

WATER PERMIT NO. 2900-2

Name of Applicant: **Rapid Valley Sanitary District – Water Service**

Address: **4611 Teak Drive, Rapid City SD 57703** Phone: **605-393-1050**

Amount of Water Claimed: **932 AF** Total Acres: **N/A**

Source of Water Supply: **Groundwater**

Water to be used for: **Mun/Future** County: **Pennington**

Type of Waste Disposal System:

Location: **In the southeast of the Rapid City limits**

PRIORITY Date Received: **11-10-25**

Application/License Fee: **\$135.00**

Corrected Application Received: **11-24-25**

Period of Annual Use: **January 1 – December 31**

Remarks: **Future use reservation**

Diversion Point: **NE 1/4 NW 1/4 Sec 15-T1N-R8E**

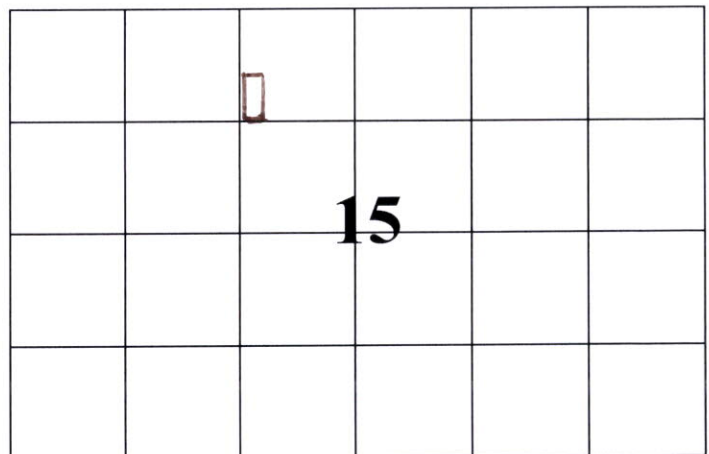
Land to be Irrigated: **N/A**

Depth of Well:

Well Driller:

Remarks:

Type of Map: **aerial**



Reviewed and the Number Assigned on: **12-01-25**

By: **Rachel Rodriguez**

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
FUTURE USE WATER PERMIT NO. 2900-2**

Date of first receipt of application November 10, 2025.

Date of return to applicant for corrections, amendments, or changes November 12, 2025.

Date of receipt of corrected application November 24, 2025.

The Chief Engineer, on behalf of the Water Management Board, issues Future Use Permit No. 2900-2 to Rapid Valley Sanitary District – Water Service, 4611 Teak Drive, Rapid City SD 57703, subject to the following limitations, conditions and qualifications:

1. Future Use Permit No. 2900-2 appropriates and reserves 932 acre-feet of water annually from the Madison Aquifer for future use. The area to be reserved for future use is located southeast of the city limits of Rapid City, in the NE 1/4 NW 1/4 Section 15-T1N-R8E (Lot 3R1 Revised, Houks Subdivision). The water is to be reserved as a future use water supply for municipal use by the Rapid Valley Sanitary District, serving customers in Pennington County. This permit does not authorize construction of works or placement of water to beneficial use.
2. The water reserved shall be used for the purpose of municipal use and may not exceed the amount of water needed for beneficial use.
3. The date of approval of Permit No. 2900-2 is March 9, 2026.
4. The date from which applicant may claim right is November 10, 2025.
5. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. Future Use Permit No. 2900-2 reserves 932 acre-feet of water annually from the Madison aquifer.
2. Future Use Permit No. 2900-2 is approved with the stipulation that this Permit is subject to review by the Water Management Board as to accomplishment in developing reserved water upon expiration of seven (7) years. This Permit shall be subject to cancellation if the Water Management Board determines during the review that the holder cannot demonstrate a reasonable need for the Permit.
3. At such time as definite plans are made to construct works and put the water reserved by this permit to beneficial use, specific application for all or any part of the reserved water must be submitted prior to construction of facilities pursuant to SDCL 46-5-38.1.

WATER MANAGEMENT BOARD

By: Adam Mathiowetz
Adam Mathiowetz, PE
Acting Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

06/15/2026
date



FORM 2: Application for uses other than irrigation
(type or print)

Mail to: SD DANR, Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>2900-2</u> Hydrologic Unit <u>10120110</u>
	Basin <u>Cheyenne</u>
	Newspaper <u>Rapid City Journal</u>
	(office use only)

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**Water Rights
Program**

Application for Permit to Appropriate Water in South Dakota

Check use(s) of water:

☒ Municipal	☐ Water Distribution System	☐ Recreational	☐ Institutional
☐ Rural Water System	☐ Commercial	☐ Fish & Wildlife	☐ Geothermal
☐ Domestic (over 18 gpm)	☐ Industrial	☐ Other _____	

Type of Application:
(check one)

☐ New	☐ Vested Right (Use predates Mar 2, 1955)	☒ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____		
☐ Amendment/Correction to Permit No. _____		

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

Future use reservation for future Madison Aquifer well on RVSD owned property south of Rapid Creek and Redwing Lane. The RVSD customer base is growing quickly and a well is needed in the future. See attached.

- Name to Appear on Water Permit Rapid Valley Sanitary District - Water Service
Mailing Address 4611 Teak Drive Rapid City SD 57703
(Address) (City) (State) (Zip Code)
Phone 605-393-1050 Mobile 605-381-2904 Email rschmidt@rvsd.com
- Amount of water claimed _____ *CFS or 1,000 **GPM and 932 ***AF or _____ Gallons
Flow rate and volume are both required. (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use)
- Source of water supply Madison Aquifer (NE 1/4 NW 1/4)
- Location of point of diversion Lot 3R1 Revised, Houks Sub, Section 15, T1N, R8E County Pennington County
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
If not a public water supply (e.g. municipal), will water be used outside of the area described above? ☐ Yes ☒ No
If "Yes," where will water be used? _____
(example - NW1/4 section 12-T104N-R53W)
- County or counties where water will be used Pennington
- Annual period during which water is to be used January 1 to December 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

This is a future well to serve future water demands for the RVSD. The area is growing and the District intends to secure water rights for a future well on property they own to treat and distribute to customers of the RVSD.

The nearest Madison Aquifer Well is owned by the City of Box Elder approximately 3.2 miles of this

I, Rusty Schmidt General Manager, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Supplemental Information

(type or print)

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1. Well Information (check one or both as applicable)

☒ Drilling new well(s) ☐ Using existing well(s)

- a) If new wells, how many 1 Have test holes been drilled? ☐ Yes ☒ No Drilled by _____
(if yes, please provide copies of logs)
- b) If existing wells, how many _____ Provide copy of log(s), if available. Drilled by _____

For either existing or proposed wells:

- c) Well Depth (required) 4,400' Depth to Top of Water Bearing Material 3900 Depth to Water from Surface 500'
- d) Distance to nearest domestic well on applicant's property 2,300' Property owned by others 3.2 miles

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) Treatment Plant
- b) System Capacity (gallons) 30 MGD Year Constructed 1970-2025
- c) Connected to the City of Rapid City Sanitary System

3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

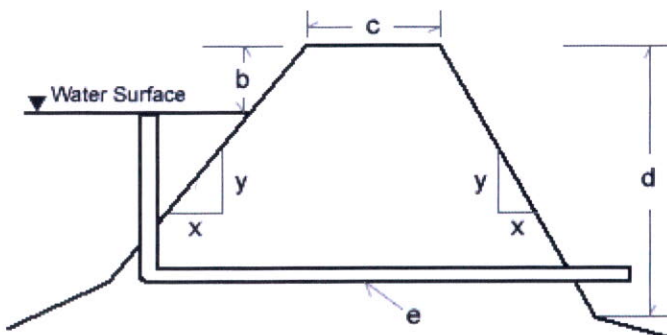
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____

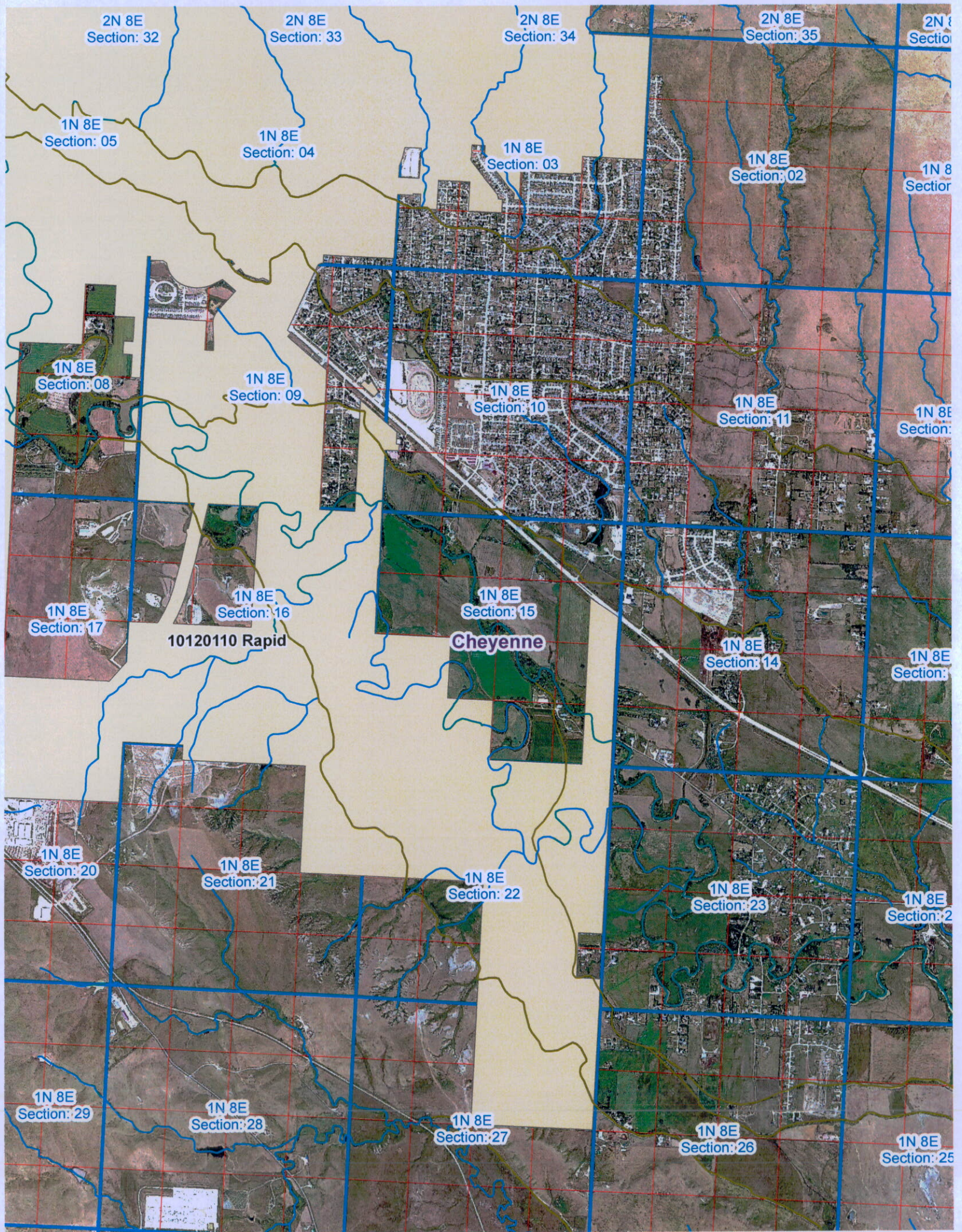
If pipe, diameter _____

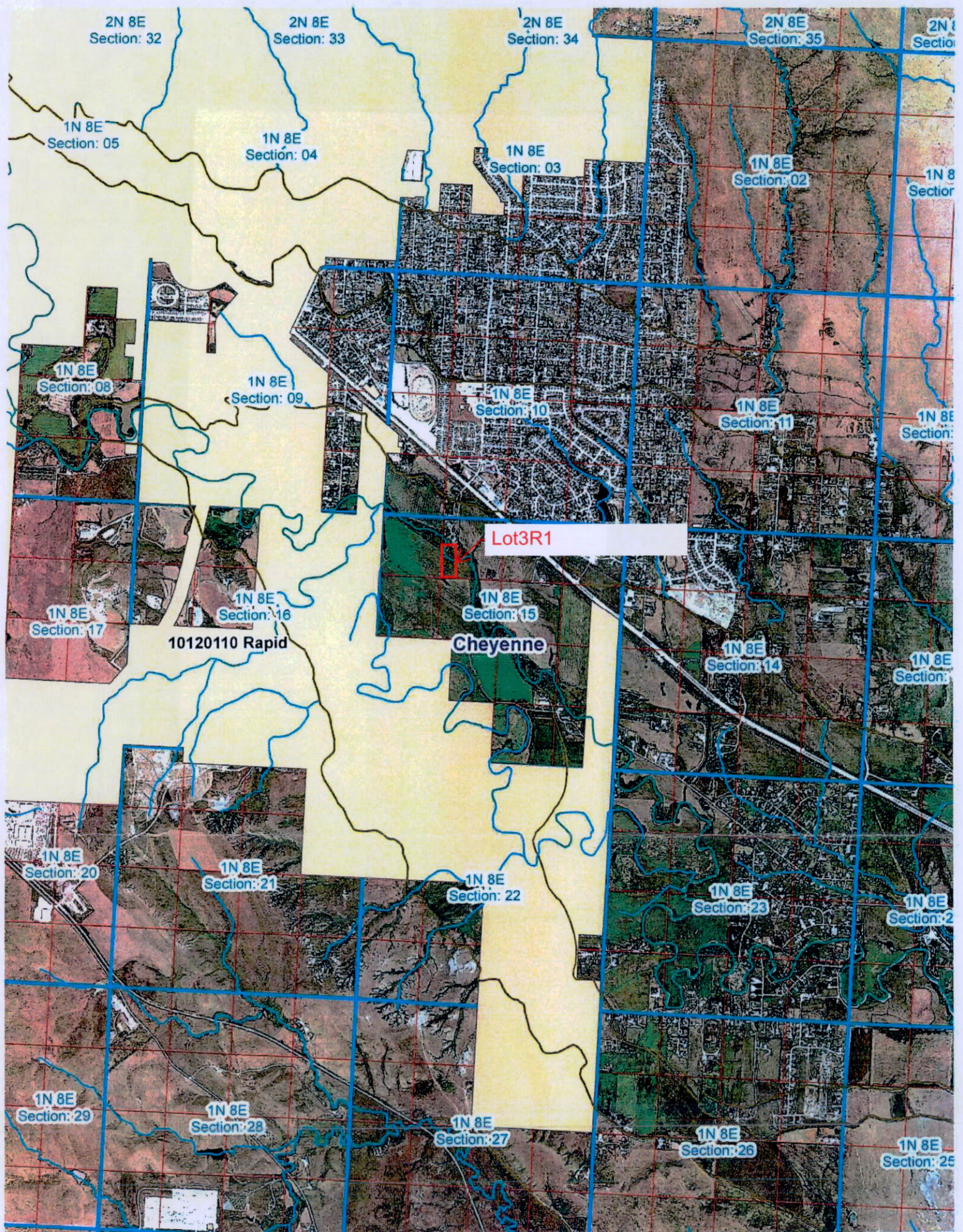
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)
Upstream _____
Downstream _____
- h) Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres











RAPID VALLEY SANITARY DISTRICT / WATER SERVICE #4611

031694

Check #:

Vendor ID: SDDENR

Vendor Name: SD DANR

Invoice No.	Date	Invoice Amount	Amount Paid	Discounts Taken	Credits Taken	Net Amount
FUTURE WELL PERMIT	11/13/25	135.00	135.00	0.00	0.00	135.00
					Net Check Amt	135.00

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NOV 24 2025

OFFICE OF
WATER



November 10, 2025

SDDANR
Water Rights Program
DANRmail@state.sd.us
523 E. Capitol Avenue
Pierre, SD 57501
Sent via email

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**Future Use Reservation Application for Permit to Appropriate Water in South Dakota
Water Distribution - Non-Irrigation Use Request for Future Madison Well No. 2
Rapid Valley Sanitary District – Water Service (RVSD)**

Supporting Information

On behalf of the RVSD, Foth is submitting supporting information in addition to the online application submitted to SDDANR. The Future Use Permit Application is being submitted due to the growth and anticipated expansion of the water system for the entire Rapid Valley area including an existing bulk meter connection to the City of Box Elder.

RVSD was formed in the 1960's to serve a growing need and customers in the Rapid Valley area east of Rapid City. Rapid Valley later became a relocation area for those displaced by the 1972 Rapid City Flood and desirable location to live in the Rapid City area. The RVSD population and water demand have steadily grown and RVSD has continued to expand and make upgrades to their water supply, storage and distribution system. The District originally operated a small surface water treatment on Rapid Creek from the 1970's to early 2000's. As growth occurred the old treatment plant on Valley Drive could not provide adequate supply and the District became reliant on the City of Rapid City to provide water supply until a new water source could be developed.

RVSD has worked to secure available additional water rights on Rapid Creek from 2005 to 2025, but there are limited water rights available and many of these water rights are low in priority. The current surface water rights that RVSD owns will not provide adequate water supply to operate future water demands during dry years and reduced releases from Pactola. In 2007, RVSD secured funding to construct a new water treatment plant, storage, and distribution improvements to serve the growing demands and to allow RVSD to provide a stable and reliable water supply for the entire Rapid Valley area. The water treatment plant construction allowed the District to meet 100% of their water demands and growth continued to occur in the District. RVSD also added the Green Valley Sanitary District as a bulk water customer following completion of the treatment plant which has provided safe drinking water to customers without another alternative.

RVSD has continued to make improvements to the water treatment plant and from 2017 to 2025 as the original polymeric microfiltration filters reached the end of their expected useful life. The District has replaced the original filters with ceramic ultrafiltration filters which increased their treatment capacity. The District also recently made major improvements to their system and in 2025 completed a new 2.0 MG storage facility, bulk metering facility, and distribution improvements to serve the City of Box Elder.

RVSD is currently constructing a new Madison Aquifer well and well house to provide additional supply to the District and planned growth areas which will be operational in 2026. This Well No. 1 will provide approximately 1,000 gpm in water supply capacity.

The District is proactively planning for the future and has become an active participant in regionalization of water systems in western South Dakota. The District has made water demand projections and have determined that a second new well will be necessary in about 10 to 15 years and if surface water right availability is reduced by 25% due to drought or other extreme conditions in Rapid Creek that a new well could be needed in as little as 5 to 10 years. The District has secured land for a new well site south of Rapid Creek and Redwing Lane which aligns with RVSD owned properties and water distribution facilities in the area.

The Future Well No. 2 is anticipated to produce approximately 1,000 gpm and deliver 932 acre-ft annually to customers in the District within 5 to 15 years based on growth and water availability in Rapid Creek. The attached table identifies the anticipated treatment plant capacity at 75% and 100% of water production availability and identifies that with the anticipated water demands the District will need to begin planning and engineering design for this well in the next 2 to 5 years. The following summary lists the potential timeline of a new well project:

Future Well No. 2 Tentative Schedule:

Future Water Right Reservation:	2026
Facility Plan for the Project:	2027
New Water Right Application:	2027-2028
Secure Funding for the Project:	2028
Engineering Design & Permits:	2028-2030
Bidding & Contract Award:	2029-2031
Complete Well Drilling:	2030-2032
Construct Well House:	2031-2033
Operational Startup:	2032-2034

This future well and water right allocation is critical to the stability and reliability within the RVSD water system and is essential to provide safe drinking water to customers served by the District.

The nearest Madison Aquifer well is the RVSD Well No. 1 approximately 2,300 feet north of the proposed Well No. 2 site. The next closest Madison Aquifer well is approximately 3.2 miles north in the City of Box Elder. Foth does not anticipate any adverse affects on Well No. 1 or other Madison Wells in the vicinity.

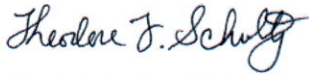
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On behalf of RVSD, please find this summary report and application that was submitted online for the Future Use Reservation Application for Well No. 2. Please contact me with any questions.

Sincerely,
Foth Infrastructure & Environment, LLC



Ted Schultz, P.E.
Senior Project Manager

ATTACHMENTS:

FUTURE USE RESERVATION APPLICATION (SUBMITTED ONLINE)
FUTURE WELL NO. 2 VICINITY MAP
WATER DEMAND FORECASTS
POPULATION GROWTH ESTIMATES
WELL NO. 2 WATER PRODUCTION ESTIMATES

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Rapid Valley Sanitary District - Drinking Water Projections

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Future Water Demands and Population Forecasts (Estimated)

		gpcpd	gpcpd	Well 1 (2848-2,2894-2)	Water treatment plant		Future Needs Program	
				Peak Day Production of 1000 gpm @ 13.7 Hours, 917AF annually	Treatment Plant 100% AF available 2181.8 (April-October ~213 days)	Treatment Plant 75% AF available 1636.3 (April-October ~213 days)	Future Water Supply Needed for peak day if 100% surface rights are available Start Well 2	Future Water Supply Needed for peak day if 75% surface rights are available Start Well 2
	Population	(GPD)	(GPD)	(GPD)	(GPD)	(GPD)	(GPM)	(GPM)
Year	2.98%	Average Day	*Peak Day	Daily Total	Daily Total	Daily Total		
2025	13,018	1,301,800	3,384,680		3,337,527	2,503,145		612
2026	13,406	1,340,594	3,485,543	822,000	3,337,527	2,503,145		111
2027	13,805	1,380,543	3,589,413	822,000	3,337,527	2,503,145		184
2028	14,217	1,421,684	3,696,377	822,000	3,337,527	2,503,145		258
2029	14,640	1,464,050	3,806,529	822,000	3,337,527	2,503,145		334
2030	15,077	1,507,678	3,919,964	822,000	3,337,527	2,503,145		413
2031	15,526	1,552,607	4,036,779	822,000	3,337,527	2,503,145		494
2032	15,989	1,598,875	4,157,075	822,000	3,337,527	2,503,145		578
2033	16,465	1,646,521	4,280,956	822,000	3,337,527	2,503,145		664
2034	16,956	1,695,588	4,408,528	822,000	3,337,527	2,503,145		752
2035	17,461	1,746,116	4,539,902	822,000	3,337,527	2,503,145	264	844
2036	17,982	1,798,150	4,675,191	822,000	3,337,527	2,503,145	358	938
2037	18,517	1,851,735	4,814,512	822,000	3,337,527	2,503,145	455	1,034
2038	19,069	1,906,917	4,957,984	822,000	3,337,527	2,503,145	554	1,134
2039	19,637	1,963,743	5,105,732	822,000	3,337,527	2,503,145	657	1,237
2040	20,223	2,022,263	5,257,883	822,000	3,337,527	2,503,145	763	1,342
2041	20,825	2,082,526	5,414,568	822,000	3,337,527	2,503,145	872	1,451
2042	21,446	2,144,585	5,575,922	822,000	3,337,527	2,503,145	984	1,563
2043	22,085	2,208,494	5,742,085	822,000	3,337,527	2,503,145	1,099	1,678
2044	22,743	2,274,307	5,913,199	822,000	3,337,527	2,503,145	1,218	1,797
2045	23,421	2,342,082	6,089,412	822,000	3,337,527	2,503,145	1,340	1,920
2046	24,119	2,411,876	6,270,877	822,000	3,337,527	2,503,145	1,466	2,046
2047	24,837	2,483,749	6,457,749	822,000	3,337,527	2,503,145	1,596	2,175
2048	25,578	2,557,765	6,650,190	822,000	3,337,527	2,503,145	1,730	2,309
2049	26,340	2,633,987	6,848,365	822,000	3,337,527	2,503,145	1,867	2,447
2050	27,125	2,712,479	7,052,447	822,000	3,337,527	2,503,145	2,009	2,588
2051	27,933	2,793,311	7,262,609	822,000	3,337,527	2,503,145	2,155	2,734
2052	28,766	2,876,552	7,479,035	822,000	3,337,527	2,503,145	2,305	2,885
2053	29,623	2,962,273	7,701,910	822,000	3,337,527	2,503,145	2,460	3,039
2054	30,505	3,050,549	7,931,427	822,000	3,337,527	2,503,145	2,619	3,199
Future	31,415	3,141,455	8,167,784	822,000	3,337,527	2,503,145	2,784	3,363
Future	32,351	3,235,071	8,411,184	822,000	3,337,527	2,503,145	2,953	3,532
Future	33,315	3,331,476	8,661,837	822,000	3,337,527	2,503,145	3,127	3,706
Future	34,308	3,430,754	8,919,960	822,000	3,337,527	2,503,145	3,306	3,885
Future	35,330	3,532,990	9,185,775	822,000	3,337,527	2,503,145	3,490	4,070
Future	36,383	3,638,273	9,459,511	822,000	3,337,527	2,503,145	3,681	4,260
Future	37,467	3,746,694	9,741,404	822,000	3,337,527	2,503,145	3,876	4,456
Future	38,583	3,858,345	10,031,698	822,000	3,337,527	2,503,145	4,078	4,657
Future	39,733	3,973,324	10,330,643	822,000	3,337,527	2,503,145	4,285	4,865
Future	40,917	4,091,729	10,638,496	822,000	3,337,527	2,503,145	4,499	5,079
Future	24,000	2,400,000	6,240,000	822,000	3,337,527	2,503,145	1,445	2,024
Future	28,000	2,800,000	7,280,000	822,000	3,337,527	2,503,145	2,167	2,746
Future	32,000	3,200,000	8,320,000	822,000	3,337,527	2,503,145	2,889	3,469
Future	36,000	3,600,000	9,360,000	822,000	3,337,527	2,503,145	3,611	4,191
Future	40,000	4,000,000	10,400,000	822,000	3,337,527	2,503,145	4,334	4,913

Data from 2020 Census and Historical Data			
1.	Pennington County population census growth from 2010-2020: 12.7% (1.27%/year)		
2.	Rapid City population census growth from 2010-2020: 12.3% (1.23%/year)		
3.	Rapid Valley Sanitart District growth from 2020-2025: 14.9% (2.98%/year)		
4.	Rapid Valley Sanitary District growth from 2010-2025ytd:34.5% (2.30%/year) acctual		
5.	Box Elder population census growth from 2010-2020: 28.8% (2.88%/year)		
6.	Estimated Rapid Valley population in 2020: 9500		
7.	Persons per household in Pennington County: 2.42		
8.	Persons per household in Rapid Valley: 2.81.		
9.	Historical population growth from 1960 to 2010 = 1.5%		
Peaking Factor	2.6	(Ave x Peak Day)	

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RVSD Future Well 2 Annual Production Estimates

Nov-25

NOV 12 2025

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Future Well 2 Annual Production Estimate

RVSD Average Day 1,000,753 gpd
 RVSD Average Day 695 gpm
 365 days per year
 1440 minutes/day
 365,274,845 Gallons per year
 365.274845 Million Gallons Annually
RVSD Annual Production 365 MG Annually
 48,830,271 CF
RVSD Annual Production 1,121 Acre FT

Future Well 2 Annual Production Estimate

Future Well 2 1000 gpm
 365 days per year
 1440 minutes/day
 525,600,000 Gallons per year
Future Well 2 Production 526 Million Gallons Annually
 70,262,683 CF

Maximum Well 2 Annual Prod (24 HRSX365 DAYS)

1,613 Acre FT

56% Future Well 2 Annual Production

932 Acre FT

58%

RVSD Future Well 2

No.	Month	Days/ Month	Well 2	Well 2	Well 2	Well 2	Well 2
			GPM	Hours/ Day	Volume	Volume	Volume
					Gallons/Mo	Acre- Ft/Month	Gal/Day
1	January	31	1000	10	18,600,000	57.1	600,000
2	February	28	1000	10	16,800,000	51.6	600,000
3	March	31	1000	12	22,320,000	68.5	720,000
4	April	30	1000	14	25,200,000	77.3	840,000
5	May	31	1000	16	29,760,000	91.3	960,000
6	June	30	1000	16	28,800,000	88.4	960,000
7	July	31	1000	20	37,200,000	114.2	1,200,000
8	August	31	1000	20	37,200,000	114.2	1,200,000
9	September	30	1000	16	28,800,000	88.4	960,000
10	October	31	1000	12	22,320,000	68.5	720,000
11	November	30	1000	10	18,000,000	55.2	600,000
12	December	31	1000	10	18,600,000	57.1	600,000
Future Well 2 Annual Totals					303,600,000	932	
					Totals Gallons	Acre-Ft	

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date November 24th, 2025

RECEIVED OF Rapid Valley Sanitary District - Water Services 4611 Teak Drive Rapid City, SD 57703

The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	\$ _____
Fee for Application for Permit No. <u>2900-2</u> to Appropriate Water for Future use	\$ <u>135.00</u>
Fee to retain Future Use Permit No. _____ after period of seven years.	\$ _____
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____	\$ _____
Fee for Filing Transfer Form _____	\$ _____
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law) TOTAL	\$ <u>135.00</u>

By Mark Meyer
Chief Engineer



**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 FUTURE USE WATER
PERMIT APPLICATION NO. 2900-2, Rapid Valley Sanitary District - Water Service**

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 Future Use Water Permit Application No. 2900-2, Rapid Valley Sanitary District - Water Service, 4611 Teak Drive, Rapid City SD 57703.

The Acting Chief Engineer is recommending APPROVAL of Application No. 2900-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) Rapid Valley Sanitary District has demonstrated a reasonable need for the water reserved, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. Future Use Permit No. 2900-2 reserves 932 acre-feet of water annually from the Madison aquifer.
2. Future Use Permit No. 2900-2 is approved with the stipulation that this Permit is subject to review by the Water Management Board as to accomplishment in developing reserved water upon expiration of seven (7) years. This Permit shall be subject to cancellation if the Water Management Board determines during the review that the holder cannot demonstrate a reasonable need for the Permit.
3. At such time as definite plans are made to construct works and put the water reserved by this permit to beneficial use, specific application for all or any part of the reserved water must be submitted prior to construction of facilities pursuant to SDCL 46-5-38.1.

See report on application for additional information.

Adam Mathiowetz, PE
Acting Chief Engineer
February 13, 2026

NOTE: Approval of Future Use Permit No. 2900-2 does not preclude approval of subsequent appropriations by other persons within the future use area identified on No. 2900-2. Approval of any such appropriations will have a priority date junior to No. 2900-2. However, future siting of wells by the Rapid Valley Sanitary District to place water to beneficial use within the future use area will be subject to review during the application process to place to beneficial use regarding the likelihood of well interference between a Rapid Valley Sanitary District well or wells, and wells of other users within the future use area.

**Report to the Chief Engineer on
Water Permit Application No. 2900-2**
Rapid Valley Sanitary District
2026 January 27

Water Permit Application No. 2900-2 proposes to reserve 932 acre-feet of water annually from the Madison aquifer, for future use as municipal water supply for Rapid Valley Sanitary District, serving customers in Pennington County. The area described for future development of a water supply is located southeast of the city limits of Rapid City, in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 15 T1N-R8E Black Hills Meridian (Lot 3R1 Revised, Houks Subdivision). If approved, this application does not authorize construction of works or placement of water to beneficial use.

Aquifer: Madison Limestone (MDSN)

Hydrogeologic Characteristics

The Madison Group in South Dakota is a Lower Mississippian and Upper Devonian aged group of formations that in the Black Hills consists of the Englewood and Pahasapa Limestone formations [1]. The Pahasapa Limestone is a “white, light-gray to tan, fine- to medium-grained limestone and dolomite containing brown to gray chert” [2]. The Englewood Limestone is a “pink to lavender to light-gray, thin- to medium-bedded, fine- to medium-grained, argillaceous, dolomitic limestone” [2]. The Madison aquifer consists of the permeable and porous portions of the Madison Group that are sufficiently saturated to deliver useful quantities of water. The Madison aquifer extends over more than 210,000 square miles in Montana, Wyoming, North Dakota, South Dakota, and Nebraska [3] although, it may not be suitable as a source of water in all of those areas due to extreme depth to the aquifer and poor water quality far from the outcrops [4]. It crops out in the Black Hills and is buried elsewhere in South Dakota [3]. The Madison aquifer may be hydrologically connected to the underlying Deadwood aquifer. It is also hydrologically connected to the overlying Minnelusa aquifer [5]. The Minnelusa aquifer overlies the Madison unconformably [1], which means there was a period of erosion or weathering between when the Madison Group and the Minnelusa Formation were deposited. Transmissivity in the Madison aquifer mainly comes from secondary porosity features such as solution cavities, faults, and fractures [5]. Because most of the transmissivity in the Madison aquifer comes from secondary porosity features, aquifer characteristics in the Madison aquifer vary greatly from location to location [5].

There is a well completion report nearby this application for Water Permit No. 2848-2, also held by the applicant, which was completed on April 12, 2025, in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10 T1N-R8E [6], which is approximately a quarter mile north-northeast of the proposed area for this application. The driller reported encountering the top of the Madison Limestone 3,816 feet below grade and drilled to a total depth of 4,128 feet. The static water level at the time the well was completed was approximately 590 feet below grade. This is consistent with the depth and conditions of the Madison aquifer [7] [8] that are mapped and in the Well Completion Report database [6].

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 (from here on, "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 46-2A-10 a reservation for future use may be approved only if there is a reasonable probability that unappropriated water is available for this application, that the quantity of water will be needed by the entity, and that the proposed use will be a beneficial use and in the public interest. The applicant has submitted documents that supply reasoning for the quantity of water requested. 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.

Availability of Water

Statewide Hydrologic Budget

Statewide Recharge

The Madison aquifer receives recharge from infiltration of precipitation and streamflow on the outcrop area and may also receive inflow from the underlying Deadwood aquifer [9]. Woodward-Clyde Consultants [10] estimated recharge to the outcrop of the Madison aquifer in the Black Hills as part of an environmental impact statement for the ETSI Coal Slurry Pipeline Project. The upper-bound estimate of recharge in the Woodward-Clyde Consultants report is approximately 400,000 ac-ft/yr, assuming almost all of the precipitation that falls on the outcrop infiltrates into the aquifer [10]. Woodward-Clyde Consultants produced a lower-bound recharge estimate of 140,000 ac-ft/yr based on the Rahn and Gries [11] report [10]. However, the Rahn and Gries report estimated recharge for all Paleozoic limestone in the Black Hills, which includes the Madison Group, the Minnelusa Formation, and the Minnekahta Formation [11]. Rahn and Gries [11, p. 15] reported that 146.14 cfs was their minimum estimated recharge rate for the Paleozoic limestone from infiltration of precipitation, which converts to approximately 106,000 ac-ft/yr for all Paleozoic formations. The Woodward-Clyde Consultants report did not acknowledge the fact that the Rahn and Gries [11] report estimated minimum recharge for a larger group of formations than the Woodward-Clyde Consultants report covers and therefore was likely to overestimate recharge to the Madison aquifer under the assumptions made [10].

Carter, Driscoll, and Hamade [9] analyzed streamflow and precipitation data from water years 1931 to 1998 in the Black Hills area in South Dakota and Wyoming to determine the average annual recharge to the Madison and Minnelusa aquifers. They estimated a combined average annual recharge to both aquifers to be 344 cfs, or approximately 249,000 ac-ft/yr, not including possible flow from the Deadwood aquifer [9]. Carter, Driscoll, and Hamade [9] estimated that approximately 55% of the recharge goes to the Madison aquifer, so the total estimated average

recharge to the Madison aquifer from the outcrop in the Black Hills is 137,000 ac-ft/yr, not including possible inflow from adjacent aquifers or from the Madison aquifer outside of the Black Hills of South Dakota and Wyoming. The Carter, Driscoll, and Hamade [9] report uses more years of data, more recent data, and better assumptions than the Woodward-Clyde Consultants [10] and Rahn and Gries [11] reports. However, area for recharge from precipitation used by Carter, Driscoll, and Hamade [9] included the Limestone Plateau east of the groundwater divide. The water infiltrating into the Madison Limestone on the Limestone Plateau east of the groundwater divide does not flow to the greater aquifer. Instead, it becomes spring discharge on the eastern side of the Limestone Plateau, which flow across the Crystalline Core. The streamflow from those springs can flow across the Madison Formation on the eastern slope of the Black Hills, which does recharge the aquifer.

In 2025, Medler, Anderson, and Eldridge [12] used precipitation data and the framework established by Carter, Driscoll, and Hamade [9] to generate updated estimates of precipitation and streamflow recharge to the five largest sedimentary bedrock aquifers and the Jurassic interval in the Black Hills. The total estimated precipitation recharge to the Madison aquifer in South Dakota (excluding streamflow contributions) is approximately 57,003 ac-ft/yr. Medler, Anderson, and Eldridge [12] estimated recharge from streamflow to the Madison and Minnelusa aquifers together. Drennon [13] used streamflow loss estimates by Hortness and Driscoll [14] to divide streamflow recharge estimated by Medler, Anderson, and Eldridge [12] proportionately according to the amounts of estimated streamflow loss to each aquifer provided by Hortness and Driscoll [14]. Where Hortness and Driscoll [14] did not provide an estimate of how much streamflow went to each aquifer, Drennon assumed 70% of streamflow recharge went to the Madison aquifer, following work by Carter, et al. [9]. Using those methods, the total estimated recharge to the Madison aquifer is approximately 103,000 ac-ft/yr. Given the variety of methods and time periods used for estimates, the true value of recharge to the Madison aquifer may range between 103,000 and 137,000 ac-ft/yr, not including groundwater inflow from other regions.

Statewide Discharge

Discharge from the Madison aquifer in South Dakota is mainly by outflow to other aquifers when the hydraulic head in the Madison aquifer is higher than the other aquifers, outflow to springs and seeps, and withdrawals by domestic and appropriative wells [15]. Due to the presence of overlying aquifers and water distribution systems in many areas of the aquifer, domestic well withdrawals are a negligible portion of the hydrologic budget of the Madison aquifer. There are 183 water rights/permits currently authorized to withdraw from the Madison aquifer, and 12 future use water rights/permits reserving water from the Madison aquifer. Table 1 shows the future use permits reserving water from the Madison aquifer [16].

Of the 183 active water rights/permits, 112 are primarily for some type of water distribution system (rural water system, municipal, etc), 34 primarily for irrigation, 17 primarily for commercial use, 11 primarily for industrial use, 4 primarily for domestic use, 2 for geothermal use, 2 for institutional use, and one primarily for recreation [16]. There are 37 water rights/permits which have irrigation listed as one of the uses in their permit. Estimated withdrawals for irrigation use are shown in Table 5 (page 13). When there were more than 10

years of irrigation reports available, the average reported irrigation was used to estimate irrigation withdrawals. When there were fewer than 10 years of irrigation reports available, withdrawals are assumed to equal two acre-feet per acre, although actual usage is likely less for non-turf irrigation. Non-irrigation withdrawals from permit holders with irrigation also being a permitted use are assumed to withdraw at their maximum instantaneous diversion rate 60% of the time [17]. For Water Right No. 1885-1, that would have caused the total estimated withdrawal to exceed the rate they were physically capable of withdrawing, so their total estimated withdrawal is 100% of their maximum instantaneous diversion rate. The estimated average annual withdrawal from permits with irrigation as one use is 7,859 ac-ft/yr.

Table 1: Future Use Permits from the Madison aquifer [16]

Permit No.	Name/Business	County	Use	Priority Date	Amount Reserved (ac-ft/yr)
2028-1	Bear Butte Valley Water, Inc	MD	RWS, WDS	03/23/2023	440
369-1	City of Belle Fourche	LA	MUN	12/10/1958	620
2086-2	City of Rapid City	PE	MUN	05/18/1989	4,075
2086A-2	City of Rapid City	PE	MUN	05/18/1989	0
439-2*	City of Rapid City	PE	MUN	09/22/1956	3,367
1872-1	City of Spearfish	LA	MUN	11/13/2006	2,704
2560-2	Fall River Water Users District	FR	RWS	05/16/2005	358
2560A-2	Fall River Water Users District	FR	RWS	05/16/2005	0
2560B-2	Fall River Water Users District	FR	RWS	05/16/2005	0
2580-2	Southern Black Hills Water System	FR	RWS	03/02/2006	1,474
1833-2	Weston Heights Home Owners	MD	RWS	02/18/1983	211
1995-1	Black Hawk Water User District	MD	RWS	04/15/2020	1,300
Total					14,549
FR – Fall River, LA – Lawrence, MD – Meade, PE – Pennington					
MUN – Municipal, RWS – Rural Water System, WDS – Water Distribution System					
* This permit reserves water from multiple aquifers but is assumed to withdraw solely from the Madison for estimation of the hydrologic budget.					

Of the non-irrigation permits, eight (743-1, 272-1, 1858-2, 574-2, 1442-1, 1703-1, 566-2, and 1628-2) are held by water distribution systems which purchase water from another system and are therefore assumed to withdraw a negligible amount of water under their Madison aquifer permits [18] [19]. There are 65 permits which have reporting their withdrawals to the Chief Engineer as a requirement under the permit, or report withdrawals from the Madison aquifer voluntarily along with a required report.

Table 6 (page 15) shows water right permits required to report to the Chief Engineer and the estimated withdrawal by those entities, using the same estimation methods as for irrigation reports when there were not enough years of reported withdrawals to use the average annual report. The estimated average annual withdrawal of Madison aquifer permits in this group of permits is 26,343 ac-ft/yr.

There are 17 permits which are not required to report withdrawals to the Chief Engineer but do report production to the SD DANR Drinking Water Program and have the Madison aquifer as their only source of water. The reported production for those systems is 187 ac-ft/yr as shown in Table 7 (page 16) and is used to estimate withdrawals for those permits. There are seven permits which have an annual volume of water listed on their permit but do not report withdrawals to the Chief Engineer or the Drinking Water Program and are assumed to withdraw their full allotted volume, for a combined total of 1,737 ac-ft/yr. The 49 remaining permits appropriate a combined total of 19.833 cfs and are assumed to withdraw at their maximum diversion rate 60 percent of the time, for an estimated average annual withdrawal of 8,621 ac-ft/yr.

There are two applications which are deferred or held in abeyance. Water Permit Application No. 2585-2 for Southern Black Hills Water System proposes to appropriate 1,600 ac-ft/yr but is deferred for further study. Water Permit Application No. 2685-2 for Powertech, Inc is held in abeyance pending federal permitting and proposes to appropriate 889 ac-ft/yr. There is one permit application, No. 2897-2, which proposes to appropriate 85 acre-feet of water for water distribution system use, and is pending approval.

Summary of Statewide Hydrologic Budget

The estimated average annual recharge from streamflow and precipitation to the Madison aquifer in South Dakota is approximately 103,000 to 137,000 ac-ft/yr. Table 2 shows a summary of the various methods of estimating withdrawals. The estimated average annual withdrawal from the Madison aquifer is 61,870 ac-ft/yr, including reservations for future use and held or pending applications. This application proposes to reserve 932 ac-ft/yr. Therefore, based on the hydrologic budget, there is reasonable probability unappropriated water is available for this application.

Table 2: Summary of estimated withdrawals

Use Type	Count	Est Use (ac-ft/yr)
Irrigation	37	7,859
Standby	8	0
Reports to Chief Engineer	65	26,343
Drinking Water Reports	17	187
Volume Limit	7	1,737
Sixty Percent Estimate	49	8,621
<i>Subtotal, authorized to withdraw</i>	<i>183</i>	<i>44,747</i>
Future Use	12	14,549
Pending	1	85
Deferred/Abeyance	2	2,489
Grand Total	198	61,870

Local Hydrologic Budgets

There are two studies which reviewed localized water availability in the Madison and Minnelusa aquifers that include the location of this future use reservation. Comparison of Water Rights estimated withdrawals to the recharge estimated in these studies is provided for the information of the Chief Engineer and the Water Management Board, but the Madison aquifer is not divided into management units by these local studies.

Carter, et al. [15]

Carter, et al. [15] divided the area around the Black Hills into nine subareas and used streamflow, precipitation, spring flow, estimated ground water flow, and well withdrawal data from 1987 to 1996 for the hydrologic budgets. This application is in Subarea 4 of their report. The boundaries of the Carter et al. [15] subareas were designed to minimize flow across subarea boundaries. Medler, Anderson, and Eldrige [12] provided an updated estimate of precipitation recharge to the Madison aquifer of 2,750 ac-ft/yr. Drennon [13] estimated that the recharge to the Madison aquifer from infiltration of streamflow to Subarea 4 is approximately 15,900 ac-ft/yr. Carter et al. [15] estimated recharge to the Madison and Minnelusa aquifers is 39.3 cfs. Multiplying that by 55%, the estimated recharge to the Madison aquifer is 21.6 cfs, equivalent to approximately 15,700 ac-ft/yr. Following the same methods as the Statewide Discharge section, withdrawals from Carter et al. [15] Subarea 4 are shown in Table 3, estimated to total to 26,901 ac-ft/yr including reservations for future use. This application proposes to reserve an additional 932 ac-ft/yr. While the local hydrologic budget indicates appropriations exceed recharge, actual measured water levels in the aquifer at nearby observation wells do not indicate withdrawals are exceeding recharge. This discrepancy may be due to the inherent uncertainties in estimating a recharge rate or unaccounted for movement of water from adjacent subareas or between aquifers, or a combination of these factors. Furthermore, the hydrologic budget is based on the entire aquifer and not a single subarea. Therefore, based on the local hydrologic budget in combination with other information available, there is reasonable probability unappropriated water is available for this application.

Table 3: Estimated withdrawals from the Madison aquifer in Subarea 4

Use Type	Count	Est Use (ac-ft/yr)
Irrigation	8	910
Standby	1	0
Reports to Chief Engineer	17	13,709
Drinking Water Reports	5	38
Volume Limit	0	0
Sixty Percent Estimate	15	3,205
<i>Subtotal, authorized to withdraw</i>	<i>46</i>	<i>17,863</i>
Future Use	5	8,953
Pending	1	85
Grand Total	52	26,901

Long and Putnam [5]

Long and Putnam [5] analyzed groundwater flow of the Madison and Minnelusa aquifers in the area near Rapid City, including the area for this application. One product of that analysis was a hydrologic budget for water years 1988 through 1997. Long and Putnam [5] estimated that in their study area, streamflow recharge was 38.8 cfs, precipitation recharge as 16.1 cfs, and groundwater inflow from the Deadwood aquifer was 6.3 cfs, for a total of 61.2 cfs flowing into the Madison and Minnelusa aquifers. Within the Long and Putnam [5] study area, the area of the Madison outcrop is 30,790 acres and the area of the Minnelusa outcrop is 31,196 acres, so the area of Madison and Minnelusa outcrop is divided approximately 50/50%. Therefore, the estimated recharge to the Madison aquifer within the Long and Putnam [5] study area is 30.6 cfs, or approximately 22,000 ac-ft/yr. The estimated withdrawals from the Long and Putnam [5] study area are shown in Table 4. The estimated average annual appropriation from the Long and Putnam [5] study area is 30,555 ac-ft/yr and there are five future use permits and no held applications in the study area. This application proposes to reserve up to 932 additional acre-feet of water per year. While the local hydrologic budget indicates appropriations exceed recharge, actual measured water levels in the aquifer at nearby observation wells do not indicate withdrawals are exceeding recharge. This discrepancy may be due to the inherent uncertainties in estimating a recharge rate or unaccounted for movement of water from adjacent subareas or between aquifers, or a combination of these factors. Furthermore, the hydrologic budget is based on the entire aquifer and not a single subarea. Therefore, based on the hydrologic budget, in addition to other information, there is reasonable probability unappropriated water is available for this application.

Table 4: Estimated withdrawals in the Long and Putnam [5] area

Use Type	Count	Est. Use (ac-ft/yr)
Irrigation	9	957
Standby	1	0
Reports to WR	32	16,953
Drinking Water Reports	6	93
Volume Limit	0	0
Sixty Percent Estimate	20	3,514
Subtotal	68	21,517
Future Use	5	8,953
Pending	1	85
Grand Total	74	30,555

Observation Wells

Administrative Rule of South Dakota (ARSD) 74:02:05:07 requires that the Water Management Board consider the record of observation wells in addition to other information to determine the availability of unappropriated water. The DANR Water Rights Program maintains 25 observation wells completed into the Madison aquifer [20]. The nearest observation wells to this application are PE-65A, PE-89A, PE-89C, and PE-96A. Figure 1 shows a map of water right permits and Water Rights Program observation wells completed into the Madison aquifer near this

application. Table 8 (page 17) describes all water right permits withdrawing from the Madison aquifer shown in Figure 1. Water level data from these wells is shown in Figure 2 [20]. Observation Wells PE-65A, PE-89A, and PE-96A are near high-capacity wells and Rapid Creek and therefore have water levels influenced by appropriative use by Rapid City and the physical maximum water elevation allowed by spring flow to Rapid Creek. Observation Well PE-89C is further from those features and is reflective of general conditions in the aquifer at that location. In general, water levels rise during periods of higher-than-average precipitation and decline during periods of lower-than-average precipitation. The predominant influence of climactic fluctuations on the observation well data indicates that the Madison aquifer is discharging water naturally. The Water Management Board considers natural discharge to be available for capture. Therefore, based on the record of observation well data, there is reasonable probability unappropriated water is available for this application.

Nearby Water Users

As mentioned in the report submitted by the applicant, the nearest water user withdrawing from the Madison aquifer in proximity to this application is a well owned by the applicant. The engineering consultant hired by the applicant does not expect interference to be a concern between the applicant's existing well and the proposed well which would be constructed when this future use reservation is placed to beneficial use, if approved. Another application is required to be submitted identifying well location(s) when a future use reservation is to be placed to beneficial use. The potential for unlawful impairment is evaluated with that application.

Conclusions

1. Water Permit Application No. 2900-2 proposes to reserve 932 acre-feet of water annually from the Madison aquifer, for future use as municipal water supply for Rapid Valley Sanitary District, serving customers in Pennington County. The area described for future development of a water supply is located southeast of the city limits of Rapid City, in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 15 T1N-R8E Black Hills Meridian (Lot 3R1 Revised, Houks Subdivision). If approved, this application does not authorize construction of works or placement of water to beneficial use.
2. Based on the hydrologic budget and observation well analysis, there is reasonable probability unappropriated water is available for this application.



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Engineer III – DANR Water Rights Program

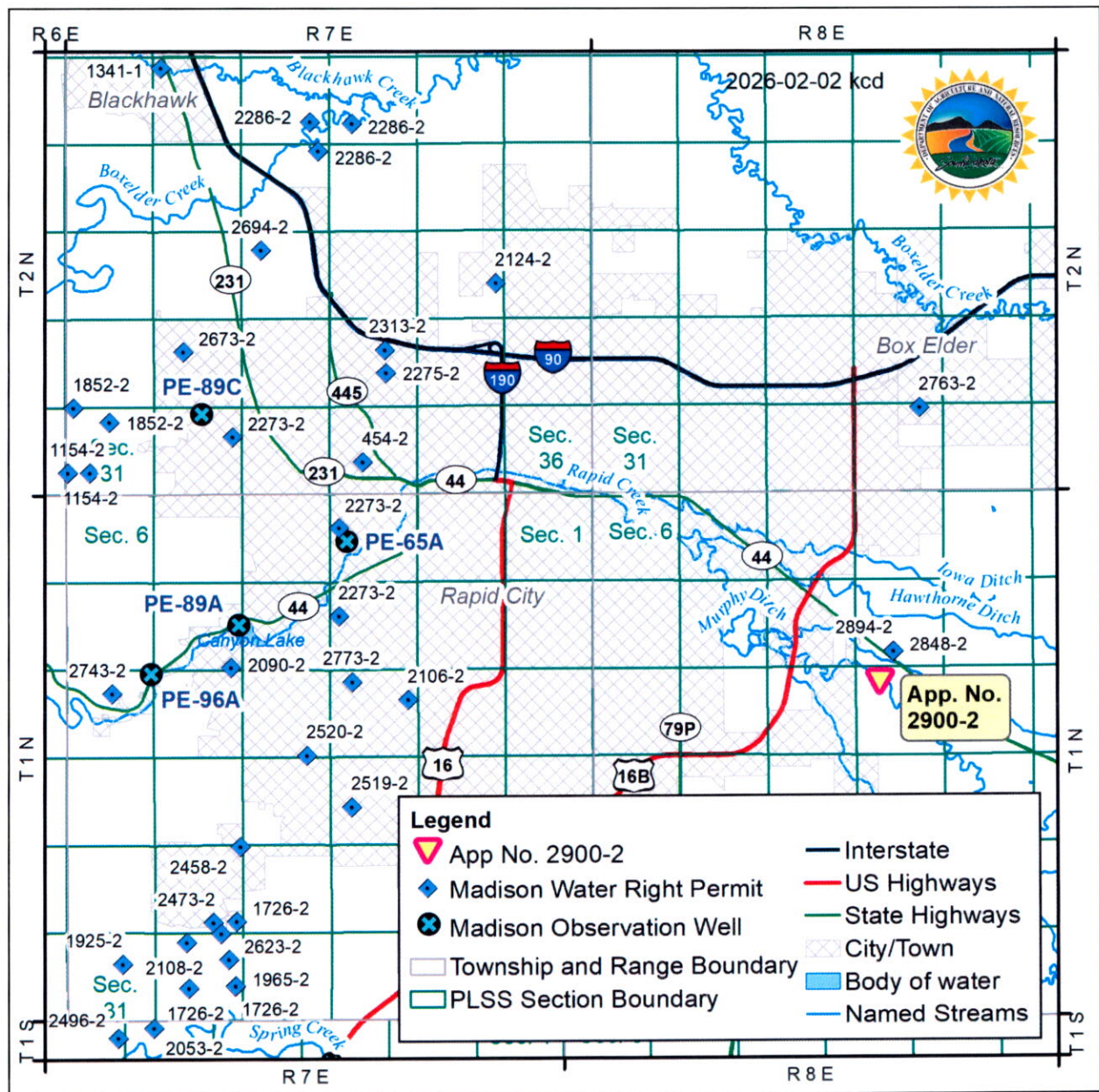


Figure 1: Water right permits and Water Rights Program observation wells near this application. Future use area is too small for this map scale [20] [16].

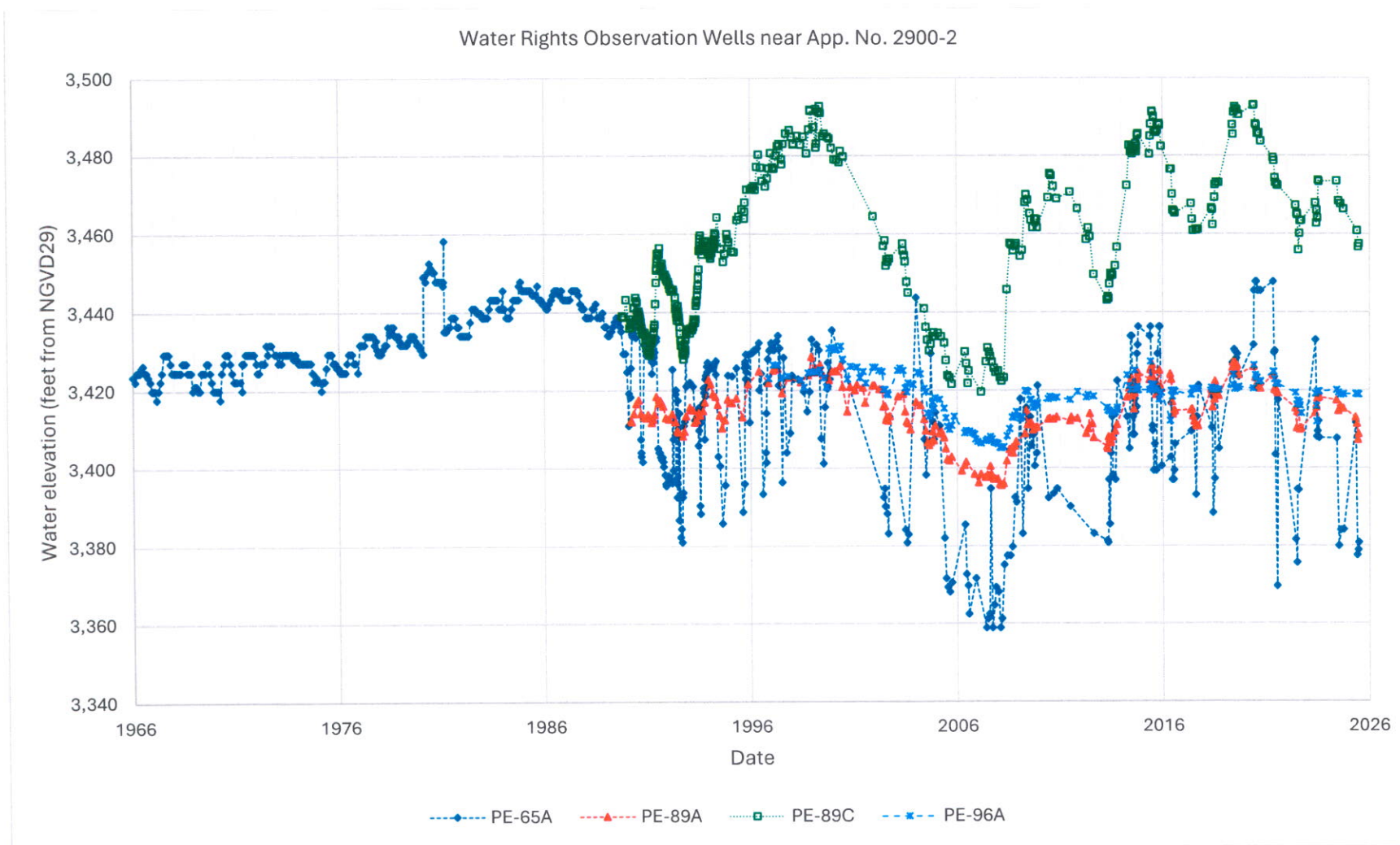


Figure 2: Water elevations from Water Rights observation wells completed into the Madison aquifer near App. No. 2900-2 [20]

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Report on Water Permit App. No. 2900-2

Appendix: Supplementary Tables

Table 5: Estimated withdrawals for permits with irrigation listed as one use

Permit No.	Name/Business	Status	Use Types	Priority	Diversion rate (cfs)	Acres Licensed/ Permitted	Est. Non-irr. Use (ac-ft/yr)	No. Years of Irr. Reports	Average Report (ac-ft)	Est. Avg. Irr. (ac-ft/yr)	Total Est. Withdrawal (ac-ft/yr)
2773-2 ¹	Arrowhead Country Club	Permit	IRR	07/27/2017	1.110	100.00	0	7	0	0	0
1635-1	Black Hills Natl. Cemetery	License	IRR, INS	04/02/1990	0.820	54.50	356	29	95	95	451
1452-1	Black Hills State University	License	IRR, MUN	12/19/1988	3.330	25.44	1,447	36	22	22	1,469
1670-1	Buddy L, Peggy A, Kami S Ireland	License	IRR	06/09/1998	3.610	253.00	0	27	42	42	42
1096A-1 ²	Butte Meade Sanitary Dist	Permit	RWS, IRR	04/16/1976	1.330	0.00	--	1	0	--	964
2458-2	City of Rapid City	License	IRR	03/30/2001	0.800	107.00	0	24	100	100	100
2002-1	City of Spearfish	Permit	IRR	12/28/2020	1.330	40.00	0	4	0	80	80
2313-2	Coca-Cola Bottling	License	IRR, COM	04/08/1994	0.330	3.00	2	30	7	7	9
1899-1	Davis Ranches Inc	License	IRR	08/25/2008	1.430	100.00	0	16	0	0	0
1650-1 ³	Dennis L Miller	License	COM, IRR	04/03/1997	0.890	0.00	--	0	N/A	--	56
2673-2	Diocese of Rapid City	License	IRR	05/27/2011	0.120	7.00	0	12	8	8	8
1009-1	Donald F/Ann J Brady	License	IRR	02/01/1974	0.780	53.73	0	43	29	29	29
1185-1 ⁴		License	IRR, REC, FWP	01/18/1979	0.380	22.52	0	43	116	116	116
2286-2	Donald Konechne	License	IRR	04/28/1993	0.100	38.50	0	31	10	10	10
1707A-1	Elkhorn Ridge @ Frawley Ranches LLC	Permit	IRR, SHD, COM, DOM	01/06/2000	3.705	100.00	90	1	0	0	90
1707E-1		Permit	IRR	01/06/2000	0.000	0.00	0	22	14	14	14
1931-1		License	IRR, COM	08/17/2012	0.170	3.30	74	1	4	7	80
1945-1	Frawley Ranches LLC	Permit	IRR	02/10/2014	1.110	265.00	0	11	55	55	55
1858-1	Glencoe Camp Resort II LLC	License	IRR, COM	03/08/2006	0.860	34.00	374	19	0	0	374
2593-2	Hart Ranch Development	License	IRR, SHD	06/15/2006	0.490	72.50	213	18	34	34	247
1911-2	Hart Ranch Development Co	License	IRR, SHD, REC	09/27/1984	0.880	124.00	383	31	117	117	500
1725-2	Janice R Crowser	License	IRR	08/20/1980	1.070	75.10	0	26	1	1	1
2037-1	Jared & Anna Lukens-Black	Permit	IRR	06/24/2024	0.055	0.60	0	1	0	1	1
2880-2	Jeremiah & Wendy Walla	Permit	IRR	07/24/2024	0.390	23.54	0	1	0	47	47
2012-1	Jesse Horstmann	Permit	IRR	12/23/2021	0.500	43.50	0	3	0	87	87
858-2	John & Heidi McBride	License	IRR	02/05/1965	9.360	655.75	0	43	6	6	6
1885-1	John T & Veronica Widdoss	License	IRR, DOM	04/09/2007	0.110	22.00	36	8	20	44	80
1960-1	One Diamond Inc	License	IRR, COM	04/11/2016	1.280	150.00	29	9	136	300	329
1223-1	P & L Water & Hay LLP	License	IRR	03/10/1981	0.670	263.00	0	43	182	182	182
1923-1	Roger & Jean Ranschau	License	IRR, DOM	02/15/2011	0.110	3.00	48	13	1	1	49
2013-1	Santa Maria Land & Cattle Corp	Permit	IRR	01/18/2022	2.220	460.00	0	2	0	920	920

Report on Water Permit App. No. 2900-2

Permit No.	Name/Business	Status	Use Types	Priority	Diversion rate (cfs)	Acres Licensed/ Permitted	Est. Non-irr. Use (ac-ft/yr)	No. Years of Irr. Reports	Average Report (ac-ft)	Est. Avg. Irr. (ac-ft/yr)	Total Est. Withdrawal (ac-ft/yr)
1363-1	Spearfish Canyon Country Club	License	IRR	09/15/1986	0.900	80.10	0	38	68	68	68
2106-2	Stuart Rice	License	IRR, DOM	06/06/1990	0.080	2.80	35	34	1	1	36
1842-1	Tom C Davis	License	IRR	04/05/2005	0.440	330.00	0	20	0	0	0
2741-2	Tubbs Land & Cattle LLC	Permit	IRR	08/20/2018	3.340	567.00	0	6	304	1,134	1,134
2879-2	Weinreis Brothers	Permit	IRR	05/15/2024	0.500	75.00	0	1	0	150	150
419-2	Wind Cave National Park	License	COM, IRR	12/29/1955	0.150	6.00	65	1	0	12	77
Total	--	--	--	--	44.750	4,160.88	3,152	--	1,370	3,688	7,859
DOM – Domestic, FWP – Fish and Wildlife Production, INS – Institutional, IRR – Irrigation, MUN – Municipal, REC – Recreational, RWS – Rural Water System, SHD – Suburban Housing Development. 1. Indicated use abandoned in 2024 irrigation questionnaire and may be subject to cancellation. 2. Flows continuously, see report. 3. See report. 4. Reports non-irrigation and irrigation use together.											

Report on Water Permit App. No. 2900-2

Table 6: Non-irrigation water right permits required to report to the Chief Engineer

Permit No.	Name/Business	Status	Max. CFS	Volume Limit (ac-ft/yr)	Number of Reports	Average Report (ac-ft)	Est. Avg. Use (ac-ft/yr)
2886-2	Angostura Resort LLC	Permit	0.670	149	0	N/A	149
1928-1	Bear Butte Valley Water Inc	License	0.510	N/A	13	77	77
1997-1		Permit	0.890	200	4	N/A	200
2020-1		Permit	1.400	240	2	N/A	240
1674-1	Black Hawk Water User District	License	1.900	N/A	9	535	826
1991-1		Permit	1.780	760	5	N/A	760
2038-1	Black Hills Experience LLC	Permit	0.111	12	1	0	12
2041-1	Bridger Canyon LLC	Permit	0.340	2	0	N/A	2
2033-1	Butte Meade Sanitary Water District	Permit	2.000	869	1	3	869
2576-2	Canyon Springs Sanitary & Water District	License	0.250	N/A	17	31	31
2812-2		Permit	0.220	25	4	12	25
2005-1	Cedar Berry Canyon LLC	Permit	0.200	28	3	0	28
1987-1	Centennial Vista Estates HOA	License	0.060	11	6	13	11
2031-1	City of Belle Fourche	Permit	2.220	960	1	0	960
2616-2	City of Box Elder	License	1.000	437	17	478	478
2763-2		License	0.910	394	9	0	394
2631-2		Permit	1.000	435	9	0	435
2519-2	City of Rapid City	License	4.120	1,936		N/A	1,936
2520-2		License	1.780	773		N/A	773
2273-2		License	11.060	4,804		N/A	4,804
2275-2		License	3.800	1,651		N/A	1,651
1579-1	City of Spearfish	License	4.450	2,500	13	1747	1,747
1901-1		License	2.670	1,160	13	486	
1955-1		License	1.560	678	9	N/A	678
2029-1		Permit	1.330	426	2	N/A	426
2030-1		Permit	1.780	679	2	N/A	679
1878-1	City of Whitewood	License	0.780	50	17	183	183
2623-2	Colonial Pine Hills Sanitary District	License	0.400	N/A	17	102	102
2607A-2		License	0.510	N/A	17	89	89
2810-2	Croell Inc	License	0.330	25	4	2	25
1998-1	Dakota Cable Solutions Inc	Permit	0.110	40	5	0	40
1825A-1	Diamond D Water Co LLC	License	0.260	N/A	16	48	48
1736-1	Elk Mountain Estates	License	0.189	N/A	18	1	1
2850-2	Elk Mountain Water Users Association Inc	Permit	0.333	145	1	0	145
2629-2	Fall River Water Users District	License	0.720	524	9	256	524
2022-1	Golden Valley Water Company LLC	Permit	1.090	470		N/A	470
1840-1	H2O Clear Solutions LLC	License	0.330	N/A	19	39	39
2044-1		Permit	0.560	270	0	N/A	270
2532-2	Hermosa Water Users Assn	License	1.110	N/A	18	168	168
2040-1	Infinity Properties, LLC.	Permit	0.600	326	1	1	326
1887-1	JKRK Properties LLC	License	0.190	N/A	17	16	16
2025-1		Permit	2.670	450	1	0	450
2018-1	Monarch Ridge Development Inc	Permit	1.110	119	1	0	119
1951-1	No Name City Resort LLC	License	0.022	3	9	1	3
2694-2	Pete Lien & Sons Inc	License	1.560	N/A	12	18	18

Report on Water Permit App. No. 2900-2

Permit No.	Name/Business	Status	Max. CFS	Volume Limit (ac-ft/yr)	Number of Reports	Average Report (ac-ft)	Est. Avg. Use (ac-ft/yr)
2816-2	Pine Grove Community Water Assoc Inc	Permit	0.110	8	4	11	8
2484A-2		License	0.392	N/A			
2027-1	Rae Marie Homes LLC	Permit	0.110	45	2	8	45
2848-2	Rapid Valley Sanitary District - Water Service	Permit	1.560	720		N/A	720
2894-2		Permit	0.670	197		N/A	197
1835-1	Red Water Well LLC	License	0.310	N/A	18	91	91
2016-1	SD Ellsworth Development Authority	Permit	2.670	1,600	1	0	1,600
2527-2	Signature Development Company	License	0.670	300	10	39	39
2633A-2	Southern Black Hills Water System	Permit	0.000	N/A	8	9	0
2633-2		Permit	0.670	484	4	0	484
2377A-2		Permit	0.000	N/A	4	8	0
2895-2	Steve Simunek	Permit	0.110	28	0	N/A	28
2634-2	Streeter Family Limited Partnership	License	0.243	N/A	16	17	17
1910-1	Sturgis Water Dept	License	2.440	1,004	15	787	787
1911-1	Sturgis Water Dept	License	1.670	773	15	N/A	
2034-1	City of Sturgis	Permit	1.000	500		N/A	500
2893-2	Town of Hermosa	Permit	0.960	463	0	N/A	463
1888-1	Valley View Water Association Inc	License	0.190	N/A	17	4	4
1950-1	Wild Turkey Estates HOA	License	0.167	24	9	18	24
1994-1	Wonderland Homes Water & Service Co	Permit	0.670	107	5	58	107
Total	--	--	75.497	27,804	--	5,358	26,343

Table 7: Water distribution systems reporting production to the Drinking Water Program [18]

Name	Reported Use (gpd)	Permit(s)
Hart Ranch Development Co	49,000	1877-2, 1911-2
Highland Hills Water Assoc	3,000	1965-2
Meadow Crest Sanitary District	4,725	2011-1
Mountain Plains 2 Homeowners Assoc	63,000	1599-1
Pleasant Valley Homeowners Assn	5,000	1277-1
Ponderosa Park Dev Assoc	2,325	1925-2
Ponderosa Water & Homeowners Assn	1,875	1852-2
Provo Township	3,150	1850-2
Rimrock Ridge Water Association	12,000	2743-2
Seventy-Six Ranch Estate	2,000	1863-2
Shirt Tail Gulch Homeowners Assn	4,000	1956-1
Valhalla Addition	2,000	1777-1
Westberry Trails Water	15,000	1154-2

Report on Water Permit App. No. 2900-2

Table 8: Water right permits shown in Figure 1 [16]

Township(s)	Range(s)	Section(s)	Permit No.	Name/Business	Priority	Status	Use Type(s)	Max. CFS	Irrigation Acres	Volume (ac-ft/yr)
2N	7E	8	1341-1	Black Hawk Water User District	1985-08-05	License	RWS	1.150	N/A	N/A
2N, 2N, 2N	7E, 7E, 7E	9, 10, 16	2286-2	Donald Konechne	1993-04-28	License	IRR	0.100	38.5	1.5
2N	7E	21	2694-2	Pete Lien & Sons Inc	2012-10-12	License	IND, COM	1.560	N/A	N/A
2N	7E	23	2124-2	City of Rapid City	1990-03-19	License	MUN	1.790	N/A	N/A
2N	7E	29	2673-2	Diocese of Rapid City	2011-05-27	License	IRR	0.120	7.0	N/A
2N	7E	27	2275-2	City of Rapid City	1989-05-18	License	MUN	3.800	N/A	1651.0
2N	7E	27	2313-2	Coca-Cola Bottling	1994-04-08	License	IRR, COM	0.330	3.0	1.5
2N, 2N	7E, 7E	31, 31	1154-2	Westberry Trails Water	1973-09-05	License	SHD	0.250	N/A	N/A
2N, 2N	7E, 7E	31, 31	1852-2	Ponderosa Water & Homeowners Assn	1983-08-03	License	SHD	0.110	N/A	N/A
2N, 1N, 1N	7E, 7E, 7E	32, 3, 10	2273-2	City of Rapid City	1989-05-18	License	MUN	11.060	N/A	4804.0
2N	7E	34	454-2	Black Hills Corporation	1957-04-09	License	IND	1.000	N/A	N/A
2N	8E	34	2763-2	City of Box Elder	2012-10-15	License	MUN	0.910	N/A	394.0
1N	7E	8	2090-2	Chapel Lane Water Co	1989-06-15	License	SHD	0.670	N/A	N/A
1N	7E	18	2743-2	Rimrock Ridge Water Association	1993-06-07	License	SHD	0.090	N/A	N/A
1N	7E	16	2520-2	City of Rapid City	1989-05-18	License	MUN	1.780	N/A	773.0
1N	7E	15	2106-2	Stuart Rice	1990-06-06	License	IRR, DOM	0.080	2.8	N/A
1N	7E	15	2773-2	Arrowhead Country Club	2017-07-27	Permit	IRR	1.110	100.0	7.5
1N	7E	22	2519-2	City of Rapid City	1989-05-18	License	MUN	4.120	N/A	1936.0
1N, 1N	7E, 7E	29, 32	1726-2	Colonial Pine Hills San. Dist.	1980-08-27	License	SHD	0.380	N/A	N/A
1N	7E	29	2458-2	City of Rapid City	2001-03-30	License	IRR	0.800	107.0	15.0
1N	7E	29	2473-2	Cregut Inc	2001-11-15	License	COM	0.040	N/A	N/A
1N	7E	31	1925-2	Ponderosa Park Dev Assoc	1985-04-23	License	SHD	0.033	N/A	N/A
1N	7E	32	1965-2	Highland Hills Water Assoc	1986-05-01	License	SHD	0.056	N/A	N/A
1N	7E	32	2108-2	Colonial Pine Hills San. Dist.	1989-10-02	License	SHD	0.044	N/A	N/A
1N	7E	32	2607A-2	Colonial Pine Hills San. Dist.	2006-12-18	License	SHD	0.510	N/A	N/A
1N	7E	32	2623-2	Colonial Pine Hills San. Dist.	2001-05-03	License	SHD	0.400	N/A	N/A
1N	8E	10	2848-2	Rapid Valley San. Dist. - Water Service	2022-05-10	Permit	RWS	1.560	N/A	720.0
1N	8E	10	2894-2	Rapid Valley San. Dist. - Water Service	2025-05-28	Permit	WDS, RWS	0.670	N/A	197.0
1S	7E	6	2496-2	Spring Canyon Water Co	2002-12-09	License	SHD	0.170	N/A	N/A
1S	7E	5	2053-2	Spring Canyon Water Co	1988-02-18	License	SHD	0.050	N/A	N/A
COM - Commercial, DOM - Domestic, IND - Industrial, IRR - Irrigation, MUN - Municipal, RWS - Rural Water System, SHD - Suburban Housing Development, WDS - Water Distribution System										

Dewell, Amanda

From: rschmidt@rvsd.com
Sent: Tuesday, December 2, 2025 10:06 AM
To: Dewell, Amanda
Subject: RE: [EXT] RVSD FU App

Amanda, here you go, (The nearest Madison Aquifer Well is owned by the City of Box Elder approximately 3.2 miles of this location near Cheyenne Blvd in Box Elder, SD.)
Thanks

***Rusty Schmidt/General Manager
Rapid Valley Sanitary District-Water service
P-605-393-1050/F-605-393-1051
Rschmidt@rvsd.com***



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From: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Sent: Tuesday, December 2, 2025 8:19 AM
To: rschmidt@rvsd.com
Subject: RVSD FU App

Rusty, I'm reviewing the Future Use application submitted for RVSD and noticed that the text box (7) cut off some of the contents. Can you tell me what the missing text said?

Thank you,

Amanda Dewell
DANR - Water Rights Program
Permitting Administrator

Main Phone: 605 773-3352

Website: danr.sd.gov



Rodriguez, Rachel

From: rschmidt@rvsd.com
Sent: Wednesday, November 12, 2025 4:52 PM
To: Rodriguez, Rachel
Cc: water@rvsd.com
Subject: RE: [EXT] Water Permit Application
Attachments: future water use map.pdf

Rachel, see attached map and we will get the check sent for the future use fees.
Thanks

***Rusty Schmidt/General Manager
Rapid Valley Sanitary District-Water service
P-605-393-1050/F-605-393-1051
Rschmidt@rvsd.com***



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From: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Sent: Wednesday, November 12, 2025 12:09 PM
To: rusty schmidt <rschmidt@rvsd.com>
Subject: Water Permit Application

Good Afternoon Rusty,

I am in receipt of the application you submitted online. I've attached a map for your convenience, please outline the Lot3R1 – Houks Sub written for the diversion location. The fee for this future use application is \$135.00. Once I receive the map and fee, I will begin processing your application.

Thank you,

Rachel Rodriguez



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

**NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.**

February 17, 2026

Rapid Valley Sanitary District – Water Service
c/o Rusty Schmidt
4611 Teak Drive
Rapid City SD 57703

Dear Mr. Schmidt:

Water Permit Application No. 2900-2 has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Rapid City Journal printed in Rapid City SD (see the Column email sent from the newspaper). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Acting Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization from you, the publisher has been instructed to publish your notice. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Rachel Rodriguez

Rachel Rodriguez
Water Rights Program
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Acting Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

NOTICE OF APPLICATION NO. 2900-2 to Appropriate and Reserve Water for Future Use

Notice is given that Rapid Valley Sanitary District – Water Service, 4611 Teak Drive, Rapid City SD 57703, has filed an application for a future use water permit to appropriate and reserve 932 acre-feet of water annually from the Madison Aquifer. The area to be reserved for future use is located southeast of the city limits of Rapid City, in the NE 1/4 NW 1/4 Section 15-T1N-R8E (Lot 3R1 Revised, Houks Subdivision). The water is to be reserved as a future use water supply for municipal use by the Rapid Valley Sanitary District, serving customers in Pennington County. If approved, this application does not authorize construction of works or placement of water to beneficial use.

Pursuant to SDCL 46-2A-2, the Acting Chief Engineer recommends APPROVAL of Application No. 2900-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) Rapid Valley Sanitary District has demonstrated a reasonable need for the water reserved, 3) the proposed use is a beneficial use and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Acting Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.sd.gov/public> or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Acting Chief Engineer. A petition opposing the application shall be filed on a form provided by the Acting Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Acting Chief Engineer. The Acting Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501" or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Acting Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 9, 2026.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Acting Chief Engineer. The comment shall be filed on a form provided by the Acting Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Acting Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 9, 2026.

If the applicant does not contest the recommendation of the Acting Chief Engineer and no petition to oppose the application is received, the Acting Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published once at the total approximate cost of_

Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Tuesday, February 17, 2026 8:30 AM
To: RCY Legals
Subject: 2900-2 Rapid Valley Sanitary District - Public Notice
Attachments: 2900-2 public.short_final.docx; FORM8.FRM.doc

Attached is a notice to be published on February 26, 2026.

Rapid Valley Sanitary District – Water Service, c/o Rusty Schmidt, 4611 Teak Drive, Rapid City SD 57703, 605-393-1050, rschmidt@rvsd.com has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP to the Water Rights Program, Attn Rachel Rodriguez, 523 E Capitol Ave, Pierre SD 57501.

Let me know if you have questions. Please confirm receipt of this email.

Thank you,

Rachel Rodriguez
DANR | Program Assistant
Rachel.Rodriguez@state.sd.us



AFFIDAVIT OF PUBLICATION

Rapid Valley Sanitary District

State of Florida, County of Orange, ss:

I, Edmar Corachia, of lawful age, being duly sworn upon oath depose and say that I am an agent of Column Software, PBC, duly appointed and authorized agent of the Publisher of The Rapid City Journal, a corporation of Rapid City, South Dakota, a legal and daily newspaper printed and published in Rapid City, in said County of Pennington, and has full and personal knowledge of all the facts herein stated as follows: that said newspaper is and at all of the times herein mentioned has been a legal and daily newspaper with a bonafide paid circulation of at least Two Hundred copies daily, and has been printed and published for at least one year prior to the first date of the published notice. This affidavit is a true and corrected copy of notice which appeared in said newspaper on the following dates.

Publication Dates:

- Feb 26, 2026

NOTICE ID: k4sp5h0ameoPCIGG5uK9

NOTICE NAME: 2900-2 Rapid Valley Sanitary District

TOTAL AD COST: \$81.81

Edmar Corachia

Agent

VERIFICATION

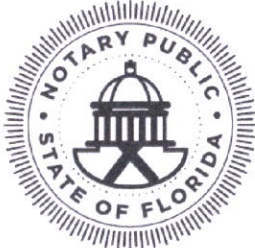
State of Florida
County of Orange

Signed or attested before me on this: 02/26/2026



Notary Public

Notarized remotely online using communication technology via Proof.



PAMELA BAEZ
Notary Public - State of Florida
Commission # HH 732409
Expires on October 19, 2029

NOTICE OF APPLICATION
NO. 2900-2 to Appropriate and Reserve Water for Future Use
Notice is given that Rapid Valley Sanitary District - Water Service, 4611 Teak Drive, Rapid City SD 57703, has filed an application for a future use water permit to appropriate and reserve 932 acre-feet of water annually from the Madison Aquifer. The area to be reserved for future use is located southeast of the city limits of Rapid City, in the NE 1/4 NW 1/4 Section 15-T1N-R8E (Lot 3R1 Revised, Houks Subdivision). The water is to be reserved as a future use water supply for municipal use by the Rapid Valley Sanitary District, serving customers in Pennington County. If approved, this application does not authorize construction of works or placement of water to beneficial use. Pursuant to SDCL 46-2A-2, the Acting Chief Engineer recommends APPROVAL of Application No. 2900-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) Rapid Valley Sanitary District has demonstrated a reasonable need for the water reserved, 3) the proposed use is a beneficial use and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Acting Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.sd.gov/public> or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Acting Chief Engineer. A petition opposing the application shall be filed on a form provided by the Acting Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Acting Chief Engineer. The Acting Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501" or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Acting Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by March 9, 2026. The petition shall include a statement describing the unique injury upon approval of the appli-

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application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Acting Chief Engineer. The comment shall be filed on a form provided by the Acting Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Acting Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by March 9, 2026.

If the applicant does not contest the recommendation of the Acting Chief Engineer and no petition to oppose the application is received, the Acting Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

(Published February 26, 2026 for a total approximate cost of \$81.81 and may be viewed for free at www.sdpublicnotices.com)
Legal No: COL-SD-4219

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Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Tuesday, February 17, 2026 8:44 AM
To: rusty schmidt
Subject: 2900-2 Rapid Valley Sanitary District - Public Notice
Attachments: 2900-2 Rec.pdf; 2900-2 Ltr.pdf; 2900-2 PubNotice.pdf

Good morning,

Attached is a copy of the report, acting chief engineer's recommendation, and information regarding the public notice for your water permit application. You should receive an email directly from the Rapid City Journal, they use an online portal called Column. This information is also being mailed to you today.

Let me know if you have questions. Please confirm receipt of this email.

Thank you,

Rachel Rodriguez
DANR | Program Assistant
Rachel.Rodriguez@state.sd.us





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

June 15, 2026

Rapid Valley Sanitary District – Water Service
c/o Rusty Schmidt
4611 Teak Drive
Rapid City SD 57703

Dear Mr. Schmidt:

Enclosed is Future Use Permit No. 2900-2 as approved by the Water Management Board.

When plans for facilities are prepared to construct and place to beneficial use any portion of the water reserved by this future use permit, an application for such facilities and water use shall be submitted to this office for review, and approval before construction is initiated.

Sincerely,

Adam Mathiowetz, PE
Acting Chief Engineer
Water Rights Program

enclosure



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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PIERRE SD 57501-3182
danr.sd.gov

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

**Affidavit of Public Notice
Posting on DANR Website**

Pursuant to SDCL § 46-2A-4, public notice of the following application was posted on the DANR web site at <https://danr.sd.gov/public>. The posted public notice is the same notice as published in the pertinent newspaper(s) and a copy of the public notice is maintained in the application file. If the application is contested, the posting is moved to the DANR contested case website at <https://danr.sd.gov/public/ContestedCase.aspx> until final action is taken on the application pursuant to SDCL § 46-2A-4.

Application No.: 2900-2

Name of Applicant: Rapid Valley Sanitary District - Water Service, Rusty Schmidt

Date of Posting: 2/23/2026

Date of Removal: 6/15/2026


Amanda Dewell, Permitting Administrator

6/15/2026

Date

Subscribed and sworn to before me, a notary public, this 15th day of June, 2026.


Notary Public - South Dakota

My commission expires:

Rachel Rodriguez
My Commission Expires
May 18, 2029

(SEAL)

