

WATER PERMIT NO. 6890-3

Name of Applicant: **John Pesek**

Address: **41321 304th St, Tyndall SD 57066** Phone: **605 589-3190**

Amount of Water Claimed: **1.05 cfs** Total Acres: **NA**

Source of Water Supply: **Emanuel Creek**

Water to be used for: **recreation and fish & wildlife propagation** County: **Bon Homme**

Type of Waste Disposal System:

Location: **2 miles west of Tyndall**

PRIORITY Date Received: **9-4-07** Application/License Fee: **\$200**

Corrected Application Received: Period of Annual Use: **March 1 – October 31**

Remarks: **pump from Emanuel Creek to fill storage dam during spring runoff**

Diversion Point: **NW ¼ NE ¼ Sec 10-T94N-R60W**

Land to be Irrigated: **NA**

Depth of Well: **NA**

Well Driller:

Remarks:

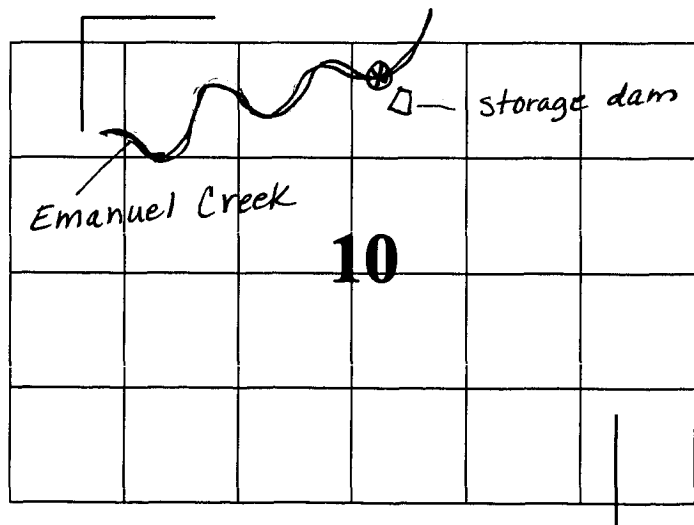
Type of Map: **aerial**

Prepared by: **Mark Rohlbing, BH Co FSA**

Reviewed and the Number Assigned on: **9-10-07**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



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

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6890-3</u> (office use only)	Hydrologic Unit <u>10170101</u>
	Basin <u>Missouri River</u>	
	Newspaper <u>Tyndall Tribune & Register</u>	<u>P.O. Box 520</u>
	<u>605-589-3242 (Wed)</u>	<u>Tyndall 57066</u>

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SEP 04 2007

WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

- | | | | |
|---|---|---|--|
| ☐ Municipal | ☐ Suburban Housing | ☒ Recreational | ☐ Institutional |
| ☐ Rural Water System | ☐ Commercial | ☒ Fish & Wildlife | ☐ Geothermal Heat |
| ☐ Domestic (over 18 gpm) | ☐ Industrial | ☐ Other | |

Type of Application:
(check one)

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

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

1. Name of Applicant John Pesek Phone (605) 589-3190
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 41321 304th St. Tyndall State S.D. 57066
(Street, RR, or Box and City) (Zip Code)

2. Amount of water claimed 1.05 *CFS or 475 **GPM 14 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Emanuel Creek

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Bon Homme
Section 10 Albion Township T-94 N R-60 W NE 1/4 NW 1/4 NE 1/4

5. County or counties where water will be used Bon Homme Jan 1 - May 31

6. Annual period during which water is to be used Early Spring - when Emanuel Creek is flowing at

7. Give a description of the project. When available include any preliminary engineering report or other reports of information that will help explain the project. (Attach sheet if more space is needed)

I wish to pump water from Emanuel creek to a farm dam located approximately 500 ft. away. This would happen only when we have dry conditions, where normal rainfall and run off would not fill dam.

STATE OF SOUTH DAKOTA

County of Bon Homme

SS

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, John Pesek, 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 John Pesek

Subscribed and sworn to before me this 24th day of August 20 07

David J. Sutera
Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 6890-3

Date of first receipt of application September 4, 2007.

Date of return to applicant for corrections, amendments or changes September 7, 2007.

Date of receipt of corrected application September 10, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6890-3 to John Pesek, 41321 304th St, Tyndall SD 57066 authorizing the construction of the dam and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6890-3 authorizes impoundment 14 acre-feet of water by constructing a dam located in the NW ¼ NE ¼ Section 10 with water impounded in the NW ¼ NE ¼ Section 10; all in T94N-R60W. The permit also appropriates 1.05 cubic feet of water per second from Emanuel Creek to maintain water level in the dam. The diversion point from the creek is located in the NW ¼ NE ¼ Section 10-T94N-R60W.
2. The water appropriated shall be used for the purpose of fish and wildlife propagation and recreational use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 6890-3 is December 3, 2007.
5. The date from which applicant may claim right is September 4, 2007.
6. One-fifth of the construction is to be completed on or before June 3, 2010.
7. All construction is to be completed on or before December 3, 2012.
8. Water is to be put to beneficial use on or before December 3, 2016.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. Water Permit No. 6890-3 authorizes a dam with a storage capacity of 14.0 acre feet of water and sufficient water annually to maintain the water level to the outlet elevation.
2. Water may be diverted from Emanuel Creek only during high flow events to provide an annual one time fill each year. At no time may the entire creek flow be diverted and low flows as needed for downstream domestic use, including livestock water and prior water rights must be by-passed. Pumping is allowed each year through May 31st.

WATER MANAGEMENT BOARD

By: Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

DEC 13 2007

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
 On applicants property _____ 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

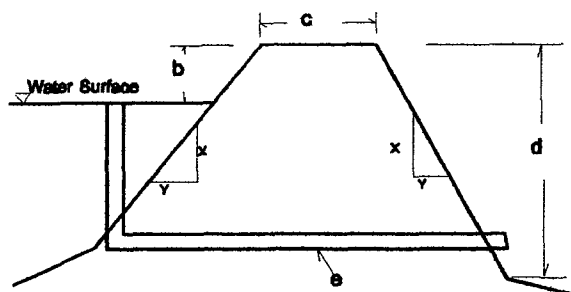
3. Dugout Information

- 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:

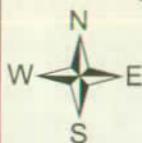
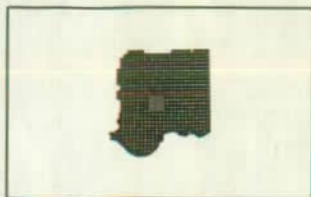


- b) Freeboard _____
- c) Crest Width 200 ft. at d.i.k.
 Crest Length 500 ft
- d) Height 12 - 15 ft
- e) Primary Outlet Capacity _____
 If pipe, diameter _____
- f) Secondary Spillway Capacity _____
 Spillway Width _____
- g) X & Y Slope _____
 Upstream _____
 Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage 14 Acre Feet
- j) Drainage Area Above Dam _____ Acres

this is the dam we would
be pumping water to.



USDA U.S. Dept. of Agriculture
Farm Service Agency



South Dakota

Bon Homme County

10-94N-60W

Legend

- Wetlands
- Tract Boundaries
- Section-Township-Range
- Easements
- CRP
- Common Land Units
- /// Rangeland

USDA FSA maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or the 2004 ortho rectified imagery for South Dakota. The producer accepts the data 'as is' and assumes all risks associated with its use. The USDA Farm Service Agency assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside of FSA Programs.

December 27, 2006

Probability (percent)	Runoff (acre-ft per sq mi)
10	200
25	100
50	60
75	30
90	20

Average runoff is 80 acre-ft per sq mi which is considerably larger than the 50 percent probability of 60 acre-ft per sq mi annual runoff. To determine the annual runoff for any probability, multiply the runoff figure listed above by the drainage area. For example, to determine the annual runoff that will be equaled or exceeded 10 percent of the time for Emanuel Creek, multiply the drainage area of 182 sq mi, as listed in table 1, by 200 acre-ft per sq mi, as listed above, thus obtaining a value of 36,400 acre-ft.

Missouri River

The Missouri River is the largest stream in the area. Discharge of the Missouri River has been measured below Fort Randall Dam since May 1947. Flow had been regulated by Fort Peck Dam in Montana prior to 1952 and by Fort Randall Dam thereafter. Average discharge for the period of record (U. S. Geological Survey, 1968) is 22,890 cfs. Maximum discharge during the period of record was 447,000 cfs on April 12, 1952. Water, other than that from Lewis and Clark Lake, is unused in Bon Homme County.

Choteau Creek

Choteau Creek drains 613 sq mi in Davison, Aurora, Douglas, Charles Mix, and Bon Homme Counties. The 69.5 sq mi part of the drainage area in Bon Homme County consists of dissected till plains and a well-defined flood plain along the lower reaches of Choteau Creek. A gaging station was established for this study at 93-62-23bdd to determine amount of flow in the creek. Monthly mean discharges are listed in table 2. The maximum peak discharge for the period May 16, 1966 to October 31, 1968 was 3,140 cfs (gage height, 9.11 ft) at 1200 hours on June 19, 1967. The minimum discharge for the same period was 0.60 cfs on September 5, 1966. It is believed that the flood on June 19, 1967, has been exceeded only once in the last 20 years. A flood at a gage height of about 11 feet occurred in March 1962. Base flow of Choteau Creek is ground water derived from the Choteau aquifer.

Water is unused except as stock water in a few small dugouts and small stock dams.

Table 2.—Monthly mean discharge of Choteau Creek
(units of discharge are cfs)

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1966									6.44	1.84	1.34	0.72
1967	1.08	1.68	1.84	2.28	2.36	3.14	2.61	2.54	180	27.2	64.5	3.50
1968	2.61	1.87	2.21	2.11	2.35	2.35	4.03	1.31	1.43	6.32	1.76	8.88

Emanuel Creek

Emanuel Creek has a drainage area of 182 sq mi, 154 of which is in Bon Homme County. The creek, which drains an area of till plains, flows into Lewis and Clark Lake. Its lower

reaches are characterized by a small but well-defined flood plain. A gaging station was established for this study at 93-60-27dbb. Monthly mean discharges are listed in table 3. Source of base flow is springs that discharge water from the Tyndall-Scotland and Niobrara aquifers.

Maximum discharge for the period May 16, 1966, to October 31, 1967, was 1,590 cfs (gage height, 7.11 ft) on June 19, 1967, at 1445 hours. Minimum discharge for the same period was 1.16 cfs on September 12, 1966. Several floods have been observed by local residents in the last 20 years at crests 2 to 3 feet above the peak recorded on June 19, 1967.

Water is unused except as stockwater in a few small dugouts and stock dams.

Table 3.—Monthly mean discharge of Emanuel Creek
(units of discharge are cfs)

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1966									3.59	1.66	1.97	1.50
1967	2.26	2.72	3.00	3.18	3.32	4.06	3.06	3.01	125	9.13	7.33	2.24

Lewis and Clark Lake

Lewis and Clark Lake is formed by Gavins Point Dam, which is on the Missouri River $7\frac{1}{2}$ miles east of the southeast corner of the county. Storage began in July 1955. Normal maximum capacity below altitude 1,208.0 ft is 477,000 acre-ft. Water is used primarily for downstream navigation, recreation, power, and flood control. Four residents in the county have used the water for irrigation. The city of Springfield used an estimated 207 acre-ft of this water for domestic purposes in 1968.

Lake Henry

Lake Henry is formed by impoundment of water behind a small dam located on Dawson Creek at 96-58-9. The lake is used for recreation.

Other Surface-Water Bodies

There are many small lakes and ponds in the county. Most of the lakes are less than 4 feet deep, and commonly dry up during periods of drought. These lake areas are a habitat for wildlife, but are not otherwise used. The many small dams and dugouts in and along the creeks have little storage and do not hold water permanently.

Ground Water

Definitions

Ground water is that water which occurs beneath the surface of the ground in the saturated zone. The ground is said to be saturated when all the voids are filled with water. A soil or rock material that yields water to wells or springs at a sufficient rate to be used as a water supply is called an aquifer. If ground water is confined it is said to be under artesian conditions. If ground water is only under atmospheric pressure, it is unconfined, or it is said to be under water-table conditions. Artesian and water-table conditions are shown graphically in figure 5.

The level to which water will rise in a well is termed the potentiometric level. The potentiometric level is the water surface at atmospheric pressure. For water-table conditions, this surface (water table) is within the aquifer; whereas, for artesian conditions it is an imaginary surface above the aquifer. The shape of the water table or potentiometric

similar quality of water from wells that are finished in these aquifers at locations in Township 94 North and Range 60 West.

An apparent chemical anomaly exists at the municipal well in the Codell aquifer at Avon where the hardness of water is considerably greater than the hardness of water in the Codell aquifer from nearby wells (Jorgensen, 1968). Increased hardness of the water at Avon is due to mixing of Dakota and Codell waters. Dakota water, which is under greater artesian pressure than Codell water, flows into the Codell aquifer through a rupture in the casing of an abandoned Dakota well. Many other cases of water mixing as the result of well-casing failures exist in the county, but the quantity of water involved is not as large as at Avon and the effects upon water quality are probably very localized.

SUMMARY

Water from Lewis and Clark Lake and from the Missouri River is suitable to use for irrigation, domestic, and stock purposes. The water has a low sodium hazard and a medium salinity hazard, and thus is suitable for irrigation use in soils with only moderate leaching.

Quality of water in Lake Henry is variable. This variation is seasonal and is due to the processes of evaporation, transpiration, freezing, and dilution. Because the water has a high to very-high salinity hazard, it should not be used on soils that are not permeable or well drained. The water is not recommended for domestic use because at times it is very high in dissolved solids; however, the water is suitable for stock use.

Limited information about the quality and quantity of the water in Choteau and Emanuel Creek indicates that the mineral concentration decreases as the rate of discharge increases. Water in the creeks is, in general, unsatisfactory for irrigation at commonly occurring low flow rates because of its high salinity. The water is suitable for domestic and stock use; however, at commonly occurring discharge rates the concentrations of iron, sulfate, and dissolved solids may exceed Federal drinking water recommendations.

Water from the alluvium and the shallow outwash aquifers is used as stock water. Wells finished in these aquifers yield water at rates of 1 to 10 gpm.

Till-aquifer water has a low sodium and a high salinity hazard; therefore, it is not suitable for irrigation under ordinary conditions. The aquifer yields water to wells at most locations at rates of 1 to 5 gpm. Most of the water is used for livestock.

Available quality-of-water data for the Tyndall-Scotland, Choteau, and Hubonmix aquifers indicates that these waters have a low sodium hazard and a high salinity hazard. Therefore, the waters are suitable for irrigation on soil with good drainage. Water from these aquifers is largely used for domestic and stock purposes. Properly constructed wells tapping these aquifers at locations at which the saturated aquifer thickness is more than 50 feet should yield water at rates in excess of 100 gpm.

The Niobrara aquifer can be expected to yield water with a low sodium hazard and a high salinity hazard which is suitable for irrigation on soils with good drainage. Yields of wells that are finished in the aquifer range from 2 to 100 gpm. Sites at which wells might produce more than 100 gpm can probably be found by drilling and aquifer testing.

The Codell aquifer yields relatively "soft" water which is widely used for domestic purposes. The water has a very high sodium hazard and a high-salinity hazard and is unsuitable for irrigation. Wells finished in the aquifer produce water at rates from 2 to 100 gpm.

The upper and lower Dakota aquifers yield water which has a low-sodium and a high salinity hazard. The water is suitable for irrigation on land with good soil drainage. Properly constructed wells tapping the lower Dakota aquifer could produce up to about 900 gpm.

Water suitable for domestic use can be expected from wells tapping the Choteau, Tyndall-Scotland, Niobrara, Codell, and the upper and lower Dakota aquifers. However, all the aquifers can be expected to supply water that has concentrations of dissolved solids and sulfate in excess of those recommended in the Federal drinking water standards.

Water from all aquifers sampled is classified as satisfactory to excellent for livestock.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 8/4, 2007

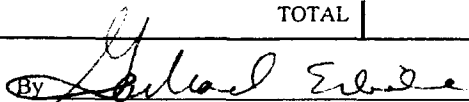
RECEIVED OF John Pesek 41321 304th St Tyndall SD 57066

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

Fee for Application for Permit No. <u>6890-3</u> to Appropriate Water, to construct and to put water to beneficial use	150	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>6890-3</u>	50	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	200	00

No.

03150

By 
Chief Engineer



8-30-07

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SEP 04 2007

WATER RIGHTS
PROGRAM

To Whom It May Concern:

Just a short note about what our plans are, and why we are applying for a water permit.

We have a farm dam which is suppose to have been built back in WPA days. We intend to fence the dam out so livestock can no longer stand in it. We are working with the Soil Conservation on planting trees on the north and south side of the dam. Also I have talked to the Game Fish and Parks person in our area on what we need to do in order to place fish in the dam and maintain them.

We are going to drain the dam, which is full of water right now. The reason for doing this is that there is a layer of silt and sedimentation on the bottom of the dam approximately two to three foot deep. The average water dept right now is approximately nine foot. We need to maintain a dept between twelve and fifteen in order to stock fish and keep them from freezing out in the winter. A contractor will clean out the dam after it the bottom becomes dry enough to do so.

Enclosed is two maps as requested showing dam and Emanuel Creek location. The dam is circled with yellow marker and the red dotted line goes from the dam to the creek. Also as requested the maps are both signed by our local Soil Conservation Director. Also enclosed is a check for \$200.00 for permitting fees to pump 14 acre feet or less of water from Emanuel Creek to our dam, a distance of approximately 500 feet, to maintain proper dept. Pumping water from Emanuel Creek would only be necessary when there was a lack of snowfall or spring rains for adequate runoff to maintain water level in dam. Emanuel Creek each spring has millions of gallons of water flowing down it causing some flooding problem for the County. Only at this time would we attempt to pump water for the creek. We have no desire or intention to jeopardize the flow of Emanuel Creek for our neighbors downstream or for our own use, as we have pastures downstream which we rely on the creek for livestock water. Also the small amount of \water we requesting to pump and the timing of pumping from the creek , I sincerely believe no one will notice a difference in Emanuel Creek.

We going to use and maintain the dam for family recreation and wildlife use.
I can be contacted by phone at (605) 589-3190 if you have any additional questions.

Thank you
John Pesek



Mr. John Pesek
41321 304th St.
Tyndall, SD 57066-5910



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

September 7, 2007

John Pesek
41321 304th St
Tyndall SD 57066

Dear Mr. Pesek:

Thank you for submitting the *Application for a Permit to Appropriate Water* for the 14 acre-foot storage dam for recreation and fish and wildlife use.

The only additional information required is what the pump rate will be from Emanuel Creek to the dam.

If you have any questions, please contact me.

Sincerely,

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

Water Rights Program - File Documentation

NAME: John Pesek

ADDRESS: Tyndall

DATE: 9-10-07 **COUNTY:** Bon Homme **TELEPHONE:** 605 589-3190

RE: Pending application

COMMENTS:

John Pesek called regarding my letter dated September 7, 2007. Mr. Pesek indicated that pump he has is capable of pumping **475 gallons per minute** and is 9 horsepower.

Mr. Pesek further stated it was his intention is to pump from the creek to the dam only in the spring as indicated in his letter.



Karen Schlaak
Environmental Scientist



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6890-3, John Pesek**

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. 6890-3, John Pesek, 41321 304th Street, Tyndall SD 57066.

The Chief Engineer is recommending APPROVAL of Application No. 6890-3 with qualification 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. Water Permit No. 6890-3 authorizes a dam with a storage capacity of 14.0 acre feet of water and sufficient water annually to maintain the water level to the outlet elevation.
2. Water may be diverted from Emanuel Creek only during high flow events to provide an annual one time fill each year. At no time may the entire creek flow be diverted and low flows as needed for downstream domestic use, including livestock water and prior water rights must be by-passed. Pumping is allowed each year through May 31st.

See report on application for additional information.

Garland Erbele, Chief Engineer
November 6, 2007

WATER PERMIT APPLICATION NO. 6890-3

**John Pesek
41321 304th Street
Tyndall, SD 57066
October 31, 2007**

Water Permit Application No. 5286-3, John Pesek, proposes to impound 14 acre-feet of water by constructing a dam located in the NW ¼ NE ¼ Section 10 with water impounded in the NW ¼ NE ¼ Section 10; all in T94N-R60W. This application requests impoundment of sufficient water to maintain water to the outlet elevation. The application also requests an appropriation of 1.05 cubic feet of water per second from Emanuel Creek to maintain the water level in the dam. The diversion point from the creek is also located the NW ¼ NE ¼ Section 10, T94N-R60W. The water is for fish and wildlife propagation and recreational use. The dam will also impound incidental surface water runoff. The requested period of annual use is from March 1 to October 31.

Review of the Project and Existing Water Rights

The applicant proposes to construct a 15 foot deep by 500 feet long by 200 feet wide dam capable of impounding approximately 14 acre-feet of water. Water from Emanuel Creek will be pumped to the dam at a rate of 1.05 cubic feet per second (cfs) sufficient enough to maintain water to the outlet elevation. The dam will also impound incidental surface water runoff.

Currently, there is one existing water right along Emanuel Creek. Water Right No. 5286-3, Vincent Boese, is located approximately six miles downstream from the applicants proposed diversion point. Water Right No. 5286-3 is authorized to divert 1.42 cfs of water from two wells which pump water into the creek. The water is then pumped from the creek to the irrigation system to irrigate 100 acres.

Review of the Water Source

The proposed water source is Emanuel Creek in Bon Homme County. Emanuel Creek has a drainage area of 182 square miles, 154 of which are in Bon Homme County. The headwaters for Emanuel Creek are near Tripp, SD in Hutchinson County. The creek flows southeast into Bon Homme County to Lewis and Clark Lake near Springfield, SD.

Currently, the United States Geological Survey (USGS) does not have an active stream flow gaging station along Emanuel Creek. However, a gaging station was established in a study conducted in 1966 and 1967 (Jorgenson, 1971) along the creek approximately nine miles downstream from the proposed site near Springfield, SD. Monthly mean discharges are listed in Table 1.

Table 1 Emanuel Creek Monthly Mean Flow (cfs) Springfield, SD

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1966									3.59	1.66	1.97	1.5
1967	2.26	2.72	3.00	3.18	3.32	4.06	3.06	3.01	125			

Maximum discharge for the period May 16, 1966, through October 31, 1967, was 1,590 cfs on June 19, 1967. Minimum discharge for the same time period was 1.16 cfs on September 12, 1966. Average monthly mean flow for the period June, 1966 through May, 1967 was 2.77 cfs and does not take into consideration the major precipitation event in June, 1967.

As only one year of limited information is available for Emanuel Creek, the potential to be a reliable water source is difficult to assess. Because Emanuel Creek data is very limited, the availability of water is a concern. It is probable that sufficient water will be available to fill a dam of this size during high flow spring run-off events and refill the dam to the outlet elevation in the fall when sufficient flows are available. Water may also be available during wetter climatic conditions. Emanuel Creek cannot be considered a reliable source of water during dry climatic conditions.

Daily evaporation data was also obtained from the U.S. National Weather Service (NWS) in Sioux Falls, SD for the period May through September for years 2001 through 2007. The method used by the NWS to obtain daily evaporation values is by using a land pan which differs from actual reservoir evaporation rates. The chief reason is the difference between the water depth in the pan and the depth of the surface layer of reservoir water. The pan may also gain or lose heat through the sides and bottom, a process that does not occur in reservoirs. For these reasons, observed pan evaporation is multiplied by a factor with a value less than 1.0 to estimate reservoir evaporation during the periods of observation. In the Midwest, a pan coefficient of 0.75 is used to estimate reservoir evaporation (C.W. Fetter). Daily land pan evaporation values from the NWS are listed in Attachments 1-8. Total average evaporation for this period is 34.24 inches and does not include values for the month of September in 2007 because the data was not yet available. Using the land pan evaporation values obtained from the NWS, and multiplying it by the 0.75 pan coefficient, the estimated total average reservoir evaporation loss for this period is 25.68 inches (2.14 ft). By using the formula $[(\text{Length} \times \text{Width} \times \text{Height}) \times (0.4)] / 43,560$, the value for the estimated loss of water to a dam this size is calculated to be approximately 1.97 acre-feet (641,881 gal). At the 1.05 cfs requested diversion rate, the applicant could be able to divert water from the creek a total of approximately 24 hours to replace the estimated water loss due to evaporation.

Other information obtained from the NWS indicated precipitation for the decade of the 1960's was third driest of the 20th century at 240.17 inches. However, only one year was among the top 5 driest - 1967 with 16.40 inches of precipitation. That year also saw the 5th driest July of the century with 0.53 inches of rain and the 4th driest May with 0.72 inches. This suggests the stream flow measurements taken in the 1967 study were taken in an abnormally dry year and flow in the creek would be expected to be greater in normal and wetter years of precipitation.

Discussion

Sufficient water may not be available throughout the entire requested period of use, particularly during the summer months to maintain water to the outlet elevation and still protect downstream domestic use and the existing water right. The possibility exists that pumping of water from Emanuel Creek at the requested rate could, in dry climatic conditions, dry up the creek. The use of water that would be appropriated by Water Permit No. 6890-3 should be allowed for an initial fill of the dam to the outlet elevation during spring run-off as long as the downstream water right

and domestic use are not adversely impacted. If approved, the water permit should contain a qualification that water can only be diverted from the creek during high flow events and at all times sufficient flow must be bypassing the diversion point while pumping to protect domestic use and the downstream existing water right.

Conclusion

1. Water Permit Application No. 5286-3, John Pesek, proposes to impound 14 acre-feet of water from Emanuel Creek by constructing a dam located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10 with water impounded in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10; all in T94N-R60W. This application requests impoundment of sufficient water to maintain water to the outlet elevation. The application also requests an appropriation of 1.05 cubic feet of water per second from Emanuel Creek to maintain the water level in the dam. The diversion point from the creek is also located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10, T94N-R60W. The water is for fish and wildlife propagation and recreational use. The dam will also impound incidental surface water runoff. The requested period of annual use is from March 1 to October 31.
2. The use of water that would be appropriated by Water Permit No. 6890-3 may be limited to an initial fill of the dam to the outlet elevation during spring high flow run-off events if there is adequate flow. Sufficient water may not be available throughout the entire requested period of use.
3. The possibility exists that pumping of water from Emanuel Creek at the requested rate could in dry climatic conditions, dry up the creek. If approved, the water permit should contain a qualification that water may only be diverted during high flow events and at all times sufficient flow must be bypassing the diversion point while pumping to protect domestic use and the downstream existing water right.
4. Emanuel Creek cannot be considered a reliable source of water during dry climatic conditions.



Mike DeFea
Natural Resources Project Engineer
DENR, Water Rights Program

Reviewed By:



Mark Rath
Natural Resources Engineer Specialist
DENR, Water Rights Program

REFERENCES

- Jorgenson, D.G., 1971, Geology and Water Resources of Bon Homme County South Dakota, Part 2; Water Resources, Bulletin 21, USGS.
- Fetter, C.W., 1994, Applied Hydrogeology, (3rd ed.),
New York; Macmillian College Publishing Company

Affidavit of Publication

State of South Dakota }
County of Bon Homme } SS

Rebecca Tyndall.....Being first duly sworn
says that the **Tyndall Tribune & Register** is a legal
weekly newspaper for publication of legal and other official
notices as required by Chapter 298 of the Session
Laws of South Dakota, 1939; that it has bona fide paid
circulation of more than two hundred copies weekly;
that it is published in English language in the City of
Tyndall, Bon Homme County, South Dakota, and has
been admitted to the United States mail under second
class mailing privilege for more than one year prior to
the first publication of the notice herein mentioned, and
that it is printed in an office maintained at the place of
publication at Tyndall, South Dakota, and that deponent
is the publisher in charge of the advertising department
of said newspaper; that the advertisement headed

Notice Appl. No. 6890-3

71 C37.2 + 80% X 1

a printed copy of which is hereto attached, was printed
and published in said newspaper for ~~the~~ successive
weeks, upon the following dates:

Nov. 14.....2007.....20.....

Nov. 21.....20.....20.....

.....20.....20.....

.....20.....20.....

That the full amount of the fee charged for the publication
of said notice, \$47.54, inures to the benefit
of the publisher of said newspaper, that no agreement or
understanding for the division thereof has been made
with any other person, and that no part has been agreed
to be paid to any person whomsoever.

Rebecca Tyndall

Subscribed and sworn to before me this

21st day of Nov.....2007.....

Peggy A. Schaefer
Notary Public, South Dakota

My Commission expires 10-24-2009.

NOTICE OF APPLICATION

NO. 6890-3 to Appropriate Water
Notice is given that John Pesek, 41321
304th St, Tyndall SD 57066 has filed an
application for a water permit to im-
pound 14 acre-feet of water by con-
structing a dam located in the NW 1/4
NE 1/4 Section 10 with water im-
pounded in the NW 1/4 NE 1/4 Section
10; all in T94N-R60W. This application
requests impoundment of sufficient
water to maintain water to the outlet
elevation. The application also requests
an appropriation of 1.05 cubic feet of
water per second from Emanuel Creek
to maintain water level in the dam. The
diversion point from the creek is also lo-
cated the NW 1/4 NE 1/4 Section 10,
T94N-R60W. The water is for fish and
wildlife propagation and recreational
use.

Pursuant to SDCL 46-2A-2, the Chief
Engineer recommends APPROVAL of
Application No. 6890-3 with conditions
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, un-
less a petition is filed opposing the ap-
plication or the applicant files a petition
contesting the Chief Engineer's recom-
mendation. If a petition opposing the
application or contesting the recom-
mendation is filed, then a hearing will
be scheduled and the Water Manage-
ment Board will consider this applica-
tion. 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 recom-
mendations must file a written petition
with BOTH the applicant and Chief En-
gineer. The applicant must file a petition
if contesting the Chief Engineer's recom-
mendation. The Chief Engineer's ad-
dress 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 peti-
tion filed by either an interested person
or the applicant must be filed by De-
cember 3, 2007.

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 sig-
nature and mailing address of the peti-
tioner 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 in-
formation pertaining to this application.
Steven M. Pirner, Secretary,
Department of Environment
and Natural Resources.

(Nov. 14 & 21)

RECEIVED
DEC - 3 2007
WATER RIGHTS
PROGRAM



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

November 6, 2007

Tyndall Tribune & Register
PO Box 520
Tyndall SD 57066

ATTENTION: Legal Public Notice

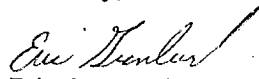
Enclosed is a Notice on Application No. 6890-3 to Appropriate Water to be published twice. Please publish the first notice on November 14, 2007 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is John Pesek, 41321 304th St, Tyndall SD 57066 (Ph # 605-589-3190).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** 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

-----CUT HERE-----

No. 6890-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of November 6, 2007 enclosing Notice to Appropriate Water by Application No. 6890-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

November 6, 2007

John Pesek
41321 304th St
Tyndall SD 57066

Dear Mr. Pesek:

Water Permit Application No. 6890-3 for fish and wildlife and recreational use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Tyndall Tribune & Register printed at Tyndall SD (Ph # 605-589-3242). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notices and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. 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 applications.

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 first Notice on November 14, 2007 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6890-3 to Appropriate Water

Notice is given that John Pesek, 41321 304th St, Tyndall SD 57066 has filed an application for a water permit to impound 14 acre-feet of water by constructing a dam located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10 with water impounded in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10; all in T94N-R60W. This application requests impoundment of sufficient water to maintain water to the outlet elevation. The application also requests an appropriation of 1.05 cubic feet of water per second from Emanuel Creek to maintain water level in the dam. The diversion point from the creek is also located the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10, T94N-R60W. The water is for fish and wildlife propagation and recreational use.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6890-3 with conditions 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 recommendations 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, 2007.

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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

DEC 13 2007

John Pesek
41321 304th St
Tyndall SD 57066

Dear Mr. Pesek:

Enclosed is Water Permit No. 6890-3 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

RECEIVED

SEP 10 2009

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate 9-6-09TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM:

John Perek

(name)

41321 304th St.

(address)

Tyndall S.D. 57066

(city, state, zip)

(605) 589-3190

(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. 6890-3 states that the water use system is to be constructed byDec. 3, 2012, and water is to be put to beneficial use by Dec 3, 2016.

(date)

(date)

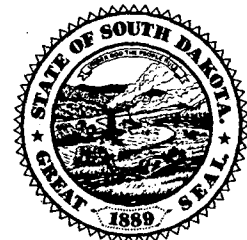
The water use system was completed on October 15th 2008.

(date)

Applying the water to beneficial use was completed on Sept. 1 2009.

(date)

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

John Perek
(signature)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

September 10, 2009

6890-3

John Pesek
41321 304th St
Tyndall SD 57066

Dear Mr. Pesek:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with your water use system.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

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

**Report of Examination of Works and/or Application of Water to Beneficial Use
For Permit No. 6890-3**

I have this day, January 24, 2019, made a thorough examination of the water use system constructed by John Pesek, 41321 304th St., Tyndall, SD 57066 of Permit No. 6890-3, bearing the priority of 9/4/2007 authorizing the diversion of 1.05 cu. ft. per second of the waters from Emanuel Creek for fish and wildlife propagation, and recreation purposes in Bon Homme County.

Inspection contact: John Pesek, Owner

A. Works used to put water to beneficial use:

- 1) Height to crest 20.7 feet from downstream toe.
- 2) Height to outlet pipe 14 feet from downstream toe.
- 3) Height to spillway 17.8 feet from downstream toe.
- 4) Crest width 14 feet
- 5) Crest length 300 feet
- 6) Spillway width 30 feet
- 7) Approx. storage to outlet pipe 14 ac-ft.
- 8) Approx. storage to spillway 24 ac-ft.
- 9) Approx. storage to crest 34.2 ac-ft.
- 10) Date constructed: July 15, 2008

B. Works used to put water to beneficial use:

- 1) This is an earth fill embankment utilizing a 14 foot wide top trapezoidal dam armored with rock riprap. The water impounded in the reservoir is put to beneficial use in-place.

C. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: Yes
Water is pumped to the reservoir during spring flows from Emanuel Creek.
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period. N/A
- 3) List any extended period of nonuse: None
- 4) Exceptions to compliance are: None

D. Condition and Location:

- 1) The system is in good condition with the point of diversion located as follows: 2,570 feet west and 240 feet south of the NE corner of Section 10 T94N R60W (42.980467, -97.921242, NW ¼ NE ¼).
- 2) The works are capable of diverting to the place of use 0.18 cu. ft. per second of water which is to be used for fish and wildlife propagation, and recreation purposes. Water has been put to beneficial use to the maximum extent and the license should be issued for 0.18 cfs.
- 3) All structures and lands on map Yes

E. Comments or other permit(s) associated with the project: The 80 gpm, 2 hp Sta-Rite Pump, Model No. DS3HG-01, is set out manually in the spring to pump water from Emanuel Creek to the reservoir through an underground 2" PVC pipe. The dam dimensions and storage area are from as-built plans that the owner had from NRCS. The dam is well maintained and in very good condition.

Keith DeJong

Keith DeJong
Water Rights Inspector
DENR, Water Rights Program

Date report completed: February 6, 2019



Looking Northeast at the Dam and Spillway



Looking East at the Overflow Pipe

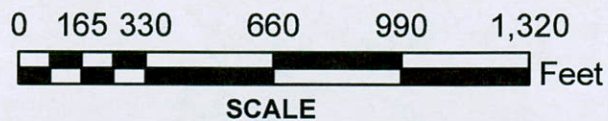
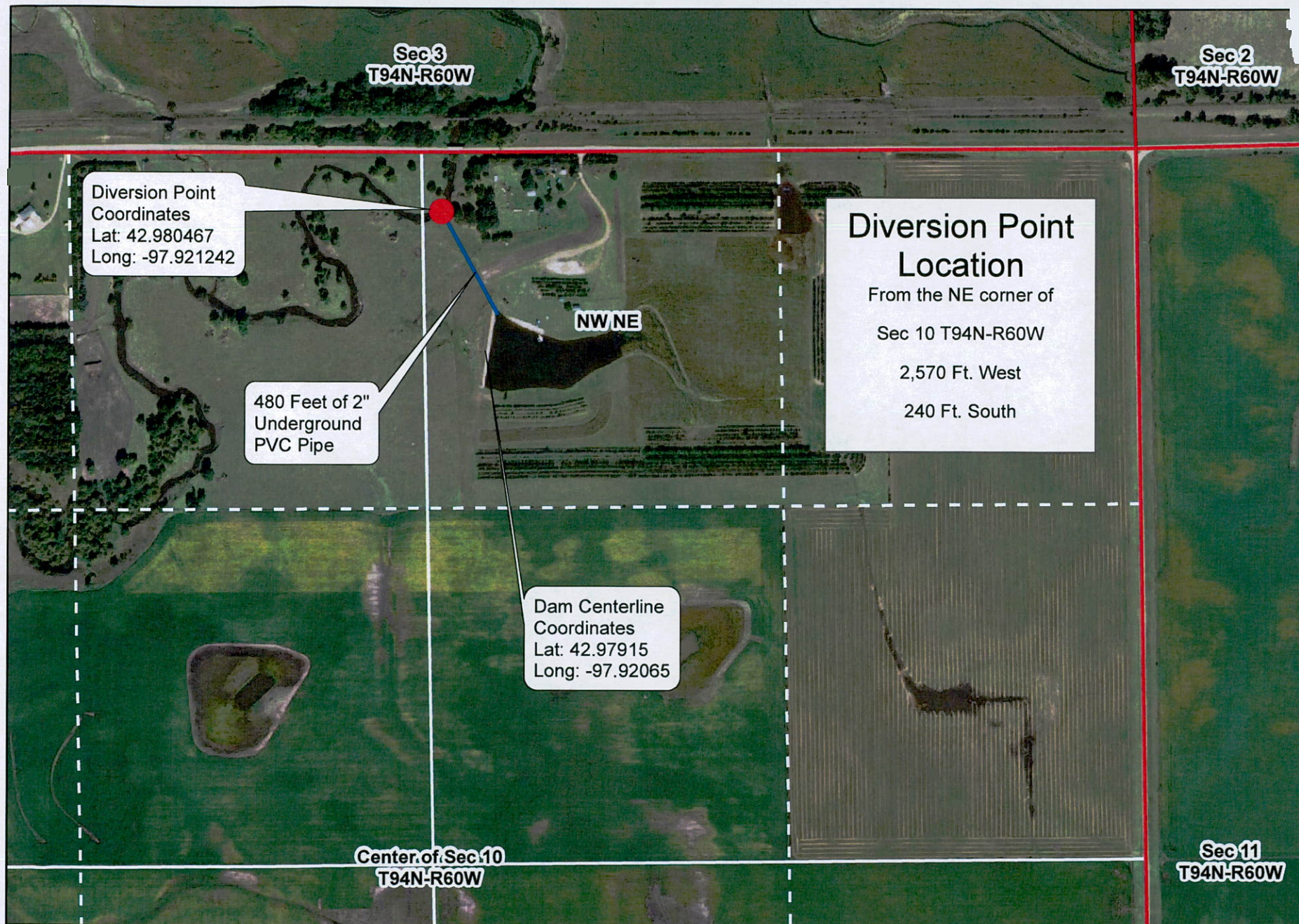


Looking East at the Outlet Pipe



Looking North-Northwest at the Dam and Riprap

Water Right No.6890-3



Keith DeJong

Keith DeJong, PE
Staff Engineer
February 6, 2019



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

MAY 22 2019

6890-3

John Pesek
41321 304th St
Tyndall SD 57066

Dear Mr. Pesek:

Enclosed is Water License No. 6890-3. 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.

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,

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

enclosures

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6890-3

(1) John Pesek, 41321 304th St., Tyndall SD 57066 made Application No. 6890-3, September 4, 2007 for a water permit to divert 1.05 cubic feet of water per second from Emanuel Creek to be impounded in a storage dam (14 acre feet capacity) located in Bon Homme County, South Dakota for fish & wildlife propagation and recreational purposes. Permit No. 6890-3, with a priority date of September 4, 2007 was approved December 3, 2007 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, 2012 and the application to beneficial use of said water on or before December 3, 2016.

(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 0.18 cubic feet of water per second for beneficial use.

The diversion point on the creek is described as:

- 2,570'W and 240'S of the NE corner of Section 10, T94N, R60W (NW ¼ NE ¼)
Latitude 42.980467, Longitude -97.921242,

The storage dam is located in the:

- NW ¼ NE ¼ of Section 10, T94N, R60W (Latitude 42.97915, Longitude -97.92065)

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use. Water is pumped from Emanuel Creek through 480 feet of 2 inch underground PVC pipe to the 14 acre-feet storage dam.

(4) Pursuant to South Dakota Water Law 46-5-30.1 John Pesek, 41321 304th St., Tyndall SD 57066 the holder and/or owner of Water Right No. 6890-3 is issued a license to appropriate water, the right to divert 0.18 cubic feet of water per second from Emanuel Creek into a 14 acre-feet storage dam with a priority date of September 4, 2007 from the location specified in (2) of this license for fish & wildlife propagation and recreational purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6890-3 and subject to the following qualifications:

- Water Right No. 6890-3 authorizes a dam with a storage capacity of 14.0 acre-feet of water and sufficient water annually to maintain the water level to the outlet elevation.
- Water may be diverted from Emanuel Creek only during high flow events to provide an annual one time fill each year. At no time may the entire creek flow be diverted. Low flows as needed for downstream domestic use, including livestock water and prior water rights must be bypassed. Pumping is allowed each year through May 31st.



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

MAY 22 2019

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

May 30, 2019

6890-3

John Pesek
41361 304th St
Tyndall SD 57066

Dear Mr. Pesek:

Enclosed is your water license and map originally sent to 41321 304th St. The post office returned the correspondence to us indicating you had a new address.

I have changed our records accordingly. If you have any questions, let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Genny McMath".

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