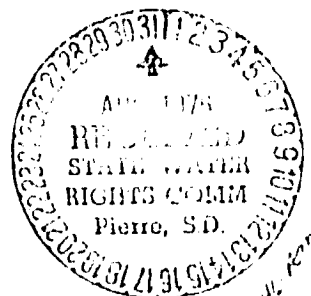


Water Right Number 2986-3

1. Considered 9.29, 19 76
2. Name of Applicant ROY LEE BULTMAN
3. Post Office Address WESSINGTON
4. Amount of water claimed 2.22
5. Source of water supply 100' WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 640
7. Water to be diverted and used in HAND County
about 11N, 1W Miles of WESSINGTON
8. Proof of Publication
Received ~~1st~~ 9-29-76
Not received
9. Application
Approved
Subject to
Not approved
Action deferred
10. Remarks:

Map No. 2315-3 Water Division No. 3 JAMES 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 Roy Lee Bultman
 Post-office address Rt. 1, Wessington Box 111, State South Dakota 57381
 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 labor
3. Name of diversion work BULTMAN
4. Amount of water claimed (cubic feet per second) 2.22
5. Source of water supply Ground water
6. Location of point of diversion SW 1/4 11-13-66W
- County Hand
7. Annual period or periods during which water is to be used April through October
8. Use to be made of water (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, Total number of acres to be irrigated 1,40

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.
NW 1/4 of NW 1/4 Sec 11, 113N-66W	40	NW 1/4 of SW 1/4 Sec 11, 113N-66W	40
SW 1/4 of NW 1/4 Sec 11, 113N-66W	40	SW 1/4 of SW 1/4 Sec 11, 113N-66W	40
NE 1/4 of NW 1/4 Sec 11, 113N-66W	40	NE 1/4 of SW 1/4 Sec 11, 113N-66W	40
SE 1/4 of NW 1/4 Sec 11, 113N-66W	40	SE 1/4 of SW 1/4 Sec 11, 113N-66W	40
Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW 1/4 of NE 1/4 Sec 11, 113N-66W	40	NW 1/4 of SE 1/4 Sec 11, 113N-66W	40
SW 1/4 of NE 1/4 Sec 11, 113N-66W	40	SW 1/4 of SE 1/4 Sec 11, 113N-66W	40
NE 1/4 of NE 1/4 Sec 11, 113N-66W	40	NE 1/4 of SE 1/4 Sec 11, 113N-66W	40
SE 1/4 of NE 1/4 Sec 11, 113N-66W	40	SE 1/4 of SE 1/4 Sec 11, 113N-66W	40

12. Principal Features of the Proposed Water Supply System.

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

Bowl pump

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

Main line

C. Works proposed to apply water to beneficial use.

Sprinkler

Estimated cost \$ _____

Attachment: 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 Hand)

I, Roy Lee Bultman 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 Roy Lee BultmanSubscribed and sworn to before me this 24 day of April, 1974

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2986-3

ROY LEE BULTMAN
(Applicant)

R.R. #1, WESSINGTON
(Post Office Address)

SOUTH DAKOTA 57381
(State)

With the following modifications:

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application AUGUST 31 1976
Date of return to applicant for correction, amendments or changes required --- 19---
Date of receipt of corrected application SEPTEMBER 10 1976
Approved SEPTEMBER 30 1976 Recorded in Book 16 Page 92

WATER RIGHT PERMIT NO. 2986-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2986-3 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 31 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 30 1979
3. The whole of said work is to be completed on or before SEPTEMBER 30 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 30 1983
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 2.22 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 30 1983; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 29TH day of NOVEMBER 1976

WATER RIGHTS COMMISSION

By:

John Walsh
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

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

Log to be furnished by driller.

D. Well Information or Estimates

(1) Drill Hole, Diameter _____, Depth 500' 900 GPM

(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 200 rds. On property owned by others 160+ rds

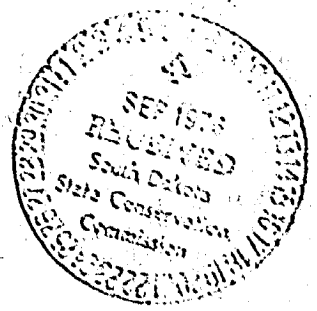
G. Water Storage Dams

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.

Ray L. Bultrian
Signature of Applicant

Memo

Water Resources Institute
South Dakota State University
Brookings, S.D. 57006
605-683-4910



Memo

Water Resources Institute
South Dakota State University
Brookings, S.D. 57006
605-683-4910

Post Title a problem with the water



STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 49-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Ray Lee Bulman
ADDRESS Rt. 1 Weesington, South Dakota 57381
COUNTY Hand

LEGAL DESCRIPTION

1. WELL LOCATION Sec. 11-113-86
2. LOCATION OF AREA TO BE IRRIGATED Sec. 11-113-86

TYPE OF IRRIGATION

3. GRAVITY TOWLINE Sprinkler system CENTER PIVOT GUN
4. CROPS TO BE IRRIGATED Alfalfa, corn pasture

WATER QUALITY

5. SAMPLE NUMBER 76-1189
6. SALINITY (EC X 10⁶) 93
7. SODIUM (SAR) 77
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and; the soils information has been acquired from Hand Conservation District, County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true and correct.

Ray Lee Bulman
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
26 DAY OF August 19 76.

Rich Adams - Sec. Bullock Co.
(TITLE OR SEAL) Conservation District

Allen S. Haffey
APPROVED/DENIED

(SOILS INFORMATION ON REVERSE SIDE)

CONSERVATION
COMMISSION
FORM W1 (1)

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Roy Lee Bultman

ADDRESS Rt. 1 Wessington, South Dakota 57381

COUNTY Hand

LEGAL DESCRIPTION

1. WELL LOCATION SW 1/4 Sec. 11-113-66
2. LOCATION OF AREA TO BE IRRIGATED Sec. 11-113 -66

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ Sprinkler system _____ CENTER PIVOT _____ GUN _____
4. CROPS TO BE IRRIGATED Alfalfa, corn pasture

WATER QUALITY

5. SAMPLE NUMBER 76-1189
6. SALINITY (EC X 10⁶) 93
7. SODIUM (SAR) 77
8. RESIDUAL SODIUM CARBOXYLATE (meq/l.) 0

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and: the soils information has been acquired from Hand Conservation District, County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true and correct.

Roy Lee Bultman
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
26 DAY OF August 19 76.

Rich. J. [unclear] - Sec. Bland Co.
(TITLE OR SEAL) Conservation Dist.

Alfred J. [unclear]
APPROVED/DENIED

(SOILS INFORMATION ON REVERSE SIDE)

CONSERVATION
COMMISSION
FORM #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Roy Lee Bultman
ADDRESS Rt. 1, Wessington, South Dakota 57381
COUNTY Hand

LEGAL DESCRIPTION

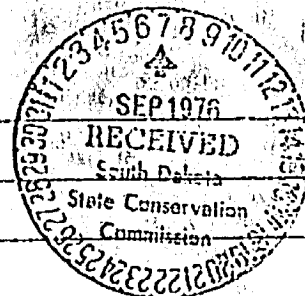
1. WELL LOCATION SW 1/4 Sec. 11-113-66
2. LOCATION OF AREA TO BE IRRIGATED Sec. 11-113-66

TYPE OF IRRIGATION

3. GRAVITY TOWLINE Sprinkler System CENTER PIVOT GUN
4. CROPS TO BE IRRIGATED Alfalfa, corn pasture

WATER QUALITY

5. SAMPLE NUMBER
6. SALINITY (EC X 10⁶)
7. SODIUM (SAR)
8. RESIDUAL SODIUM CARBONATE (meq/l.)



I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and; the soils information has been acquired from Hand Conservation District, County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true and correct.

Roy Lee Bultman
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
26 DAY OF August 19 76.

Rich Nelson - Sec. Bradie
(TITLE OR SEAL) Conservation Dist.

ALLAN STELLER
APPROVED/DENIED

(SOILS INFORMATION ON REVERSE SIDE)

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

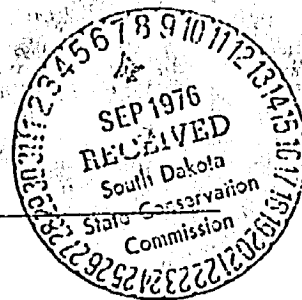
Submitted by: Eoy Lee Tullman
 Address: At. 1
Hot Springs, SD 57381

Date Rec'd August 30, 1976
 Sample No. 75-1189
 Identification Cell-
SW2, Sec. 11, T 113N, R 66W

WATER ANALYSIS

Calcium (Ca)	107	ppm*	5.35	me/l**
Magnesium (Mg)	36	ppm	2.95	me/l
Sodium (Na)	36	ppm	1.57	me/l
Potassium (K)	14	ppm	0.36	me/l
Sulfate (SO ₄)	220	ppm	4.58	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	30	ppm	0.85	me/l
Bicarbonate (HCO ₃)	381	ppm	6.24	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)		ppm		
Alkalinity (Methyl Orange)	312	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	934	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.77			
Sodium	15.24	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.71			
Others:				

*ppm=parts per million
 **me/l=millequivalents per liter
 ***g.p.g.=grains per gallon



COMMENTS: Total cations 10.23 me/l
 Total anions 11.67 me/l

By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$8.00
Make checks payable to: Water Quality Laboratory	
Cut along dotted line and return the lower portion with payment	
Sample No. <u>75-1189</u>	Amount Enclosed \$ _____
	Signed _____

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

No. 298613

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Beadle) ss.

I, Dorothy Murphy hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Huron Daily Plainsman

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

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

September 20, 1976

September 27, 1976

Dorothy Murphy
(Signature)

Bookkeeper
(Title)

September 27, 1976
(Date Signed)

F.P. 9-20-76 1776-3 L.P. 9-27-76
NOTICE INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501
September 13, 1976
Notice is hereby given that Roy
Lee Bullman, whose post office
address is _____ 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 2.22 cubic feet of water per
second of time from ground water
through the Bullman No. 1, the point
of diversion of which is to be located
in the center of the SW 1/4 of Section
11, Twp. 113N, Range 64W, said
water to be used for the purpose of
providing irrigation on portions of
the following described land: Sec-
tion 11, T113N, R64W, S11E, S12E, S13E
This application No. 298613 will be
considered by the Water Rights
Commission at their office at Pierre
upon the 29th 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
No. 517 (rev.)

Publish first publication, on or before September 10, 1976

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

September 13, 1976

Notice is hereby given that Roy Lee Bultman

whose post office address is Wessington, 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

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

Bultman #3, the point of diversion of which is to be located in the

Center of the SW 1/4

of Section 12, Twp. 113N, Range 64W. Said water to be used for the purpose

of providing irrigation on the following described land:

Section 11, T113N, R64W

This application No. 2086-3 will be considered by the Water Rights Commission at their office at

Pierre upon the 29th 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: Roy Lee Bultman, Rt. 1, Wessington, S.D. 57381

**South Dakota Department of
Water & Natural Resources**
Jon Foss Building Water Rights, Water Management Division
Pierre, South Dakota 57501 (605) 773-3352

February 25, 1990

Roy Lee Pullman
RP 2, Box 114
Wessington SD 57381

Dear Mr. Pullman:

We are returning your WF-1 form. The form should be sent to the Water Resources Laboratory, SD State University, Brookings along with a water sample from the new well you are drilling in place of the one proposed.

Policies adopted by the State Conservation Commission require a water sample be submitted for soil/water compatibility if the proposed well is beyond a 250 foot radius of an existing well and if the existing well does not have a previous water-analysis.

Also please send this office the signed drillers log of the well. We are returning your check No. 9488 in the amount of \$150.00, as a new application will not be necessary. This can be collected at the time of the final inspection.

The Water Quality approval will be placed in your file when received from the State Conservation Commission.

If you have questions, contact our office.

Sincerely,

BETTY WESTLUND
Water Rights Specialist

BW:k

enclosure

cc: Lynn Seltedyle, State Conservation Commission

Equal Opportunity Employer

Le Roy 2986-3

Wm Dietman - Hand Co

Since he may receive
another appointment

Wm Dietman get it in
for January meeting -

Should you check the
list

Le Roy, Wm Dietman - 11-20-76

attach

2786-3

May 1st. Yellow

10-16-76

Well # 118 SW $\frac{1}{2}$ - 11 113-86

Well - 50 ft deep, 12-14" to 16"

Pumping 900 gpm to 1 hour

35 ft casing to 20 ft in 1 min

Well is pumping 900 gpm

System ready for 1st

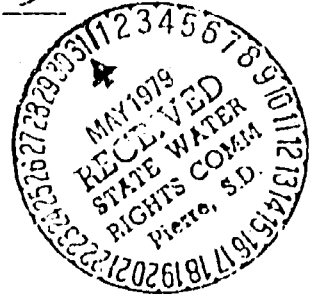
of sec. 11. All other wells for

Alum. Ester CP.

May apply for 1st 2 later.

Form 10.

No. 2-986-3



NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USE

Post Office WESSINGTON, S.D.

Date 5-27-1979

TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 1986-3.

Water Right Permit No. 1986-3 states that the diversion system is to be constructed by 9-90, 1981 and that the water is to be put to beneficial use by 9-30, 1983.

The diversion system was completed on 5-10, 1979.
Applying the water to beneficial use was completed on 5-10, 1979.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Raymond B. Sullivan
(Signature)

SOUTH DAKOTA
Department of
Water & Natural Resources

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

2486-3
4352-3

February 17, 1989

Roy Lee Bultman
RR 2, Box 114
Wessington, SD 57381

Dear Mr. Bultman:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;

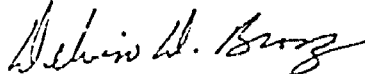


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,



for JOHN HATCH, Chief Engineer
Water Rights Division

**South Dakota Department of
Water & Natural Resources**

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

5240-3

SEP 14 1989

Roy Lee Bultman
RR #2 Box 114
Wessington, SD 57381

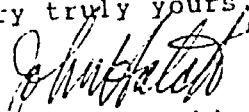
Dear Mr. Bultman:

Enclosed is Water License No. 5240-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 411470 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-027 requires that if the owner of an existing well, such as the well authorized by Water Right No. 5240-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Very truly yours,


JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

NOTE: The applicable portions of Water Permit Nos. 2986-3 and 4352-3 have been incorporated into this Water License No. 5240-3.