

WATER PERMIT NO. 2724-2

Name of Applicant: Lloyd or K.E. Flock

Address: 13868 Beaver Creek Rd, Buffalo Gap SD 57722

Phone: 605 833-2132

Amount of Water Claimed: 0.56 cfs

Total Acres: 40 acres

Source of Water Supply: dugout

Water to be used for: irrigation

County: Fall River

Type of Waste Disposal System:

Location: 10 miles northwest of Hot Springs

PRIORITY

Date Received: 2-19-14

Application/License Fee: \$ 700

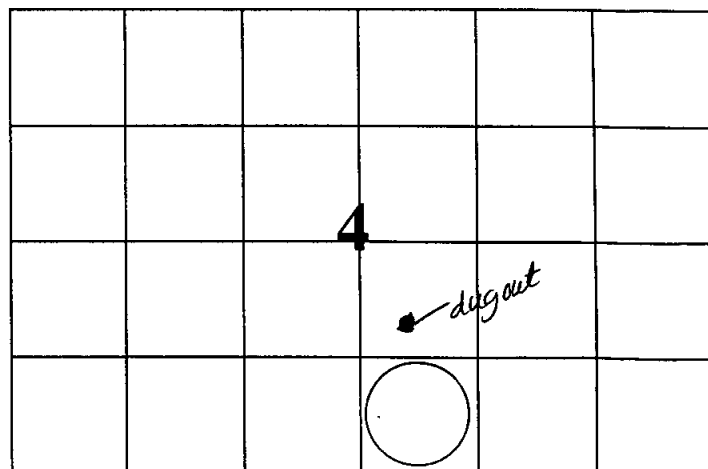
Corrected Application Received:

Period of Annual Use: April 1 – August 31

Remarks:

Diversion Point: NW 1/4 SE 1/4 Sec 4-T7S-R7E

Land to be Irrigated: SW 1/4 NE 1/4 Sec 4-T7S-R7E



Depth of Well: NA

Well Driller:

Remarks:

Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 2-19-14

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

FORM 2: Application for irrigation in South Dakota

(type or print)

Mail to:
PMB 2020
DENR - Water Rights
523 E Capitol Ave
Pierre, SD 57501-3182
ph. (605) 773-3352

(office use only)
No. 2724-2 Hydrologic Unit 10120109
Basin Upper Cheyenne 605-745-4170
Newspaper Hot Springs Star Box 100 57747
605-745-4170
RC Journal Box 450 R City 57701

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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.)

1. Name to Appear on Irrigation Permit Lloyd or K.E. FLOCK
(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent _____
(name and complete address if different than above name)

Mailing Address 13868 Beaver Creek Rd. Buffalo Gap SD 57722
(Address) (City) (State) (Zip Code)

Home Phone (605) 833-2132 Cell _____ Email flock@goldenwest.net

2. Amount of water claimed 0.56 *CFS or 250 **GPM _____ ***AF Total Acreage 40
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Dugout-

4. Location of point of diversion NW 1/4 SE 1/4 Sec 4 - T7S - R7E
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County FALL RIVER

5. County or counties where water will be used Fall River

6. Annual period during which water is to be used April - Aug. 31

7. 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
<u>7E SEC 4</u>	<u>40</u>		
<u>SW 1/4 SE 1/4 Sec 4 - T7S - R7E</u>			

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

I, Lloyd Flock, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

SOUTH DAKOTA
WATER PERMIT NO. 2724-2

Date of first receipt of application February 19, 2014.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2724-2 to Lloyd or K.E. Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 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. 2724-2 appropriates 0.56 cubic feet of water per second from a dugout (approximately 2 acre feet of water capacity) located in the NW 1/4 SE 1/4 Section 4 for irrigation of 40 acres located in the SW 1/4 SE 1/4 Section 4; all in T7S-R7E.
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: April 1 – August 31.
3. The date from which applicant may claim right is February 19, 2014.
4. The date of approval of Permit No. 2724-2 is May 23, 2014.
5. One-fifth of the construction is to be completed on or before November 23, 2016.
6. All construction is to be completed on or before May 23, 2019.
7. Water is to be put to beneficial use on or before May 23, 2023.
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 diversion of water from the dugout under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The 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. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: *Jeanne Goodman*

Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 18 2014

date



Supplemental Information

(type or print)

1. Well Information ^{N/A} (check one or both as applicable) ☐ Drilling new well(s) ☐ Using existing well(s)

- a) If new wells, how many ____ 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 ____
- c) Well Depth ____ Depth to Top of Water Bearing Material ____ Depth to Water from Surface ____
- d) Distance to nearest existing domestic well:

On applicant's property ____ On property owned by others ____

2. Wastewater Disposal System Information ^{N/A}

- 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 150 FT X 75 FT. Depth 10 FT Average
- b) Depth to water (ground surface to water level) 2-3 ft.

4. Water Storage Dams ^{N/A}

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)

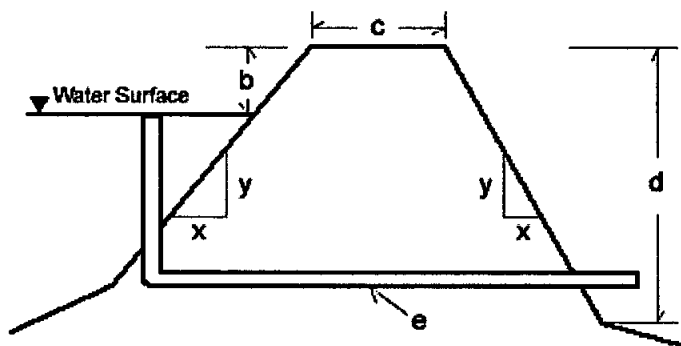
Upstream ____

Downstream ____

h) Surface Area of Impoundment ____

i) Storage ____ Acre Feet

j) Drainage Area Above Dam ____ Acres





Section 4 7s-7e Fall River
 Kory Bossert DC 2/12/14
 Kory Bossert, District Conservationist

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0 275 550 1,100 1,650 2,200
 Feet



RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 2/19, 20 14

RECEIVED OF Lloyd Flock 13868 Beaver Creek Rd Buffalo Gap SD 57722

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

Fee for Application for Permit No. <u>2724-2</u> to Appropriate Water, to construct and to put water to beneficial use	500	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>2724-2</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	700 00

No. **06752**

By 
Chief Engineer



**DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES**

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



**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2724-2, Lloyd or K.E. Flock**

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. 2724-2, Lloyd or K. E. Flock, 13868 Beaver Creek Rd., Buffalo SD 57722.

The Chief Engineer is recommending APPROVAL of Application No. 2724-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) as conditioned 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 qualification:

1. The diversion of water from the dugout under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The 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. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Jeanne Goodman, Chief Engineer
May 1, 2014

NOTE: DENR encourages you to read the staff report carefully. Pumping may deplete the water in the dugout and take a substantial amount of time to replenish the water level. This will need to be a consideration in your decision making regarding if the project is feasible.

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 2724-2
LLOYD OR K.E. FLOCK
MAY 1, 2014

Water Permit Application No. 2724-2 proposes to appropriate groundwater from a dugout (approximately 2 acre-feet of water capacity) and incidental surface runoff completed into quaternary aged terrace deposits at a maximum diversion rate of 0.56 cubic feet of water per second (cfs). The dugout is to be located in the NW ¼ SE ¼ Section 4 for the irrigation of 40 acres located in the SW ¼ SE ¼ Section 4; all in T7S-R7E in Fall River County. A map of the area is shown in Figure 1.

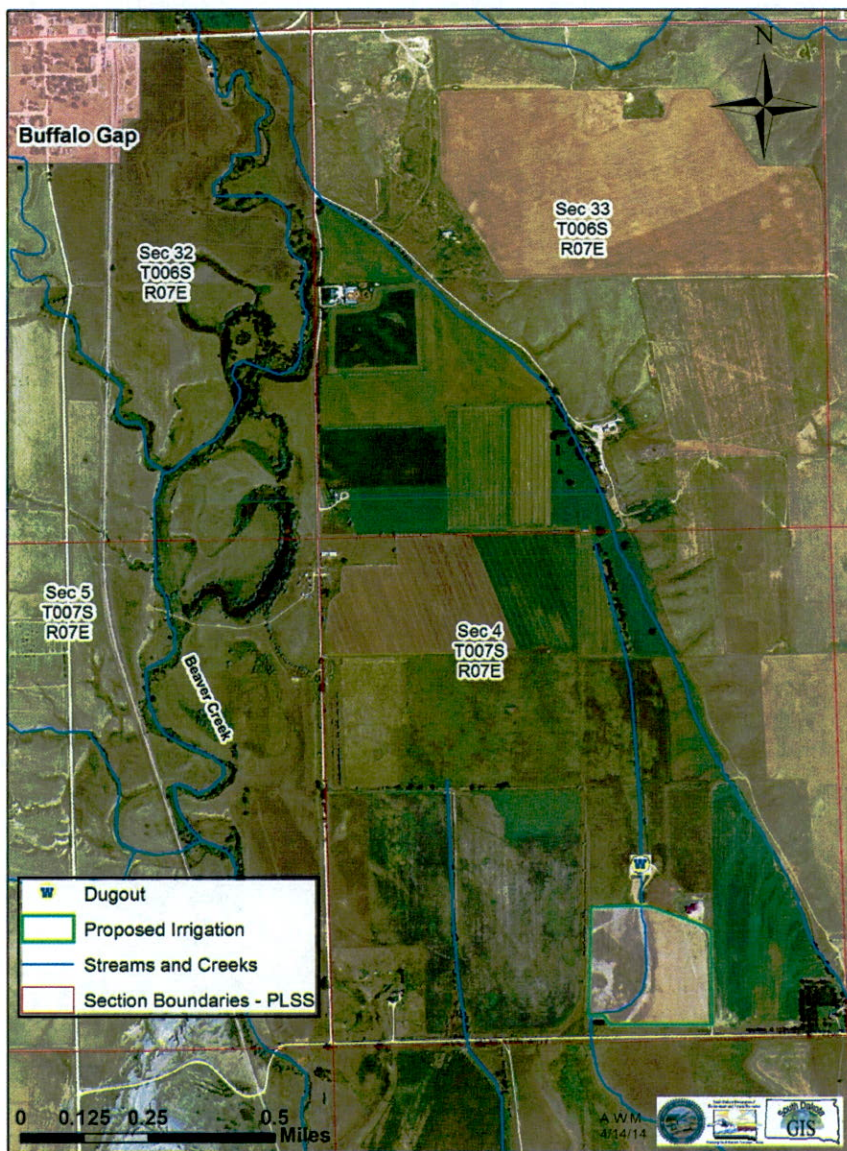


Figure 1- Area near Permit Application No. 2724-2

WATER SOURCE: Quaternary Aged Terrace deposits (TQ) and incidental surface water

HYDROGEOLOGY:

These terrace deposits are sand and gravel that was left in the floodplain when the Cheyenne River occupied a broad valley approximately 100 feet above its present level and received a large stream from the northwest out of Buffalo Gap (Darton, 1902). Terrace deposits are often unconsolidated, poorly sorted silt, sand, and gravel (Harksen, 1970). The proposed dugout site is in the floodplain of Beaver Creek. The terrace deposit underlies approximately 5,500 acres of Custer and Fall River counties (Martin et. al, 2004). The terrace deposit is likely hydraulically connected to the upgradient alluvial deposits underlying Beaver Creek above Buffalo Gap and hydraulically connected to Beaver Creek. Figure 2 shows the terrace deposit, upgradient alluvial deposits, Beaver Creek Spring, and the Madison and Minnelusa Formation outcrops. The area of the alluvial deposit downstream of Beaver Creek Spring is approximately 1,314 acres (Strobel et. al, 1999).

The terrace deposit ranges from 10 to 30 feet thick in the area of the application but thins to 0 at the edge of the deposit with an average of 19 feet (Water Rights, 2014c). The average saturated thickness for the deposit is estimated to be 7.5 feet (Water Rights, 2014c). Groundwater occurs approximately 5 to 10 feet below grade in this area; however the applicant reported the water level as two to three feet below ground surface (Water Rights, 2014c). The terrace deposits are under water table conditions. Regionally ground water likely flows towards the creeks and south-southeast to the Cheyenne River. The dugout is to be located along an irrigation return flow ditch for water rights/permits irrigating from Beaver Creek. Much of the streamflow in Beaver Creek at Buffalo Gap likely originates from the Beaver Creek Spring shown in Figure 2 (Naus et. al, 2001; USGS, 2014).

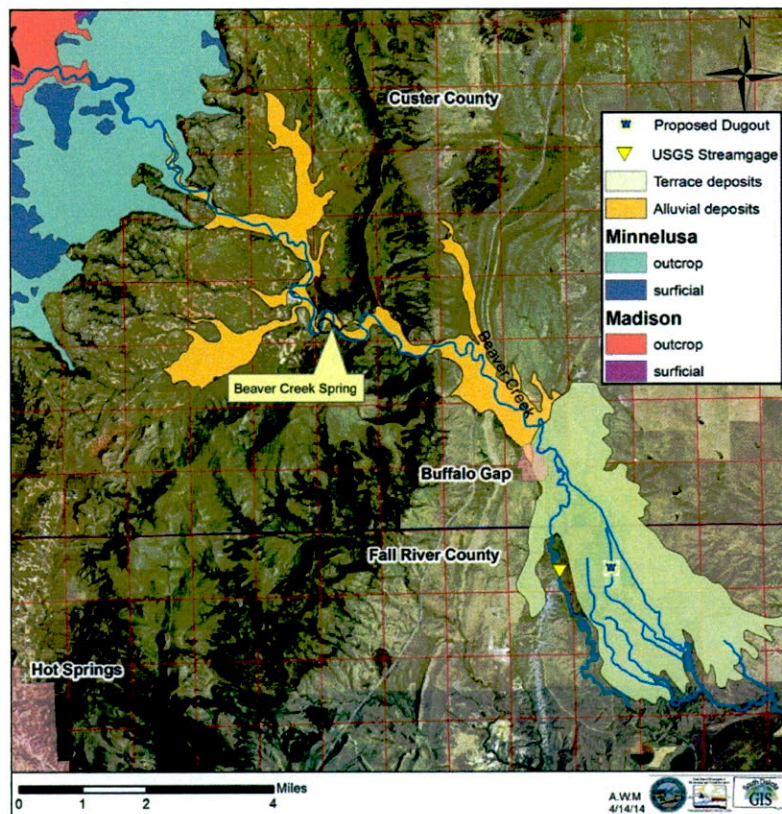


Figure 2- Hydrogeologic map of the area of the proposed dugout

There is a limited amount of water in storage in the terrace deposits. Using 7.5 feet for the saturated thickness and assuming a porosity of 15 percent, there is an estimated 6,188 acre-feet (ac-ft) of water in storage. The alluvial deposits downstream of Beaver Creek Springs have a similar saturated thickness and porosity as the terrace deposits. Therefore, there is approximately 1,478 ac-ft of water in storage in those alluvial deposits.

Beaver Creek Spring has an approximate discharge of 10 to 15 cfs into Beaver Creek (Naus et. al, 2001). The spring provides base flow to the creek but also likely provides some recharge to the alluvial and terrace deposits underneath and adjacent to Beaver Creek. At 10 cfs, the spring is discharging approximately 7,240 acre-feet per year (ac-ft/yr), some of which seeps directly into the alluvium under Beaver Creek and makes its way into the terrace deposit.

The proposed dugout is to be approximately 150 by 75 feet (0.26 acres) and is expected to have an average depth of 10 feet. Using that area and assuming the dugout will encounter between 5 and 8 feet of water, the estimated maximum storage of the dugout will be approximately 1.3 to 2.1 acre-feet of water.

Rosier and Snell (1953) discussed groundwater level fluctuations in the terrace deposits near Rapid Valley. They stated, “[groundwater level] fluctuations do not seem to be related primarily to precipitation, which averages about 16.6 in. a year, but rather to be caused by seepage from the irrigation canals and from water spread on the land for irrigation purposes.” It is reasonable that the same holds true near the proposed dugout site approximately 50 miles south-southwest of Rapid Valley. The proposed dugout is located after the irrigation withdrawals from Beaver Creek, and the acreage is near the “bottom” of the irrigable land surface that is underlain by the terrace deposits. The proposed dugout will also receive incidental surface water from local runoff and irrigation return flows.

Assuming an optimistic hydraulic conductivity of 100 feet per day (ft/d) based on aquifer materials (Bear, 1988), a saturated thickness of 7.5 feet, a storativity of 0.15, and a pumping duration of 185 days, the average constant pumping rate across the 185 day irrigation season is estimated to be about 0.04 cfs; this is a total of 14.7 acre-feet per year. At those values the drawdown 1,000 feet away from the dugout will only be approximately 0.36 feet (Icalcul⁸, 2014). Due to the hydrogeologic conditions it is likely not possible to pump at an average constant pump rate greater than 0.04 cfs (18 gallons per minute) over 185 days. Due to this reason the project may not be feasible.

South Dakota Codified Law (SDCL) 46-2A-9

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

WATER AVAILABILITY:

The probability of unappropriated water available from the 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.” If the source of the water is older or lower than the Greenhorn Formation and a public water system has applied for a permit, the Board need not consider the recharge/withdrawal issue. In this case, the aquifer is not stratigraphically lower than the Greenhorn Formation and the applicant is not a public water system.

Hydrologic Budget:*Recharge:*

Hedges and Burch (1985) did not estimate recharge to alluvial or terrace deposits around the Black Hills. They did state:

“Geologic conditions and annual precipitation ranges are similar for alluvium in the Black Hills and the surficial glacial outwash deposits in eastern South Dakota. Thus, without additional corroborative data, it can only be estimated that recharge rates to the alluvium in the Black Hills is comparable to the range of recharge (2 to 5.6 inches annually) rates to the surficial glacial outwash deposits.”

Recharge to the Quaternary Aged Terrace deposits are expected to be comparable to the Quaternary Aged Alluvium deposits in the Black Hills area. The higher recharge rates were in areas with higher annual precipitation, near 25 in/yr, and the lower rates had lower precipitation, approximately 17 in/yr. At Buffalo Gap the annual precipitation is 19.22 in/yr (NCDC, 2014). However, Rosier and Snell (1953) described recharge to terrace deposits at Rapid Valley as “The flood plain aquifers are recharged by seepage from Rapid Creek, seepage from the irrigation canals on the flood plain, underflow of ground water from the higher-lying terraces, waste irrigation water from the higher-lying terraces, and seepage from irrigation on the flood plain.” The flood plain aquifers they reference are terrace deposits. Rosier and Snell (1953) also said the groundwater level fluctuations are not as dependent on precipitation as on irrigation seepage.

Although recharge to the Quaternary Aged Alluvium and Terrace deposits underlying and adjacent to Beaver Creek originate from a combination of precipitation, streamflow losses, and irrigation losses, it is likely that recharge to these deposits are similar to that of the terrace deposits near Rapid Valley. The range given by Hedges and Burch (1985) gives a scale to the likely recharge to these terrace deposits. In addition, Beaver Creek Spring provides recharge to the alluvial and terrace associated with Beaver Creek.

Using the low end of Hedges and Burch’s (1985) recharge rate range (2 in/yr), the recharge rate to the terrace deposits is estimated to be 917 ac-ft/yr and 219 ac-ft/yr to the alluvial deposits downstream of Beaver Creek Spring not considering any recharge directly from Beaver Creek Spring. Since the proposed dugout site is after most of the irrigation withdrawals from Beaver Creek, it is likely irrigation water will seep into the underlying terrace deposit as well. Due to irrigation seepage and spring flow into the alluvial formation, it is likely that recharge to the terrace deposit is greater than 917 ac-ft/yr.

Discharge:

There are no water rights/permits authorized for withdrawal from these terrace deposits. This application, if approved, would be authorized to appropriate up to two feet of water per acre per year for a total of 80 ac-ft/yr. However, there are 12 water rights authorized to withdraw water from Beaver Creek and one of those, Water Right No. 892-2, is also authorized to withdraw from the Quaternary Aged Alluvium underlying Beaver Creek just downstream of the Beaver Creek Spring (Water Rights, 2014b). The water use by Water Right Nos. 892-2 and 2573-2, both for Steve Simpson of Trout Haven Ranch, are for non-consumptive use of Beaver Creek waters and loss of flow caused by Water Right Nos. 892-2 and 2573-2 in Beaver Creek is to be supplemented by the well authorized by Water Right No. 892-2. The other 10 water rights authorized to withdraw water from Beaver Creek are for irrigation and authorize the irrigation of 1,764 acres with 1,385.7 acres overlying the terrace deposit. Each of the water rights currently authorized to withdraw water from Beaver Creek is allowed to apply up to three feet of water per acre per year. That is a maximum allowed use of 5,292 ac-ft/yr downstream of Beaver Creek Spring with 4,157.1 ac-ft/yr of that authorized for application on top of the terrace deposits.

There are a number of domestic wells on file with the SD DENR-Water Rights Program (Water Rights, 2014c). The expected use by these domestic wells is approximately two ac-ft/yr. This estimate is based on 70 gallons per day per capita (Carter and Neitzert, 2008), 2.5 persons per household, and using 2012 Farm Service Agency satellite imagery, estimating there to be 10 rural households in the area overlying the terrace deposit.

Hydrologic Budget:

Estimated recharge to the terrace deposit is 917 ac-ft/yr. Currently, there are no water rights/permits authorized to withdraw water from these terrace deposits. Domestic use is expected to be approximately two ac-ft/yr. The proposed dugout if approved may use up to 80 acre-feet per year. Therefore, there is a reasonable probability that unappropriated water is available for this proposed appropriation.

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 does not monitor any observation wells completed into the alluvial deposit from which this application proposes to withdraw water (Water Rights, 2014a).

EXISTING WATER RIGHTS:

There are no water rights/permits within approximately five miles of the proposed dugout that authorize the withdrawal of water from the terrace deposits or the alluvium underlying Beaver Creek. There are a number of domestic wells on file with the SD DENR-Water Rights Program within approximately 1.5 miles (Water Rights, 2014c). A domestic well is on file with the DENR-Water Rights Program within the same section as the proposed dugout. However, there is insufficient location data to identify the well's proximity to the dugout (Water Rights, 2014c). All other domestic wells on file with the DENR-Water Rights program are at least 5,000 feet away from the proposed dugout (Water Rights, 2014c).

In the past, the Water Management Board has recognized that to place water to maximum beneficial use, a certain amount of drawdown may occur. Since the aquifer is under unconfined conditions drawdown due to pumping should not be significant far from the well site. Also, there has been limited development of the terrace deposit as a groundwater source. Therefore, nearby adequate wells are not expected to be adversely or unlawfully impaired by the proposed diversion.

This Quaternary Aged Terrace deposit is a relatively thin aquifer with a limited amount of water in storage. While the average annual withdrawal would not exceed average annual recharge to the aquifer, conditions may occur when the withdrawal exceeds recharge. When this occurs, water will be removed from storage, consequently reducing the saturated thickness of the aquifer. If the saturated thickness is reduced to the extent that water rights/permits or adequate domestic wells can no longer pump at their developed or “historically established” diversion rates, this may be considered an adverse impact. If approved, the water permit should include a qualification that the owner should 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.

Assuming the same hydraulic conductivity (100 ft/d), saturated thickness (7.5 feet), storativity (0.15), pumping duration (185 days), and average constant pump rate (0.04 cfs) as previously in this report, drawdown is expected to be approximately 0.23 feet at 1,300 feet from the dugout. The proposed dugout is approximately 4,200 feet from Beaver Creek, 1,300 feet from the Beaver Creek irrigation canal, and located after all of the Beaver Creek irrigation withdrawals. At these distances, pumping at the proposed dugout is not expected to significantly impact the water flows in Beaver Creek or the Beaver Creek irrigation canal.

Except during periods of high flows, flows in Beaver Creek are dependent on the groundwater level being higher than the creek bed. Increased groundwater pumping from the area may cause a reduction of groundwater levels, and Beaver Creek may experience longer periods and longer distances of reduced or no flow. SDCL 46-1-4 states:

“It is hereby declared that, because of conditions prevailing in this state, the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable...”

Preserving saturated alluvium to maintain surface water flow may inhibit putting water to the maximum beneficial use as required in SDCL 46-1-4.

CONCLUSIONS:

1. This application proposes to appropriate water from the Quaternary Aged Terrace deposit and incidental surface runoff at a maximum diversion rate of 0.56 cfs from a dugout for the irrigation of 40 acres.
2. Based on the limited saturated thickness and hydraulic conductivity of the terrace deposit, this project may not be feasible.

3. There is a reasonable probability that unappropriated water is available from the Quaternary Aged Terrace deposits.
4. Due to the aquifer characteristics, proposed dugout location, and small pump rate, the proposed diversion is not expected to adversely impact existing appropriative or domestic users.
5. Impacts to surface water flows in Beaver Creek by pumping this proposed appropriation are not likely to be impacted.
6. Theoretically, withdrawals from this thin aquifer may reduce the saturated thickness, which may be considered an adverse impact to adequate wells. However, this is not expected to occur.
7. Theoretically, withdrawals from this thin aquifer may reduce discharge from the aquifer to surface waters. This reduction in discharge may prolong reduced flows in the creek during dry conditions. However, this is not expected to occur.



Adam Mathiowetz
SD DENR-Water Rights Program

Approved by:



Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

- Bear, J. 1988. Dynamics of Fluids in Porous Media. Dover Publishing, Mineola, New York. ISBN: 0486656756. 784 p.
- Carter, J.M. and K.M. Neitzert. 2008. Estimated Use of Water in South Dakota, 2005: U.S. Geological Survey Scientific Investigations Report 2008-5216. 30 p.
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- Water Rights. 2014a. Observation Well Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- Water Rights. 2014b. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- Water Rights. 2014c. Well Completion Reports. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.

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WATER RIGHTS
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AFFIDAVIT OF PUBLICATION

State of South Dakota)
) ss.
County of Fall River)

Brett Nachtigall of Hot Springs, Fall River County, South Dakota, being duly sworn, upon oath says that he is the publisher of the Hot Springs Star, as a legal newspaper, as defined in SDCL 17-2-2.1 through 17-2-2.4 inclusive, and is published at Hot Springs, county and state aforesaid; that the advertisement headed -

#498 Notice of
Application

a true printed copy thereof is hereunto annexed, was published in the said Hot Springs Star, in the regular and entire issue of said paper,

for one

successive issues, beginning with the issue dated _____

May 13, 2014

and ending with the issue dated _____

May 13²⁰ 14

That the full amount of the fee charged for the publication of said notice is

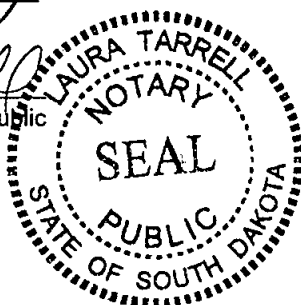
\$ 22.28, and that no agreement or understanding, for the division thereof, has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever, that the whole amount insures to the benefit of the publishers of said newspaper.

Brett Nachtigall
Subscribed and sworn to before me

this 29 day of May

2014
Laura Tarrell
Notary Public

My Commission Expires
December 3, 2019



498

NOTICE OF APPLICATION
NO. 2724-2

to Appropriate Water

Notice is given that Lloyd or K.E. Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 have filed an application for a water permit to appropriate 0.56 cubic feet of water per second from a dugout (approximately 2 acre feet of water capacity) located in the NW 1/4 SE 1/4 Section 4 for irrigation of 40 acres located in the SW 1/4 SE 1/4 Section 4; all in T7S-R7E.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2724-2 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, Foster 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 May 23, 2014.

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 \$22.28.

May 13

Affidavit of Publication

STATE OF SOUTH DAKOTA

County of Pennington

SS:

RECEIVED

MAY 30 2014

WATER RIGHTS
PROGRAM

May 14
L20863627

NOTICE OF APPLICATION

NO. 2724-2 to Appropriate Water
Notice is given that Lloyd or K.E. Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 have filed an application for a water permit to appropriate 0.56 cubic feet of water per second from a dugout (approximately 2 acre feet of water capacity) located in the NW 1/4 SE 1/4 Section 4 for irrigation of 40 acres located in the SW 1/4 SE 1/4 Section 4; all in T7S-R7E.

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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 (605 773-3362)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by May 23, 2014.

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. Pinner, Secretary, Department of Environment and Natural Resources.

(Published once at the total approximate cost of \$38.40).

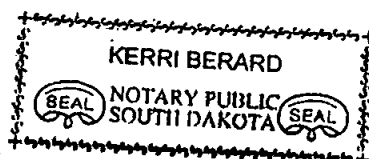
Brandyn Crawford being first duly sworn, upon his/her oath says: That he/she is now and was at all time hereinafter mentioned, an employee of the RAPID CITY JOURNAL, a corporation of Rapid City, South Dakota, the owner and publisher of the RAPID CITY JOURNAL, a legal and daily newspaper printed and published 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 in the English language, at and within an office maintained by the owner and publisher thereof, at Rapid City, in said Pennington County, and has been admitted to the United States mail under the second class mailing privilege for at least one year prior to the publication herein mentioned; that the advertisement, a printed copy of which, taken from said Rapid City Journal, the paper in which the same was published, is attached to this sheet and made a part of this affidavit, was published in said paper once each

Week for one successive Week, the first publication there of being on the 14th day of May that the fees charged for the publication there of are 14 dollars and four cents.

Subscribed and sworn to before me this 28th day of May, 2014.

Kerri Berard
Notary public

KERRI BERARD
NOTARY PUBLIC
MY COMM. EXP. AUGUST 21, 2019



My commission expires



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



May 2, 2014

Hot Springs Star
PO Box 100
Hot Springs SD 57747

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 2724-2 to Appropriate Water. Please publish the notice once on May 13, 2014. 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 Lloyd or K.E. Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 (Ph # 605-833-2132).

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

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



May 2, 2014

Rapid City Journal
PO Box 450
Rapid City SD 57701

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 2724-2 to Appropriate Water. Please publish the notice once on May 13, 2014. 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 Lloyd or K.E. Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 (Ph # 605-833-2132).

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Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



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

May 2, 2014

Lloyd or K.E. Flock
13868 Beaver Creek Rd
Buffalo Gap SD 57722

Dear Sir:

Water Permit Application No. 2724-2 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 Hot Springs Star printed at Hot Springs SD (Ph # 605-745-4170) and the Rapid City Journal printed at Rapid City SD (Ph # 605-394-8300). 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 May 13, 2014. 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. 2724-2 to Appropriate Water

Notice is given that Lloyd or K.E. Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 have filed an application for a water permit to appropriate 0.56 cubic feet of water per second from a dugout (approximately 2 acre feet of water capacity) located in the NW 1/4 SE 1/4 Section 4 for irrigation of 40 acres located in the SW 1/4 SE 1/4 Section 4; all in T7S-R7E.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2724-2 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.

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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

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



JUN 18 2014

Lloyd or K E Flock
13868 Beaver Creek Rd
Buffalo Gap SD 57722

Dear Sir or Madam:

Enclosed is Water Permit No. 2724-2 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,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures



2724-2

**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 15, 2016

NOTICE

TO: LLOYD & K.E. FLOCK, 13868 BEAVER CREEK RD, BUFFALO GAP, SD 57722

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2015 Irrigation Questionnaire(s)

Our records indicate your 2015 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 2724-2. The request for the Questionnaire was dated October 23, 2015. The Water Management Board has directed that owners of water permits who have not submitted the 2015 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) 2724-2 qualification:

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

The hearing will be held at **Thursday, March 3, 2016 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) 2724-2 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 3, 2016** 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: <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
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 9, 2016

2724-2

Lloyd & K E Flock
13868 Beaver Creek Rd
Buffalo Gap SD 57722

Dear Mr. & Mrs. Flock:

I am writing to acknowledge receipt of your 2015 irrigation questionnaire.

You may disregard the January 15, 2016, "Notice" concerning reporting requirements for Water Permit No. 2724-2. 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
email: genny.mcmath@state.sd.us

**NOTICE OF COMPLETION OF WORKS AND
 APPLICATION OF WATER TO BENEFICIAL USE**

MAIL TO: PMB 2020
 DENR - Water Rights Program
 523 E Capitol Ave
 Pierre, SD 57501-3182
 ph. (605) 773-3352

Date 8/7/18

FROM: Lloyd Flock
(name)
13868 Beaver Creek Rd
(address)
Buffalo Gap S.D. 57722 605-833-2132
(city) (state) (zip) (phone)

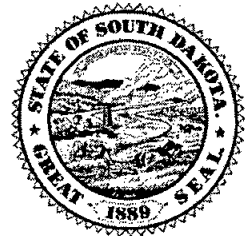
I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 2724-2 states that the water use system is to be constructed by
5/23/19, and water is to be put to beneficial use by 5/23/23
(date) (date)

The water use system was completed on 10/2014
(date)

Applying the water to beneficial use was completed on 2015
(date)

You may schedule an investigation so that the water license may be issued.



X Lloyd Flock

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 2724-2

I have this day, Aug 7, 2018 made a thorough examination of the water use system constructed by Lloyd or K E Flock, 13868 Beaver Creek Rd., Buffalo Gap, SD 57722 of Permit No. 2724-2, bearing the priority of 2/19/2014 authorizing the diversion of 0.56 cu. ft. per second of water from a dugout for irrigation purposes in Fall River County.

Inspection contact & relationship to permit holder, if applicable: **K E Flock, owner**
605-833-2132

A) Dugout Information

- 1) Surface Dimensions 155' x 70'
 - 2) Depth 10 feet (actual water depth varies from 6 – 10' with the season).
 - 3) Storage Volume 2.0 acre feet
- Note: The dugout typically recharges in about 5 hrs after 5 hours of pumping.

B) Pump:

- 1) Make Berkeley
- 2) Model B3ERBL
- 3) Size 10.43" impeller
- 4) Capacity 250 GPM @ 125 Ft Head @ 2,150 RPM
- 5) Power Propane

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

- 1) Type PVC pipe
- 2) Size 6 inches
- 3) Length 960 feet

D. Works used to apply water to beneficial use:

Center Pivot:

- 1) Make T&L
- 2) Machine length 642.3 feet
- 3) Number of towers 4 End Gun 91.7 feet
- 4) Capacity 250 gpm
- 5) Acres 38.9

E. Chemigation Equipment:

- 1) Does chemigate No

F. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Yes
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Yes
List any extended period of nonuse: none
- 3) Exceptions to compliance are: none

G. Condition and Location:

1. The system is in good condition with the point of diversion located as follows:
1,704' N and 2,068' W of SE corner Section 4 T7S R7E (43.467638, -103.290326)
2. The works are capable of diverting and conveying to the place of use 0.56 cu. ft. per second of water (250 gpm) which is to be used for sprinkler irrigation use. Water has been put to beneficial use to the maximum extent as follows:

Section 4 T7S R7E
SW ¼ SE ¼ 38.9 acres

comprising a total of 38.9 acres of land and the license should be issued for 0.56 cfs .
All structures and lands on map Yes

H. Comments or other permit(s) associated with the project: none

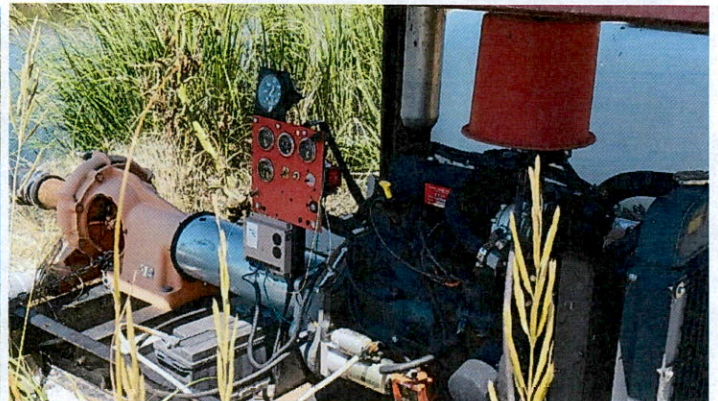
Steven Quissell

Steven Quissell
Water Rights Inspector
DENR Water Rights Program

Date report completed: 8/8/2018



Dugout, pump intake at upper left

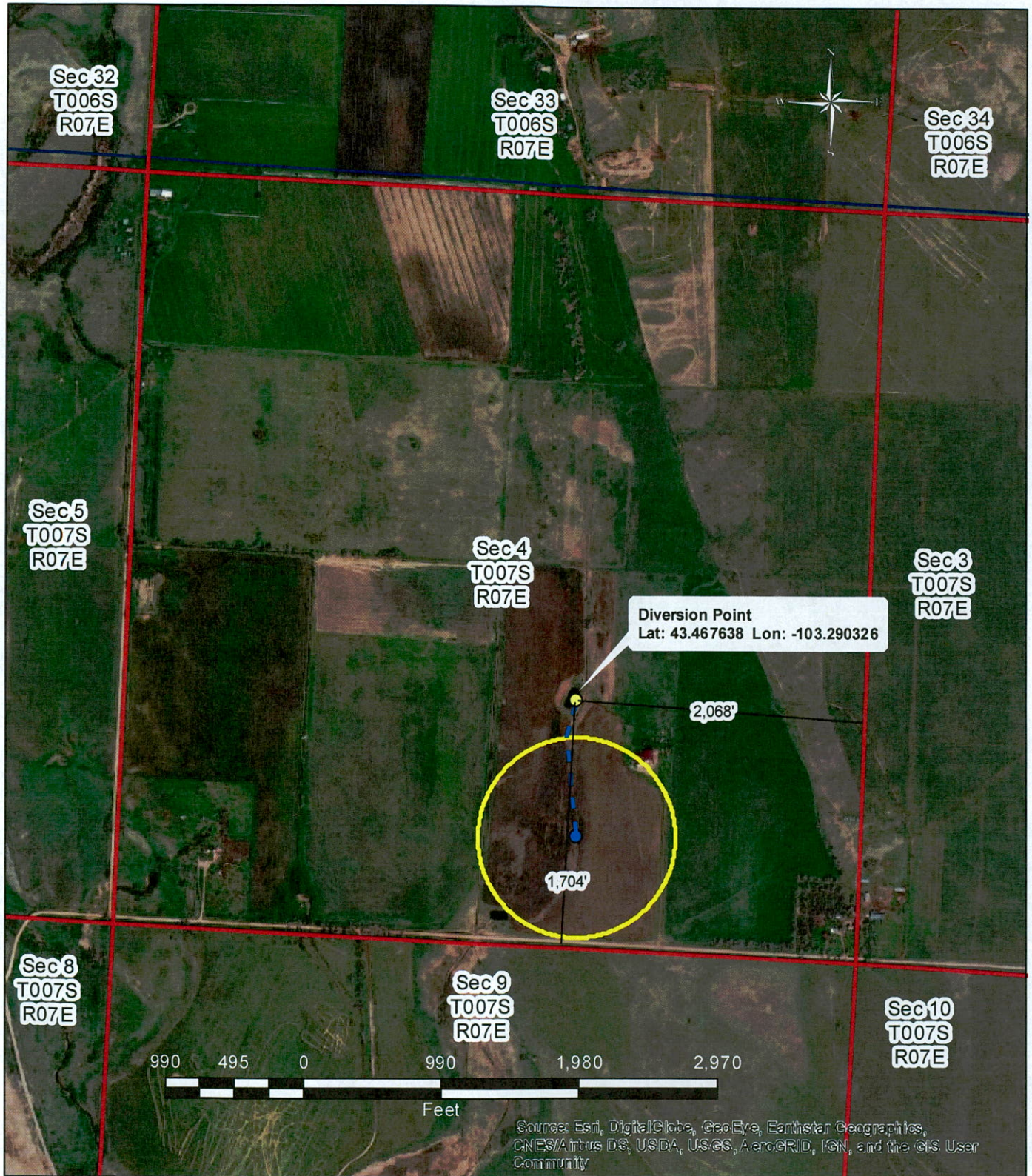


Pump and propane powered engine

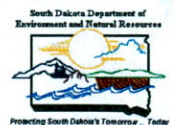


Pivot

Water Right #2724-2
Lloyd or K E Flock
8/7/2018



Steven Quissell
Water Rights Inspector
DENR Water Rights Program





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

SEP 26 2018

2724-2

Lloyd or K E Flock
13868 Beaver Creek Rd
Buffalo Gap SD 57722

Dear Mr. & Mrs. Flock:

Enclosed is Water License No. 2724-2. 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.

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.

Sincerely,


Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2724-2

(1) Lloyd or K E Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 made Application No. 2724-2, February 19, 2014 for a water permit to divert 0.56 cubic feet of water per second from a dugout (2 acre feet capacity), Fall River County, South Dakota for irrigation purposes. Permit No. 2724-2, with a priority date of February 19, 2014 was approved May 23, 2014 and issued to the applicants for diversion of water with construction of the described water supply system to be completed on or before May 23, 2019 and for the application to beneficial use of water on or before May 23, 2023.

(2) It is certified that the permit holders have complied with the provisions of South Dakota State Law relating to construction of the water supply system and are entitled to divert 0.56 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,704'N and 2,068'W of the SE corner of Section 4, T7S, R7E (NW ¼ SE ¼)
Latitude 43.467638, Longitude -103.290326

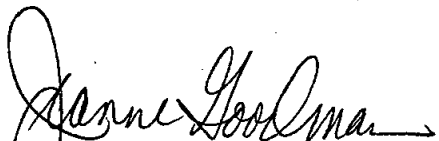
(3) The permit holders have complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

- Section 4, T7S, R7E SW ¼ SE ¼ 38.9 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Lloyd or K E Flock, 13868 Beaver Creek Rd, Buffalo Gap SD 57722 the holders and/or owners of Water Right No. 2724-2 are issued a license to appropriate water, the right to use 0.56 cubic feet of water per second from a dugout (2 acre feet capacity) with a priority date of February 19, 2014 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 2724-2 and subject to the following qualifications:

- The diversion of water from the dugout under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The 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.
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

SEP 26 2018

date





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: LLOYD & K.E. FLOCK, 13868 BEAVER CREEK RD, BUFFALO GAP, SD 57722

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) 2724-2. 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) 2724-2 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) 2724-2 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: NDUFEI**

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, 2025

2724-2

Lloyd & K.E. Flock
13868 Beaver Creek Rd
Buffalo Gap SD 57722

Dear Mr. Flock:

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). 2724-2. 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