

WATER PERMIT NO. 7421-3

Name of Applicant: Valley View Farms, Inc.

Address: 45802 177th St, Watertown SD 57201

Phone: 605 886-8961

Amount of Water Claimed: 2.0 cfs

Total Acres: 156 acres

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation

County: Codington

Type of Waste Disposal System:

Location: 5 miles southwest of Watertown

PRIORITY

Date Received: 8-29-12

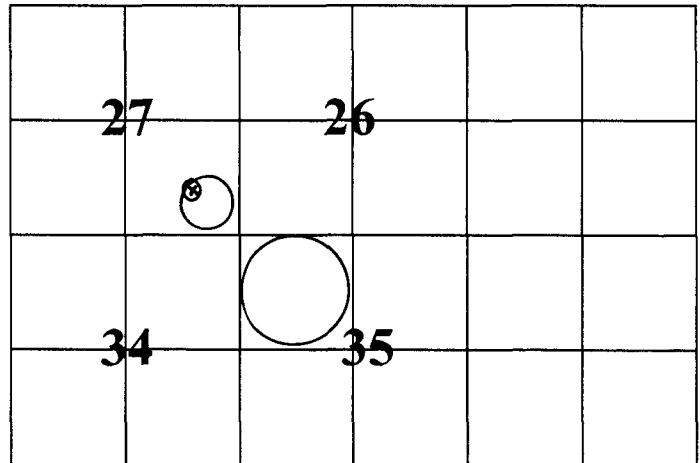
Application/License Fee: \$ 1,050

Corrected Application Received: 9/11/12 Period of Annual Use: June 1 – August 31

Remarks:

Diversion Point: SE 1/4 SE 1/4 Sec 27-T116N-R52W

Land to be Irrigated: NW 1/4 Sec 35 and SE 1/4
SE 1/4 Sec 27; all in T116N-R52W



Depth of Well: 50 feet

Well Driller: Lee Well Drilling

Remarks:

Type of Map: aerial

Prepared by: Jim Dylle, NRCS

Reviewed and the Number Assigned on: 9-10-12

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

FORM 2: Application for Irrigation in South Dakota
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>7421-3</u> (office use only)	Hydrologic Unit <u>10170202</u>
	Basin <u>Liax River</u>	
	Newspaper <u>Public Opinion P.O. Box 10 Watertown</u>	
	<u>605-886-6901 5201</u>	

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AUG 29 2012
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Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ **New** ☐ **Vested Right** ☐ **Amendment/Correction to Permit No.** _____
 (Use predates Mar 2, 1955)

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

Add diversion point

- Name of Applicant Valley View Farms Inc. Tom Reichling Phone (605) 886-8961
 (check one) ☒ Owner ☐ Tenant/lessee
 Mailing Address 45802 177th St. Watertown State SD 57201
 (Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 2.0 *CFS or 900 **GPM ***AF Total Acreage 156
 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 1 well in
SE1/4 SE1/4 Section 27-116N-52W
W County Codington
- County or counties where water will be used Codington
- Annual period during which water is to be used June 1 - August 31
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
 (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NW1/4-section 35-116N-52W	130	<32.5 acres per quarter quarter	
SE1/4 SE1/4-section 27-116N-52W	26		

8. Give a description of the project. (Attach sheet if more space is needed)

See Attachment, see page two, adding two pivot irrigation systems

STATE OF SOUTH DAKOTA) SS

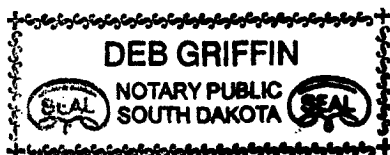
County of Codington

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Tom Reichling, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature Tom Reichling

Subscribed and sworn to before me this 29 day of August 20 12



Deb Griffin
 Notary Public signature

4-28-2017

**SOUTH DAKOTA
WATER PERMIT NO. 7421-3**

Date of first receipt of application August 29, 2012.

Date of return to applicant for corrections, amendments or changes September 4, 2012.

Date of receipt of corrected application September 11, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7421-3 to Valley View Farms Inc., c/o Tom Reichling, 45802 177th St, Watertown SD 57201 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 7421-3 appropriates 2.0 cubic feet of water per second from one well to be completed into the Big Sioux:North Aquifer (50 feet deep) located in SE 1/4 SE 1/4 Section 27 for irrigation of 156 acres located in the NW 1/4 Section 35 and SE 1/4 SE 1/4 Section 27; all in T116N-R52W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – August 31.
3. The date from which applicant may claim right is August 29, 2012
4. The date of approval of Permit No. 7421-3 is December 3, 2012.
5. One-fifth of the construction is to be completed on or before June 3, 2015.
6. All construction is to be completed on or before December 3, 2017.
7. Water is to be put to beneficial use on or before December 3, 2021.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his 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 well authorized by Permit No. 7421-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall 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.

WATER MANAGEMENT BOARD

By: Garland Erbele

Garland Erbele, Chief Engineer

Water Rights Program

Department of Environment and Natural Resources

JAN 07 2013

date



Form 2A

(Complete applicable portions only)

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 12 Depth 50 ft
- b) Casing Type PVC Diameter 12 Thickness SDR-21
- c) Screen Type S.S Diameter 12 Thickness _____
- d) Gravel Pack yes Length of Gravel Pack 25 ft
- e) Depth to Top of Water Bearing Material 20 ft
- f) Depth to Water (ground surface to water level) 15 ft
- g) Distance to nearest existing domestic well:

On applicants property yes

On property owned by others _____

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System _____

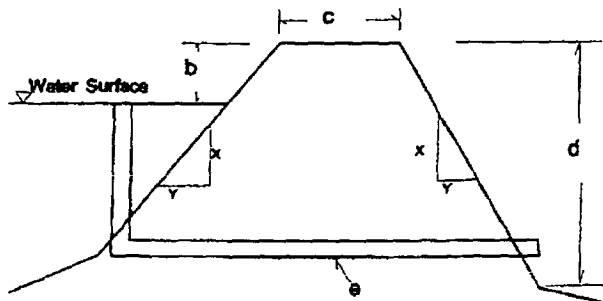
3. Dugout Information

- 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 _____
 Upstream _____
 Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

T Reichling

1 Pivot = Flex Point
 180.0 | 7K-8K Span
 180.0 | 7K-8K Span
 180.0 | 7K-8K Span
 180.0 | ALL Span
 180.0 | ALL Span
 180.0 | ALL Span
 180.0 | ALL Span
 180.0 | ALL Span
 63.6 | 7K-8K Overhang
 110 | SR100 EndGun
 Total : 1294.6 ft
 Irrigated Area : 130.3 ac

Total: 3,320.9 ft

TRANSFORM WELL
 SMALL CENTER



Scale 1 : 8,000
 1" = 666.7 ft Data Zc

Data use subject to license.
 © Delorme, XMap® 7.
 www.delorme.com

Valley View Farms Inc.
 by Tom Reddy Pres.

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United States Department of Agriculture
Farm Service Agency

June 15, 2012

PLSS: 26_116N_52W
Farm: 5872

Codington County

1:8,854

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SEP 11 2012
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Wetland Determination Identifiers

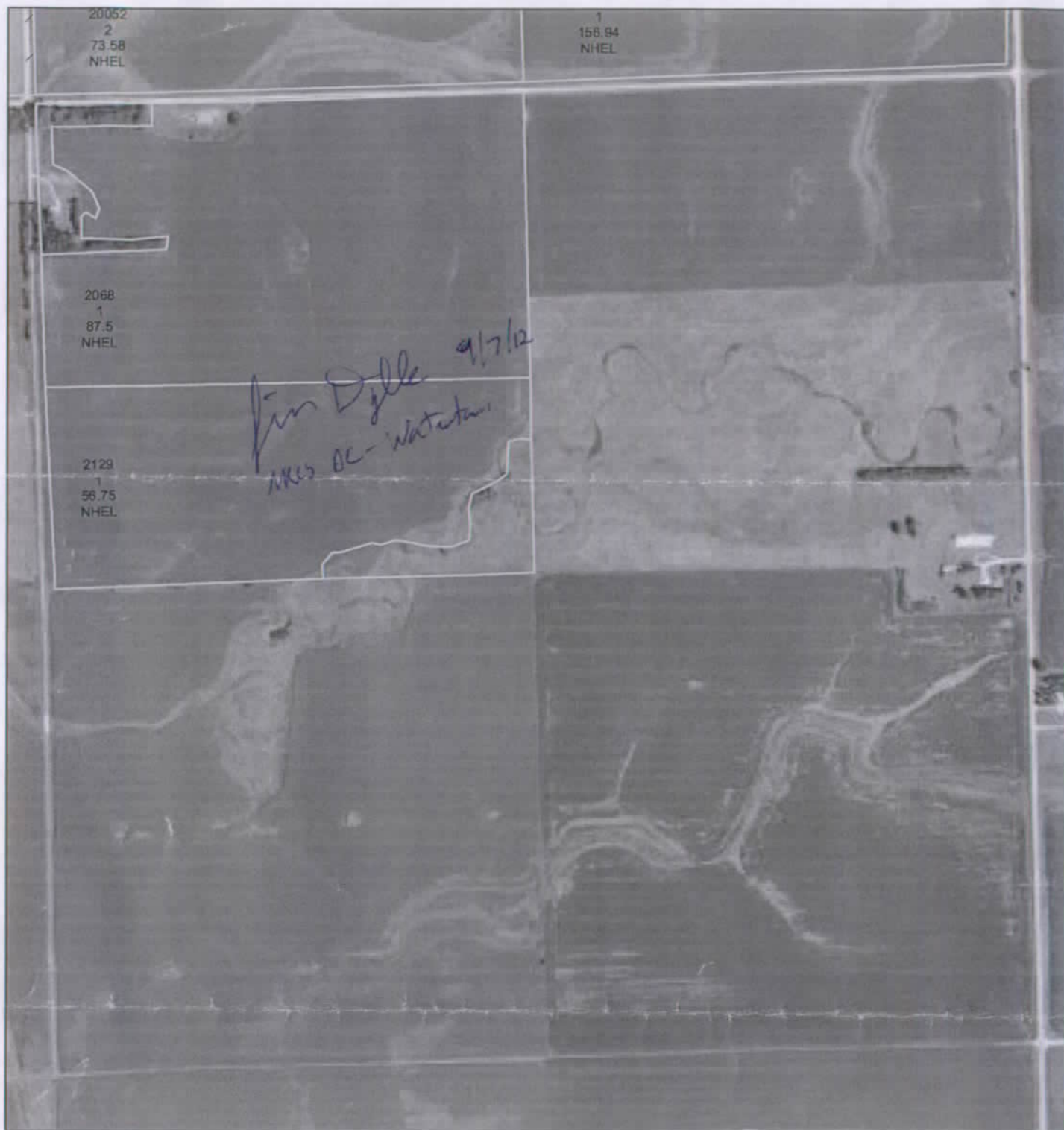
- Restricted Use
- ▨ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

□ Common Land Units

▨ Non Cropland

2010 Ortho-Photography - Not to Scale



United States Department of Agriculture
Farm Service Agency

June 15, 2012

PLSS: 35_116N_52W
Farm: 5872

Codington County

1:8,784

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Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

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Wetland Determination Identifiers

- Restricted Use
- ▤ Limited Restrictions
- ▦ Exempt from Conservation Compliance Provisions

Common Land Units

Non Cropland

2010 Ortho-Photography - Not to Scale



United States Department of Agriculture
Farm Service Agency

June 15, 2012

PLSS: 27_116N_52W
Farm: 5872

Codington County

1:8,815

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Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

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2010 Ortho-Photography - Not to Scale

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

□ Common Land Units

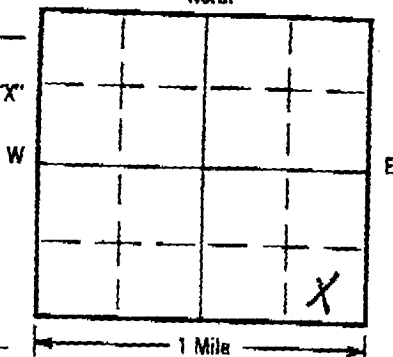
▨ Non Cropland

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

 Location SE 1/4 SE 1/4 Sec. 27 Twp 116-N Rg 52-W
 County Codington North

Please mark well location with an "X"



Well Completion Date

8/23/12

LOCATION:

 Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 800 ft. from Barn (identify source).

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Forward RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>SDR21 LB/FT</u>	<u>6 IN</u>	<u>0 FT</u>	<u>37 FT</u>	<u>10 IN</u>
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Neat Cement</u>	_____	<u>15 lb./gal</u>	<u>7 ft</u>	<u>30 ft</u>
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure Pressure Grout w/telemix pipeSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 6 IN Length 12 FEETMaterial PVCSlot Size 50 Set From 37 Feet to 49 Feet

Other information _____

Well Owner: Tom ReichlingBusiness Name: Valley View Farms Inc.Address: 17660 458th
Watertown, SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>topsoil</u> <u>Dark</u>	<u>0</u>	<u>2</u>
<u>Gravel</u> <u>Yellow</u>	<u>2</u>	<u>18</u>
<u>clay</u> <u>yellow</u>	<u>18</u>	<u>19</u>
<u>Sand</u> <u>18 1/2" yellow</u>	<u>19</u>	<u>22</u>
<u>clay</u> <u>yellow</u>	<u>22</u>	<u>24</u>
<u>Sand</u> <u>18 1/2" coarse</u>	<u>24</u>	<u>34</u>
<u>Sand</u> <u>coarse</u>	<u>34</u>	<u>49</u>
<u>clay</u> <u>Blue</u>	<u>49</u>	

STATIC WATER LEVEL 15 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ PumpedDescribe: Centrifugal Pump☐ Bailed☐ Other

Pumping Level Below Land Surface

17 ft. After 2 Hrs. pumped 40 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

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This well was drilled under license # 63

And this report is true and accurate.

Drilling firm Lee Well Drilling Inc.Signature of License Representative: [Signature]

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: Chlorine☐ NO, Why Not? Solution

Laboratory sent to for water quality analysis

Customer

RECEIPT
WATER RIGHTS PROGRAM
South Dakota Department of Environment and Natural Resources

Date 9/4, 20 12

RECEIVED OF Valley View Farms Inc 45802 177th St Watertown SD 57201

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

Fee for Application for Permit No. <u>7421-3</u> to Appropriate Water, to construct and to put water to beneficial use	850	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
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. <u>7421-3</u>	200	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	1050 00

No. **05555**

By *Leland Schulte*
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

September 4, 2012

Valley View Farms Inc.
c/o Tom Reichling
45802 177th St
Watertown SD 57201

Dear Mr. Reichling:

Thank you for submitting the *Application for a Permit to Appropriate Water* for irrigation.
In order to complete the application, the following is required.

- Enclosed is the map submitted with the application. The map needs to reference a section corner, township and range.
- Also, the map needs to be signed by one of the following: Registered Land Surveyor, Registered Professional Engineer or by any other government employee who normally prepares maps as a part of his assigned duties (i.e. local NRCS office).
- If available, please submit a well log or test hole log signed by a licensed South Dakota well driller.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

enclosure



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7421-3, Valley View Farms, Inc.**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 7421-3, Valley View Farms, Inc., c/o Tom Reichling, 45802 177th Street, Watertown SD 57201.

The Chief Engineer is recommending APPROVAL of Application No. 7421-3 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 rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his 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 well authorized by Permit No. 7421-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall 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.

Garland Erbele, Chief Engineer
November 13, 2012

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO.7421-3
VALLEY VIEW FARMS, INC.
NOVEMBER 9, 2012

Water Permit Application No. 7421-3 proposes to appropriate up to 312 acre-feet annually at a maximum diversion rate of 2.0 cubic feet of water per second (cfs) from one well to be completed in to the Big Sioux: North aquifer. The well is expected to be approximately 50 feet deep and is to be located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 27, T116N-R52W. This permit application proposes to irrigate 156 acres located in the NW $\frac{1}{4}$ Section 35 and SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 27, all in T92N-R52W in Codington County.

AQUIFER: North management unit of the Big Sioux aquifer (BS: N)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The North management unit of the Big Sioux aquifer is an alluvium mantled, surficial outwash deposit located primarily in the flood plain of the Big Sioux River (Hansen, 1990). The Big Sioux: North aquifer is generally under unconfined conditions with water movement to the south and toward the Big Sioux River. The aquifer is hydraulically connected to Lake Kampeska, Pelican Lake, Still Lake and the Big Sioux River (Putnam and Thompson, 1996). The aquifer underlies approximately 83,500 acres of Codington, Grant, Hamlin, and Roberts Counties and contains approximately 187,880 ac-ft of recoverable water in storage (Hedges et. al, 1982). The Big Sioux: North can range from 2-54 feet thick and is generally encountered less than 50 feet below ground surface (Putnam and Thompson, 1996). According to the well log provided with the application the Big Sioux: North was first encountered at 19 feet below land surface and continued to 49 feet below land surface with a static water level of 15 feet. A portion of of the Big Sioux: North aquifer, 12,500 acres, plus the drainage above the area reserved for future use by Future Use Permit No. 5862-3 was determined to be fully appropriated. Water permits approved for the area have been approved as temporary use permits pursuant to SDCL 46-5-39. The fully appropriated portion of the aquifer is 11 miles north of the well location proposed by this permit application.

SDCL 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is reasonable probability that there is unappropriated water available for the applicant's proposed use, the proposed diversion can be developed without unlawful impairment of existing rights and the proposed use is a beneficial use and in the public interest. This report will address the availability of unappropriated water and existing rights from the aquifer.

WATER AVAILABILITY:

This application proposes to appropriate up to 312 acre-feet annually from the Big Sioux: North aquifer. Although the actual water use if this application is approved will most likely be less than 312 acre-feet/year. The probability of unappropriated water available from an aquifer can be evaluated by considering SDCL 46-6-3.1 which requires "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 water to the groundwater source.

Recharge versus Withdrawals:

Recharge:

Recharge to the Big Sioux: North occurs through infiltration and subsequent percolation of precipitation where the aquifer is near land surface. Due to the hydraulic connection between the aquifer and some area lakes and the Big Sioux River, recharge can be provided to the aquifer during times of high flow and stage. Hedges and others (1985) stated “the calculated recharge rates range from 2.7 to 6.9 inches per year if flow-net analysis is ignored.” Hansen (1990) estimated the recharge rate to the Big Sioux aquifer to be 4-10 inches per year (in/yr). Putnam and Thompson (1996) estimated the recharge rate to be between 2.9-5.8 in/yr and 5.53 in/yr was used for the purpose of computer modeling under steady state conditions. The average annual recharge, using Putnam and Thompson’s (1996) recharge rate, to the North management unit of the Big Sioux aquifer is 38,480 ac-ft/yr.

It is important to note that not all of the recharge or recoverable water in storage in the aquifer is available for every diversion point. Putnam and Thompson’s (1996) computer model suggested that some high capacity wells would be seriously impacted during dry conditions. The model suggests “The Big Sioux aquifer probably is unable to support extensive irrigation during dry periods such as those that occurred during 1980 and 1981 or in 1976” (Putnam and Thompson, 1996).

Withdrawals:

There are 85 water rights/permits appropriating water from the Big Sioux: North aquifer and three future use permits on record with the DENR-Water Rights Program. The non-irrigation appropriations include 16 for municipal use, 11 for commercial use, five for industrial use, two for rural water system use, and one for use by a suburban housing development (Water Rights, 2012b). Water Right No. 5158-3, Sioux Rural Water System, has not been used since 1998. The well field has “basically been abandoned” because of water quality issues (Buhler, 2012). The future use permits are all for municipal use and reserve a total of 3,469 ac-ft of water annually for the City of Watertown. The estimated annual water use by the non-irrigation appropriations, not including Clark Rural Water System, Sioux Rural Water System and the City of Watertown is 2,864 ac-ft per year (Water Rights, 2012b). This estimate is based on pumping at the maximum allowed diversion rate for 60 percent of the time. Reported water use from the Big Sioux: North for the City of Watertown and the Clark RWS is shown in table 1 and annual withdrawals for irrigation as reported to the DENR-Water Rights Program through irrigation questionnaires is shown in table 2.

Reported Pumpage From the BS:N for Municipal and RWS Use (ac-ft/yr)		
	Watertown₁	Clark RWS₂
2011	3864.04	143
2010	3947.15	143
2009	3735.26	164
2008	3984.15	127
2007	4062.46	44
2006	2960.86	N/A
2005	2391.83	N/A
2004	2125.66	N/A
Avg.	3383.93	124.2
₁ (Deville)		
₂ (Water Rights, 2008-2012)		

Table 1- Reported water use from the Big Sioux: North aquifer; modified from Buhler (2012).

Year	Appropriation (ac-ft/yr)	Pumpage Reported (ac-ft/yr)
2011	16208.5	2147..88
2010	16208.5	2421.27
2009	15948.5	1773.51
2008	15498.5	2743.94
2007	14584.5	3308.79
2006	15134.5	4285.97
2005	15250.5	2886.70
2004	14673.5	2448.79
2003	14113.5	3662.11
2002	14129.5	2835.49
2001	14116.0	2558.91
2000	14116.0	3013.88
1999	14047.6	2593.10
1998	14117.8	1702.52
1997	13612.8	1656.00
1996	13472.8	1497.96
1995	14136.8	1186.68
1994	14151.8	1192.95
1993	14445.8	865.50
1992	14311.8	1325.70
1991	17240.0	1659.00
1990	22492.8	2520.10
1989	21096.8	2686.60
1988	19564.8	2740.40
1987	19564.8	1929.40
1986	19564.8	1079.10
1985	19659.0	1419.70
1984	21936.3	1684.50
1983	21141.0	1110.45
1982	20187.0	1384.05
1981	20814.0	1067.00
1980	20598.0	888.00
1979	20598.0	912.00
Min	13472.8	865.50
Max	22492.8	4285.97
Avg	16870.8	2032.50

Table 2- Irrigation water withdrawal from the Big Sioux: North aquifer (Water Rights, 1979-2012).

Total estimated average annual withdrawal, including estimated non-irrigation use, is 8,404.63 ac-ft/yr. Comparing the estimated average annual withdrawal plus water reserved by the future use permits, 11,873.63 ac-ft/yr, to estimated average annual recharge, 38,780 ac-ft/yr, there is a reasonable probability that there is unappropriated water available from the North management unit of the Big Sioux aquifer.

Observation Well Data:

Administrative Rule of South Dakota Section 74:02:05:07 requires that “the Water Management Board shall rely upon the record of observation well measurements to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated average annual recharge of the aquifer.”

The DENR-Water Rights Program monitors 27 observation wells completed into the Big Sioux: North aquifer (Water Rights, 2012a). The nearest of the observation well, CD-57B, is 1.1 miles northwest of the proposed well location. The water level in the observation well shows good response to climatic conditions. In general, the hydrograph of the observation well documents that there is more water in storage now than in the past. The water level rises (recharge) during wet years and gradually declines during dry years. The observation well shows the effects of pumping, but it does not appear to be adverse over the period of record. The climatic effects on water level greatly mask the temporal impacts of well withdrawal. Therefore, recharge to and natural discharge from the Big Sioux: North aquifer significantly exceeds pumping. Figure 1 shows the hydrograph for CD-57B.

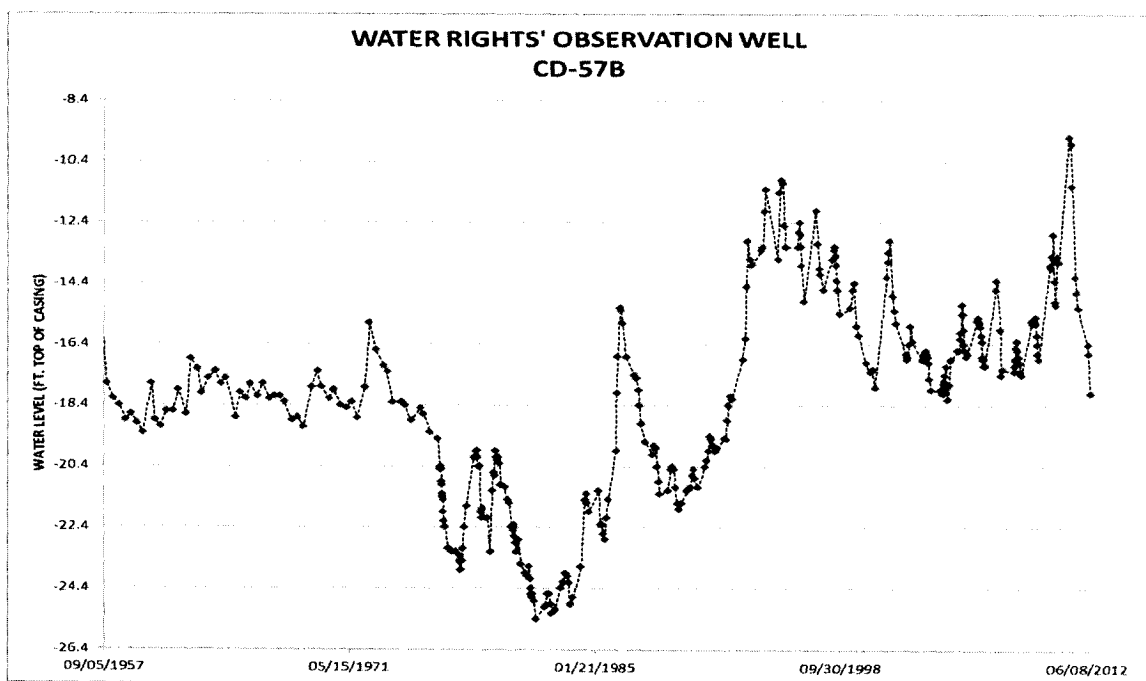


Figure 1- Hydrograph of DENR-Water Rights' observation well CD-57B (Water Rights, 2012a)

EXISTING WATER RIGHTS:

There are four water rights/permits authorizing wells and eight domestic wells within two miles of the proposed well location. Table 3 shows the water rights/permits within two miles of the proposed well location (Water Rights, 2012b).

PERMIT NO.	NAME	STATUS	TYPE	# of Wells	CFS	ACRES
2615A-3	Robert L Endres	LC	IRR	2	1.67	136
5562-3	Robert L Endres	LC	IRR	2	1.66	136
7012-3	Sioux River Dairy Inc	PE	COM	2	0.089	N/A
7129-3	Gordon Little	PE	IRR	3	1.78	140

PE = Water Permit, IRR = Irrigation, COM = Commercial, N/A = Not Applicable

Table 3 – Water Rights from the Big Sioux: North aquifer within 2 miles of the proposed well location (Water Rights, 2012b)

Since the North management unit of the Big Sioux aquifer is under unconfined conditions, drawdown created by pumping 2.0 cfs from one well is not expected to be significant very far from the production well. The nearest well belongs to the applicant and is 850 feet away. The nearest wells not belonging to the applicant are two domestic wells, 1850 feet away, and irrigation wells for Water Permit No. 7012, 1950 feet away. The minimal drawdown and interference from pumping production wells and domestic wells is clearly shown in figure 1, the hydrograph for CD-57B. The observation well is within one half mile of several irrigation and domestic wells. Therefore there is a reasonable probability that the diversion proposed by this application can be made without impairing existing water rights/permits and domestic users.

CONCLUSIONS:

1. This application proposes to appropriate 312 acre-feet of water annually for the irrigation of 156 acres at a maximum diversion rate of 2.0 cubic feet per second from the Big Sioux: North aquifer.
2. There is a reasonable probability that unappropriated water is available from the Big Sioux: North aquifer to supply this proposed diversion.
3. There is a reasonable probability that the diversion requested by this application can be made without adversely affecting existing water rights and domestic users.



Adam Mathiowetz
SD DENR-Water Rights Program

REFERENCES:

- Buhler, K. 2012. Report on Water Permit Application No. 7328-3, Marvin Amdahl. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Hansen, D.S. 1990. Water resource of Codington and Grant Counties, South Dakota: U.S. geological Survey Water-Resources Investigations Report 89-4147. U.S. Geological Survey, Huron, SD.
- Hedges, L.S., S.L. Burch, D.L. Iles, R.A. Barari, and R.A. Schoon. 1982. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, Final Report. U.S. Army Corps of Engineers Contract DACW 45-80-C-0185.
- Hedges, L.S. J. Allen, and D.E. Holly. 1985. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 7: Ground Water Recharge. South Dakota DENR-Geological Survey, Vermillion, SD.
- Putnam, L.D. and R.C. Thompson. 1996. Appraisal of the Water Resources of the Big Sioux aquifer, Codington and Grant Counties, South Dakota: U.S. Geological Survey Water Resources Investigations No. 96-4275. U.S. Geological Survey, Huron, SD.
- Water Rights. 1979-2012. "1979-2011 Irrigation Summaries by Aquifer": SD DENR-Water Rights Program, Joe Foss Building, Pierre, SD.
- Water Rights. 2012a. Observation Well Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- Water Rights. 2012b. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.

RECEIVED

NOV 28 2012

WATER RIGHTS
PROGRAM

Form 8

**DEPARTMENT
OF ENVIRON-
MENT AND
NATURAL
RESOURCES**

**NOTICE OF APPLICATION
NO. 7421-3 to**

Appropriate Water

Notice is given that Valley View Farms, Inc. c/o Tom Reichling, 45802 177th St, Watertown SD 57201 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one well to be completed into the Big Sioux North Aquifer (50 feet deep) located in SE 1/4 SE 1/4 Section 27 for irrigation of 156 acres located in the NW 1/4 Section 35 and SE 1/4 SE 1/4 Section 27; all in T116N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends **APPROVAL** of Application No. 7421-3 because 1) unappropriated water is available, 2) existing

rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. 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.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by December 3, 2012.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at the approximate cost of \$53.75. (November 21, 2012)

All legal notices in the Public Opinion and other South Dakota newspapers can be found at
www.sdpublicnotices.com

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
County of Codington)

I, Monica K. Saathoff

certify that the attached printed Notice was taken

from the Watertown Public Opinion

printed and published in Watertown

County of Codington and

state of South Dakota. The notice was published

in the newspaper on the following date:

November 21st, 2012

Cost of Printing 53.37

Monica Saathoff
(Signature)

Bookkeeper

(Title)

November 21st, 2012

(Date Signed)



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

November 13, 2012

Public Opinion
PO Box 10
Watertown SD 57201

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7421-3 to Appropriate Water. Please publish the notice once on November 21, 2012. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published and arrange for payment. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Valley View Farms, Inc., c/o Thomas Reichling, 45802 177th St., Watertown SD 57201 (Ph # 605-886-8961).

Please send the Water Rights Program an affidavit or the enclosed Proof of Publication form immediately.

The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATE, CONTACT
THE NEWSPAPER(S) RIGHT AWAY.

November 13, 2012

Valley View Farms Inc
Thomas Reichling
45802 177th St
Watertown SD 57201

Dear Mr. Reichling:

Water Permit Application No. 7421-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Public Opinion printed at Watertown SD (Ph # 605-886-6901). You will need to contact the newspaper(s) and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the 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(s) to authorize publication of your Notice and to arrange for payment. Early contact with the paper(s) 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,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the 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.

Instruction to Newspaper - Publish the Notice on November 21, 2012. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 7421-3 to Appropriate Water

Notice is given that Valley View Farms, Inc. c/o Tom Reichling, 45802 177th St, Watertown SD 57201 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one well to be completed into the Big Sioux:North Aquifer (50 feet deep) located in SE 1/4 SE 1/4 Section 27 for irrigation of 156 acres located in the NW 1/4 Section 35 and SE 1/4 SE 1/4 Section 27; all in T116N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7421-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. 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.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by December 3, 2012.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
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PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

JAN 07 2010

Valley View Farms Inc
Tom Reichling
45802 177th St
Watertown SD 57201

Dear Mr. Reichling:

Enclosed is Water Permit No. 7421-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

74213

RECEIVED

AUG 27 2013

WATER RIGHTS
PROGRAM

August 26, 2013

Eric Gronlund
Natural Resources Engineer
Pierre, SD 57501 -3182

Eric,

We are writing to you to request a change in the number of wells that was first permitted, due to the inadequate amount of water produced by the original well.

The original well was suppose to produce 800 gallons per minute, but it only produced 250 gallons per minute. So we have included 3 additional wells:

Well 2 at 27' with 200 gallons per minute

Well 3 at 30' with 300 gallons per minute

Well 4 at 27' with 150 gallons per minute

We have included a map with the locations for the 3 wells.

Thank you for your help.

Sincerely,

Tom Reichling

Tom Reichling, Pres.
Valley View Farms Inc



United States Department of Agriculture
Farm Service Agency

PLSS: 27_116N_52W
Farm: 5872

Codington County

1:8,815



June 15, 2012

RECEIVED
AUG 27 2013
WATER RIGHTS PROGRAM

Wetland Determination Identifiers
☒ Restricted Use
☒ Limited Restrictions
☐ Exempt from Conservation Compliance Provisions

Common Land Units

//// Non Cropland

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area.
Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

Tom Reichling

2010 Ortho-Photography - Not to Scale

Valley View Farms Inc. by Tom Reichling

File No. 7421-3

Approval of Additional Diversion Point

NAME: Valley View Farms, Inc.

ADDRESS: 45802 177th St, Watertown, SD 57201

DATE: August 29, 2013

COUNTY: Codington

TELEPHONE: (605) 886-8961

BACKGROUND:

Water Permit No. 7421-3 appropriates 2.0 cubic feet per second (cfs) from one well completed into the Big Sioux: North aquifer (49 feet deep) in the SE ¼ SE ¼ of Sec 27, T116N, R52W in order to irrigate 26 acres in the SE ¼ SE ¼ of Sec 27 and 130 acres in the NW ¼ of Sec 35 (for a total of 156 irrigated acres); all in T116N, R52W in Codington County. The permit has a priority date of August 29, 2012 and is conditioned with well interference, well construction, and irrigation questionnaire qualifications.

Tom Reichling (president of Valley View Farms, Inc.) has requested to add three additional wells in the S ½ SE ¼ of Sec 27, T116N, R52W. The basis for this request is that the existing well only provides approximately 250 gallons per minute (GPM) of the permitted 900 GPM. The three additional wells have already been completed with depths and flow rates as follows: Well 2 has been completed to a depth of 27 feet and provides approximately 200 GPM. Well 3 has been completed to a depth of 30 feet and provides approximately 300 GPM. Well 4 has been completed to a depth of 27 feet and provides approximately 150 GPM. See attached map for well locations.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional points may be licensed provided the following conditions are met and the potential for interference with other existing diversion is not increased.

- **Developed water source is the same as permitted source and no additional water is appropriated.**

The water source authorized by Water Permit No. 7421-3 is the Big Sioux: North aquifer. The original well was completed to a depth of 49 feet with a static water level of 15 feet. It is not known what the static water level is on the new additional wells, but at depths of 27-30 feet, it is expected that they are completed into the same formation.

No additional appropriation of water is authorized. Water Permit No. 7421-3 appropriates 2.0 cfs and no additional diversion rate authority is being requested.

Review of Existing Diversion

The well completion report and water rights databases were reviewed for the nearest domestic wells and water rights on file. The closest domestic wells (aside from one to the east owned by Tom Reichling himself) are located approximately 1,800 feet to the southwest and 1,900 feet to the southeast of the original well. Because of the close proximity of the additional wells to the original well, these distances remain relatively unchanged with the additional three wells. The same is true for the nearest water right (7012-3) which is approximately 1,800 feet to the southwest of the original well and the additional wells. Because the distance between existing wells and wells associated with Water Permit No. 7421-3 remains relatively unchanged with the completion of the additional wells, potential for interference is not expected to increase.

Observation Well Data

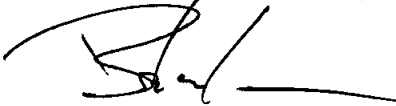
The Water Rights Program monitors several observation wells located in the Big Sioux: North aquifer. The closest observation well (CD-57B) is approximately 1.1 miles to the northwest of the original well. Historic water levels in observation well CD-57B show some seasonal effects of pumping, but water levels are predominately controlled by climatic conditions. Pumping has not prevented a full annual recovery of the water level within the aquifer.

CONCLUSION

- The additional well locations do not propose to appropriate additional water.
- The new wells are to be completed into the same formation as the existing well, the Big Sioux: North aquifer.
- Given that the distance to domestic wells and existing water rights has not changed with the additional diversion points, potential for interference is not expected to increase.

RECOMMENDED ACTION:

Based on the above criteria, it is recommended that the request for additional diversion points in the S $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec 27, T116N, R52W be approved.



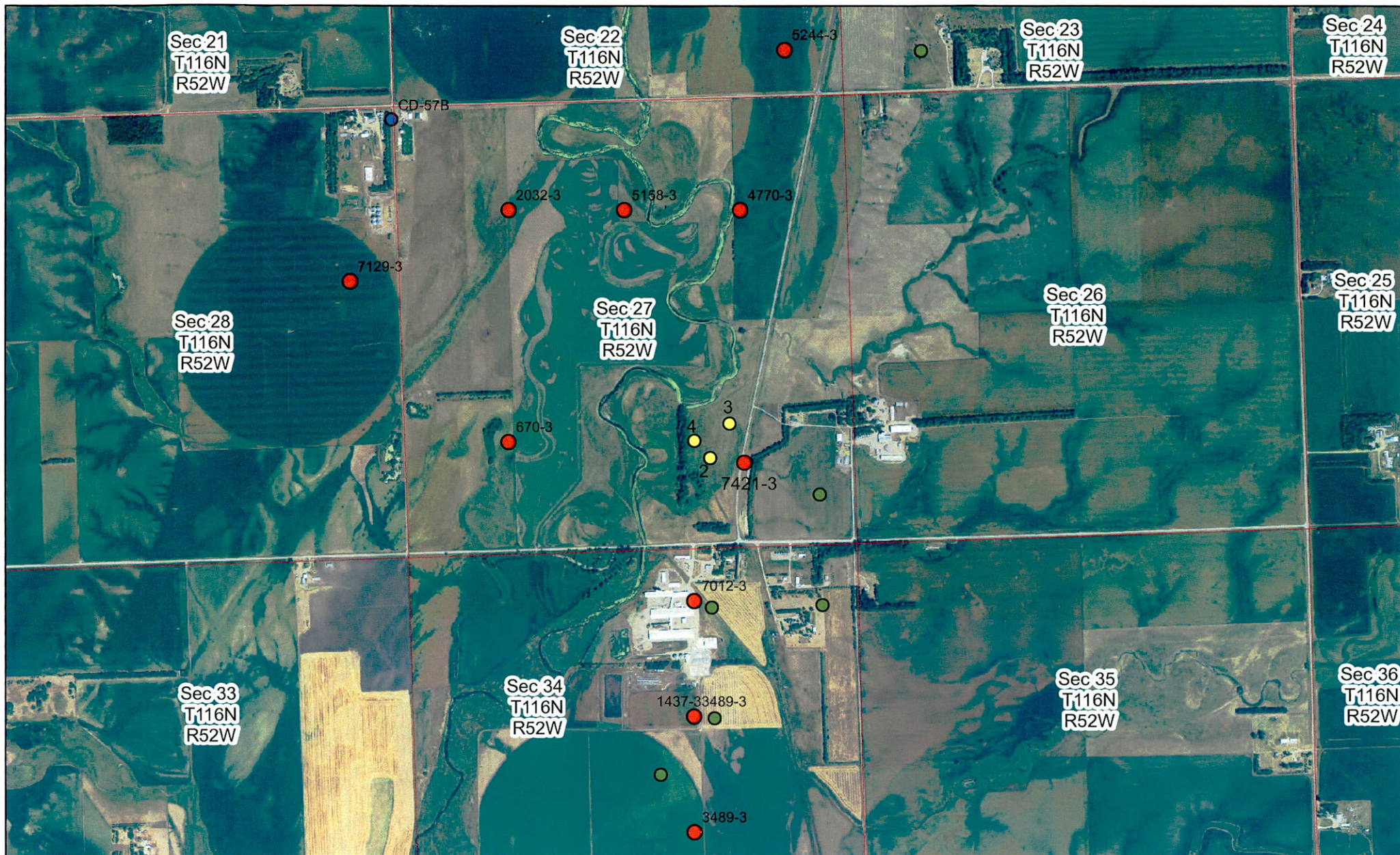
Bracken Capen
Natural Resources Engineer

The Chief Engineer makes a finding pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14:01 that:

These additional diversion points do not increase the potential for adverse effects to existing diversions.



Jeanne Goodman, Chief Engineer
Water Rights Program



Legend

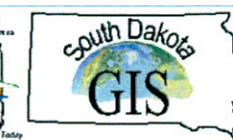
- Section Boundaries - PLSS
- Existing Licenses and Permits
- Domestic Wells
- Observation Wells
- Additional Wells

00.075 0.15 0.3 0.45 0.6
 = = Miles



Signature

Prepared by Bracken Capen
 Natural Resources Engineer
 DENR, Water Rights Program





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

August 29, 2013

7421-3

Valley View Farms, Inc.
c/o Tom Reichling
45802 177th St.
Watertown, SD 57201

Dear Mr. Reichling:

Water Permit No. 7421-3 appropriates 2.0 cubic feet per second (cfs) from one well completed into the Big Sioux: North aquifer (49 feet deep) located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec 27, T116N R52W for the irrigation of 156 acres in the NW $\frac{1}{4}$ of Sec 35 and the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec 27; all in T116N, R52W of Codington County.

You requested authorization to construct three additional wells located in the S $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec 27, T116N R52W to supplement the flow of water from the existing well. The basis for this request was an inadequate flow of water from the existing well associated with Water Permit No. 7421-3.

Upon review of the request and pursuant to SDCL 46-5-13.1, the additional three wells in the S $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec 27, T116N, R52W are authorized without application or publication of a notice of hearing pursuant to SDCL 45-2A-4. No increase in the authorized diversion rate of 2.0 cfs (900 gallons per minute) or the number of acres irrigated (156 acres) from the Big Sioux: North aquifer is authorized. If the total diversion rate or the number of irrigated acres increases, a new water right permit will need to be obtained.

If you have any questions, please contact Bracken Capen at (605) 773-3352.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeanne Goodman". The signature is fluid and cursive, with a long, sweeping underline.

Jeanne Goodman
Chief Engineer
Water Rights Program

SOUTH DAKOTA WATER WELL COMPLETION REPORT

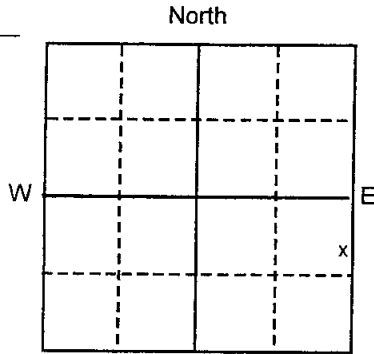
SD EForm - 1621LD V1

11-02

Location NE 1/4 SE 1/4 Sec 27 Twp 116N Rg 52W

County CODINGTON

Please mark well location with an "X"



Well Completion Date

7-22-13

← 1 Mile →

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
50.0 ft. from stock well (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY DRILL

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>12.00</u> IN	<u>0.0</u> FT	<u>27.0</u> FT	IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Grt Well DF</u>		<u>54.0</u> Lb/gal	<u>0.0</u> Ft	<u>27.0</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

PRESSURE PULL

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 12.00 Inches Length 10.0 Feet

Material STAINLESS STEEL

Slot Size _____ Set From 27.0 Feet to 37.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?

Lab to which water quality sample sent for analysis

+

Well Owner: TOM REICHLING

Business Name: VALLEY VEIW FARM

Address: 17660 458TH AVE

City, State, Zip: WATERTOWN SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	2
YELLOW FINE SAND	2	20
FINE - MED	20	28
MED GRAVEL	28	37
YELLOW CLAY	37	43

STATIC WATER LEVEL 14.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:

☐ Bailed

☐ Other

Pumping Level Below Land Surface

25.0 Ft. After 4.0 Hrs. pumped 500.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 350.0 GPM

REMARKS

RECEIVED

JAN 31 2014

WATER RIGHTS PROGRAM

This well was drilled under license # 689 and this report is true and accurate.

Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

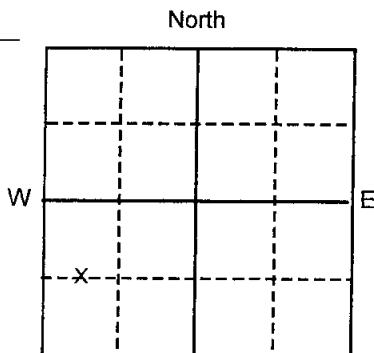
SD EForm - 1621LD V1

11-02

Location W 1/4 SW 1/4 Sec 27 Twp 116N Rg 52W

County CODINGTON

Please mark well location with an "X"



Well Completion Date

9-20-13



Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
900.0 ft. from RIVER (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY DRILL

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>40.0</u> LB/FT	<u>8.00</u> IN	<u>0.0</u> FT	<u>18.0</u> FT	<u>14.00</u> IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Grt Well DF</u>	<u>10</u>	<u>54.0</u> Lb/gal	<u>0.0</u> Ft	<u>18.0</u> Ft

Describe grouting procedure

PRESSURE PULL

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 8.00 Inches Length 10.0 Feet

Material STAINLESS STEEL

Slot Size .080 Set From 18.0 Feet to 28.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION:

Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?

Lab to which water quality sample sent for analysis

+

Well Owner: TOM REICHLING

Business Name: VALLEY VEIW FARM

Address: 17660 458TH AVE

City, State, Zip: WATERTOWN SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
FINE YELLOW SAND	1	8
GREY FINE SAND	8	15
FINE - MED	15	28

STATIC WATER LEVEL 8.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:

☐ Bailed

☐ Other

Pumping Level Below Land Surface

18.0 Ft. After 8.0 Hrs. pumped 300.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 250.0 GPM

REMARKS

RECEIVED

JAN 31 2014

WATER RIGHTS PROGRAM

This well was drilled under license # 689 and this report is true and accurate.

Drilling firm: KAISER WELL DRILLING INC

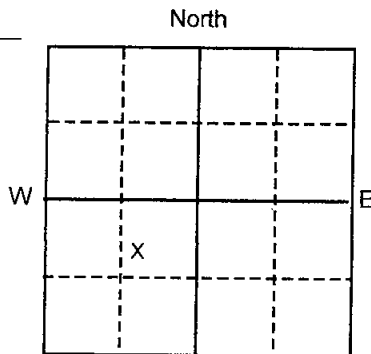
Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NE 1/4 SW 1/4 Sec 27 Twp 116N Rg 52WCounty CODINGTONPlease mark well
location with an "X"

Well Completion Date

8-20-13Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
900.0 ft. from RIVER (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY DRILL

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
40.0 LB/FT	8.00 IN	0.0 FT	18.0 FT	14.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grt Well DF	10	54.0 Lb/gal	0.0 Ft	18.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

PRESSURE PULL

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 8.00 Inches Length 10.0 FeetMaterial STAINLESS STEELSlot Size .080 Set From 18.0 Feet to 28.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?
Lab to which water
quality sample sent for analysisWell Owner: TOM REICHLINGBusiness Name: VALLEY VEIW FARMAddress: 17660 458TH AVECity, State, Zip: WATERTOWN SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
FINE YELLOW SAND	1	10
GREY FINE-MED MIX	10	28

STATIC WATER LEVEL 8.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

18.0 Ft. After 8.0 Hrs. pumped 300.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 250.0 GPM

REMARKS

RECEIVED

JAN 31 2014

WATER RIGHTS
PROGRAMThis well was drilled under license # 689 and this
report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

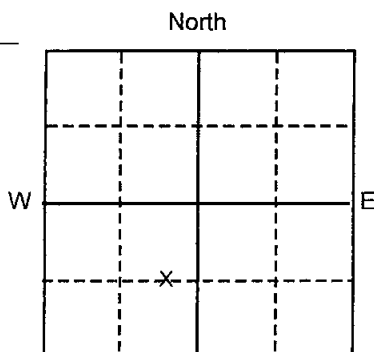
Signature of Well Owner or Equitable Property Holder:

Date:

7421-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location E 1/4 SW 1/4 Sec 27 Twp 116N Rg 52WCounty CODINGTONPlease mark well
location with an "X"

Well Completion Date

8-10-13

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?

1,000.0 ft. from RIVER (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY DRILL

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
40.0 LB/FT	8.00 IN	0.0 FT	18.0 FT	14.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grt Well DF	11	54.0 Lb/gal	0.0 Ft	14.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

PRESSURE PULL

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 8.00 Inches Length 10.0 FeetMaterial STAINLESS STEELSlot Size .080 Set From 18.0 Feet to 28.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?
Lab to which water
quality sample sent for analysis

+

Well Owner: TOM REICHLINGBusiness Name: VALLEY VEIW FARMAddress: 17660 458TH AVECity, State, Zip: WATERTOWN SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
YELLOW SAND	1	8
FINE YELLOW SAND	8	15
MED YELLOW MIX	15	28

STATIC WATER LEVEL 8.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

18.0 Ft. After 8.0 Hrs. pumped 200.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

RECEIVED
JAN 31 2014
WATER RIGHTS
PROGRAM

This well was drilled under license # 689 and this report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

January 24, 2014

NOTICE

TO: VALLEY VIEW FARMS INC, TOM REICHLING, 45802 177TH ST, WATERTOWN, SD 57201

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2013 Irrigation Questionnaire(s)

Our records indicate that the 2013 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7421-3. The request for the Questionnaire was dated October 18, 2013. The Water Management Board has directed that owners of water permits who have not submitted the 2013 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 7421-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **9:00 am, March 6, 2014** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 7421-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office on/or before **March 3, 2014**, you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

January 28, 2014

7421-3

Tom Reichling
Valley View Farms Inc
45802 177th St
Watertown SD 57201

Dear Mr. Reichling:

I am writing to acknowledge receipt of your 2013 irrigation questionnaire.

You may disregard the January 24, 2014, "Notice" concerning reporting requirements for Water Permit No. 7421-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath".

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us



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

January 20, 2022

NOTICE

TO: VALLEY VIEW FARMS INC, TOM REICHLING, 45802 177TH ST, WATERTOWN, SD 57201

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2021 Irrigation Questionnaire(s)

Our records indicate your 2021 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7421-3. The request for the Questionnaire was dated October 22, 2021. The Water Management Board has directed that owners of water permits who have not submitted the 2021 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 7421-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 2, 2022 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 7421-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 2, 2022** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: IIAMDO**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



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

January 24, 2022

7421-3

Nathan Reichling
Valley View Farms Inc
17716 458th Ave
Watertown SD 57201

Dear Mr. Reichling:

I am writing to acknowledge receipt of the 2021 irrigation questionnaire for Valley View Farms Inc.

You may disregard the January 20, 2022, "Notice" concerning reporting requirements for Water 7421-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

7421-3



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

January 20, 2023

NOTICE

TO: VALLEY VIEW FARMS INC, NATHAN REICHLING, 17716 458TH AVE, WATERTOWN,
SD 57201

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2022 Irrigation Questionnaire(s)

Our records indicate your 2022 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7421-3. The request for the Questionnaire was dated October 21, 2022. The Water Management Board has directed owners of water permits who have not submitted the 2022 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 7421-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 8, 2023 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 7421-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 8, 2023** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: YGFIAD**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



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

January 23, 2023

7421-3

Nathan Reichling
Valley View Farms Inc
17716 458th Ave
Watertown SD 57201

Dear Mr. Reichling:

I am writing to acknowledge receipt of your 2022 irrigation questionnaire.

You may disregard the January 20, 2023, "Notice" concerning reporting requirements for Water Permit No. 7421-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us



7421-3

**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

JUN 26 2023

7421-3

Nathan Reichling
17716 458th Ave
Watertown SD 57201

Dear Mr. Reichling:

Enclosed is Water License No. 7421-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

NOTE: The investigation of your water use system found the four wells are capable of a combined diversion rate of 1,050 gpm or 2.34 cfs. The two pivots are capable of 500 gpm and 800 gpm respectively. When diverting water, the maximum authorized diversion rate under Water License No. 7421-3 is 900 gpm or 2.00 cfs (this was the original permitted amount).

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 7421-3

(1) Valley View Farms Inc., Watertown SD 57201 made Application No. 7421-3, August 29, 2012, for a water permit to divert 2.00 cubic feet of water per second from ground water, one well (Big Sioux North Aquifer), Codington County, South Dakota for irrigation purposes. Permit No. 7421-3, with a priority date of August 29, 2012, was approved December 3, 2012, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before December 3, 2017, and for the application to beneficial use of water on or before December 3, 2021.

In August 2013, authorization was granted by the Chief Engineer pursuant to SDCL 46-5-13.1 to add three additional wells to the project to allow for adequate flow of water from the existing well associated with No. 7421-3.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 2.00 cubic feet of water per second for beneficial use. The diversion points are located as follows: **(all in the SE ¼ of Sec 27)**

- Well #1: 1,325' N & 1,475' W of the NW corner of Section 35, T116N, R52W
Latitude 44.82220, Longitude -97.05225
- Well #2: 1,145' N & 1,950' W of the NW corner of Section 35, T116N, R52W
Latitude 44.82167 Longitude -97.05424
- Well #3: 1,065' N & 1,515' W of the NW corner of Section 35, T116N, R52W
Latitude 44.82134 Longitude -97.05289
- Well #4: 885' N & 1,205' W of the NW corner of Section 35, T116N, R52W
Latitude 44.82092 Longitude -97.05154

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

Section 35, T116N, R52W		Section 27, T116N, R52W	
NW ¼ NW ¼	30.0 acres	SE ¼ SE ¼	25.0 acres
NE ¼ NW ¼	34.0 acres		
SE ¼ NW ¼	32.0 acres		
SW ¼ NW ¼	34.0 acres	Total 156 acres	

(4) Pursuant to South Dakota Water Law 46-5-30.1 Valley View Farms Inc., 17716 458th Ave., Watertown SD 57201 the holder and/or owner of Water Right No. 7421-3 is issued a license to appropriate water, the right to use 2.00 cubic feet of water per second from ground water (four wells) Big Sioux North Aquifer with a priority date of August 29, 2012, from the locations specified in (2) of this license for irrigation purposes.

continued

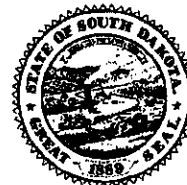
This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 7421-3 and subject to the following qualifications:

- The wells approved under this water right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this water right shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The wells authorized by Permit No. 7421-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the 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. *All four wells were drilled in 2013 by Kaiser Well Drilling. Copies of the well completion reports are on file with the Water Rights Program.*
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

Eric Gronlund
Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

JUN 26 2023

date



Diversion Point Location

From the SE corner of
Sec 27 T116N-R52W

** Well #1**

1325 ft N & 1475 ft W

Lat 44.82220 Long -97.05225

** Well #2**

1145 ft N & 1950 ft W

Lat 44.82167 Long -97.05424

** Well #3**

1065 ft N & 1515 ft W

Lat 44.82134 Long -97.05289

** Well #4**

885 ft N & 1205 ft W

Lat 44.82092 Long -97.05154

Irrigated Land

Sec27 T96N-R48W

SE1/4 SE1/4 - 25 ac

Sec 35 T96N-R48W

NE1/4 NW1/4 - 34 ac

NW1/4 NW1/4 - 30 ac

SE1/4 NW1/4 - 32 ac

SW1/4 NW1/4 - 34 ac

Reference
Corner

Section 27
T116N-R52W

#1

#2

#3

#4

25 ac

30 ac

34 ac

34 ac

32 ac

Section 35
T116N-R52W



0 1,200 2,400 4,800 7,200 9,600 Feet

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 7421-3

I have these days, April 26 and May 10, 2023, made a thorough examination of the water use system constructed by Valley View Farms, Inc; 17716 458th Ave, Watertown, SD 57201 of Permit No. 7421-3, bearing the priority of August 29, 2012 authorizing the diversion of 2.0 cu. ft. per of the waters of the Big Sioux; North Aquifer for irrigation purposes, in Codington County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Kaiser Well Drilling
- 2) No. of Wells: 4
- 3) Depth(s): 28, 28, 28, 37 feet
- 4) Well log is available Y

Casing:

- 1) Diameter 8, 8, 8, 12 inches
- 2) Length 18, 18, 18, 27 feet
- 3) Type Plastic

Screen:

- 1) Type Stainless steel
- 2) Length 10 feet
- 3) Static water levels: 8, 8, 8, 14 feet

Pump:

- 1) Make: Submersibles
- 2) Capacity 350, 200, 250, 250 GPM

B. Works used to transport water to place of use:

- 1) Type Buried PVC
- 2) Size 8 inches
- 3) Length 3,690 feet

C. Works used to apply water to beneficial use:

Center pivot: (Section 35)

- 1) Make Reinke
- 2) Overall length 1300 feet
- 3) Number of towers: 8
- 4) End gun Y
- 5) Capacity 800 GPM

Center pivot: (Section 27)

- 1) Make Reinke
- 2) Overall length 580 feet
- 3) Number of towers: 3
- 4) End gun Y
- 5) Capacity 500 GPM

Chemigation Equipment: none

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows: Well Locations
From the NW corner Sec 35 T116N R52W WELL #1: 1,325 ft N 1,475 ft W, Lat 44.82220 Long -97.05225 WELL #2: 1,145 ft N 1,950 ft W, Lat 44.82167 Long -97.05424 WELL #3: 1,065 ft N 1,515 ft W, Lat 44.82134 Long -97.05289 WELL #4: 885 ft N 1,205 ft W, Lat 44.82092 Long -97.05154 (SW ¼ SE ¼)
2. The wells are capable of diverting a combined total of 2.34 cfs (1,050 gpm). Water has been put to beneficial use to the maximum extent as follows:

Land in Sec 35 T116N R52W	Land in Sec 27 T116N R52W
NW ¼ NW ¼ – 30.0 acres	SE ¼ SE ¼ – 25.0 acres
NE ¼ NW ¼ – 34.0 acres	
SE ¼ NW ¼ – 32.0 acres	
SW ¼ NW ¼ – 34.0 acres	
- comprising a total of 156.0 acres of land and the license should be issued for 2.00 cfs
3. All structures, wells and lands on map Y

F. Comments or other permit(s) associated with the project:

The irrigated acreage was determined with the aid of FSA imagery and ArcMAP software.

Nathan Reichling (son) is now in charge of the operation with an address of 17716 458th Ave, Watertown, SD 57201 and a cell number of 605/868-7383. I talked to Nathan's mother (Tom's wife) during the field inspection visit.



Darrell W DeBoer
Water Rights Inspector
DANR, Water Rights Program

Date report completed: May 15, 2023



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

January 14, 2025

NOTICE

TO: VALLEY VIEW FARMS INC, NATHAN REICHLING, 17716 458TH AVE, WATERTOWN, SD 57201

FROM: Ron Duvall, Engineer III
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2024 Irrigation Questionnaire(s)

Our records indicate your 2024 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7421-3. The request for the Questionnaire was dated October 23, 2024. The Water Management Board has directed owners of water permits who have not submitted the 2024 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 7421-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held on **Wednesday, March 5, 2025, at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 7421-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 5, 2025**, hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Amanda Dewell at (605) 773-3352 or email at amanda.dewell@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: UQUIVS**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 3, 2025

7421-3

Valley View Farms Inc
c/o Nathan Reichling
17716 458th Ave
Watertown SD 57201

Dear Mr. Reichling:

I am writing to acknowledge the receipt of your 2024 irrigation questionnaire(s).

You may disregard the January 14, 2025, "Notice" concerning the reporting requirements for Water Permit No(s). 7421-3. The information was received prior to the March 5, 2025, Water Management Board meeting and the above listed permit number(s) have been removed from the agenda.

If you have any questions or concerns, please contact me.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

7421-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 20, 2026

NOTICE

TO: VALLEY VIEW FARMS INC, NATHAN REICHLING, 17716 458TH AVE, WATERTOWN,
SD 57201

FROM: Ron Duvall, Engineer III
for Adam Mathiowetz, PE, Acting Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2025 Irrigation Questionnaire(s)

Our records indicate your 2025 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7421-3. The request for the Questionnaire was dated October 8, 2025. The Water Management Board has directed owners of water permits who have not submitted the 2025 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 7421-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held on **Wednesday, March 4, 2026 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 7421-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 4, 2026** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Shannon Konst at (605) 773-3352 or email at shannon.konst@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: VZSVPP**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 13, 2025

7421-3

Valley View Farms Inc
C/O Nathan Reichling
17716 458th Ave
Watertown, SD 57201

Dear Mr. Reichling

I am writing to acknowledge the receipt of your 2025 irrigation information submitted for Water Right No. 7421-3 on March 12, 2025.

The Water management Board moved to suspend Water Right No. 7421-3 for a period of one year if the questionnaire was not returned prior to April 4, 2025. You may disregard the "Notice of Entry of Order for One Year Suspension" of Water Right No. 7421-3, dated March 6, 2025.

Sincerely,

Shannon Konst

Shannon Konst
Water Rights Program
605 773-3352
Shannon.konst@state.sd.us



7421-3

**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 6, 2026

NOTICE OF ENTRY OF ORDER FOR ONE YEAR SUSPENSION OF WATER RIGHT

TO: Valley View Farms Inc., 17716 458th Ave, Watertown SD 57201

FROM: Adam Mathiowetz, PE, Acting Chief Engineer
DANR - Water Rights Program

SUBJECT: One Year Suspension of Water Right No. 7421-3

On March 4, 2026, the South Dakota Water Management Board ordered:

- Effective April 3, 2026, Water Right No. 7421-3 be suspended for the 2026 irrigation season.

This action was taken by the Board for failure to return the 2025 irrigation questionnaire. If the 2025 irrigation questionnaire is received prior to April 3, 2026, the suspension will not take effect.

A one-year suspension of Water Right No. 7421-3 means water may not be pumped during the 2026 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2026 unless the 2025 irrigation questionnaire is submitted prior to April 3, 2026.

After April 3, 2026, you may petition the Board to rescind the suspension. You will need to submit, to the Water Rights Program, the 2025 irrigation questionnaire and a letter including your reason for not completing the 2025 irrigation questionnaire within the allotted time and requesting time on the agenda for the next Water Management Board meeting. The next Water Management Board meeting is scheduled for May 6, 2026, in Pierre SD.

Decisions made by the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Please contact Amanda Dewell, Water Rights Permitting Administrator (605) 773-3352 with any questions.

NOTE: Water Rights staff will conduct unscheduled compliance checks of suspended water rights to ensure irrigation is not taking place.

7021 1970 0000 9489 8261

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Street

City, S

Valley View Farms Inc.
17716 458th Ave
Watertown, SD 57201

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

CERTIFICATION

The undersigned hereby certifies under the penalty of perjury that I have personally mailed a true and correct NOTICE OF ONE- AND THREE-YEAR SUSPENSION OF WATER RIGHT dated March 6, 2026, via certified mail to the following parties.

Chance & Michelle Wientjes
PO Box 96
Mobridge, SD 57601

Vernon & Marlys Walkling
29832 267th Ave
Crookston, NE 69212

Vasgaard Properties
28746 462nd Ave
Centerville, SD 57014

Doug & Darla Van Gerpen
40930 305th St
Avon, SD 57315

John & Bryan Uecker
PO Box 573
Wagner, SD 57380

Twisted Land & Cattle Co.
C/O Brad Peterson
19030 391st Ave
Hitchcock, SD 57348

Tilton Ranch Inc.
C/O Janet Burback
2199 Skinner Rd
Belgrade, MT 59714

Dale Sprague
16221 Twilight Rd
Mud Butte, SD 57758

Greg & Evette Rihanek
814 E State St
Plankinton, SD 57368

Wayne Reiersen
30048 Reiersen Pl
Pollock, SD 57648

Charlotte or Phillip Nichols
7497 Rolling Meadow Dr
West Chester, OH 45069

Wilma Heien (Walter Heien)
PO Box 145
Blunt, SD 57522

David & Jerry Wieber
PO Box 238
Lidgerwood, ND 58053

Vintage Square Estates
PO Box 594
Ft Pierre, SD 57532

Valley View Farms Inc.
17716 458th Ave
Watertown, SD 57201

Kash & Trish Van Dyke
48549 219th St
Elkton, SD 57026

Oscar Inc.
C/O Floyd Peterson
209 27th St NW
Huron, SD 57350

Dan & David Trudeau
33927 478th Ave
Jefferson, SD 57038

Terrill Farms Inc.
C/O Tony Terrill
42099 176th St
Clark, SD 57225

Swan Creek Land Co. Inc
PO Box 435
Akaska, SD 57420

Six Mile Creek Golf Course
20307 483rd Ave
White, SD 57276

Robert Phelps Jr
16220 Spring Valley Rd
Piedmont, SD 57769

GW Evridge
20151 Saddle Ct
Whitewood, SD 57793

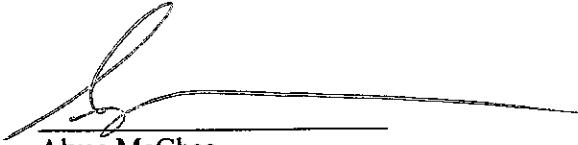
Mark & Melvin Morlock
33820 112th St
Eureka, SD 57437

Laverne Neuharth
33567 109th St
Eureka, SD 57437

Central Valley Golf Club
700 E Hwy 38
Hartford, SD 57033

Dale & Mary Helen Bisson
PO Box 844
Ft Pierre, SD 57532

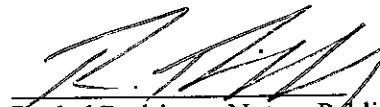
Ryan Edwards
25331 Yellow Eagle Rd
White River, SD 57579



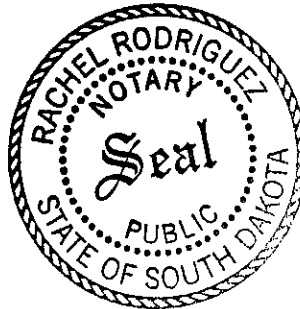
Alyce McGhee
Senior Secretary-Water Rights

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 6 day of March, 2026.



Rachel Rodriguez Notary Public
My Commission expires May 16, 2029



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Valley View Farms Inc.
17716 458th Ave
Watertown, SD 57201



9590 9402 6392 0303 3261 02

2. Article Number (Transfer from service label)

7021 1970 0000 9489 8261

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Nathan Reichling

☐ Agent

☐ Addressee

B. Received by (Printed Name)

Nathan Reichling

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

MAR 12 2020

USPS

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DANR WATER RIGHTS PROGRAM
523 E CAPITOL AVE
PIERRE SD 57501

RECEIVED
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DANR
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