were complete. There is a SD Geological Survey Program Lithologic Log in the SW ¼ SW ¼ Section 17-T114N-R62W which was drilled on October 27, 1949, by the US Bureau of Reclamation (USBR). The geologist indicated encountering sand from 7 feet below grade to the total depth of 28 feet [3]. This lithologic log is approximately a half mile southeast of the proposed well for App. No. 8994-3. The geologist reported encountering water at 25 feet below grade at the time the hole was drilled. There is a domestic well completion report for a well completed in the SW ¼ SW ¼ Section 31-T114N-R62W on April 18, 1985 [4]. The driller reported encountering sand from 15 feet below grade to the total depth of 80 feet, and a static water level of 18 feet below grade at the time the well was completed. The depths of water and formations encountered are typical for the Tulare: Western Spink-Hitchcock aquifer in this area. Based on this information and Observation Well data, the aquifer fluctuates between unconfined and confined near these applications [2].

Applicable South Dakota Codified Law (SDCL)

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued if there is reasonable probability that there is unappropriated water available for the applicant's proposed use, that the

proposed diversion can be developed without unlawful impairment of existing domestic water uses and water rights, and that the proposed use is a beneficial use and in the public interest as it pertains to matters of public interest within the regulatory authority of the Water Management Board. This report will only assess the availability of water and possibility of developing this application without unlawful impairment of existing domestic water uses and water rights.

Pursuant to SDCL 46-6-3.1, no application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable that the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of the water to the groundwater source. An exception allows water distribution systems to withdraw from groundwater sources older or stratigraphically lower than the Greenhorn Formation regardless of the results of a hydrologic budget. The applicant is not a water distribution system as defined in SDCL 46-1-6(17) and the Tulare: Western Spink-Hitchcock aquifer is younger and stratigraphically higher than the Greenhorn Formation [11]. Therefore, the Water Management Board must find that recharge to the aquifer exceeds withdrawals to approve this application.

Availability of Water

Hydrologic Budget

The current hydrologic budget of the Tulare: Western Spink-Hitchcock aquifer was presented before the Water Management Board in December of 2025 [12] and is summarized below. The estimated average annual recharge to the aquifer is approximately 0.83 inches per acre [13], which equates to 18,000 ac-ft/yr over the currently estimated extent of the aquifer. Withdrawals from the aquifer are mainly for irrigation use by appropriative users. By taking the sum of the average irrigation reported for each permit, Drennon [12] estimated the average annual withdrawal from the aquifer was between 12,000 and 13,000 ac-ft/yr depending on the range of data used. Irrigators have been applying fewer inches per acre as time goes on but irrigating a higher proportion of their permitted acreage in any given year. The estimated average annual withdrawal from irrigation was approximately 12,000 ac-ft/yr for the period of record of 2015 through 2024, which is the last ten years of reports. Based on this hydrologic budget, there is approximately 6,000 ac-ft/yr of unappropriated water available. At the meeting, members of the Water Management Board expressed discomfort at approving the entire 6,000 acre-feet of unappropriated water but did not issue an order specifying an exact amount to which they would limit withdrawals.

There are 27 water permit applications that were held in 2015 following procedure established by the Legislature in 2014, which are being processed and scheduled for the May Board meeting at the time of report writing. Those 27 applications have senior priority to the applications in this report. For the last ten years of record, the average irrigation per reported acre was 6.63 inches per year and permit holders irrigated 79% of their permitted acres [12]. For the period of record of 1979 through 2024, the average irrigation per reported acre was 8.89 inches per year and permit holders irrigated on average 65% of their permitted acres [12]. The total estimated withdrawal of the 27 held applications if approved is likely to range between approximately 2,300 and 2,500 ac-ft/yr. Table 1 summarizes the held applications and estimated withdrawal

based on past irrigation reports. The held water permit application for Martin Anderson (App. No. 8120-3) may not be developed because the applicant indicated intent to irrigate from the same aquifer at a different location [14]. This action would not change the hydrologic budget but would make Mr. Anderson's new application junior to the applications in this report. At the time of writing, there are 24 new applications requesting water from the Tulare: Western Spink-Hitchcock aquifer. Appendix Table 4 (page 13) lists the new permit applications in order of priority date and other details pertaining to those applications. Table 2 summarizes the estimated withdrawals for the new applications, which are also all for irrigation.

Table 1: Estimated withdrawals for the 27 held applications. Several applicants hold multiple applications [12].

Applicant with Held Permit(s)	Total Requested CFS	Total Requested Acres	Est. Withdrawal (ac-ft/yr)	
			6.63 in/yr @ 79% acreage utilization	8.89 in/yr @ 65% acreage utilization
Allen and Jeffrey Gatzke	2.67	110	48	53
Bixler Farms or Bixler Land	16.02	1,450	633	698
Hamilton Family LLC	2.00	145	63	70
Jeff Hamilton	4.00	290	127	140
Ken and Jodi Hofer	4.33	310	135	149
Loren or Cynthia Marzahn	2.22	160	70	77
Martin Anderson*	1.86	132	58	64
Riverside Hutterian Brethren	7.70	384	168	185
Scott Hamilton	4.00	435	190	209
Van Buskirk Farms, LLP	25.65	1,798	785	866
Total	**70.45**	**5,214**	**2,276**	**2,511**

* At the request of the applicant, the Chief Engineer is recommending denial. The applicant intends to submit a new water permit application requesting the same amount of water at a different location.

Table 2: Estimated withdrawals for new applications since December 2025 Water Management Board meeting

Applicant for New Permit(s)	Total Requested CFS	Total Requested Acres	Est. Withdrawal (ac-ft/yr)	
			6.63 in/yr @ 79% acreage utilization	8.89 in/yr @ 65% acreage utilization
Bixler Farms	4.01	172	75	83
Matthew Van Buskirk	12.46	952	416	458
Wayne or Scott Binger	4.00	260	113	125
Terry McClain	2.00	180	79	87
Timoty Masat	1.78	204	89	98
Craig Brock	1.78	155	68	75
Lenny D Peterson	3.56	440	192	212
Brian Gilbert	3.57	300	131	144
Jon Gilbert	1.78	280	122	135
Danny Peterson	0.00	209	91	101
Total	**34.94**	**3,152**	**1,376**	**1,518**

The applications in this report have senior priority to all the other new applications requesting water from the Tulare: Western Spink-Hitchcock aquifer. They are estimated to withdraw between 75 and 83 ac-ft/yr on average, although the lower value is more likely as it is based on only the last 10 years of irrigation withdrawals rather than the entire period of record when irrigation practices and precipitation conditions were different. Therefore, based on the hydrologic budget, there is reasonable probability there is unappropriated water available for these applications.

Observation Wells

Administrative Rule of South Dakota (ARSD) 74:02:05:07 requires the Water Management Board to rely upon the record of observation well analysis in addition to other information to ensure that recharge to the aquifer exceeds withdrawals. The Water Rights Program maintains 55 observation wells completed into the Tulare: Western Spink-Hitchcock aquifer. The nearest observation wells to App. No. 8993-3 are SP-78B and SP-78BR, located approximately 1 mile northwest of the wells for that application. The nearest observation well to the proposed well for App. No. 8994-3 is SP-79J, which is approximately 1.3 miles east of that application. The nearest observation wells to App. No. 8995-3 are SP-77I and SP-79N, located approximately 1.8 miles north and east of the proposed well, respectively [2]. The location of these observation wells is mapped in Figure 1 (page 2). The water-level fluctuations in those wells are representative of the general behavior of the aquifer. Figure 2 shows the water level elevations in those wells.

In general, water levels rise during periods of higher-than-average precipitation and decline during periods of lower-than-average precipitation [15]. There is a slight trend of springtime water levels increasing with time, which is consistent with the increased precipitation over time in the area [2] [15]. There are also seasonal declines during the irrigation season. The tendency of the water levels in the aquifer to be primarily influenced by climate and precipitation rather than well withdrawals indicates that natural discharge is occurring, which the Water Management Board considers available for capture. Therefore, based on the record of observation wells, there is reasonable probability that unappropriated water is available for these applications.

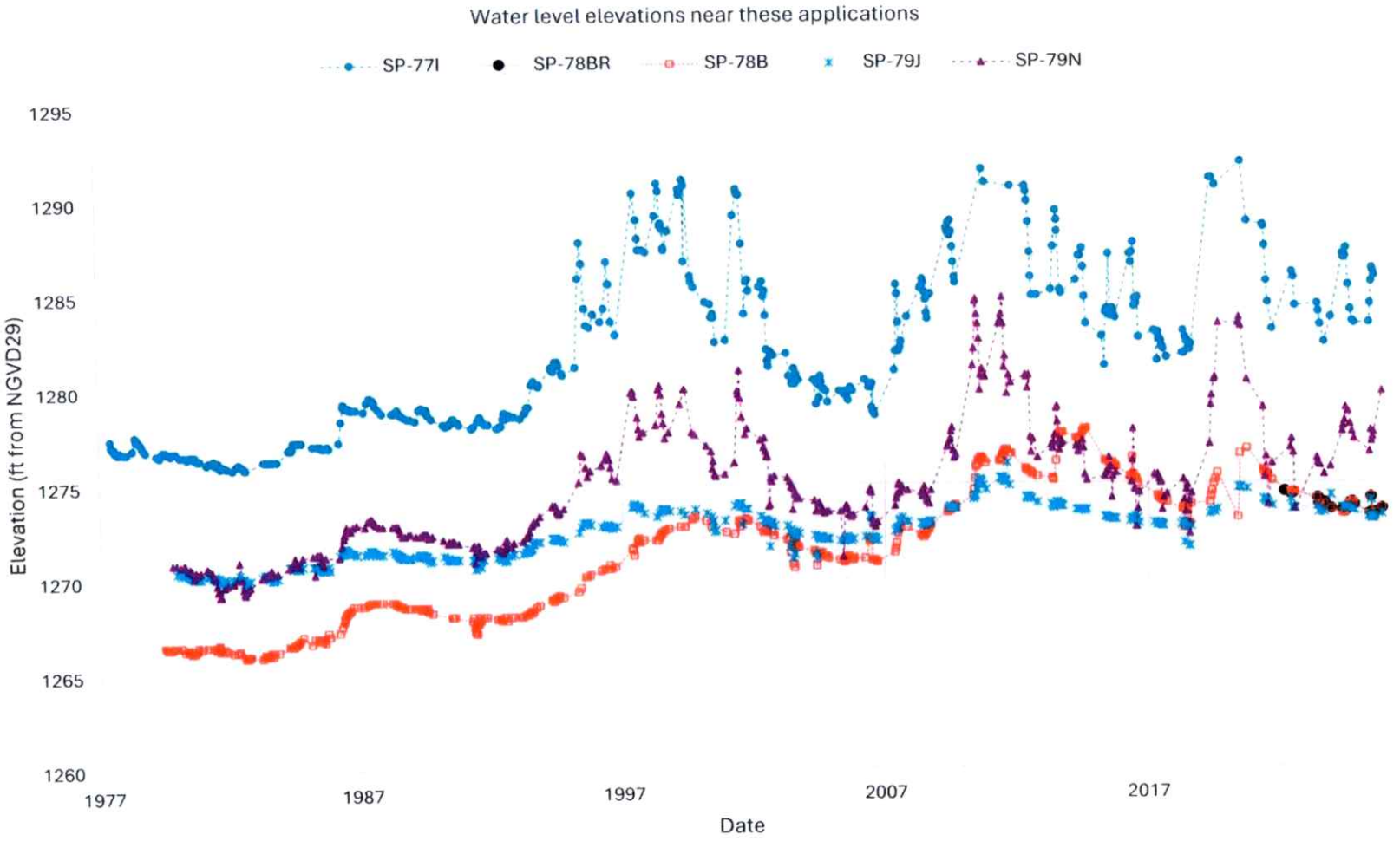

Figure 2: Water level elevations at Water Rights Program observation wells near these applications [2]

Possibility of Unlawful Impairment of Existing Water Rights

There are several water rights nearby the proposed or existing wells for these applications that are not owned by the applicant [1]. Figure 1 shows the proximity of water rights near these applications. The nearest water rights or senior held applications to any of the applications in this report are Water Right No. 1512-3 (Danny Peterson), approximately half a mile south of the proposed well for App. No. 8995-3, and Held Water Permit Application No. 8101-3 (Bixler Farms), approximately a half mile west of the proposed well for App. No. 8994-3 [1]. The nearest domestic well, not held by the applicant and completed into the same aquifer to App. No. 8993-3 is a stock well approximately three quarters of a mile south of those wells in the NE ¼ SE ¼ Section 36-T115N-R63W, based on the location provided by the driller. The nearest domestic well to App. No. 8994-3 is a stock well approximately 0.6 miles north of that application, in the same section, based on the location provided by the driller. The nearest domestic well to App. No. 8995-3 is in the same section approximately 0.5 miles north of the proposed well, based on the location provided by the driller.

The Water Rights Program has historically interpreted an unlawful impairment of existing water rights to occur if a junior water right/permit causes a nearby adequate well with a senior water right/permit to become unable to withdraw at the rate it is entitled to or, if a domestic well is impacted, a water right/permit causes an adequate domestic well to be unable to withdraw at the rate needed to supply reasonable domestic use of water. ARSD 74:02:04:20(6) defines an adequate well as:

> *...a well constructed or rehabilitated to allow various withdrawal methods to be used, to allow the inlet to the pump to be placed not less than 20 feet into the saturated aquifer or formation material when the well is constructed, or to allow the pump to be placed as near to the bottom of the aquifer as is practical if the aquifer thickness is less than 20 feet*

There are no complaints on file with the Water Rights Program involving possible well interference in the Tulare: Western Spink-Hitchcock aquifer in Spink County despite the large number of wells in relatively close proximity throughout the Tulare: Western Spink-Hitchcock aquifer [16]. Therefore, based on the lack of complaints, there is reasonable probability this application can be developed without unlawful impairment of existing domestic wells or senior water rights.

Conclusions

1. Water Permit Application No. 8993-3 proposes to appropriate 0.45 cfs from two existing wells authorized by Water Right No. 4134A-3 and irrigate an additional 12 acres located in the SE ¼, E ½ SW ¼ Section 25-T115N-R63W. Water Right No. 4134A-3 authorizes diversion of 1.33 cfs from two wells completed into the Tulare: Western Spink-Hitchcock aquifer located in the SW ¼ SE ¼, NW ¼ SE ¼ Section 25 for irrigation of 128 acres located in the E ½ SW ¼, SE ¼ Section 25; all in T115N-R63W. This application, if approved, and Water Right No. 4134A-3 combined, would authorize a combined total of 1.78 cfs for irrigation of 140 acres.

2. Water Permit Application No. 8994-3 proposes to appropriate 1.78 cfs from one well to be completed into the Tulare: Western Spink-Hitchcock aquifer located in the approximate center of the SE ¼ Section 18 for irrigation of 160 acres located in the SE ¼ Section 18; all in T114N-R62W.
3. Water Permit Application No. 8995-3 proposes to appropriate an additional 1.78 cfs from one new well to be completed into the Tulare: Western Spink-Hitchcock aquifer located in the approximate center of the SW ¼ Section 31-T114N-R62W to irrigate acres already authorized by Water Right No. 5182-3. Water Right No. 5182-3 authorizes the diversion of 1.88 cfs from one well completed into the Tulare: Western Spink-Hitchcock aquifer in the approximate center of the NW ¼ Section 31 for irrigation of 279 acres in the NW ¼, W ½ NE ¼, and SW ¼ Section 31; all in T114N-R62W. This application, if approved, and Water Right No. 5182-3 combined, would authorize a combined total of 3.66 cfs from two wells for irrigation of a total of 279 acres.
4. Based on the hydrologic budget and observation well analysis, there is reasonable probability unappropriated water is available for these applications.
5. There is reasonable probability these applications can be developed without unlawful impairment of senior water rights or domestic use.

Kimberly C. Drennon, E.I.
Engineer III – DANR Water Rights Program

References

[1] Water Rights Program, "Water Right Permit Files," S.D. Dept. of Ag. and Nat. Resources, Pierre, South Dakota, 2026.

[2] Water Rights Program, "Observation Wells," S.D. Dept. of Ag. and Nat. Resources, Pierre, South Dakota, 2026.

[3] SD DANR Geological Survey Program, "Lithologic Logs," Vermillion, South Dakota, 2025.

[4] Water Rights Program, "Well Completion Reports," S.D. Dept. of Ag. and Nat. Resources, Pierre, South Dakota, 2026.

[5] D. W. Tomhave and L. D. Schulz, "Bedrock geologoic map showing configuration of the bedrock surface in South Dakota east of the Missouri River," DANR Geological Survey Program, Vermillion, SD, 2004.

[6] J. Farmer, "First Report on the Five Year Review of Water Availability Western Spink Hitchcock Management Unit of the Tulare Aquifer," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, South Dakota, 2020.

[7] T. Jensen and A. Mathiowetz, "Report to the Chief Engineer on Water Permit Application Nos. 8949-3 & 8950-3 Tom Tuhsbaumer & 8951-3 Tyson Nuhsbaumer," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, SD., 2025.

[8] R. D. Benson, "Major aquifers in Spink County, South Dakota," SD DANR Geological Survey Program, Vermillion, South Dakota, 1997.

[9] L. S. Hedges, S. L. Burch, D. L. Iles, R. A. Barari and R. A. Schoon, "Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa Tasks 1-4," US Army Corps of Engineers, Omaha, Nebraska, 1982.

[10] K. Buhler, "Report to the Chief Engineer on Water Permit Application Nos. 7858-3, 7859-3, 7860-3, 7861-3, 7863-3 through 7872-3, 7885-3, 7894-3," SD DANR Water Rights Program, Joe Foss Bldg. Pierre, South Dakota, 2013.

[11] M. D. Fahrenbach, F. V. Steece, J. F. Sawyer, K. A. McCormick, G. L. McGillivray, L. D. Schulz and J. A. Redden, "South Dakota Stratigraphic Correlation Chart," SD Dept. of Ag. and Nat. Res. Geologic Survey Program, Vermillion, SD, 2010.

[12] K. C. Drennon, "Second Report on the Five-Year Review of Water Availablility in the Western Spink-Hitchcock Management Unit of the Tulare Aquifer," SD DANR Water Rights Program, 3 December 2025. [Online]. Available: https://danr.sd.gov/wrimage/pub/2025_TWSH_5YR.pdf. [Accessed 19 February 2026].

[13] L. K. Kuiper, "Appraisal of the Water Resources of the Eastern Part of the Tulare Aquifer, Beadle, Hand, and Spink Counties, South Dakota," US Geological Survey, Huron, South Dakota, 1984.

[14] A. Mathiowetz, Interviewee, *Acting Chief Engineer - Water Rights Program.* [Interview]. 27 March 2026.

[15] NOAA National Centers for Environmental Information, "Climate at a Glance: Divisional Time Series," U. S. National Oceanic and Atmospheric Administration, 1 March 2026. [Online]. Available: https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/divisional/time-series. [Accessed 19 March 2026].

[16] Water Rights Program, "Complaints Database," S.D. Dept. of Ag. and Nat. Resources, Joe Foss Building, Pierre, SD, 2025.

Appendix: Supplemental Tables

Table 3: Water right permits and applications shown in Figure 1 [1]

File No.	Name/Business	Status	CFS	Acres	Priority	File No.	Name/Business	Status	CFS	Acres	Priority
1509-3	Oscar Inc	License	1.900	135.0	02/16/1968	6312A-3	Twisted Land & Cattle LLC	License	2.670	264.0	03/28/2007
1512-3	Danny Peterson	License	1.900	135.0	02/16/1968						
1571-3	Gatzke Acres	License	2.110	160.0	04/23/1968	6332-3	Oscar Inc	License	1.890	136.0	06/21/2002
1600-3	Gatzke Acres	License	1.780	132.0	01/01/1953	6333A-3	Danny Peterson	License	1.780	215.0	06/21/2002
2853-3	Larry Gordon	License	1.780	132.0	07/29/1976	6333B-3	Lenny Peterson	License	1.670	134.0	06/21/2002
3046-3	Kenneth Nowell	License	1.850	130.0	09/14/1976	6334A-3	Twisted Land & Cattle	License	1.780	132.0	06/21/2002
3052-3	Bixler Farms	License	1.880	180.0	09/14/1976	6337-3	Brian Gatzke	License	3.560	272.0	06/21/2002
3065B-3	Danny Peterson	License	1.660	130.0	10/05/1976	6338-3	Gatzke Acres	License	3.336	264.0	07/12/2002
3172-3	Richard Rathjen	License	1.780	136.0	10/15/1976	6338A-3	Gatzke Feedlot LLC	License	0.450	68.0	07/12/2002
3174A-3	Galen & Deanna Koester	License	1.330	138.4	10/15/1976	6339A-3	Allen Gatzke	License	1.670	132.0	07/12/2002
3261-3A	James Frankenstein	License	1.440	130.0	10/15/1976	6340-3	Gatzke Acres	License	1.670	132.0	07/12/2002
3860-3	William E & Deborah A St Clair	License	1.940	136.0	03/10/1977	6343B-3	Twisted Land & Cattle	License	1.780	132.0	07/26/2002
4134A-3	Bixler Farms	License	1.330	128.0	08/30/1977	7289-3	Bixler Farms	License	3.570	270.0	12/15/2011
4591-3	Bixler Farms	License	1.880	132.0	11/06/1980	7292A-3	Gatzke Acres	License	1.670	133.0	07/12/2002
5123-3	Gatzke Acres	License	1.780	136.0	01/19/1987	7292B-3	Gatzke Acres	License	1.670	133.0	07/12/2002
5149-3	Gatzke Acres	License	1.780	132.0	09/16/1987	7293-3	Jeffery Gatzke	License	1.780	135.0	12/15/2011
5162-3	Gatzke Acres	License	1.550	132.0	10/13/1987	7573-3	Gary Marshall	License	1.780	134.0	12/13/2012
5163-3	Gatzke Acres	License	1.780	132.0	10/13/1987	7620B-3	Oscar Inc	License	0.890	64.0	01/04/2013
5182-3	Bixler Farms	License	1.880	279.0	03/15/1988	7685-3	Michael Watson	License	1.670	75.0	02/06/2013
5671-3	Twisted Land & Cattle	License	2.890	263.0	07/13/1992	7725C-3	Danny Peterson	License	1.780	135.0	02/28/2013
5897-3	Gatzke Acres	License	3.560	268.0	01/10/1996	8099-3	Bixler Farms	Held	1.780	160.0	02/25/2015
6175-3	Gary Marshall	License	1.670	136.0	02/07/2000	8100-3	Bixler Farms	Held	1.780	160.0	02/25/2015
6196-3	Oscar Inc	License	1.890	136.0	04/17/2000	8101-3	Bixler Farms	Held	1.780	150.0	02/25/2015
6200-3	Oscar Inc	License	1.890	136.0	05/08/2000	8102-3	Bixler Land	Held	1.780	160.0	02/25/2015
6201B-3	Lenny Peterson	License	1.780	132.0	05/08/2000	8103-3	Bixler Land	Held	1.780	160.0	02/25/2015
6201C-3	Danny Peterson	License	3.560	264.0	05/08/2000	8104-3	Bixler Farms	Held	1.780	160.0	02/25/2015
6201D-3	Brad Peterson	License	1.780	132.0	05/08/2000	8105-3	Bixler Land	Held	1.780	160.0	02/25/2015
6238-3	Bixler Farms	License	1.780	130.0	11/06/2000	8106-3	Bixler Land	Held	1.780	160.0	02/25/2015
6239-3	Bixler Farms	License	3.560	260.0	11/06/2000	8107-3	Bixler Farms	Held	1.780	180.0	02/25/2015
6288-3	Stanley Steinheuser	License	1.560	136.0	01/04/2002	8121-3	Allen and Jeffrey Gatzke	Held	0.890	40.0	02/25/2015
6312-3	Danny Peterson	License	1.780	132.0	03/13/2002						

File No.	Name/Business	Status	CFS	Acres	Priority	File No.	Name/Business	Status	CFS	Acres	Priority
8122-3	Allen and Jeffrey Gatzke	Held	1.780	70.0	02/25/2015	9013-3	Danny Peterson	In Process	0.000	25.0	12/23/2025 # 1 of 6
8993-3	Bixler Farms	In Process	0.450	12.0	12/04/2025 # 1 of 6	9014-3	Danny Peterson	In Process	0.000	45.0	12/23/2025 # 2 of 6
8994-3	Bixler Farms	In Process	1.780	160.0	12/04/2025 # 2 of 6	9015-3	Danny Peterson	In Process	0.000	28.0	12/23/2025 # 4 of 6
8995-3	Bixler Farms	In Process	1.780	0.0	12/04/2025 # 3 of 6	9016-3	Danny Peterson	In Process	0.000	30.0	12/23/2025 # 3 of 6
8998-3	Terry McClain	In Process	2.000	180.0	12/05/2025 # 6 of 8	9017-3	Danny Peterson	In Process	0.000	25.0	12/23/2025 # 5 of 6
8999-3	Craig Brock	In Process	1.780	155.0	12/05/2025 # 8 of 8	9018-3	Danny Peterson	In Process	0.000	56.0	12/23/2025 # 6 of 6

Table 4: All Tulare: Western Spink-Hitchcock water permit applications in process at time of report authorship.

File No.	Name	Priority	T N	R W	New Development Proposed					Other Water Right in Application						Total CFS	Total Acres
					CFS	Acres	No. Wells	Location of Wells	Location of Acres	File No.	No. Wells	CFS	Acres	Location of Wells	Location of Acres		
8993-3	Bixler Farms	12/04/2025 # 1 of 6	11S	63E	0.45	12	0	N/A	SE ¼ & E ½ SW ¼ Sec 25	4134A-3	2	1.33	128	Sec. 25	SW ¼ SE ¼, NW ¼ SE ¼ Sec 25	1.78	140
8994-3		12/04/2025 # 2 of 6	11S	62E	1.78	160	1	Ctr. of SE ¼ Sec. 18	SE ¼ Sec 18	N/A	N/A	N/A	N/A	N/A	N/A	1.78	160
8995-3		12/04/2025 # 3 of 6	11S	62E	1.78	0	1	Ctr. of SW ¼ Sec 31	N/A	5182-3	1	1.88	279	Ctr. of NW ¼ Sec 31	NW ¼, W ½ NE ¼, SW ¼ Sec 31	3.66	279
9000-3	Matthew Van Buskirk	12/04/2025 # 4 of 6	11S	63E	1.78	136	1	Ctr. of NE ¼ Sec 36	NE ¼ Sec 36	N/A	N/A	N/A	N/A	N/A	N/A	1.78	136
8996-3	Wayne or Scott Binger	12/04/2025 # 5 of 6	11S	65E	2.00	130	up to 2	NW ¼ Sec 1	NW ¼ Sec 1	N/A	N/A	N/A	N/A	N/A	N/A	2.00	130
8997-3		12/04/2025 # 6 of 6	11S	65E	2.00	130	up to 2	NE ¼ Sec 25	NE ¼ Sec 25	N/A	N/A	N/A	N/A	N/A	N/A	2.00	130
9005-3	Matthew Van Buskirk	12/05/2025 # 1 of 8	11S	63E	1.78	136	1	Ctr. SE ¼ Sec 30	SE ¼ Sec 30	N/A	N/A	N/A	N/A	N/A	N/A	1.78	136
9004-3		12/05/2025 # 2 of 8	11S	63E	1.78	136	1	Ctr. NE ¼ Sec 7	NE ¼ Sec 7	N/A	N/A	N/A	N/A	N/A	N/A	1.78	136
9003-3		12/05/2025 # 3 of 8	11S	63E	3.56	272	2	Ctrs. of SE ¼ & NE ¼ Sec 21	E ½ Sec 21	N/A	N/A	N/A	N/A	N/A	N/A	3.56	272
9002-3		12/05/2025 # 4 of 8	11S	63E	1.78	136	1	Ctr. of NW ¼ Sec 21	NW ¼ Sec 21	N/A	N/A	N/A	N/A	N/A	N/A	1.78	136
9001-3		12/05/2025 # 5 of 8	11S	63E	1.78	136	1	Ctr. SE ¼ Sec 32	SE ¼ Sec 32	N/A	N/A	N/A	N/A	N/A	N/A	1.78	136
8998-3	Terry McClain	12/05/2025 # 6 of 8	11S	62E	2.00	180	1	Ctr. SW ¼ Sec 8	S ½ Sec 8	N/A	N/A	N/A	N/A	N/A	N/A	2.00	180
9006-3	Timoty Masat	12/05/2025 # 7 of 8	11S	63E	1.78	204	2	Ctrs. of NW ¼, SE ¼ Sec 21	N ½ Sec 21	N/A	N/A	N/A	N/A	N/A	N/A	1.78	204
8999-3	Craig Brock	12/05/2025 # 8 of 8	11S	63E	1.78	155	1	Ctr. NE ¼ Sec 2	NE ¼ Sec 2	N/A	N/A	N/A	N/A	N/A	N/A	1.78	155
9010-3	Lenny D Peterson	12/06/2025 # 1 of 1	11S	65E	1.78	280	2	W ½ SE ¼ Sec 12	S ½ Sec 12	N/A	N/A	N/A	N/A	N/A	N/A	1.78	280
9011-3		12/07/2025 # 1 of 1	11S	65E	1.78	160	1	Ctr. of SE ¼ Sec 11	SE ¼ Sec 11	N/A	N/A	N/A	N/A	N/A	N/A	1.78	160
9008-3	Brian Gilbert	12/08/2025 # 1 of 2	11S	65E	3.57	300	2	Ctrs. NE ¼ & SE ¼ Sec 28	E ½ Sec 28	N/A	N/A	N/A	N/A	N/A	N/A	3.57	300

File No.	Name	Priority	T N	R W	New Development Proposed					Other Water Right in Application						Total CFS	Total Acres
					CFS	Acres	No. Wells	Location of Wells	Location of Acres	File No.	No. Wells	CFS	Acres	Location of Wells	Location of Acres		
9007-3	Jon Gilbert	12/08/2025 # 2 of 2	115	63	1.78	280	2	Ctrs. of NW ¼ & NE ¼ Sec 33	N ½ Sec 33	N/A	N/A	N/A	N/A	N/A	N/A	1.78	280
9013-3	Danny Peterson	12/23/2025 # 1 of 6	114	63	0.00	25	0	N/A	SW ¼ Sec 22	7725C-3	1	1.78	135	NE ¼ SW ¼ Sec 22	SW ¼ Sec 22	1.78	160
9014-3		12/23/2025 # 2 of 6	114	63	0.00	45	0	N/A	E ½ Sec 2	6333A-3	1	1.78	215	NE ¼ SW ¼ Sec 2	E ½ Sec 2	1.78	260
9016-3		12/23/2025 # 3 of 6	114	63	0.00	30	0	N/A	SW ¼ Sec 2	3065B-3	1	1.66	130	Ctr. of SW ¼ Sec 2	SW ¼ Sec 2	1.66	160
9015-3		12/23/2025 # 4 of 6	114	63	0.00	28	0	N/A	NE ¼ Sec 22	6312-3	1	1.78	132	Ctr. NE ¼ Sec 22	NE ¼ Sec 22	1.78	160
9017-3		12/23/2025 # 5 of 6	113	62	0.00	25	0	N/A	NW ¼ Sec 6	1512-3	1	1.90	135	Ctr. of NW ¼ Sec 6	NW ¼ Sec 6	1.90	160
9018-3		12/23/2025 # 6 of 6	114	63	0.00	56	0	N/A	E ½ Sec 34	6201C-3	2	3.56	264	SE ¼ NE ¼ & Ctr. of SE ¼ Sec 34	E ½ Sec 34	3.56	320