

1112-1

1. Considered 9-29, 1976
2. Name of Applicant GLENN A. & PEGGY BROWN
3. Post Office Address LADNER
4. Amount of water claimed 3.77 (228 AC. FT STORAGE)
5. Source of water supply N. BULL CREEK & GALLAGHER DRAW
6. Water to be used for IRRIGATION
Acres to be irrigated 263.9
7. Water to be diverted and used in HARDING county
about 6W, 17N miles of BUFFALO
8. Proof of Publication Received ~~for~~ 10-7-76
Not received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 1112-1Map No. 923-1 Water Division No. 1 GRAND RIVER District _____
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE: Draw a line through items not applicable)

1. Name of Applicant Glenn A. and Peggy D. BrownPostoffice address Ladner, State South Dakota 57753

If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract and direct labor3. Name of diversion work Glen Brown Waterspreading System4. Amount of water claimed (cubic feet per second) 3.775. Source of water supply North Bull Creek and Gallagher Draw6. Location of point of diversion #1 on North Bull Creek 300' North and 1100' West SE Corner, Sec. 24, T22N, R3E; #2-on Gallagher Draw, 2490' South and 1870' West of NE Corner, Sec. 30-T22N, R4E, #3-on Side draw to Gallagher Draw 80' North and 1200' East of SW Corner, Sec. 29, T22N, R4E County Harding County7. Annual period or periods during which water is to be used March through November8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation9. For irrigation use, Total number of acres to be irrigated 263.9

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
		See attachment	

Attach sheet if more space is needed
five10. Time required to complete construction of water supply system _____ years. Additional time required to complete application of water to the proposed beneficial use four years.11. Choice of newspaper for Notice of Intent to Appropriate Water publication Buffalo Times Herald, Bison, SD

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Diversion dam from North Bull Creek
 Diversion dam from Gallagher Draw
 Diversion dam from Side draw to Gallagher Draw

B. Work proposed to transport water to place of use.

Diversion ditches

C. Works proposed to apply water to beneficial use.

Earthen dikes with corrugated metal pipe and low pressure control gates
Estimated Total Cost \$ 52,000.00Attachments: Attach Form 2A if diversion from a well or dugout or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of Hughes) ss.I, Glenn A. Brown the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Glenn A. BrownSubscribed and sworn to before me this 27th day of August 19 76

Notary Public (or other qualified officer)

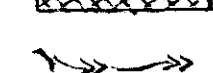
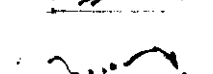
BETTY WESTLUND, Land/Water Clerk II

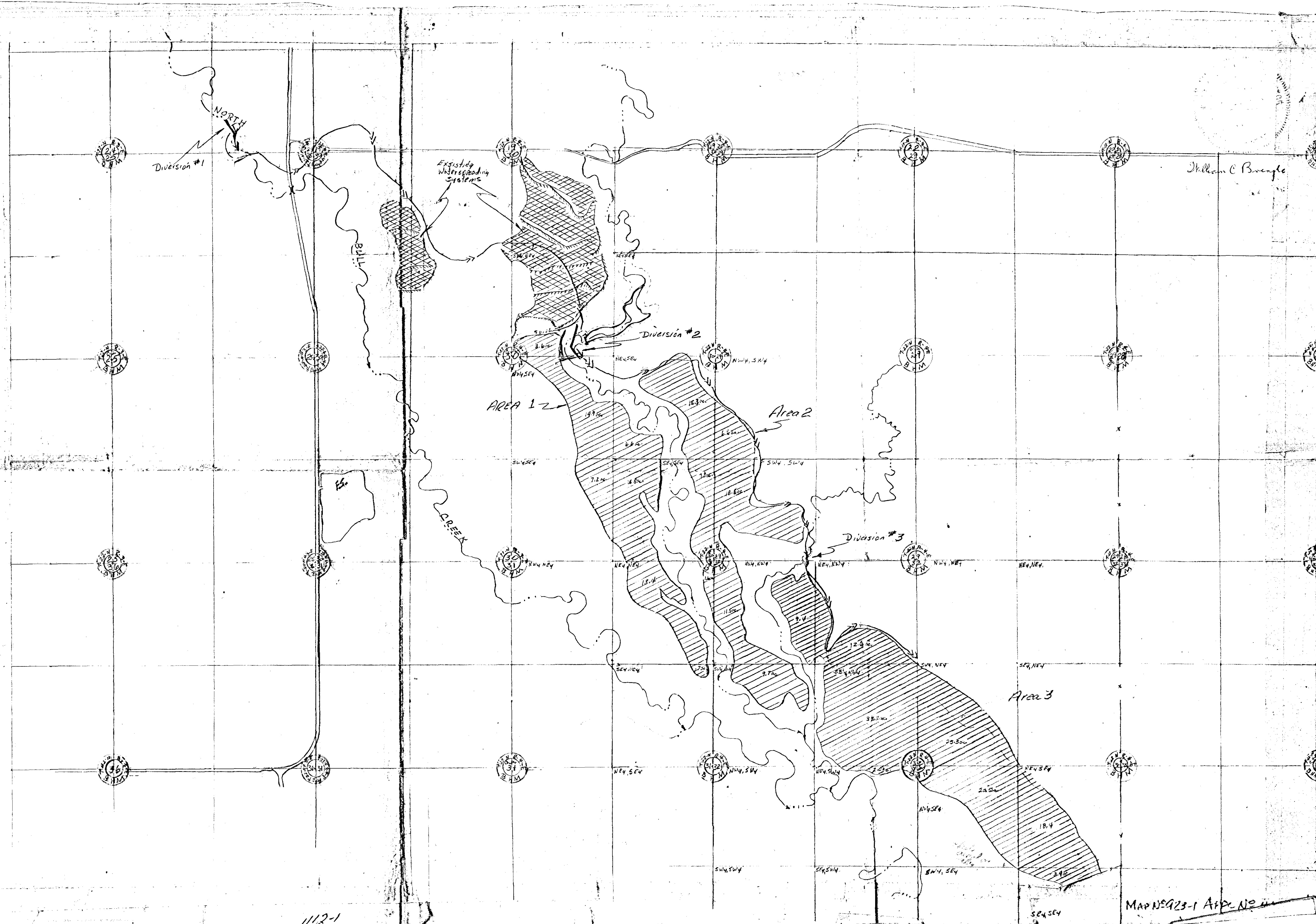
GLEN BROWN

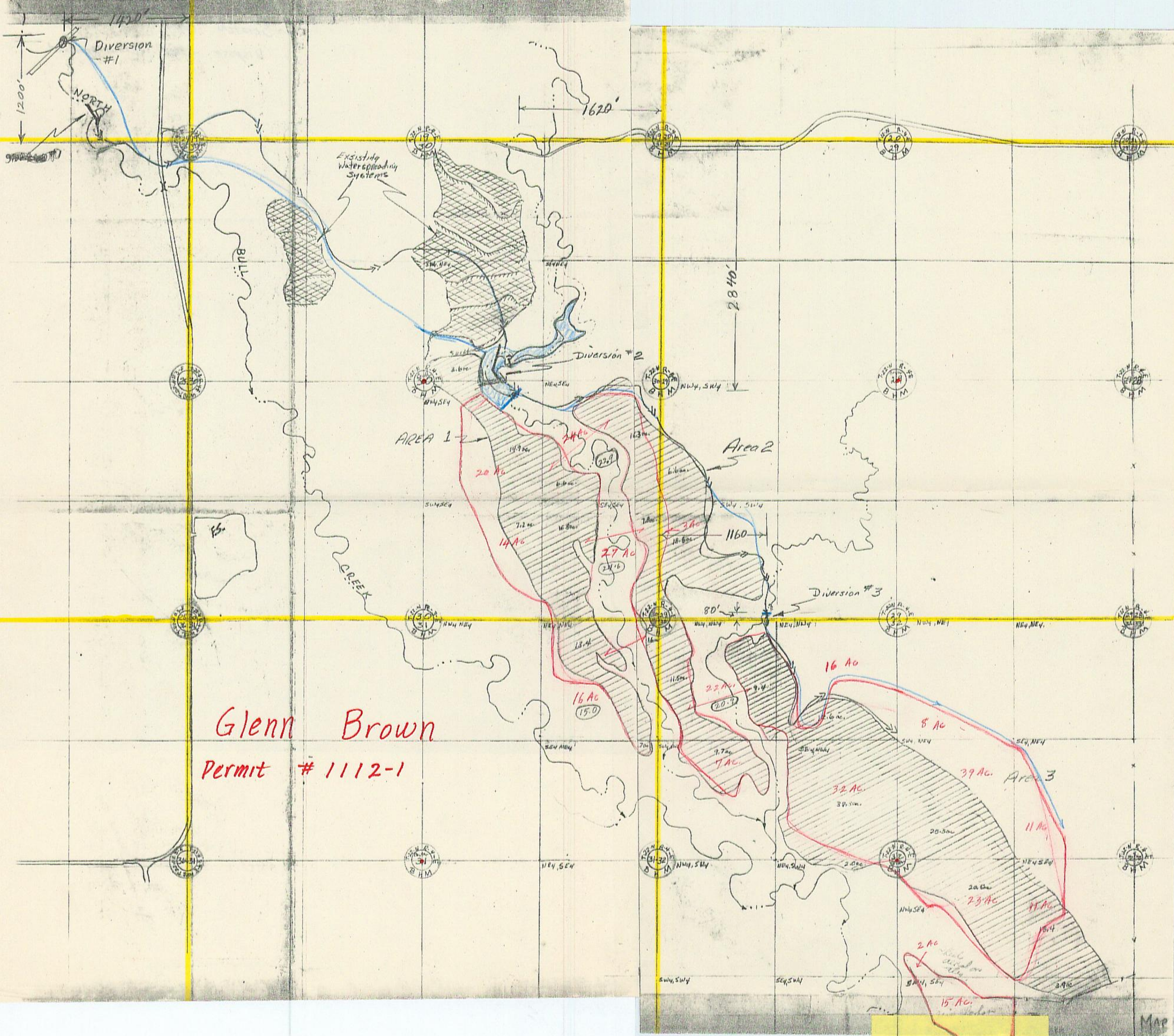
WATERSPREADING AREA				
LOCATION	SECTION	TOWNSHIP	RANGE	ACRES
AREA #1 Total 63.2 ac.				
SW ₄ , NE ₄	30	22-N	4-E	3.6 ac.
NW ₄ , SE ₄	30	22-N	4-E	14.9 ac.
SW ₄ , SE ₄	30	22-N	4-E	7.2 ac.
NE ₄ , SE ₄	30	22-N	4-E	16.6 ac.
SE ₄ , SE ₄	30	22-N	4-E	16.8 ac.
NE ₄ , NE ₄	31	22-N	4-E	13.4 ac.
SE ₄ , NE ₄	31	22-N	4-E	2.7 ac.
AREA #2 Total 71.1 ac.				
NW ₄ , SW ₄	29	22-N	4-E	6.6 ac.
SW ₄ , SW ₄	29	22-N	4-E	18.6 ac.
NE ₄ , SE ₄	30	22-N	4-E	15.3 ac.
SE ₄ , SE ₄	30	22-N	4-E	7.8 ac.
NE ₄ , NE ₄	31	22-N	4-E	1.6 ac.
NW ₄ , NW ₄	32	22-N	4-E	11.5 ac.
SW ₄ , NW ₄	32	22-N	4-E	7.7 ac.
AREA #3 Total 129.0 ac.				
NW ₄ , NW ₄	32	22-N	4-E	7.4 ac.
NE ₄ , NW ₄	32	22-N	4-E	12.6 ac.
SE ₄ , NW ₄	32	22-N	4-E	32.3 ac.
NE ₄ , SW ₄	32	22-N	4-E	3.2 ac.
SW ₄ , NE ₄	32	22-N	4-E	25.5 ac.
NW ₄ , SE ₄	32	22-N	4-E	20.8 ac.
NE ₄ , SE ₄	32	22-N	4-E	18.4 ac.
SE ₄ , SE ₄	32	22-N	4-E	3.9 ac.
Total for All 3 AREAS = 263.9 ac.				

Points of Diversion	
Diversion #1	On North Bull Creek 300' North and 1100' West of SE corner Section 24 T-22-N R-3-E
Diversion #2	On Gallagher Draw 2490' South and 1870' West of NE Corner Section 30 T-22-N R-4-E
Diversion #3	On Side Draw to Gallagher Draw 80' North and 1800' East of SW Corner Section 29 T-22-N R-4-E

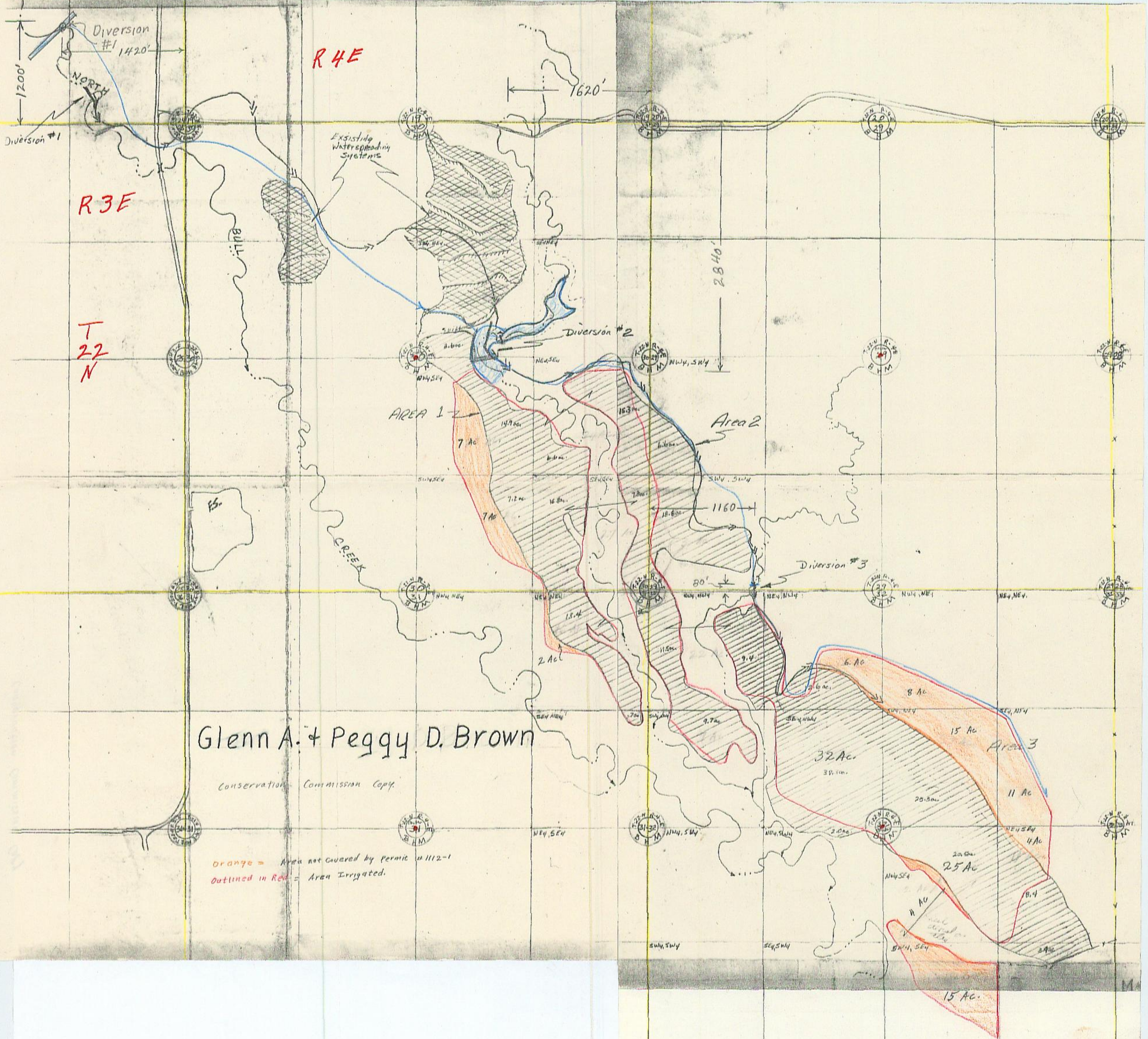
Scale 1" = 660' or 8" = 1 mile

-  Area to be developed for Waterspreading
-  Area already under Waterspreading
-  Diversion (proposed)
-  Channel of Creek or Draw





Glenn Brown
Permit # 1112-1



WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 1112-1
GLENNAL & PEGGY D. BROWN LADNER
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57753 With the following modifications:
 (State)

LOW FLOWS AS NEEDED FOR DOWNSTREAM DOMESTIC USE, INCLUDING LIVESTOCK WATERING, MUST BE BY-PASSED.
 APPROVAL OF THIS PERMIT AUTHORIZES 228 ACRE FEET OF STORAGE ANNUALLY.

Date of first receipt of application AUGUST 27, 1976
 Date of return to applicant for correction, amendments or changes required --- 19---
 Date of receipt of corrected application --- 19---
 Approved SEPTEMBER 29, 1976, Recorded in Book 15 Page 328

WATER RIGHT PERMIT NO. 1112-1

The Water Rights Commission hereby grants and issues this Water Right Permit No. 1112-1 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is AUGUST 27, 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 29, 1979
3. The whole of said work is to be completed on or before SEPTEMBER 29, 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is: SEPTEMBER 29, 1985
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 3.77 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before SEPTEMBER 29, 1985; said water to be used during the following described annual period: MARCH THRU NOVEMBER

Witness my hand this 22ND day of NOVEMBER 1976

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued --- 19---

Water License Issued --- 19---

GLEN BROWN

WATERSPREADING AREA

LOCATION	SECTION	TOWNSHIP	RANGE	ACRES
AREA # 1				
E 1/4, 22-11	20	22-N	4-E	2.4 ac.
N 1/4, 22-11	20	22-N	4-E	14.9 ac.
S 1/4, 22-11	20	22-N	4-E	2.2 ac.
NE 1/4, 22-11	20	22-N	4-E	6.4 ac.
SE 1/4, 22-11	20	22-N	4-E	16.2 ac.
SW 1/4, 22-11	21	22-N	4-E	13.8 ac.
SW 1/4, 22-11	21	22-N	4-E	2.4 ac.
AREA # 2				
SW 1/4, 22-11	29	22-N	4-E	6.6 ac.
SW 1/4, 22-11	29	22-N	4-E	15.6 ac.
NE 1/4, 22-11	30	22-N	4-E	15.3 ac.
SE 1/4, 22-11	30	22-N	4-E	17.3 ac.
NE 1/4, 22-11	31	22-N	4-E	11.6 ac.
SW 1/4, 22-11	32	22-N	4-E	11.5 ac.
SW 1/4, 22-11	32	22-N	4-E	2.2 ac.
AREA # 3				
NE 1/4, 22-11	32	22-N	4-E	9.4 ac.
NE 1/4, 22-11	32	22-N	4-E	12.6 ac.
SE 1/4, 22-11	32	22-N	4-E	37.5 ac.
SW 1/4, 22-11	32	22-N	4-E	2.0 ac.
SW 1/4, 22-11	32	22-N	4-E	25.5 ac.
NE 1/4, 22-11	32	22-N	4-E	20.5 ac.
NE 1/4, 22-11	32	22-N	4-E	18.0 ac.
SW 1/4, 22-11	32	22-N	4-E	3.9 ac.
Total for All 3 AREAS = 233.9 ac.				

Points of Diversion

Diversion # 1	On North Bull Creek 500' North and 1000' West of SE corner Section 20 T-22-N R-4-E
Diversion # 2	On Gallagher Draw 2490' South and 1370' West of NE Corner Section 30 T-22-N R-4-E
Diversion # 3	On Side Draw to Gallagher Draw 80' North and 1200' East of SW Corner Section 20 T-22-N R-4-E

Scale 1" = 660' 3" = 1 mile

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter _____, Depth _____
- (2) Casing, Type _____ Diameter _____ Thickness _____
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type _____, Diameter _____, Length _____
- (4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials _____

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property _____ rds. On property owned by others _____ rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

	Diversion Dam #1	Diversion Dam #2.	Div. Dam #3
Embankment Height	22.5 ft.	17 ft.	13 ft.
Water Depth at Principle spillway	15 ft	10 ft.	6 ft.
Surface area at Principle spillway	21 ac.	7.7 ac.	.5 ac.
Storage Capacity at Principle spillway	75 ac.ft.	23 ac.ft.	1.5 ac.ft
Water depth at Emergency spillway	19.5 ft/	14 ft.	10 ft.
Surface area at Emergency spillway	29 ac.	16.0 ac.	3 ac.
Storage capacity at Em.Spill.	139 ac.ft.	77 ac.ft.	12 ac.ft.

Glenn A. Brown
Signature of Applicant

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 1112-1



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Harding) ss.

I, Meade F. Hallock hereby
certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Buffalo Times-Herald

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

town Buffalo of

County of Harding and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

September 9, 1976

September 16, 1976

Meade F. Hallock
(Signature)

owner/publisher

(Title)

September 20, 1976

(Date Signed)

NOTICE INTENT TO
APPROPRIATE WATER

Pierre, South Dakota 57501
September 2, 1976

Notice is hereby given that
Glenn A. and Peggy D. Brown
whose post office address is
Ladner, South Dakota, has made
an application in accordance
with the provisions of the water
laws of South Dakota for a
permit to appropriate for bene-
ficial use 3.77 cubic feet of water
per second of time from the
North Bull Creek & Gallager
Draw through the Brown Water-
wreeding System, the points of
diversion of which are to be

located from Bull Creek in the
SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 24, T22N,
R3E; from Gallager Draw in the
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 30; and SW $\frac{1}{4}$
SW $\frac{1}{4}$ of Section 29, Twp. 22N,
Range 4E. Said water to be used
for the purpose of providing
irrigation on portions of the
following described land: NW $\frac{1}{4}$
SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 30;
W $\frac{1}{2}$ SW $\frac{1}{4}$, Section 29; E $\frac{1}{2}$ NE $\frac{1}{4}$,
Section 31; NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$,
N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$
SW $\frac{1}{4}$, Section 32, T22N, R4E.

This application No. 1112-1 will
be considered by the Water
Rights Commission at their
office at Pierre upon the 26th
day of September, 1976, at 10:00
A.M. All interested persons may
appear and be heard.

WATER RIGHTS
COMMISSION

By: BURTON F. JONES
Water Rights Specialist
(Sept. 9, 1976)

1112-1

No.

Date 9-6, 1976

TO: WATER RIGHTS COMMISSION

Joe Foss Building

Pierre, South Dakota 57501

Dear Sirs:

We are in receipt of your letter of 9-2, 1976 enclosing Notice of
Proposed Appropriation of Water, as proposed in Application No. 1112-1, which
was first published in our issue of 9-9, 1976.

ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Sincerely,

Meade F. Hallock

Publish first publication, on or before September 20, 1976

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

September 2, 1976

Notice is hereby given that Glenn A. and Peggy D. Brown

whose post office address is Ladner, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use

3.77

NORTH Bull Creek & Gallagher Draw

cubic feet of water per second of time from the through the

Brown Waterspreading System, the point of diversion of which is 878 from Bull Creek

SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 24, T22N, R3E; from Gallagher Draw in the SW $\frac{1}{4}$ NE $\frac{1}{4}$,

Section 30; and SW $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 20, Twp. 22N, Range 4E. Said water to be used for the purpose

of providing irrigation on ^{portions of} the following described land:

SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 30; W $\frac{1}{4}$ SW $\frac{1}{4}$, Section 20; E $\frac{1}{4}$ NE $\frac{1}{4}$, Section 31;

NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 32, T22N, R4E

1112-1

This application No. _____ will be considered by the Water Rights Commission at their office at
Pierre upon the 20th day of September, 1976, at 10:00 A.M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Glenn A. and Peggy D. Brown, Ladner, S.D. 57753

Glenn A & Peggy D. Brown.

1112.1

Areas Irrigated

Section 30, T22N R4E

NW $\frac{1}{4}$ SE $\frac{1}{4}$ = 20 Ac.

NE $\frac{1}{4}$ SE $\frac{1}{4}$ = 24

SW $\frac{1}{4}$ SE $\frac{1}{4}$ = 14

SE $\frac{1}{4}$ SE $\frac{1}{4}$ = 27

Section 31.

NE $\frac{1}{4}$ NE $\frac{1}{4}$ = 16 Ac.

Section 32

NW $\frac{1}{4}$ NW $\frac{1}{4}$ = 22 Ac.

NE $\frac{1}{4}$ NW $\frac{1}{4}$ = 16 Ac.

SW $\frac{1}{4}$ NW $\frac{1}{4}$ = 7

SE $\frac{1}{4}$ NW $\frac{1}{4}$ = 32

NW $\frac{1}{4}$ NE $\frac{1}{4}$ = 8

SW $\frac{1}{4}$ NE $\frac{1}{4}$ = 39

SE $\frac{1}{4}$ NE $\frac{1}{4}$ = 11

NE $\frac{1}{4}$ SW $\frac{1}{4}$ = 1

NW $\frac{1}{4}$ SE $\frac{1}{4}$ = 25

NE $\frac{1}{4}$ SE $\frac{1}{4}$ = 11

SW $\frac{1}{4}$ SE $\frac{1}{4}$ = 15

Section 29

SW $\frac{1}{4}$ SW $\frac{1}{4}$ = 3

Total = 271 Ac.

Permit No. 1112-1Grand River Water District 16130302**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWRNR, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by Glenn A. & Peggy L. Brown, Kadner Rt. a Buffalo, S.Dak. 57720 holder ofPermit No. 1112-1, bearing the priority of August 27 1976 authorizingthe diversion of 3.77 cu. ft. per second of the waters of North Bull Creek and Gallagher Dr. for Irrigation purposes, in Harding County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

See Attached Sheet.

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

Irrigation canals to the fields

C. Works used to apply water to beneficial use:

Ditch and Dikes.Detention Type system on Area 3. Dikes have 24" CMP/Hd. gates thru them.The system is in the following condition GoodThe point of diversion is located Dam #1 = 1200' N + 1420' W of SE Cor. Sec 24, T20N R3E
Dam #2 = 2840' S and 1620' W of NE Cor Sec. 30, T22N R4E, Dam #3 = 80' N
and 1160' E of SW Cor of Sec. 29, T23N R4EThe works are capable of diverting and conveying to the place of use 40cu. ft. per second of water which is to be used for Irrigation.

Water has been put to beneficial use to the maximum extent as follows:

comprising a total of _____ acres of land and the license should be issued for _____ cfs

Applicable permit qualifications have been complied with _____ Yes _____ No

Exceptions to compliance are: _____ Date _____

#1112-1 Glenn A. + Peggy D. Brow.

8-20-84

Dam Information.

Dam #1	Dam # 2	Dam # 3
Height = 22.5 ft.	17 ft.	13 ft.
Length = 700 ft	600 ft./800' dikes	300 ft.
Top Width = 12 ft.	12 ft.	10 ft
Freeboard = 4.0 ft.	4.0 ft.	4.0 ft
Water Depth = 15 ft.	10. ft.	6.0 ft
Surface Ac. = 21 AC	7.7 AC	0.5 AC.
$21 \times 15 \times .4$ Storage. = 126 AF.	$7.7 \times 6 \times .4 = 30$ AF.	$6 \times 1.5 \times .4 = 3.6$ AF
Side Slopes. 4:1 up; 2:1 down	4:1 up. 2:1 down	4:1 up. 3:1 down
Outlet Pipe 30" CMP/Hd Gate.	30" CMP/Hd Gate.	24" dia CMP/Hd Gate to field. 30" to N. Field No Hd/gate.
Em. Spillway 100+ ft.	600 ft.	100+ ft.
Has primary Spillway	Has Primary Spillway	

WATER RIGHTS DIVISION
(605) 773-3352

January 29, 1985

Glenn A. and Peggy Brown
Ladner Route
Buffalo, South Dakota 57720

Dear Mr. & Mrs. Brown:

On June 20, 1984 I made a final inspection of your Water Permit No. 1112-1. In checking the area you are irrigating, as compared to the area applied for, I find that you are irrigating 79 acres that are not covered under permit No. 1112-1. (See enclosed maps) In order to comply with the South Dakota Water Laws you will need to submit an application to this office for the area not covered. Permit No. 1112-1 was for 263.9 acres. You are irrigating 291 acres which is an additional 27 acres. However, there are 79 acres of land not covered under No. 1112-1. Therefore the new permit is required for these areas.

In order to assist you in your application I am enclosing a completed Form 2, "Application for Permit". Please check the form over make any corrections necessary to make it as accurate as possible. Then sign and have notarized and return to this office with a check for \$150.00 to cover the cost of the filing fees.

Also enclosed are two maps of the area. Please check these over and make any corrections necessary. If you do make changes on the maps please return them to this office along with the Form 2 so that we may correct our office copy. If you do not make any changes on the maps you may keep them for your use.

Soil and Water Compatibility is required for the areas listed on form 2a and also shown in orange on the one map. See paragraph 6 of the instruction sheet for Soil and Water Compatibility.

If you have any questions regarding the matter please feel free to contact this office.

Sincerely,

LeRoy J. Marnaugh
Natural Resources Engineer

LJM:ms
Enc.

No. _____	Hydrologic Unit <u>10130302</u>
Map No. _____	Basin <u>Grand River</u>
Newspaper _____	

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

Type of Application: Check one or more of the following:

New ☐ Vested Right ☐ Future Use ☐☐ Application to amend Permit No. 1112-1 with old priority date retained☐ Change diversion point(s) ☐ Add diversion point(s) ☐ Change acreage ☒ Other ☐☐ Application to: ☐ Change use ☐ Change diversion point(s) ☐ Add diversion point(s)☒ Add Acreage ☐ Increase diversion rate ☐ Other _____ See Permit No. 1112-1☐ Application to: ☐ Use ☐ Transfer water reserved by Future Use Permit No. _____1. Name of Applicant Glenn A. and Peggy D. Brown Phone No. _____Post Office Address HCR 1, Box 29
Ladner Route, Buffalo, South Dakota State 57720
(Street, RR or Box) Zip Code2. Amount of water claimed (c.f.s.) .39 add'l Total acres irrigated 793. Source of Water supply North Bull Creek and Gallagher Draw4. Location of point of diversion Dam #1 - 1200'N and 1420'W of SE Corner Section 24, T22N, R3E
Dam #2 - 2840'S and 1620'W of NE Corner Section 30, T22N, R4E. Dam #3 - 80'N and
1160'E of SW Corner Section 29, T22N, R4E County Harding5. Counties where water will be used Harding6. Annual period during which water is to be used March thru November

7. List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30 T22N R4E	7
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30 T22N R4E	7
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31 T22N R4E	2
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32 T22N R4E	6

Land Description	No. Acres Irr.
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T22N R4E	15
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T22N R4E	11
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32 T22N R4E	4
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32 T22N R4E	4

NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T22N R4E 8 Attach sheet if more space is needed SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32 T22N R4E 15

8. Give a brief description of proposed 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)

Attachments: Attach form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA
County of Harding)^{ss}I Glenn A. Brown the applicant, certify that I have read the foregoing application, have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Glenn A. BrownSubscribed and sworn to before me this 12th day of December 19 86Clifford Boyle
Notary Public (or other qualified officer)

WATER PERMIT

The Water Management Board hereby approves Water Permit Application No. _____

(Post Office Address)

(Applicant)

With the following qualifications.

(Zip Code)

(State)

Date of first receipt of application _____, 19____.

Date of return to applicant for correction, amendments or changes required _____, 19____.

Date of receipt of corrected application _____, 19____. Approved _____, 19____.

The Water Management Board hereby approves this Water Permit No. _____ authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is _____, 19____.
2. One-fifth of the work is to be completed on or before _____, 19____.
3. The whole of said work is to be completed on or before _____, 19____.
4. The time limit for proof of beneficial use of water is _____, 19____.
5. The water appropriated shall be used for the purpose of _____.
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be unlawfully impaired by this appropriation.
7. The amount of the appropriation herein granted shall not exceed _____ cubic feet per second; neither shall it exceed the capacity of the above described water supply system nor shall it exceed the amount of water needed for beneficial uses served. For irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before _____, 19____; said water to be used during the following described annual period: _____.

WATER MANAGEMENT BOARD

By: _____ Chief Engineer

Division of Water Rights
Dept. of Water and Natural Resources

_____, 19____.

No. _____	Hydrologic Unit	<u>10130302</u>
Map No. _____	Basin	<u>Grand River</u>
Newspaper _____		

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

Type of Application: Check one or more of the following:

New ☐ Vested Right ☐ Future Use ☐☐ Application to amend Permit No. 1112-1 with old priority date retained☐ Change diversion point(s) ☐ Add diversion point(s) ☐ Change acreage ☒ Other ☐☐ Application to: ☐ Change use ☐ Change diversion point(s) ☐ Add diversion point(s)☒ Add Acreage ☐ Increase diversion rate ☐ Other _____ See Permit No. 1112-1☐ Application to: ☐ Use ☐ Transfer water reserved by Future Use Permit No. _____1. Name of Applicant Glenn A. and Peggy D. Brown Phone No. _____Post Office Address HCR 1, Box 29
Ladner Route, Buffalo, South Dakota State 57720
(Street, RR or Box) Zip Code2. Amount of water claimed (c.f.s.) .39 add'l Total acres irrigated 793. Source of Water supply North Bull Creek and Gallagher Draw4. Location of point of diversion Dam #1 - 1200'N and 1420'W of SE Corner Section 24, T22N, R3E
Dam #2 - 2840'S and 1620'W of NE Corner Section 30, T22N, R4E. Dam #5 - 80'N and
1160'E of SW Corner Section 29, T22N, R4E County Harding5. Counties where water will be used Harding6. Annual period during which water is to be used March thru November

7. List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30 T22N R4E	7
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30 T22N R4E	7
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31 T22N R4E	2
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32 T22N R4E	6
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T22N R4E	

Land Description	No. Acres Irr.
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T22N R4E	15
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T22N R4E	11
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32 T22N R4E	4
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32 T22N R4E	4

8 Attach sheet if more space is needed SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32 T22N R4E 15

8. Give a brief description of proposed 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)

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

STATE OF SOUTH DAKOTA
County of _____

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

Signed Glenn A. BrownSubscribed and sworn to before me this _____ day of _____ 1976

WATER PERMIT

The Water Management Board hereby approves Water Permit Application No. _____

(Applicant)

(Post Office Address)

State

Zip Code

With the following qualification:

Date of first receipt of application _____, 19____.

Date of return to applicant for correction, amendments or changes required _____, 19____.

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3. The whole of said work is to be completed on or before _____, 19____.
4. The time limit for proof of beneficial use of water is _____, 19____.
5. The water appropriated shall be used for the purpose of _____.
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be unlawfully impaired by this appropriation.
7. The amount of the appropriation herein granted shall not exceed _____ cubic feet per second; neither shall it exceed the capacity of the above described water supply system nor shall it exceed the amount of water needed for beneficial uses served. For irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before _____, 19____; said water to be used during the following described annual period: _____.

WATER MANAGEMENT BOARD

By: _____

Chief Engineer

Division of Water Rights

Dept. of Water and Natural Resources

_____, 19____.

South Dakota
Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 13, 1987

Glenn A & Peggy D Brown,
HCR 1, Box 29, Lander Rt
Buffalo SD 57720

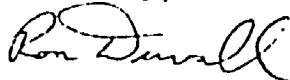
Dear Mr. & Mrs. Brown:

This letter is in response to your water permit application received on December 3, 1986. The following corrections need to be completed before the application can be processed:

1. Enclosed is a second set of permit applications with the proposed corrections and a copy of the original application sent to Water rights. The corrections are marked in red. The changes are needed because 79 additional acres can have a diversion rate of 1.12 cfs and this application cannot retain the priority date on Permit No. 1112-1. The priority date cannot be retained because the application was not submitted within the 5 year construction period on Permit No. 1112-1 and the application is for acreage in excess of the existing permit. SDCL 46-5-30.4 is the statutory authority upon which the corrections to your permit application are needed.
2. Enclosed is your \$150.00 check for the original application fee. The fee for 79 acres is \$225.00 as shown on the enclosed instruction sheet.
3. Review the new set of applications for any errors and then sign and notarize the forms and return with the \$225.00 application fee.

The permit application can be processed only when the application is complete and legally correct. Please contact us if you have any questions.

Sincerely,



RON DUVAL
Natural Resources Engineer

RD:ks

enclosures

Permit No. 1112-1/1625-1
Grand River - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, 6/20/1995, made a thorough examination of the water use system owned by Glenn or Peggy Brown of HC 67, Box 29, Buffalo, SD 57720, holder of Permit No. 1112-1, bearing the priority of August 27, 1976/July 21, 1995, authorizing the diversion of 3.77/0.39 cu. ft. per second and the storage of 228 acre-feet of the waters of surface water for irrigation purposes, in Harding County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

Gravity system of irrigation.

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

About 2.5 miles of irrigation canals, 10 feet wide, 4 feet deep.

C. Works used to apply water to beneficial use:

A network of laterals and dikes. The dikes are about 5 feet high and 4 feet wide.

The system is in the following condition Good. The points of diversion are located: Dam No. 1: About 1200 feet north, 1420 west from the southeast corner of Section 24, T22N-R3E (SW1/4 SE1/4); Dam No. 2: About 2840 feet south and 1620 feet west from the northeast corner of Section 30, T22N-R4E (NW1/4 SE1/4); Dam No. 3: About 1160 feet east, 80 feet north from the southwest corner of Section 29, T22N-R4E (SW1/4 SW1/4). The works are capable of diverting and conveying to the place of use 3.77+ cu. ft. per second of water and storing 228 acre-feet of water which is used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

All in T22N-R4E

Section 29		Section 32	
SW1/4 SW1/4	3.0 ac.	NW1/4 NW1/4	22.0 ac.
		SW1/4 NW1/4	7.0 ac.
Section 30		NE1/4 NW1/4	16.0 ac.
NW1/4 SE1/4	20.0 ac.	SE1/4 NW1/4	32.0 ac.
NE1/4 SE1/4	24.0 ac.	NW1/4 NE1/4	8.0 ac.
SW1/4 SE1/4	14.0 ac.	SW1/4 NE1/4	39.0 ac.
SE1/4 SE1/4	27.0 ac.	SE1/4 NE1/4	11.0 ac.
		NE1/4 SW1/4	1.0 ac.
Section 31		NW1/4 SE1/4	25.0 ac.
NE1/4 NE1/4	16.0 ac.	NE1/4 SE1/4	11.0 ac.
		SW1/4 SE1/4	15.0 ac.

comprising a total of 291 acres of land and the license should be issued for 4.16 cfs and 228 acre-feet of storage.

Applicable permit qualifications have been complied with: Yes ☒ No

Exceptions to compliance are: None Date Report Completed: 7/27/1995

M. Rassool Ahadi

M. Rassool Ahadi
Natural Resources Engineer
DENR, Water Rights Program

REPORT ON INSPECTION OF PERMIT NO.1112-1

DATE OF INSPECTION: 6/20/1995

NAME & ADDRESS OF PERMIT HOLDER: Glenn or Peggy Brown, HC 67, Box 29, Buffalo, SD 57120

DIVERSION POINT LEGAL LOCATION: Dam No. 1: SW1/4 SE1/4 Section 24, T22N-R3E

DISTRIBUTION LINES OR CANALS:***

- 1) Type Earthen 2) Size 10 feet wide, 4 feet deep 3) Length about 5000 feet
*** Water from this dam is transported via the canal to Diversion Point No. 2.

DAM INFORMATION:

- 1) Height to crest 23 feet
- 2) Height to primary spillway 19 feet
- 3) Height to secondary spillway 21 ft
- 4) Crest width 12 feet
- 5) Crest length 400 feet
- 6) Secondary spillway length 120 feet
- 7) Secondary spillway width 80 feet
- 8) Approx. storage 75 ac-ft
- 9) Approx. storage to seconadry spillway 139 ac-ft
- 10) Date constructed: Early 1980's

OUTLET TUBES:

- 1) Diameter 30 inches
- 2) Type CMP
- 3) Valved Y
- 4) Valve type Screw
- 5) Location on structure Middle-Bottom
- 6) Category of dam III
- 7) Inspection sheet completed (N)
- 8) Name of contractor Unknown

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit NA
- 2) Special qualifications to permit being abided by Y
- 3) All structures, wells and lands on map Y
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA

REPORT ON INSPECTION OF PERMIT NO. 1112-1

DATE OF INSPECTION: 6/20/1995

NAME & ADDRESS OF PERMIT HOLDER: Glenn or Peggy Brown, HC 67, Box 29, Buffalo, SD 57720

DIVERSION POINT LEGAL LOCATION: Dam No. 2: NW1/4 SE1/4 Section 30, T22N-R4E

DISTRIBUTION LINES OR CANALS:

- 1) Type Earthen 2) Size 10 feet wide, 4 feet deep 3) Length about 4000 feet

DAM INFORMATION:

- 1) Height to crest 17 feet
- 2) Height to primary spillway 13 feet
- 3) Height to secondary spillway 15 ft
- 4) Crest width 12 feet
- 5) Crest length 600 feet
- 6) Secondary spillway length 60 feet
- 7) Secondary spillway width 20 feet
- 8) Approx. storage 23 ac-ft
- 9) Approx. storage to secondary spillway 77 ac-ft
- 10) Date constructed: Early 1980's

OUTLET TUBES:

- 1) Diameter 30 inches
- 2) Type CMP
- 3) Valved Y
- 4) Valve type Screw
- 5) Location on structure East side-Bottom
- 6) Category of dam III
- 7) Inspection sheet completed N
- 8) Name of contractor Unknown

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit NA
- 2) Special qualifications to permit being abided by Y
- 3) All structures, wells and lands on map Y
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA

REPORT ON INSPECTION OF PERMIT NO.1112-1

DATE OF INSPECTION: 6/20/1995

NAME & ADDRESS OF PERMIT HOLDER: Glenn or Peggy Brown, HC 67, Box 29, Buffalo, SD 57720

DIVERSION POINT LEGAL LOCATION: Dam No. 3: SW1/4 SW1/4 Section 29, T22N-R4E

DISTRIBUTION LINES OR CANALS:

- 1) Type Earthen 2) Size 10 feet wide, 4 feet deep 3) Length 4200 feet

DAM INFORMATION:

- 1) Height to crest 13 feet
- 2) Height to primary spillway 11 feet
- 3) Height to secondary spillway 12 ft
- 4) Crest width 10 feet
- 5) Crest length 300 feet
- 6) Secondary spillway length 30 feet
- 7) Secondary spillway width 30 inches**
- 8) Approx. storage 1.5 ac-ft
- 9) Approx. storage to secondary spillway 12 ac-ft
- 10) Date constructed: Early 1980's

OUTLET TUBES:

- 1) Diameter 24 inches
- 2) Type CMP
- 3) Valved Y
- 4) Valve type Screw
- 5) Location on structure Middle-Bottom
- 6) Category of dam III
- 7) Inspection sheet completed N
- 8) Name of contractor Unknown

** The secondary spillway is used to irrigate the north field. This 30 inch CMP is not gated.

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit NA
- 2) Special qualifications to permit being abided by Y
- 3) All structures, wells and lands on map Y
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA



1112-1

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

DEC 21 1995

Glenn A. or Peggy D. Brown
HC 67, Box 29
Buffalo SD 57720

Dear Mr. and Mrs. Brown:

Enclosed is Water Permit and Water License No. 1625-1. Water License No. 1625-1 is the final document which completes the process of obtaining a water right. The applicable portions of Water Permit No. (1112-1) have been incorporated into this Water License No. 1625-1.

The application fee submitted for Water Permit No. 1625-1 was \$225.00. The application fee should have been \$150.00. The fee for the inspection and issuance of the water license is \$50.00 (for a total of \$200.00). Therefore \$25.00 will be refunded to you. You should receive this refund within the next couple of weeks.

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.

Very truly yours,

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

ks
enclosures

1112-1



HC 67 Box 29
Buffalo, SD 57720

March 11, 1996

Department of Environment and Natural Resources
523 East Capitol
Pierre, SD 57501-3181

Dear Sir,

We have sold our ranch in Harding County to our son and want to transfer/assign Water Permits and Water Licenses No. 1625-1 and 1112-1 to Tim and Tracy Brown, PO Box 205, Buffalo SD 57720.

Please advise us of the proper procedure.

Sincerely,

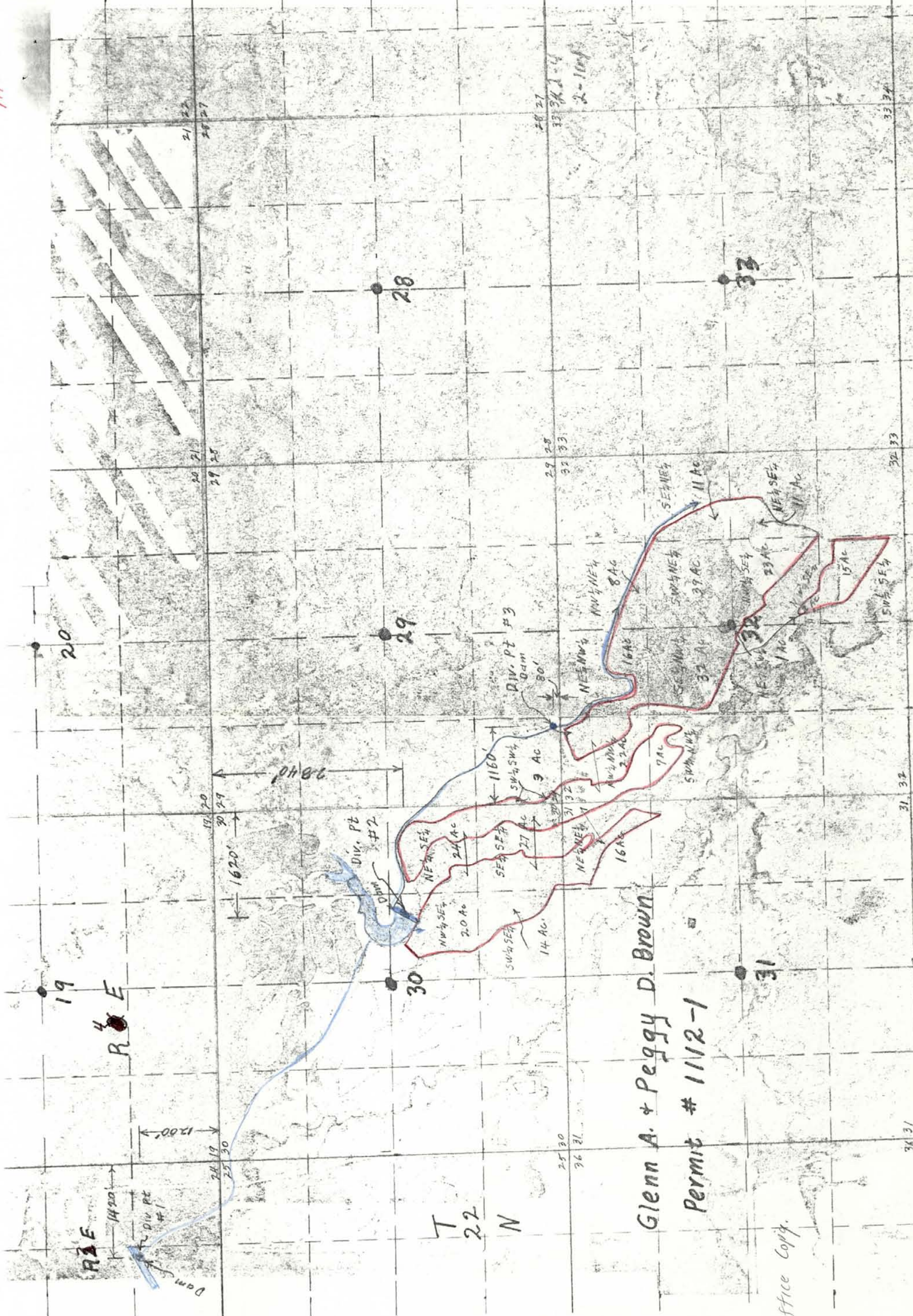
Peggy D. Brown

Glenn A. and Peggy D. Brown

3/13/96 I called & spoke with Peggy Brown. I explained the transfer process and told her I would send a form directly to Tim & Tracy since they would be the ones signing the form.

Senary

1112-1



Glenn A. & Peggy D. Brown

Permit # 1112-1

Office Copy.