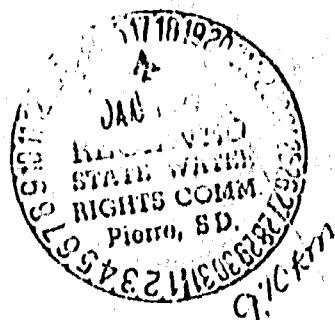


Water Right Number 3522-3

1. Considered 2.23, 19 77
2. Name of Applicant Lloyd England
3. Post Office Address Rocholt
4. Amount of Water claimed 1.62
5. Source of Water supply springs & runoff 66 AC FT STORAGE
6. Water to be used for irrigation
- Acres to be irrigated 114
7. Water to be diverted and used in Raberta County
- about 35, 1E miles of Rocholt
8. Proof of Publication Received 2.22-77
- Not Received _____
9. Application Approved _____
- Subject to _____
- Not Approved _____
- Action Deferred _____
10. Remarks:

No. 3522-3Map No. 2802-3 Water Division No. 3 WHETSTONE CREEK District
(Blanks to be Filled by the Engineer for the W. H. 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 Lloyd England
Postoffice address Rosholt, State South Dakota
(If a corporation show date and place of incorporation)
2. Method of accomplishing work (contract, employment of others, or by direct labor) Employment of others, and direct labor
3. Name of diversion work England Irrigation Dam
4. Amount of water claimed (cubic feet per second) 2.5 1.62
5. Source of water supply Runoff and Springs
6. Location of point of diversion SW 1/4, Sec 29, T127N, R48W
200 Feet West of the SE corner of the SE 1/4 of the SW 1/4 of
Sec. 29 County Roberts
7. Annual period or periods during which water is to be used May Through Oct. 6 months
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, 114 Total number of acres to be irrigated

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 the SW 1/4 of Sec 29	38	W 1/2 of the SE 1/4 of the	
SW 1/4 of the SW 1/4 of Sec 29	38	SW 1/4 Sec 29	16
W 1/2 of the NE 1/4 of the SW 1/4 of			
Sec 29	22		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system one years. Additional time required to complete application of water to the proposed beneficial use one years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication The Sisseton Courier
12. Principal Features of the Proposed Water Supply System.

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

The building of a dam

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

an Irrigation pump and 4000 Feet of 6 inch Surface pipeline

C. Works proposed to apply water to beneficial use.

Traveling gun systemEstimated Total Cost \$ 25,000.00Attachments: 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 RobertsI, Lloyd England, 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 Lloyd EnglandSubscribed and sworn to before me this 14 day of January 19 77Notary Public (or other qualified officer)
LaDonna Gross

My commission expires November 21, 1977

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3522-3

LLOYD ENGLUND
(Applicant)

ROSOLT
(Post Office Address)

SOUTH DAKOTA 57260
(State)

With the following modifications:

**LOW FLOWS AS NEEDED FOR DOWNSTREAM DOMESTIC USE
INCLUDING LIVESTOCK WATERING MUST BE BY-PASSED
APPROVAL OF THIS PERMIT AUTHORIZES STORAGE OF 66
ACRE FEET OF WATER ANNUALLY.**

Date of first receipt of application JANUARY 17, 19 77

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

Date of receipt of corrected application _____, 19 _____

Approved FEBRUARY 23, 19 77, Recorded in Book 17 Page 228

WATER RIGHT PERMIT NO. 3522-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3522-3 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 JANUARY 17, 19 77
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before AUGUST 23, 19 77
3. The whole of said work is to be completed on or before FEBRUARY 23, 19 78
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is FEBRUARY 23, 19 79
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 1.62 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 FEBRUARY 23, 19 79; said water to be used during the following described annual period: MAY THRU OCTOBER

Witness my hand this 14TH day of APRIL, 19 77

WATER RIGHTS COMMISSION

By:

John H. Halsey
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 _____

Water License Issued _____, 19 _____

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) _____

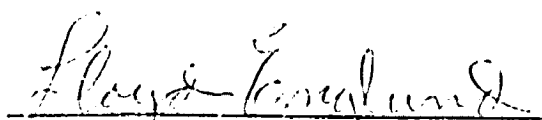
- (2) Distance to nearest existing household or livestock watering wells.

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.

Height of Dam 16'
MAX WATER DEPTH 13'
Surface Area 8.26 Acres
Storage cap of 66 Aft.


Signature of Applicant

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)

3522-3

NAME Lloyd England
ADDRESS Reshalt St. Dak 57-360
COUNTY Roberts

LEGAL DESCRIPTION

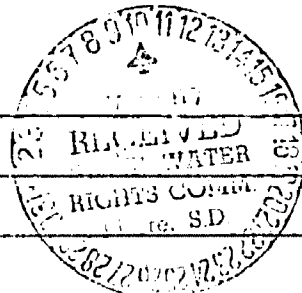
1. WELL LOCATION DNM SW 1/4 127 N 48 W
2. LOCATION OF AREA TO BE IRRIGATED W 114 N 1/4 SW 1/4 Sec 29

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT _____ GUN ✓
4. CROPS TO BE IRRIGATED Corn ALFALFA

WATER QUALITY

5. SAMPLE NUMBER 76-1855
6. SALINITY (EC X 10⁶) 1505 (high)
7. SODIUM (SAR) 0.19 (low)
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 Roberts 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.

Lloyd England
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
16th DAY OF November 19 76.

Milton O. Tolson Notary Public
(TITLE OR SEAL)

Alfred J. Hoff
APPROVED/DISAPPROVED

My Commission expires April 12, 1981.
(SOILS INFORMATION ON REVERSE SIDE)

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 Lloyd England
ADDRESS Box 17 Se DAK 57260
COUNTY Roberts

LEGAL DESCRIPTION SE corner of the SE 401. of T22

1. ^{DAILY} WELL LOCATION SW 1/4 Sec 29 T127N R48W
2. LOCATION OF AREA TO BE IRRIGATED W 1/4 of SW 1/4 of Sec 29 T127N R48W

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT _____ GUN ☒
4. CROPS TO BE IRRIGATED Corn Alfalfa

WATER QUALITY

5. SAMPLE NUMBER 76-1885
6. SALINITY (EC x 10⁶) 1505 (high)
7. SODIUM (SAR) 0.19 (low)
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 Roberts 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.

Lloyd England
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
17 DAY OF December 19 76.

W. Howard O. Friend, Notary Public
(TITLE OR SEAL)

APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

My Commission Expires 12-12-1981

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

Submitted by: Lloyd Englund
 Address: Ischolt, SD 57260

Date Rec'd November 18, 1976
 Sample No. 76-1838
 Identification K11
SW1, Sec. 29, T 127N, R 48W

WATER ANALYSIS

Calcium (Ca)	347	ppm*	17.35	me/l**
Magnesium (Mg)	121	ppm	9.92	me/l
Sodium (Na)	16	ppm	0.70	me/l
Potassium (K)	3	ppm	0.08	me/l
Sulfate (SO ₄)	880	ppm	18.30	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	1	ppm	0.03	me/l
Bicarbonate (HCO ₃)	544	ppm	8.92	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	446	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1505	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.19			
Sodium	2.49	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.84			
Others:				

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

COMMENTS: Total cations 28.05 me/l
 Total anions 27.25 me/l

By: Shirley Kitten

Service Performed	Amount Due
Irrigation analysis	\$8.00

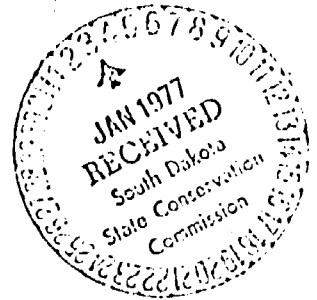
Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-1838

Amount Enclosed \$

Signed



December 30, 1976

Mr. Lloyd Englund
Rosholt, SD 57260

Dear Mr. Englund:

Your water sample (Lab. No. 76-1888) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

This water is marginal for use on the soils you intend to irrigate and should be considered for use only under the following conditions:

(1) It will be used no more than 3 times (preferably less) in any growing season.

(2) The soil will be completely filled with water so natural leaching can occur, by irrigating in the late fall just before freeze-up, at least one year out of 3.

(3) Water applications will be made each irrigation to completely re-wet the entire depleted soil within the rooting zone of the crop being grown. This may require 3-5 inches of water each irrigation with fine soils.

(4) If a salt problem or soil dispersion occurs, contact extension personnel or this office for management recommendations.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Roberts) ss.

I, Jack Adams hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Sisseton Courier

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 Sisseton

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

Feb. 10, 1977

Feb. 17, 1977

(Signature)

editor

(Title)

Feb. 18, 1977

(Date Signed)

NOTICE OF INTENT TO
APPROPRIATE WATER

Notice is hereby given that
Lloyd Englund, whose post
office address is Rosholt, South
Dakota, has made an ap-
plication in accordance with the
provisions of the water laws of
South Dakota for a permit to
appropriate for beneficial use
1.62 cubic feet of water per
second of time from the runoff
and springs through the
Englund Irrigation Dam, the
point of diversion of which is to
be located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of
Section 29, Township 127N,
Range 48W. Said water to be
used for the purpose of
providing irrigation on portions
of the following described land:
SW $\frac{1}{4}$, Section 29-T127N-R48W
This application No. 3522-3
will be considered by the Water
Rights Commission at their
office at Pierre upon the 23rd
day of February, 77, at 10:00
a.m. All interested persons may
appear and be heard.

Water Rights Commission
Burton F. Jones
Water Rights Specialist
(Feb. 10-17-2w)



No. 3522-3Publish first publication, on or before February 10, 1977NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

February 7, 1977Notice is hereby given that Lloyd Englandwhose post office address is Rosholt, 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 use1.62 cubic feet of water per second of time from the runoff and springs through the England Irrigation Dam, the point of diversion of which is to be located in the _____SE 1/4 SW 1/4of Section 29, Twp. 127N, Range 48W. Said water to be used for the purpose of providing irrigation on the following described land:SW 1/4, Section 29-T127N-48WThis application No. 3522-3 will be considered by the Water Rights Commission at their office at Pierre upon the 23 day of February, 1977, at 10:00 A. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BEJ/bw

cc: Lloyd England, Rosholt, South Dakota 57260

**Department of
Water & Natural Resources**

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

January 29, 1988

LLOYD ENGLUND
RR 2 BOX 97
ROSHOLT, SD 57260

NOTICE

Re: Violation of Requirement To Submit 1987 Irrigation
Questionnaire

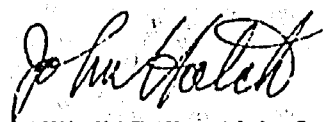
Our records indicate that the 1987 Irrigation Questionnaire has not been submitted for Permit No(s). 3522-3. The request for the Questionnaire was dated October 8, 1987. The Water Management Board has directed that owners of water permits who have not submitted 1987 Irrigation Questionnaires be given notice of hearing(s) to be held by the Board to determine if any action is to be taken concerning the violation.

The hearings will be held at 9:00 am, March 2, 1988 in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing(s), the Water Management Board can:

1. Amend Permit No(s). 3522-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action;
3. Take no action.

The hearing(s) is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.


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

NOTE: If the questionnaire(s) is received in this office before the March 2 hearing date, your name will be deleted from the agenda for the hearing.



3522-3

Jan 30, 1988

John, Hatch

In regard to 1987 Irrigation Questionnaire not being submitted for Permit No 3522-3 I did not receive one. I'm sure one was mailed, we have 3 - R. Englands on the same rural route, and we have lots of mixed up mail & many problems of the same type, therefore I do not have an official questionnaire. But in answer to it I had No Irrigation Activity in the 1987 crop year. I hope this will take care of the situation, If it does not please notify me within the next 10 days or I will assume things on this matter are taken care of.

Thank you
Lloyd N. Englund
RR2 Box 97
Hoschall, S.D. 57260



Department of Water & Natural Resources

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

February 5, 1988

3522-3

Lloyd N Englund
RR 2, Box 97
Rosholt SD 57260

Dear Mr. Englund:

I am writing to acknowledge receipt of your 1987 Irrigation Questionnaire(s). A notice was sent to you January 29, 1988 regarding the the requirement to submit the Irrigation Questionnaire(s) for Water Permit No. 3522-3 and the hearing date before the Water Management Board.

Since your questionnaire was received prior to the March 2, 1988 Water Management Board Meeting, your name has been deleted from the Board Meeting agenda. If you have any questions, please contact us.

Very truly yours,

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

3522-3
LLOYD ENGLUND

WDSHOLT
SD 57260

RD/RR

S

This is the Water Management Board data
sheet for recording 1980 SURFACE WATER
source irrigation estimates.

November 1980

For Dept. use only

2

Please fill out and return at once.
No. Acres irrigated with Surface Water 55
If you did not irrigate during 1980-check this box ☐ No system ☐

Type of Power	No. acres irrigated	Total Energy used-1980
1. Electric		kwh
2. Gravity		
3. Gasoline		gal
4. Nat. Gas pipeline		cf
5. Diesel		gal
6. Propane	<u>55</u>	<u>1300</u> gal
7. Other		
Type of System		
1. Hand Moved Sprinklers		
2. Portable booms		
3. Center pivots (# of)	<u>1</u>	
4. Gated pipes		
5. Sidewheel		
6. Towlines		
7. Gun type		
8. Hydromatic		
9. Siphons		
10. Flood		
11. Other		

Month	# days pumped	Average # hours per day	Average pump rate (gpm)	Acres of Crop Irrigated and Estimated Water Use			
				Crop	Acres	Water Used	Water Used
April							
May							
June	<u>4</u>	<u>18.66</u>	<u>500</u>	<u>BN3</u>	<u>55</u>	<u>4.87</u>	<u>11.87</u>
July	<u>7.5</u>	<u>19.91</u>	<u>500</u>	<u>BN5</u>	<u>55</u>	<u>19.95</u>	<u>11.87</u>
August							
Sept.							
Oct.							
Other Month							

Season Static Water Level: beginning _____ end _____

Comments:

Complete and return to:

WATER MANAGEMENT BOARD
Water Rights Division
Joe Foss Building
Pierre SD 57501



Owner or address change, if any:
Please complete front and back.

The South Dakota Office of Energy has requested your cooperation in completing the following:

1979

Type of Power	No. Acres Irrigated	Total Energy Used
1. Electric	_____	_____ kwh
2. Gravity	_____	_____
3. Gasoline	_____	_____ gal
4. Nat. Gas pipeline	_____	_____ cf
5. Diesel	_____	_____ gal
6. Propane	<u>55</u>	<u>1500</u> gal
7. Other	_____	_____

1978

Type of Power	^{75 activity} No. Acres Irrigated	Total Energy Used
1. Electric	_____	_____ kwh
2. Gravity	_____	_____
3. Gasoline	_____	_____ gal
4. Nat. Gas pipeline	_____	_____ cf
5. Diesel	_____	_____ gal
6. Propane	_____	_____ gal
7. Other	_____	_____ gal

- What is your on-farm storage capacity for gasoline 500 gallons
diesel 500 gallons
- What are your present plans for acres under irrigation for 1981?
 _____ an increase in acres
☒ Irrigate same acres
 _____ a decrease in acres
- A. Has your regular fuel supplier been able to meet your fuel needs for irrigation this past year?
☒ yes
 _____ no
 B. If no, were you able to buy from other sources?
 _____ yes
 _____ no
- Would you continue irrigating the same number of acres in 1981 if the price of fuel increased- no
 10% yes _____ no _____
 15% yes _____ no _____
 20% yes _____ no _____
 over 20% yes _____ no _____
- At what price for fuel would you cut back on irrigation activities? _____
- What is your best estimate of your fuel needs for irrigation in 1981, if we experience a
 Dry summer: 1000 gallons.
 Wet summer: _____ gallons.

3572-3

138.5

145.9

22.4A

John Olson

Bruce Lyster

SW 1/4 29 T-127N, R-48W

114.0

114 Acres
To be Irrigated.

Cesar Langlund

186.6

40.1
49.8

Linda Kochler

Lea Von Kochler

1.7

Water Surface Area Storage Reservoir
1200' long, 300' wide.

MAXIMUM WATER depth 12'
Average WATER depth 8'
Storage capacity 66 Aft

DRAIN SITE

127-48

PIPELINE

DRAIN SITE

17.9

Prepared By: 22.4A
Hauptshure District Council
S.E. Sisson, S.E.
1-14-77

3.8

Luther

7.4

28023
402787
APP NO 35223