

WATER PERMIT NO. 5884-3

Name of Applicant: City of Armour

Address: PO Box 415, Armour SD 57313

Phone: 605 724-2167

Amount of Water Claimed: 10 acre-feet storage

Total Acres: NA

Source of Water Supply: unnamed creek channel and well

Water to be used for: recreation and fish & wildlife propagation

County: Douglas

Type of Waste Disposal System: NA

Location: east side of Armour

PRIORITY

Date Received: 8-24-95

Fee: \$50.00

Corrected Application Received:

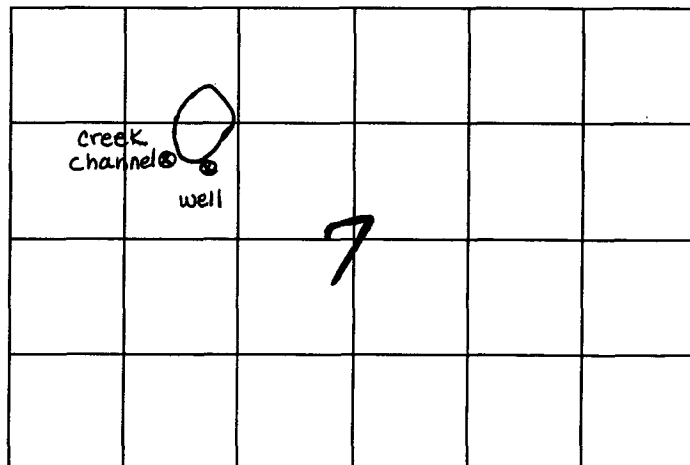
Period of Annual Use: March 1 - October 31

Remarks: Plan to pump water from the creek and a well to restore Lake Alcazar

Diversion Point: well - SW 1/4 NW 1/4 Sec 7

creek-SW 1/4 NW 1/4 Sec 7; all in T98N-R63W

Area of the Lake: W 1/2 NW 1/4 Sec 7-T98N-R63W



Depth of Well: 225 feet

Well Driller: Chase Drilling

Remarks:

Type of Map: aerial photo

Prepared by: Harland Selbaugh, NRCS

Reviewed and the Number Assigned on: 9-7-95

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

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

Mail to:
Water Rights Division
Joe Foss Building
523 E Capitol
Pierre SD 57501-3181
605 773-3352

No. 5884-3 Hydrologic Unit 10170101
Basin Missouri River
Newspaper The Armour Chronicle, Armour, SD
(office use only)



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

Check use of water:

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

Type of Application: ☒ New ☒ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ 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.) _____

- Name of Applicant Armour, City of Phone 605-724-2167
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address P.O. Box 415 Armour State SD 57313
(Street, RR, or Box) (City) (Zip Code)
- Amount of water claimed 0.33 (drainage creek) 150 (drainage creek)
0.022 (well) *CFS or 10 (well) **GPM 10 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply Lift station from creek & well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) West side of lake
Lake → W 1/2 NW 1/4 section 7, well - SW 1/4 NW 1/4 section 7 and diversion from creek - SW 1/4 NW 1/4
Section 7; all in T 98N, R 63W County Douglas
- County or counties where water will be used Douglas January 1 - December 31 for impounded water
- Annual period during which water is to be used Spring & Summer March 1 → October 31 → diversion from
creek or well
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

See Attachments

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)

STATE OF SOUTH DAKOTA)
County of Douglas ^{SS}

I, Gene P. Tuck, Mayor, 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.

Signed Gene P. Tuck

Subscribed and sworn to before me this 22nd day of August 19 95

My Commission
expires 11-21-00

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 10" Depth 225'
- b) Casing Type PVC Diameter 5" Thickness 1/4" / SDR 21
- c) Screen Type Slotted PVC Diameter 5" Thickness SDR 21/ .10 Slots
- d) Gravel Pack Thickness 4 1/2" Length of Gravel Pack 40'
- e) Depth to Top of Water Bearing Material 200'
- f) Depth to Water (ground surface to water level) 100'
- g) Distance to nearest existing domestic well: 1/2 mi
- On applicants property _____ On property owned by others X

2. Wastewater Disposal System Information

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

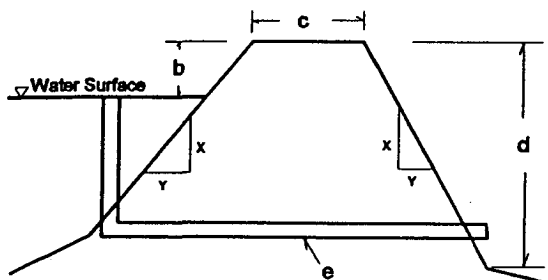
3. Dugout Information

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

4. Water Storage Dams

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

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



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



**SOUTH DAKOTA
WATER PERMIT NO. 5884-3**

Date of first receipt of application August 24, 1995.

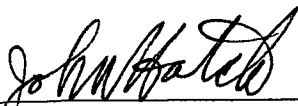
The Water Management Board approved Water Permit Application No. 5884-3 on May 1, 1996 for City of Armour, PO Box 415, Armour SD 57313 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 5884-3 appropriates 10 acre-feet of water by restoring Lake Alcazar. This permit appropriates 0.33 cubic feet of water per second (cfs) [150 gallons per minute] from an unnamed creek located in the SW 1/4 NW 1/4 Section 7-T98N-R63W. This permit also appropriates 0.022 cfs [10 gallons per minute] from one well (Niobrara Formation) 225 feet deep located in the SW 1/4 NW 1/4 Section 7-T98N-R63W. The well will be used as the secondary source when the creek does not provide sufficient water. The water will be pumped into Lake Alcazar to restore and maintain the lake level. Lake Alcazar is located in the W 1/2 NW 1/4 Section 7-T98N-R63W.
2. The water appropriated shall be used for the purpose of recreational use and to provide habitat for fish and wildlife propagation 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: March 1 - October 31 for diversion of water from creek or well and January 1 - December 31 for impounded water.
4. The date from which applicant may claim right is August 24, 1995.
5. One-fifth of the construction is to be completed on or before November 1, 1998.
6. All construction is to be completed on or before May 1, 2001.
7. Water is to be put to beneficial use on or before May 1, 2005.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Permit No. 5884-3 authorizes storage of 10 acre-feet of water in Lake Alcazar. The lake may be filled one or more times per year.

WATER MANAGEMENT BOARD

By: 
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 2 1996

date





City of Armour Water Permit #555-3

.5 cfs / 225 ft./min. or 362 acre feet a year

This permit has been in effect since the 1930's

The Lake Alcazar Project involves less than 10 acre feet

Lake Alcazar Restoration

City of Armour

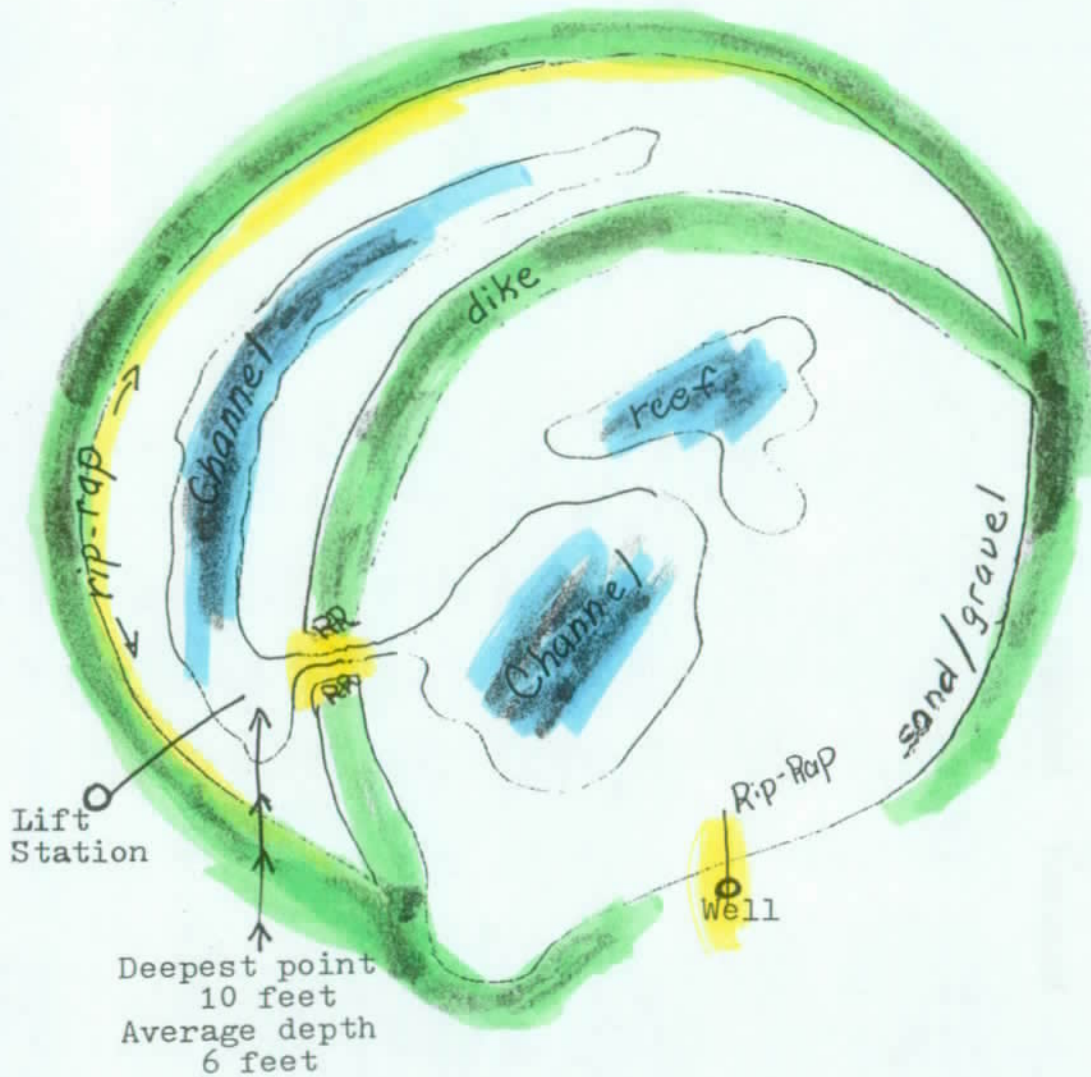
The purpose of this project is to restore the lake area for use by young & old for fishing, nature study, recreation & flood control. It will also enhance the Lion's Park which is directly west of the lake. This park contains camp sites, picnic shelters, playground, volleyball court & bathroom facilities. This park is adjacent to Hwy #281 making it very accessible to travelers as well as local folk. Other benefits include mosquito control & noxious weed control. We plan to start with clean-up (dead tree removal, ect.), construct lift station & do lake bed work this fall & winter (in preparation for spring rains). The well can be done at anytime. We plan to have the project completed by early summer 1996.

Lake Alcazar Restoration

City of Armour

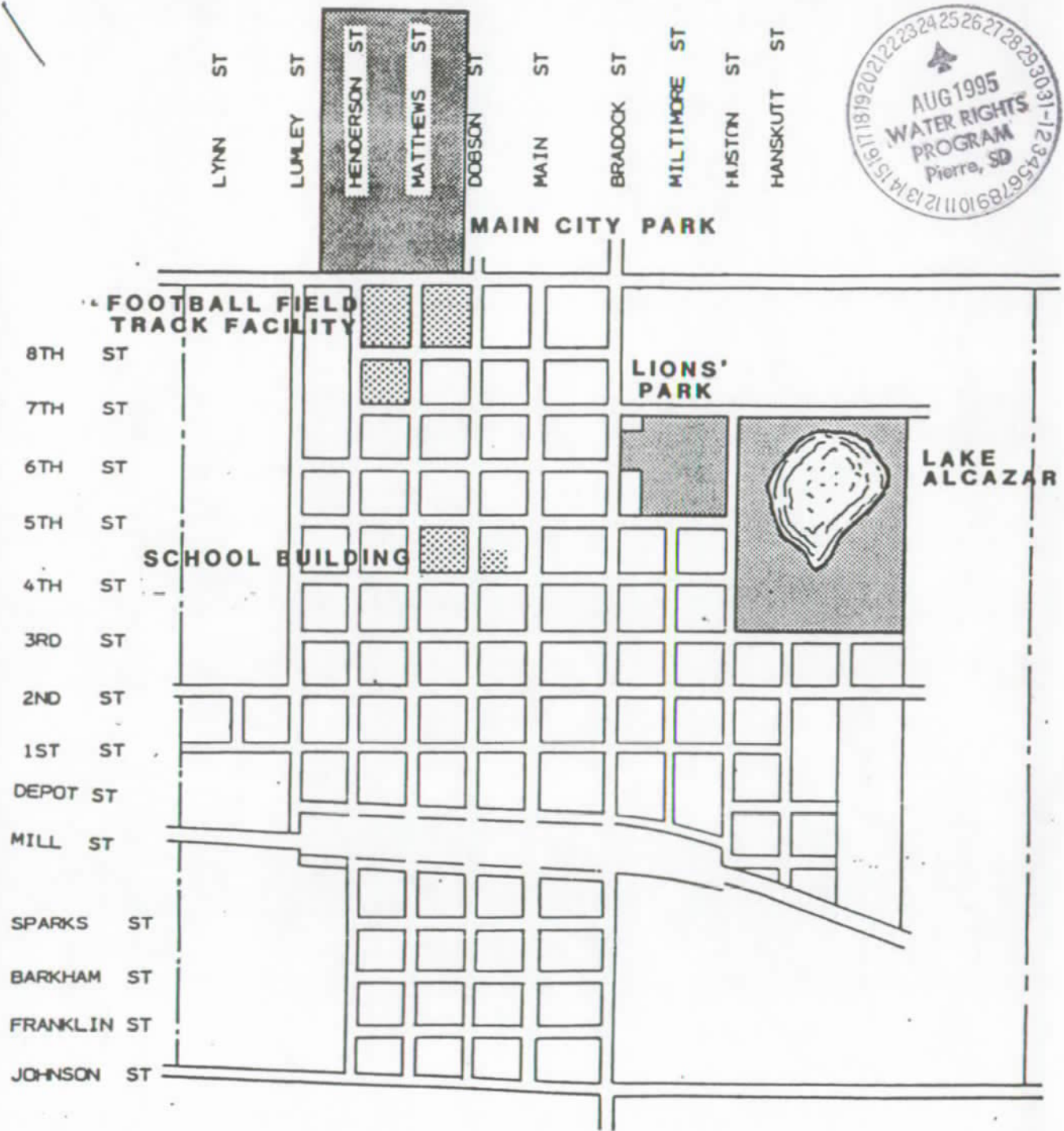
We are proposing to restore Lake Alcazar to a viable fishing area and develop a nature and wild life walk in the surrounding area. In the process of doing this we will eliminate much of our spring flooding problems in the surrounding area, particularly in the cemetery area north of the lake. In order to accomplish the above we will place a lift station in the creek/drainage ditch that goes around the lake to lift the water into the lake (the lake is higher than the surrounding area). We will also be drilling a 200 foot maintenance well at the south edge of the lake to keep the water fresh in the hot summer months or when rainfall is short. Actual work on the lake itself will consist of some channeling for wintering of fish to a depth of approximately 10 feet. (See attached diagram) The average depth of the lake will be 6 feet. We will be removing some woody vegetation & weeds but saving as much as possible. Rip-rap, bentonite, sand & gravel will be used as necessary on lake bottom. We are basically doing repair work. The material dredged from the channeling will be used to repair the dike through the center of the lake & build a reef/spawning area in the east side (see diagram). All the lake shore will have rip-rap or sand/gravel. The area immediately surrounding the lake will be cleaned of dead trees, weeds & trash and the walking paths repaired. A foot bridge will span the channel through the dike. At this point in time the area is a mosquito breeding slough full of noxious weeds and trees.

Lake Alcazar Restoration
City of Armour
Plan View



*Green area is nature trail

a small footbridge will span dike - dike was originally built in 1930's (WPA Project) and banks are rock on both sides



ARMOUR



CITY PARKS



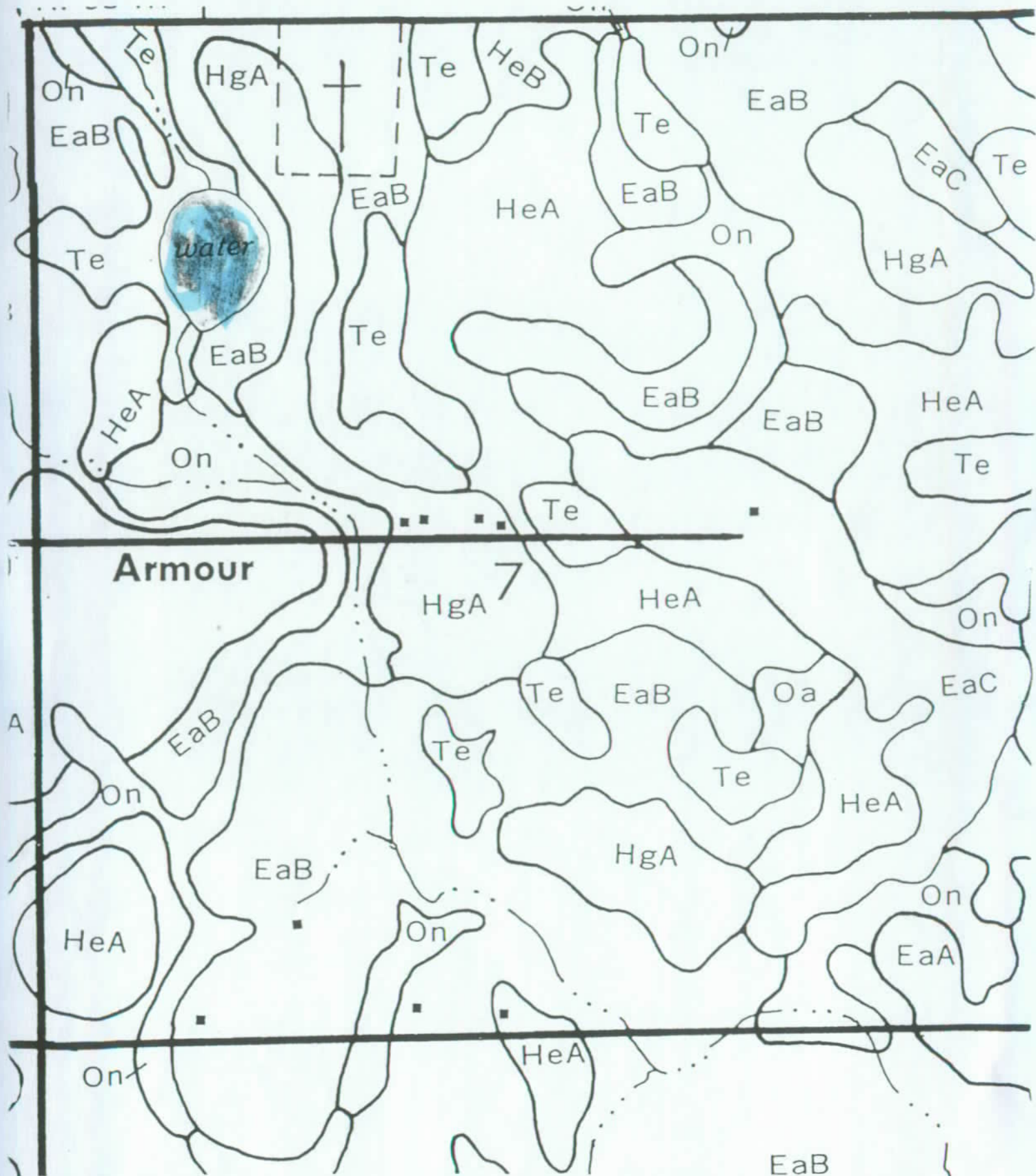
SCHOOL PROPERTY

Harold D. Sillough, S.C.
NRCS

NOT TO SCALE



Shirley A. Selvaugh, S.C.
Natural Resources Conservation



07-92

A circular ink stamp from the Pierre, South Dakota Water Rights Program. The outer ring contains the number sequence "28203031-12345678910111213141516171819202122232425". In the center, there is a small four-pointed star symbol above the text "DEC 1996", "WATER RIGHTS PROGRAM", and "Pierre, SD".

Date:

OBSERVATION WELL DG-80-D

SOUTH DAKOTA GEOLOGICAL SURVEY

Location 099W-64N-36CCC

Location SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$

Section: 36

T. 099 N

R. 64 W

Test Hole: DG-80-4

Well: DG-80D

Land Owner:

County: Douglas

Date: 04-21-1980

Elevation:

E-Log:

Samples:

Drilling Company: SDGS

Project: Water Rights

Geologist: S. Burch/J. Goodman

Rotary: X

Auger:

Driller: H. Koffler

Thickness	Lithologic Description	From - to Feet
5	Till, gray-brown clay matrix with sand	0- 5
10	Till, yellow-brown clay matrix with pebbles	5- 15
7	Till, brownish-olive clay matrix with shale pebbles	15- 22
10	Till, reddish-brown clay matrix with sand and pebbles	22- 32
15	Till, olive-gray clay matrix	32- 47
10	Till, medium dark gray calcareous clay matrix	47-125
10	Clay, yellow-brown, calcareous, slightly silty with occasional granule (lake clay --- loess ??)	125-135
90	Till, medium dark gray clay matrix, gravelly; gravel lens from 195 to 196 feet	135-225
35	Chalk, gray and chocolate-brown calcareous clay; chatters like Niobrara	225-260
	NOTE: Installed 240 feet of 2 inch PVC casing and a 5 foot sandpoint. Cut slots in lower 20 feet of casing. (Lower 25 feet of hole caved-in). Total Depth - 260 feet	261

0991 642 30000

00.810

25 18 1982	195 5
06 41 1982	194 2
07 06 1982	194 8
07 28 1982	195 2
08 18 1982	197 9
09 13 1982	200 1
10 05 1982	200 7
11 29 1982	198 4
02 28 1983	195 7
04 14 1983	194 2
05 09 1983	193 1
06 02 1983	193 1
06 21 1983	192 8
07 13 1983	192 5
08 02 1983	192 4
08 16 1983	192 0
08 30 1983	193 8
09 26 1983	195 1
10 25 1983	195 0
04 16 1984	190 0
05 15 1984	189 6
05 30 1984	190 0
06 06 1984	188 6
06 12 1984	189 6
06 27 1984	189 3
07 10 1984	184 2

07 24 1984	189 4
08 07 1984	189 8
09 06 1984	191 5
10 01 1984	193 2
03 25 1985	189 3
04 15 1985	188 0
05 15 1985	182 6
05 28 1985	191 0
06 14 1985	188 0
06 28 1985	191 2
07 14 1985	185 5
07 28 1985	190 8
08 22 1985	191 0
09 23 1985	191 5
10 28 1985	191 0
03 17 1986	187 5
04 22 1986	186 7
05 19 1986	186 2
06 03 1986	185 9
06 18 1986	185 4
07 02 1986	185 5
07 16 1986	185 2
08 07 1986	186 0
09 09 1986	189 7
11 17 1986	189 6
03 09 1987	187 1

RECEIPT

414595

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ August 24, 19 95

RECEIVED OF Sharon A. Wiese, Box 638, Armour, SD 57313

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

Fee for Application for Permit No. <u>5884-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	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. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer

DOUGLAS COUNTY FISHERIES MANAGEMENT PLAN
by Bill Dent

DESCRIPTION OF COUNTY

Douglas County is located in south central South Dakota. It is bounded on the north by Brule and Aurora Counties, on the east by Davison and Hutchinson Counties, on the south by Charles Mix County and also on the west by Charles Mix County which is separated by the Missouri River. Douglas County is 30 miles wide from east to west, 21 miles long from north to south on the east side and nine miles in length from north to south on the west side. There is a total of 435 square miles of land in Douglas County.

The topography of the county varies from undulating to hilly. The various soil associations may be found in the County Crop and Livestock Reporting Bulletin 1966. (See Figure 9).

The Missouri River with its tributaries form the drainage system of Douglas County. These tributaries include Snake, Five Mile, Platte, Campbell, Pease, Andes, and Choteau Creeks.

The climate has a wide variance of temperatures with lows of -30°F to highs of 100°F. The lowest temperature on record is -45°F recorded in 1905, and the highest temperature on record is 116°F, recorded in 1940. The last freeze in the spring is about May 10 and the first freeze in the fall occurs about September 30. There is an annual average precipitation of about 21 inches of moisture.

Douglas County has a population of slightly over 5,000 according to the 1970 census. Armour, the county seat, is the largest town in Douglas County, and has a population of about 900 people. Other towns in the county are Delmont, Corsica, Harrison and New Holland. U. S. Highway 281 and State Highway 44 are the major throughfares serving the county.

Agriculture is the principal industry of the county and livestock and livestock products account for about 80 percent of the cash income. Around 98 percent of the land in Douglas County is under private ownership, with the balance either county or federally owned. The Department of Game, Fish and Parks does not own any land in Douglas County nor is there any School or public land left. The U. S. Department of the Interior has some Waterfowl Production areas of which New Holland Slough is the largest and contains about 560 acres. They also have several long term leases on wetlands.

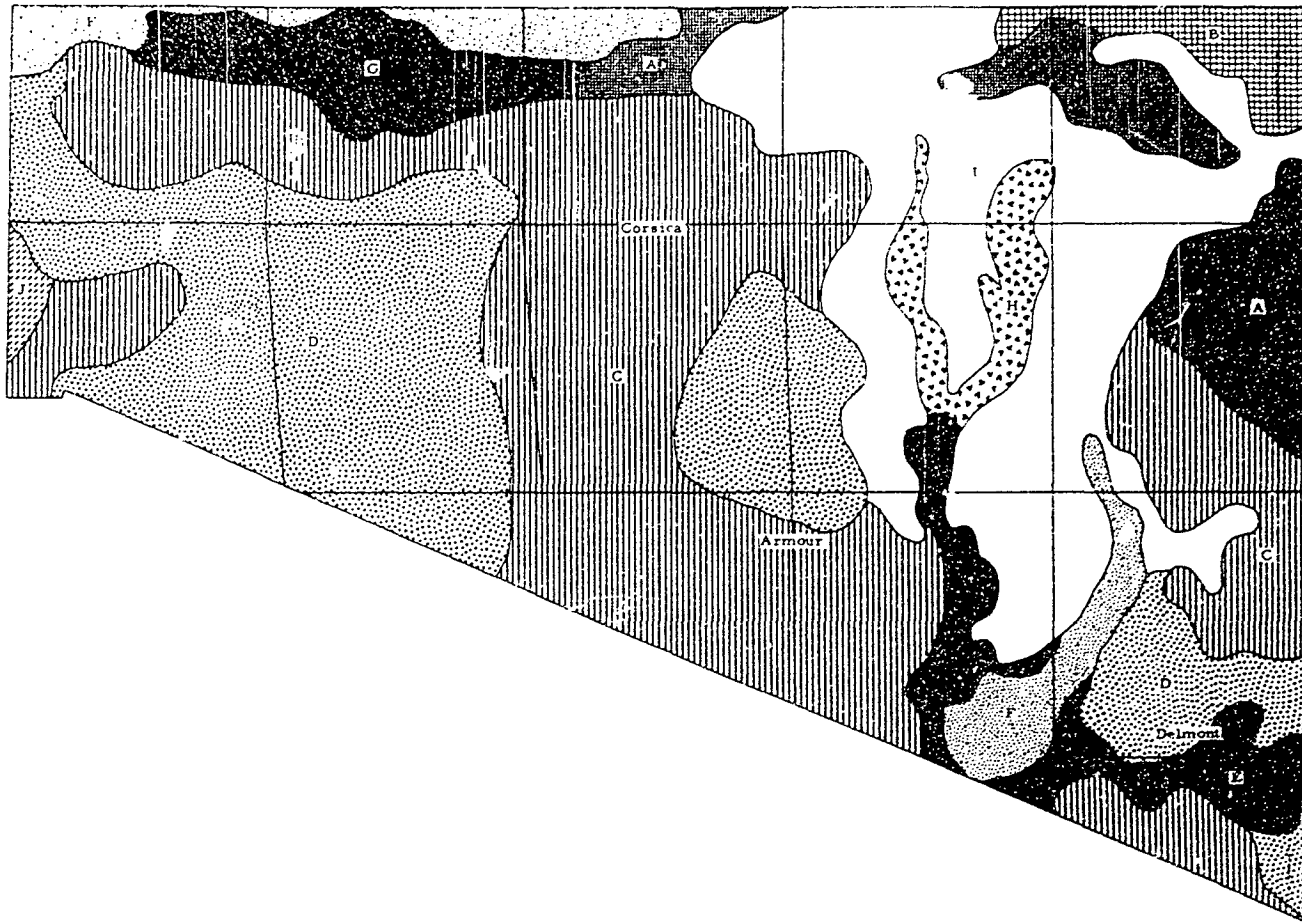
Land use in Douglas County is equally divided between cropland and pasture or wild hayland. The main pollution problems are related to agriculture with livestock wastes, soil erosion, chemical sprays and fertilizers as contributors.

SUPPLY OF AQUATIC RESOURCES

Aquatic resources in Douglas County (Tables 17 and 18) are limited. There are only two small man-made impoundments (Corsica and Lake Oahe)

Figure 9.

SOILS OF DOUGLAS COUNTY



- | | | | |
|--|--|--|--|
| | Houdek-Prosper association: Deep, loamy soils on nearly level to gently undulating slopes and in shallow swales and flats. | | Enet-Delmont association: Loamy soils with gravelly and sandy subsoils on nearly level to sloping topography. |
| | Beadle-Stickney-Dudley association: Deep, clayey soils with slowly permeable subsoils, and claypan soils on nearly level topography. | | Hoven-Henkin association: Thin, claypan soils on poorly drained flats, and deep, sandy soils on the surrounding higher slopes. |
| | Highmore-Eakin association: Deep, silty soils on nearly level to gently undulating topography. | | Ethan-Clarno-Betts association: Deep, loamy soils on rolling to steep upland slopes and breaks. |
| | Eakin-Highmore-Ethan association: Deep, silty and loamy soils on gently undulating to rolling topography. | | Clarno-Ethan association: Deep, loamy soils on gently undulating to undulating topography. |
| | Lamo association: Loamy to clayey soils on somewhat poorly to poorly drained bottomlands. | | Highmore-DeGrey association: Deep, silty soils and claypan soils on nearly level topography. |

which were constructed during the Works Progress Administration era. (See Figure 10).

Corsica Lake, a small artificial lake of about 110 acres is classified as warm water semi-permanent and is located six miles east of Corsica. This lake is managed for bass and panfish with northern pike as the predator species. Emergent vegetation is scattered throughout the lake. The northern upper reaches are heavily covered with cattail and rushes. This lake has had poor reproduction over the past years and is subject to frequent winterkills. It was completely drained and chemically treated for rough fish control in the late fifties. Restocking consisted of bass, perch, and northern pike. It supplied good fishing until 1964 when bullheads were introduced. The bullheads completely took over the lake and a netting program was established in about 1969 to remove excess population. This program has since been discontinued due to department reorganization and lack of equipment and manpower.

Table 17. Supply of Aquatic Resources, Douglas County

<u>Name</u>	<u>Size</u>	<u>Type</u>	<u>Location</u>	<u>Ownership</u>	<u>Findings</u>
Corsica	110	A	3,4,9-63-99	Misc.9,P 327	Silted
Alcazar	6	N	13-64-98	Misc.9,P 334	Some silt

Wildlife Lakes

Simpson	Dry	N	9,16-64-99		Some silt
---------	-----	---	------------	--	-----------

Table 18. Classification by Management and Ecology

<u>Name</u>	<u>Size</u>	<u>Management</u>	<u>Ecological</u>
Corsica	Small	Warm water permanent	Panfish,bass,northern pike
Alcazar	Pond	Warm water permanent	Panfish

Lake Onaphe, or known locally as Lake Alcazar, is located in the city limits of Armour. It was a natural lake and was originally called "Berry's Lake" having been owned by a James Berry. After passing through various hands, it was acquired by the Armour Ice Company and given the name Lake Alcazar. An artesian well was drilled in 1921 to insure the ice company a steady flow of water. The lake was sold to the city of Armour in 1934 and the WPA constructed an outer dam forming a double lake. In 1954, the city constructed its present swimming pool near the lake and another well was drilled to supply water for the pool which overflowed into the lake. This well was not successful and in about 1955 to 1959 the Department of Game, Fish and Parks drilled the present well without cost to the city. In 1962 the city extended its water system to supplement the swimming pool. About 1937, the city of Armour acquired additional land to the south of the original lake. This tract makes the total holding about 12.19 acres. At different times during the past decade, the Department of Game, Fish

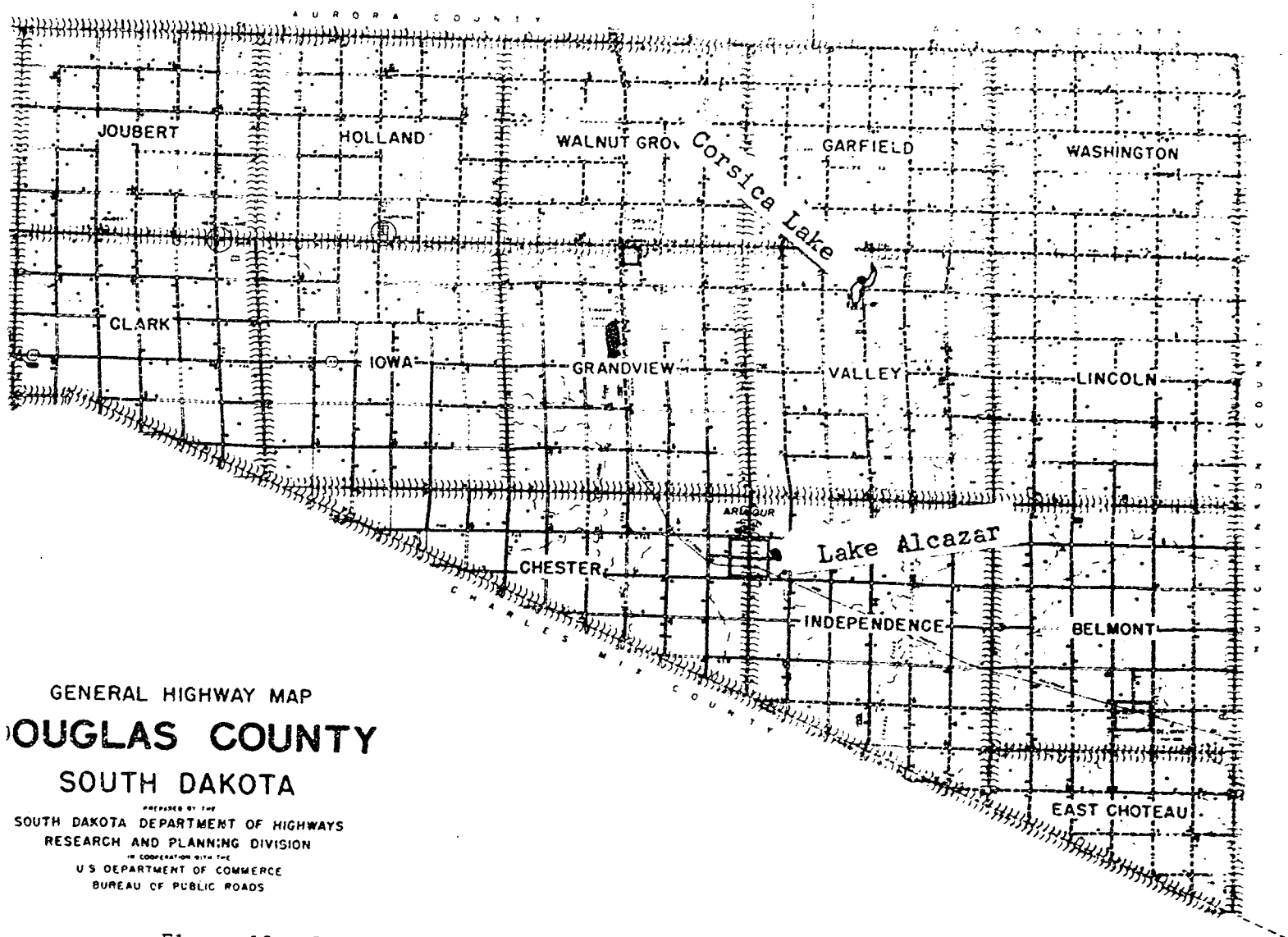


Figure 10. Douglas County Resources

and Parks has stocked this lake for use as a kid's fishing pond. At present, the population consists of bass and sunfish. Cattails surround the entire lake to such a point that access to the water is difficult.

Farm ponds do not supply sufficient angling opportunity to mention.

The angling opportunity for Douglas County based on the preceding lakes is as follows: on the basis of 37.4 user-days supply, the smaller lakes in Douglas County supply 9,039 user-days, for a total supply of 9,039.

DEMAND ON AQUATIC RESOURCES

The population of Douglas County according to the 1970 census was 4,569. This was a 10.6 percent decrease in population since 1960. Demand as expressed by Martin "Documenting Needs for Fish and Wildlife Expenditures" is the opportunity goal (set by South Dakota at 6.5 user-days per year) multiplied by the census data from the county population. Applying these figures we get a local user demand of 29,698 user-days. In addition, average annual non resident fishing license sales for 1968-1972 was 11.6. This figure multiplied by 6.5 exerts an additional 75 user-days demand. These figures are augmented by the non resident visitors fishing license sales, which have averaged 53 over the last five years. These sales multiplied by 2.5 gives another 133 user-days demand. Total demand from all sources is 29,906 days annually.

SURPLUSES OR DEFICIENCIES

Total fishing user-day opportunity for Douglas County is 9,039. This compares with 29,906 user-days demand for a deficiency of 20,867 user-days of opportunity.

NEEDS AND OPPORTUNITIES

The construction of new fishing waters in Douglas County is very important at the present time. Rehabilitation of some county lakes by removal of silt and vegetation would assist in returning the lakes to a more active fisheries providing a financially feasible method can be developed. This would relieve some of the angling opportunity deficiency.

RECOMMENDATIONS

Immediate Plan of Management

1. Maintain easements on all lakes.
2. Manage permanent and semi-permanent lakes for maximum production. Use all available management tools to provide for maximum production.

Intermediate Plan of Management

1. To incorporate the county plan into the statewide plan when county plans are complete.
2. To locate lands on drainages within the county suitable for construction sites for new waters and to prepare a list of areas for future use.

Long Range Plan of Management

1. To explore and develop economical means of silt removal and suppress the growth of vegetation.
2. To develop spawning habitat for selected desirable species to increase natural reproduction.

REFERENCES

Douglas County Agriculture Crop and Livestock Reporting Service.
Douglas County Official Records, Register of Deeds.
Martin, Dale N. "Documenting Needs for Fish and Wildlife Expenditures.
Presented at 32nd Midwest Fish and Wildlife Conference, Winnipeg,
Ontario, Canada. December 6-9, 1970.
1970 U. S. Population Census Report.

LAKE FORMATION

NAME OF LAKE Lake Alcazar
COUNTY Douglas
LOCATION: SEC 4 TWP 98 RANGE 63
NATURAL OR ARTIFICIAL Artificial
EASEMENTS City of Armour has these
ACRES 5
DEPTH 9'
STOCKED _____
SPECIES Bullheads, Bass, Bluegills
BOTTOM FORMATION Sand, Mud, Clay
VEGETATION Bulrushes, Coontail, Pondweed
DATE 7/26/41
WARDEN Henry Voss

LAKE FORMATION

NAME OF LAKE Lake Armour (True Name Lake Alcazar)

COUNTY Douglas

LOCATION: SEC _____ TWP _____ RANGE _____

NATURAL OR ARTIFICIAL _____

EASEMENTS _____

ACRES _____

DEPTH _____

STOCKED Yes

SPECIES Bass Bullfrog Tad's

BOTTOM FORMATION _____

VEGETATION _____

DATE _____

W R D E N _____

✓
LAKE FORMATION

NAME OF LAKE Oniki Lake town of Armour
COUNTY Douglas
LOCATION: SEC TWP RANGE
NATURAL OR ARTIFICIAL
EASEMENTS
ACRES
DEPTH
STOCKED Yes
SPECIES Bass
BOTTOM FORMATION
VEGETATION
DATE
W RDEN

1977

SOUTH DAKOTA COUNTY WATER INVENTORY SHEET

COUNTY Douglas TOTAL ACREAGE 278,400

Water Areas	Acres
1. Large lakes (200 acres & over)	0
2. Small lakes (under 200 acres)	6
3. Large reservoirs (200 acres & over but not Missouri River impoundments)	0
4. Small reservoirs (under 200 acres)	110
5. Trout lakes	0
6. Farm ponds (those capable of supporting a fishery)	0
7. Warm water rivers and streams	0
8. River backwaters and oxbows	0
9. Trout rivers, streams, Big Bend and Gavins Point Res.	0
10. Oahe and Randall Reservoirs	0
TOTAL	116

Fishing Opportunity Supply

Area	Surface Acres	U-D Capacity	U-D Supply	U-D Supply Corrected for Degradation ^{1/}
Natural Lakes				
Permanent	0	16.5	0	0
Semi-Permanent	0	16.5	0	0
Marginal	0	16.5	0	0
Small				
Permanent	0	30.0	0	0
Semi-Permanent	0	30.0	0	0
Marginal	6	30.0	180	72
Trout	0	4.0	0	0
Wildlife	0	0.0	0	0
Artificial Lakes				
Large				
Permanent	0	23.5	0	0
Semi-Permanent	0	23.5	0	0
Marginal	0	23.5	0	0
Small ^{2/}				
Permanent	0	41.5	0	0
Semi-Permanent	110	41.5	4,565	3,652
Marginal	0	41.5	0	0
Trout	0	3/	0	0
Oahe & Randall Res.	0	4.0	0	0
Wildlife	0	0.0	0	0
Rivers and Streams				
Warm Water	0	33.5	0	0
Cold Water	0	3/	0	0
Big Bend & Gavins Pt.	0	12.5	0	0
Warm Water Backwaters & Oxbows	0	50.0	0	0
TOTAL	116		4,745	3,724

Latitude Correction Factor 0.90 Corrected Total U-D Supply 3,352

^{1/} Winterkill or Summerkill (Semi-permanent 0.80) (Marginal 0.40)

^{2/} Includes farm ponds

^{3/} Related to user-day supply which is based on stocking rate and annual harvest.

Douglas

1977

Fishing Opportunity Demand:

Year	Human Population		Fishing per Capita Goal	Annual U-D's Demand	
	County	Per 1000 Ac.		Resident	Non-resident ^{4/}
1975	4,569	16.41	5.8	26,500	208
1980			6.0		
1985			6.2		
1990			6.4		

Surplus or Deficiency (User-days)

Corrected Supply	Less User-Days Demand	Difference	
		(+) Surplus	(-) Deficiency
3,352	26,708		23,356

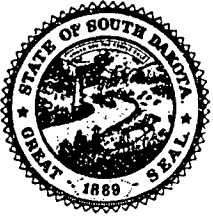
Miscellaneous notes and calculations:

^{4/} Based on average of Previous five years license sales.

DOUGLAS COUNTY

Fuch's Lake (Armour) 1951-52 Bullhead; 600 A

MAY - 8 1975



INTER-DEPARTMENT CORRESPONDENCE
State of South Dakota



From Dept. of _____ Dent
Subject: Water Rights To Dept. of Robert Nanten, Supt. Fisheries
Date 7 May 75

Bob:

Wilma Faller
I met with the Douglas County Commissioners yesterday and discussed the Water Rights application on Corsica Lake. They decided that since they own 90% of the water surface that they would apply for the Water Rights.

Please send the application to Wilma Faller, Douglas County Auditor, Douglas County Court House, Armour, S. Dak.

She will let me know when she gets the application and I will assist her in filling it out.

Sincerely

Bill
Wilson Dent
Conservation Officer
Platte, S. Dak.

Copy to: Lee VanderBush
Region III

Application form mailed 5/12/75

Lake Alcazar Restoration Committee
c/o Jolaine Gerlach, chairman
Armour, SD 57313

To: Randall Resource Conservation and Development
P.O. Box 247
Lake Andes, SD 57356

July 25, 1995

PROPOSAL FOR RESTORATION OF LAKE ALCAZAR--AKA: ARMOUR LAKE

Dear Randall Resource Conservation and Development Board Members and Management:

The Lake Alcazar Restoration Committee, a sub-division of the Armour Community Club, was recently formed to clean-up the Lake Alcazar area and return it to service as a viable fishing location, nature trail, wildlife preservation area and to solve serious drainage problems surrounding the lake (especially the cemetery).

Although Lake Alcazar was filled and maintained by an artesian well since the 1930's, that well was capped by the City of Armour for an unknown reason. Since then, the Lake has become a swamp, a breeding ground for mosquitoes and noxious weeds have taken over the area.

The Lake Restoration committee has proposed the clean-up and restoration project to the city council, hoping to provide not only a valuable recreation and nature area for the community and its visitors, but to provide permanent maintenance to the property.

After studying several options and having Hertz Reclamation of Armour and the city maintenance department examine the area, the Lake Restoration Committee is proposing the following:

- | | |
|---|-------------------------|
| • Lift station: 4' manhole sections/ cement bottom/ intake suction trash guard with clean-out | CIP - \$3,000 |
| • Pump (all self-contained): Lister/ LPW3/ three-cylinder diesel engine and a Berkley B-4 ZRKS/ self-priming centrifugal pump | CIP - \$9,000 |
| • Well: 500' maintenance well | CIP - \$5,000 |
| • Grubbing of existing lake and nature trail | CIP - \$2,500 |
| • Channeling, stockpiling, silt removal | CIP - \$2,500 |
| • Rip-rap, bentonite, gravel, sand | CIP - \$2,500 |
| • Basic supplies and equipment: trucking, herbicides, power supply, bridge | CIP - \$7,000 |
| • Long-term maintenance revolving fund | Per year - <u>\$750</u> |
| TOTAL | \$32,250 |

Aside from the obvious recreational benefits to the community, the project will provide long overdue flood control, noxious weed control and insect (mosquito) control for the adjoining Lions Park, nearby residences and cemetery to the north.

Any financial assistance Randall Resource Conservation and Development can provide would be greatly appreciated.

Thank you for your consideration of this proposal.

Lake Alcazar Restoration Committee:
Jolaine Gerlach, chairman
Sharon and Carter Wiese, Carol Gerlach,
Renee Van Der Werff & Rex Winter, members
Dan Hertz, owner of Hertz Reclamation
Jena Larson, representative of Armour City Council
Dennis Sparks, Armour City maintenance department

INTY. *Doink*

TOWNSHIP *Asheboro*

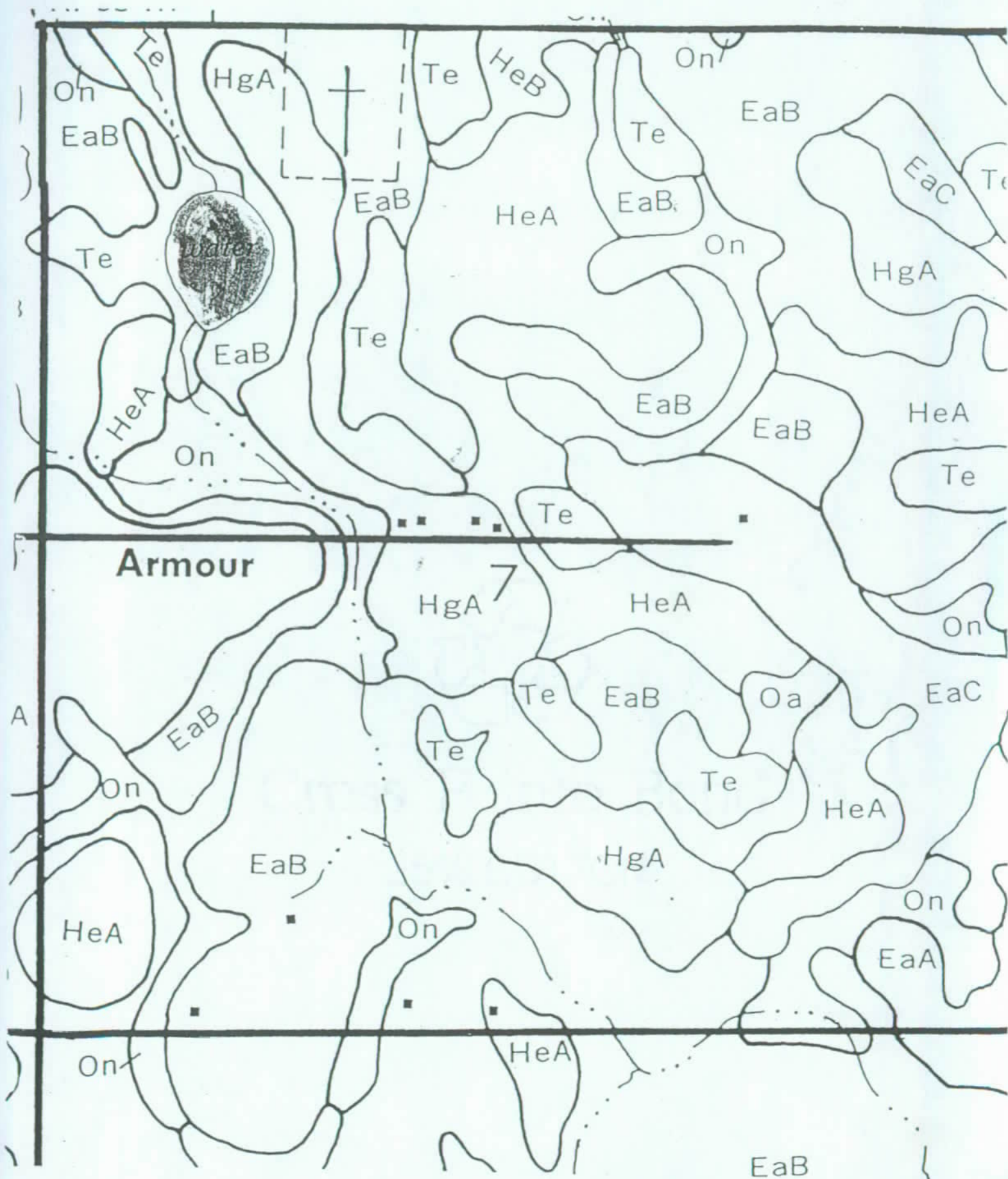
LEGAL DESCRIPTION 77-48-1-3

IDES USED: 80/81 82 83 84 85 86 87 88 89 Soils map # Wetland Inv. Map #

Office check _____ Field Check _____ Corrections made _____ Worker I D LW

Sec 6





Water Rights Division - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: City of Armour application for Lake Alcazar

ADDRESS: COUNTY: Douglas

DATE: 8/25/95

TELEPHONE: 724-2370 (mobile) or 724-2129

RE: Discussion with Carter Weise

COMMENTS:

I contacted Mr. Weise with questions about the application for Lake Alcazar.

1. The creek does not have a name but they plan to put a wet well type of mechanism in the creek channel. Mr. Weise put it in terms of a big sump pump type of system. He was going to get back to me on the pump rate from the creek.
2. Well information was obtained from Chase Well Drilling and is based on a well they just constructed approximately 1/2 mile away from the proposed well site.
3. The lake used to be supplied by an old artesian well that stopped flowing and was plugged years ago. I explained that this application would be considered a new application and not a vested water right.
4. The lake was originally a WPA project and has a dike constructed around its perimeter.

August 30, 1995

Sharon Weise called to discuss any completeness of the water permit application. Mrs. Weise stated the the pump utilized in the drainage (sump type system) will have a maximum capacity of 150 gallons per minute to take advantage of when flows are available. She stated that she would contact Chase Well Drilling and get a well log.

Mrs. Weise stated the need for this application is a State's requirements that caused the artesian well which had provided flow to the Lake to be plugged.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Eric Henderson

Water Rights Division - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: City of Armour application for Lake Alcazar

ADDRESS: COUNTY: Douglas

DATE: 8/25/95

TELEPHONE: 724-2370 (mobile) or 724-2129

RE: Discussion with Carter Weise

COMMENTS:

I contacted Mr. Weise with questions about the application for Lake Alcazar.

1. The creek does not have a name but they plan to put a wet well type of mechanism in the creek channel. Mr. Weise put it in terms of a big sump pump type of system. He was going to get back to me on the pump rate from the creek.
2. Well information was obtained from Chase Well Drilling and is based on a well they just constructed approximately 1/2 mile away from the proposed well site.
3. The lake used to be supplied by an old artesian well that stopped flowing and was plugged years ago. I explained that this application would be considered a new application and not a vested water right.
4. The lake was originally a WPA project and has a dike constructed around its perimeter.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME:

Eric Thurland



DEPARTMENT OF GAME, FISH AND PARKS

Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

February 5, 1996

Mark Rath
Water Rights Program
S.D. Department of Environment and Natural Resources
Foss Building, 523 East Capitol Ave.
Pierre, SD 57501

RE: County

Dear Mark,

Please consider this correspondence the Department of Game, Fish and Park's (GF&P) formal request for cancellation of vested water right claim No. 851-3. This vested claim is for 15 acre-feet of water in Lake Armour (sometimes referred to as Lake Alcazar) located on the northeast edge of the town of Armour in Douglas County.

Although the original application for the vested claim indicated that Lake Armour was a meandered lake, we have been unable to find any documentation to support this claim. Neither U.S. Fish and Wildlife Service real estate staff in Huron nor the State Archives office in the Cultural Heritage Center found evidence on the government plats indicating meandered status for this small lake or wetland basin. Since we are not directly involved with the City of Armour's current plan to develop the lake basin and supplement lake water supplies and since we do not own the lake basin, we see no reason for us to retain or validate our water claim. Given the lack of meandered status and the history of supplementing lake water supplies with flowing wells, we feel that validating the claim may prove to be difficult. Also, because prior water claims do not appear to be an issue in this case, a vested claim does not provide any better status than the new right for which the city has applied.

Thank you for the opportunity to comment.

Sincerely,

Tim Olson
Water Permits Coordinator

cc: WCO Brent Nye, Platte

REPORT ON WATER PERMIT APPLICATION NO. 5884-3
CITY OF ARMOUR
FEBRUARY 6, 1996

Application No. 5884-3, City of Armour, proposes to appropriate 10 acre-feet of water by restoring Lake Alcazar (a.k.a. Armour Lake). This application requests to appropriate, as the primary source, 0.33 cubic feet of water per second (cfs) [150 gallons per minute] from an unnamed creek located in the SW1/4 NW1/4 of Section 7 T98N-R63W. This application also proposes to appropriate 0.022 cfs [10 gallons per minute] from one well (Niobrara Formation) as the secondary source 225 feet deep located in the SW1/4 NW1/4 of Section 7 T98N-R63W. The well will be used when the creek does not provide sufficient water. The water will be pumped into Lake Alcazar to restore and maintain the lake level. Lake Alcazar is located in the W1/2 NW1/4 of Section 7 T98N-R63W at the Town of Armour in Douglas County. The water is to be used for recreational purposes and to provide habitat for fish and wildlife propagation.

Review of Water Sources and Existing Water Rights

The primary source of water for this project is surface water from an unnamed creek which is a tributary to Choteau Creek. The South Dakota Department of Game Fish and Parks (SDGF&P) holds (Recognized) Vested Water Right Claim No. 851-3 for a volume of 15 acre-feet stored annually in Lake Alcazar. SDGF&P has requested that Vested Water Right Claim No. 851-3 be canceled. The original vested water right claim was based upon Lake Alcazar being meandered. A review of the original plats at the State Archives office was unable to substantiate this claim. There are 3 existing water rights/permits that divert water from Choteau Creek approximately 60 miles downstream from this proposed project. Effects of pumping by this proposed project on existing water rights would be negligible and adverse impacts would not be expected.

The secondary source of water for the proposed project would be from a well constructed into the Niobrara formation. A review of the Water Right Program files found no existing water rights/permits diverting from the Niobrara formation within several miles. The Water Rights Program maintains a network of observation wells to monitor groundwater. Observation Well No. DG-80D was constructed into the Niobrara formation at a point approximately 1.5 miles northwest from the proposed project. Records indicate the aquifer exhibits annual fluctuations related to wet and dry climatologic cycles as would be expected.

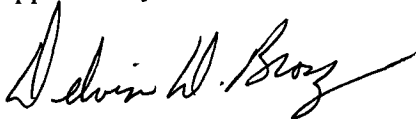
Conclusions

1. Application No 5884-3 proposes to appropriate, as the primary water source, 0.33 cfs from an unnamed creek and as the secondary water source 0.022 cfs from a well for the storage of 10 ac-ft in Lake Alcazar.
2. Adverse impacts by this project to existing water rights would not be expected.
3. SDGF&P holds a Vested Water Right Claim for 15 ac-ft of storage in Lake Alcazar. SDGF&P has requested that Vested Water Right Claim No. 851-3 be canceled because the claim cannot be substantiated.



Mark D. Rath
Natural Resources Engineer III

Approved by:



Delvin D. Brosz, P.E.
Natural Resources Engineer IV

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5884-3, City of Armour**

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. 5884-3, City of Armour, %Mayor Erna Putnam, P.O. Box 415, Armour, SD 57313

The Chief Engineer is recommending APPROVAL of Application No. 5884-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion has been developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Permit No. 5884-3 authorizes storage of 10 acre-feet of water in Lake Alcazar. The lake may be filled one or more times per year.

See report on application for additional information.



JOHN HATCH, Chief Engineer
February 9, 1996

Note: Vested Water Right Claim No. 851-3 for Lake Alcazar will be canceled.

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5884-3, City of Armour**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 5884-3, City of Armour, c/o Mayor Erna Putnam, P.O. Box 415, Armour, SD 57313.

The Chief Engineer is recommending DEFERRAL of Application No. 5884-3 to allow additional time for a determination of the status of Recognized Vested Water Right No. 851-3 held by the Department of Game, Fish and Parks.

See report on application for additional information.

A handwritten signature in black ink, appearing to read "John Hatch", is written over a horizontal line.

JOHN HATCH, Chief Engineer
October 24, 1995

Note: Recognized Vested Water Right Claim No. 851-3 is for Armour Lake also known as Lake Alcazar which is applied for in Application No. 5884-3. Game, Fish and Parks is currently reviewing the status of Claim No. 851-3.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

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

February 13, 1996

City of Armour
%Mayor Erna Putnam
P.O. Box 415
Armour, SD 57313

Dear Mayor Putnam:

Water Permit Application No. 5884-3 for recreation and fish and wildlife propagation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Armour Chronicle printed at Armour, SD (Ph # (605) 724-2747). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has 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.

c: Sharon and Carter Weise, %Clemens Weise Funder Home, 821 Main St., Armour, SD 57313



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

February 13, 1996

The Armour Chronicle
Box 129
Armour, SD 57313-0129

ATTENTION: Legal Department

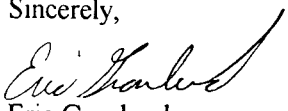
Enclosed is a Notice of Hearing on Application No. 5884-3 to be published twice. Please publish the first notice on March 5, 1996, with the second publication 7 days later.

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 the City of Armour, %Mayor Erna Putnam, P.O. Box 415, Armour, SD 57313 (Ph # (605) 724-2167).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

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

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on March 5, 1996, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5884-3 to Appropriate Water

Notice is given that the City of Armour, P.O. Box 415, Armour, SD 57313 has filed an application for a water permit to appropriate 10 acre-feet of water by restoring Lake Alcazar. This application requests to appropriate 0.33 cubic feet of water per second (cfs) [150 gallons per minute] from an unnamed creek located in the SW 1/4 NW 1/4 Section 7-T98N-R63W. This application also proposes to appropriate 0.022 cfs [10 gallons per minute] from one well (Niobrara Formation) 225 feet deep located in the SW 1/4 NW 1/4 Section 7-T98N-R63W. The well will be used as the secondary source when the creek does not provide sufficient water. The water will be pumped into Lake Alcazar to restore and maintain the lake level. Lake Alcazar is located in the W 1/2 NW 1/4 Section 7-T98N-R63W. The water is to be used for recreational purposes and to provide habitat for fish and wildlife propagation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5884-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to 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 April 19, 1996. 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.

The Water Management Board will consider this application at 10:00 a.m., May 1, 1996, Meeting Room, Yankton Community Library, 515 Walnut, Yankton, SD 57078. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. The May 1, 1996, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by April 19, 1996.

Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact Eric Gronlund by April 19, 1996, at the above Water Rights Program address to request copies of information pertaining to this application, to assure access to the hearing by the handicapped or to obtain an interpreter for the hearing impaired.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-20, 46-2A-21; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

Affidavit Of Publication



STATE OF SOUTH DAKOTA.

County of Douglas

RENEE VAN DER WERFF of said County and State, being first duly sworn, on her oath says: THE ARMOUR CHRONICLE is a weekly newspaper of general circulation, published in Armour, Douglas County, State of South Dakota by RENEE VAN DER WERFF and has been such newspaper during the times hereinafter mentioned; that the said newspaper is a legal newspaper; that it has a bona fide paid circulation of more than 200 copies weekly; that it has been published within said County of Douglas in the English language and has been admitted to the United States mail under the second class mailing privilege, for at least one year prior to the publication of such notices; that I the undersigned, am Editor and Publisher of said newspaper, in charge of the advertising department thereof, and have personal knowledge of all of the facts stated in this affidavit; that the advertisement headed

Notice of Hearing on Application No. 5884-3 to Appropriate Water

Notice is given that the City of Armour, P.O. Box 415, Armour, S.D. 57313 has filed an application for a water permit to appropriate 10 acre-feet of water by restoring Lake Alcazar. This application requests to appropriate 0.33

cubic feet of water per second (cfs) [150 gallons per minute] from an unnamed creek located in the SW 1/4 NW 1/4 Section 7-T98N-R63W. This application also proposes to appropriate 0.022 cfs [10 gallons per minute] from one well (Niobrara Formation) 225 feet deep located in the SW 1/4 NW 1/4 Section 7-T98N-R63W. The well will be used as the secondary source when the creek does not provide sufficient water. The water will be pumped into Lake Alcazar to restore and maintain the lake level. Lake Alcazar is located in the W 1/2 NW 1/4 Section 7-T98N-R63W. The water is to be used for recreational purposes and to provide habitat for fish and wildlife propagation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5884-3 because 1) ~~adequate~~ appropriated water is available, 2) ~~existing~~ rights will not be unlawfully ~~impair~~, 3) it is a beneficial use of water,

and 4) it is in the public interest.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre S.D. 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 April 19, 1996. 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.

The Water Management Board will consider this application at 10 a.m., May

Notice of Hearing on
Application No. 5884-3 to
Appropriate water

a printed copy of which is hereto attached, was printed and published in said newspaper

for two successive weeks and that said notice was published in the issues of said paper on the dates as follows, to-wit:

The first publication being made on March 5, 1996

the second publication being made on March 12, 1996

the third publication being made on _____, 19____

the fourth publication being made on _____, 19____

the fifth publication being made on _____, 19____

the sixth publication being made on _____, 19____

the seventh publication being made on _____, 19____

and the eighth publication being made on _____, 19____

that \$ 55.81 being the full amount of the fee for publication of the annexed notice, insures solely to the benefit of the publisher of the said newspaper; that no arrangement or understanding for a division thereof has been made with any person, and that no part thereof has been agreed to be paid to any person whomsoever.

Renee Van der Werff

Subscribed and sworn to before me this 25th day of March, 1996.

Beverly Steenstra

Notary Public, Douglas County, South Dakota

My Commission Expires 10-30-2001

over

1, 1996, meeting room, Yankton Community Library, 515 Walnut, Yankton, S.D. 57078. The chief engineer's recommendation is not final or binding upon the board. The board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. The May 1, 1996, hearing date will be automatically delayed for at least 20 days upon written request to the chief engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by April 19, 1996.

Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the board may be

appealed to the Circuit Court and State Supreme Court as provided by law. Contact Eric Gronlund by April 19, 1996, at the above Water Rights Program address to request copies of information pertaining to this application, to assure access to the hearing by the handicapped or to obtain an interpreter for the hearing impaired.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-20, 46-2A-21; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Nettie H. Myers, Secretary
Dept. of Environment and
Natural Resources

aL101;3/5-12



April 2, 1996

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

NOTICE

TO: Mayor Erna Putnam
City of Armour
P.O. Box 415
Armour, SD 57313

FROM: John Hatch, Chief Engineer
Water Rights Program
(605) 773-3352

SUBJECT: Change of Location of Hearing on Water Permit Application No. 5884-3

A hearing before the Water Management Board is scheduled for May 1, 1996, for the city of Armour's Water Permit Application No. 5884-3. This application is to pump water from an unnamed creek and a well to maintain Lake Alcazar. The application is also to authorize impoundment of 10 acre feet of water in Lake Alcazar.

The hearing was originally scheduled to be held in the Yankton Community Library. The Water Management Board will now consider this application at 10:00 AM, May 1, 1996, at the **Education Center on the Third Floor of the First Dakota National Bank, 225 Cedar Street, Yankton, SD 57078.**

People may file petitions to intervene in the hearing process up until April 19, 1996. Any person who files of petition will be informed of the change in location of the hearing.

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

c: Sharon and Carter Weise, Clemens Weise Funeral Home, 821 Main St., Armour, SD 57313

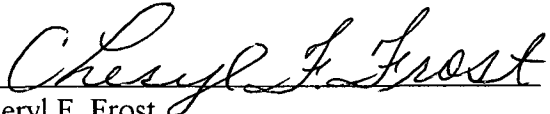
CERTIFICATION

I hereby certify that on April 2, 1996, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated April 2, 1996, regarding Change of Location of Hearing on Water Permit Application No. 5884-3, addressed as stated below:

Mayor Erna Putnam, City of Armour, P.O. Box 415, Armour, SD 57313.

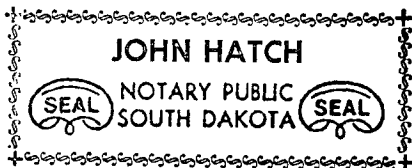
A copy of the above described Notice was sent first class mail to:

Sharon and Carter Weise, Clemens Weise Funeral Home, 821 Main Street, Armour, SD 57313.


Cheryl F. Frost
Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 3rd day of April, 1996





Notary Public

JOHN HATCH, Notary Public
My Commission Expires
April 1, 2001



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

JUL 2 1996

Janice Wright, Finance Officer
City of Armour
P.O. Box 415
Armour, SD 57313

Dear Ms. Wright:

Enclosed is Water Permit No. 5884-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
605 773-3352

enclosures

PLEASE NOTE: Certain changes may be made to your water permit usually without affecting the priority date. The location of a point of diversion may be changed or additional points of diversion may be approved if the water source remains unchanged; no additional water is appropriated; and, if irrigating, no additional land is irrigated. The change may be allowed without application or publication, if the Water Rights Program is contacted and the chief engineer makes a finding that the change does not increase the potential for interference with existing diversions.

A new water permit application is required to change water sources, increase the permitted diversion rate, or increase the irrigated acreage. If the application is approved, the water permit will receive a new priority date.



5884-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUL 08 2005

6544-3

City of Armour
% Mayor Travis Sparks
PO Box 415
Armour SD 57313

Dear Mayor Sparks:

Enclosed are Water Permit and Water License No. 6544-3. The Water License is the final water right document completing your process of obtaining a Water Right.

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,

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

NOTE: The applicable portions of 5884-3 have been incorporated into Water License No. 6544-3.

enclosures