

1. Considered 3/25 19 81
2. Name of Applicant LYLA TRASK
3. Post Office Address WASTA, S.D. 57791
4. Amount of Water Claimed 4.75 (3.31 ADD'L ON PERMIT 1026-1)
5. Source of Water Supply CHEYENNE RIVER & DRY DRAW
6. Water to be used for I.R.R.
7. Acres to be irrigated 333 (232 ADD'L) ^{maximum} acre feet
8. Water to be diverted and used in PENNINGTON County
about 3 1/2 N 2 miles EAST of WASTA
9. PROOF OF PUBLICATION Received 4-2-81

Not Received _____

APPLICATION

Approved _____

Subject to _____

Not Approved _____

Action deferred _____

Priority _____

Date

Received _____

Application Complete yes _____ no _____

FEE _____

Remarks add 1.31 acre feet on 1026-1Date information and/or
fee or corrected Application receivedPeriod of Annual Use April 1st - SeptemberWATER
QUALITYReceived yes 3/6/81 no _____

APPROVED/CONDITIONAL (Circle one)

Wi-1 Description same as application yes 1 no _____

Remarks _____

Disapproved _____

Returned _____

Diversion Point from a dry draw in
N 1/2 E 1/4 Section 12 and points
on the Cheyenne River between N 1/4 NE 1/4
Section 11 & SE 1/4 NE 1/4 Section 14 all in
T2N - R14E.
lands to be irrigated E 1/2 Section 11;
N 1/2 and SW 1/4 Sec. 12 and
NW 1/4 Section 13 - T2N - R14E.

WELL
LOGRemarks Diversion from dry draw at head of water just above Coater
to the diversion

Driller _____

Licensed yes _____ no _____

Depth _____

Water Right No. _____

MAP Map No. 1508-2 Map located In Water Right ✓ Map file _____
Type of Map Clerical Prepared by Merranugh

+++++

REVIEWED This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on 3/25/81
Deely Woodland
(Signed)

+++++

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date _____
F.F. & C Final Decision, including F.F. & C of Law were adopted _____
OF LAW, Date _____
FINAL Final Decision mailed to parties and/or parties notified that Final Decision
DECISIONS was adopted _____
ETC. Remarks _____

No. 1553-2Map No. 1508-2 Water Division No. 2 UPPER CHEYENNE District
Above for Office Use**APPLICATION FOR PERMIT
To Appropriate Water within the State of South Dakota**

Check one of the following

New _____ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion XXChange in Acreage _____ Additional Acreage XX on #102b-11. Name of Applicant Lyla Trask Phone No. _____
Post Office Address _____ Wasta _____ State SD 57791
(Street, RR, or Box) (Town) (Zip Code)
If a corporation show date and place of incorporation _____2. Method of accomplishing work (contract, employment of others, or by direct labor) direct labor & employment of others3. Name of diversion work Lyla Trask Irrigation Project4. Amount of water claimed (cubic feet per second) 4.75 (3.3! additional)5. Source of water supply Cheyenne River and dry draws6. Location of point of diversion right bank of Cheyenne River between point A - 150'W of W $\frac{1}{4}$ corner Sec. 13, and Point B - 950'W of NE corner of Sec. 12, Point C - 100'S and 650'W of E $\frac{1}{4}$ corner Sec. 12. all in T2N, R14E County Pennington7. Annual period or periods during which water is to be used April thru September8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation etc.) Irrigation9. For irrigation use, Total number of acres to be irrigated 333 (232 additional)

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.
NE $\frac{1}{4}$ Section 11, T2N, R14E	16
SE $\frac{1}{4}$ " " " "	35
NW $\frac{1}{4}$ Section 12, " " "	41
NE $\frac{1}{4}$ " " " "	12

Land Description	No. Acres Irr.
SW $\frac{1}{4}$ Section 12, T2N, R14E	55
NW $\frac{1}{4}$ Section 13, " " "	74

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 4 years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Pennington Co. Current

12. Principal Features of the Proposed Water Supply System

A. Works proposed to divert water from its natural source

pump and motor
diversion dam

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

pipelines and ditches

C. Works proposed to apply water to beneficial use.

sprinklers and flooding

NOTE: The applicable portions of Water Permit No. 1026-1 will be incorporated into this Water Permit.--The diversion dam does not hold water as it is full of silt, it just diverts water to a dyke system.

Estimated Total Cost \$ _____

Attachments: 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 Pennington) ss.I, Lyla Trask 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 Lyla TraskSubscribed and sworn to before me this 8 day of August, 1981

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 1752-2

LYLA TRASK

(Applicant)

Box 8, WASTA

(Post Office Address)

SOUTH DAKOTA

(State)

57791

With the following qualifications

Diversion of water under this Permit is contingent upon water supplies being first available to prior water rights downstream on the Cheyenne River. Flow records shows that there are occasional years when the flows of the Cheyenne River are definitely and recognizably lower than usual during the months of July, August and September. Diversions of water are not to be made under this Permit during such low flow periods.

THE APPLICABLE PORTIONS OF PERMIT NO 1026-1 HAVE BEEN INCORPORATED INTO THIS PERMIT, ~~OTHERWISE~~

This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

Date of first receipt of application JANUARY 12, 1981

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

Date of receipt of corrected application MARCH 6, 1981

Approved MARCH 25, 1981, Recorded in Book 22 Page 56

WATER RIGHT PERMIT NO. 1752-2

The Water Management Board hereby grants and issues this Water Right Permit No. 1752-2 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject however to the following limitations and conditions:

1. The date from which applicant may claim right is 1.44 CFS FROM JUNE 27, 1971
2.31 CFS FROM JANUARY 12, 1981
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 25, 1983
3. The whole of said work is to be completed on or before MARCH 25, 1986
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 25, 1990
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 4.75 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 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-seventeenth (1/17) 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 MARCH 25, 1990, said water to be used during the following described annual period: APRIL THRU SEPTEMBER

Witness my hand this 17TH day of APRIL, 1981

THE WATER MANAGEMENT BOARD

By:

John H. Helt
Chief Engineer, Water Rights

Certificate of Construction Issued , 19

Water License Issued , 19

No. 1752-2

Publish first publication, on or before March 12, 1981

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

March 6, 1981

Notice is hereby given Lyla Trask whose post office address is Wasta, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 4.75(3.31 add) cubic feet of water per second of time from the Cheyenne River & dry draws through the Trask Irrigation Project, the point(s) of diversion of which ~~is~~ (are) to be located

~~between points on the Cheyenne River in the SE 1/4 NE 1/4,~~
Section 14 and NW 1/4, Section 11, all

~~of Section 11, NW 1/4, Range 14E.~~ Said water to be used for the purpose of providing irrigation on portions of the following described land:

E 1/2 Section 11; W 1/2 an. NW 1/4, Section 12 and NW 1/4, Section 13 all in T2N, R14E

This Application No. 1752-2 will be considered by the Water Management Board at Holiday Inn, Sandy Shore Room, Watertown SD upon the 25th day of March, 1981 at 1:00 P.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWR, Joe Foss Building, Pierre SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

cc: Lyla Trask
Box 8
Wasta SD 57791

BETTY WESTLUND
Water Rights Specialist

WNR-806B-7/79 Notice of Intent to Appropriate Water
SURFACE WATER

PUBLISHER'S AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)
COUNTY OF PENNINGTON) ss

No. 1752-2

....., Leg. Royall et al., of said County and State, being
duly sworn, on oath says: THE PENNINGTON COUNTY COURANT is a weekly newspaper
of general circulation, printed and published in WALL, in said County and State and has
been such newspaper during the times hereinafter mentioned; that the said PENNINGTON
COUNTY COURANT is a legal newspaper and has been in existence for more than one year;
immediately preceding the first publication herein mentioned; and has more than 200 bona
fide subscribers; that I, the undersigned, am Publisher..... of said
newspaper, and in charge of the advertising department thereof, and have personal knowl-
edge of all facts stated in this affidavit; and that the advertisement headed "Notice of...
.....Hearing on Application to Appropriate Water..." a printed copy of
which is hereto attached, was printed, and published in said newspaper fortwo.....
successive issues, the first publication being on the12th..... day ofMarch.....
19.....81..... and the last publication on the19th..... day ofMarch.....
19.....81.....; that \$.....19.21..... being the full amount of the fee for publication of
the annexed notice insures solely to the benefit of the publishers 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 other person whomsoever.

[Signature]

Subscribed and sworn to before me this 19th day of March, 1981
19.....81.....

[Signature]
Notary Public, Pennington County

No. 1752-2
NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER

Pierre, South Dakota
March 6, 1981
Notice is hereby given Lyla Trask
whose post office address is Wasta,
South Dakota, has made an applica-
tion in accordance with the provisions
of SDCL 46-1-1 thru 46-1-9, 46-1-14,
46-2-9 thru 46-2-11, 46-2-13, 46-5-1
thru 46-5-8, 46-5-10 thru 46-5-22,
46-5-41, and Board Rules 52-01
01:01:01 thru 52:01:01:13, for a
permit to appropriate for beneficial
use 4.75 (3.3) add'l cubic feet of
water per second of time from the
Cheyenne River & dry draws through
the Trask Irrigation Project, the points
of diversion of which are to be located
between points on the Cheyenne
River in the SE 1/4 NE 1/4 Section 14
and NW 1/4 NE 1/4 Section 11 all in
Twp. 2N, Range 1E, said water to be
used for the purpose of providing irri-
gation on portions of the following
described lands: Section 11, W 1/2
and NE 1/4 Section 12, and NW 1/4
Section 13 all in T2N, R1E, S20E.

This Application No. 1752-2 will be
considered by the Water Manage-
ment Board at Holiday Inn, Sandy
Shore/Com Watertown, SD upon the
25th day of March 1981 at 1:00 P.M.
The Board is authorized to make a de-
termination on this application at the
hearing. All interested persons may
appear and be heard. Any person who
may be affected by a Board decision
who desires to present evidence or
cross-examine witnesses according to
SDCL 1-26 may notify the Board in
writing prior to the hearing or orally at
the hearing.

This hearing is an adversary pro-
ceeding. Any person 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 at the hearing. Decisions of
the Board may be appealed to the
Courts as provided by law.

Any handicapped person wishing to
attend this hearing can contact the
Water Rights Division, NR, Joe
Foss Building, Pierre, SD, or to the
hearing date for assistance to assure
access to the hearing.

WATER MANAGEMENT BOARD

BETTY WESTLUND

Water Rights Specialist

Pub.: March 12 & 19



RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7902

PIERRE,

January 12, 1981

RECEIVED OF Lyla Trask, Wasta, SD 57791

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

Fee for Application for Permit to appropriate Water No. <u>1752-2</u> (examination, processing, recording and filing)	275	00
Fee for inspecting Construction, and issuing Cert. of Construction No.		
Fee for inspecting Beneficial Use, and issuing Water License No.		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for		
any other work as provided by law)		
TOTAL	275	00

WATER RIGHTS COMMISSION

By

Chief Engineer, Executive Officer

JOHN HATCH / SD

1026-1

4-29-80 " *Pyralis*
Bulby most 1.6518 mcm
for 7165842
Larva from 1st of 1800 ppm

Small maps. In a map of
Colorado. The 1st. some with
springing out of the ground to the
left of page.

Called to Lyla & Casey and told them
I had a lot of maps to print to
see the.

1-5-81 Lyla Traish called
today and said she planned
on dropping the printed
applications off in way
there. But she
was changed and would
send them today.

She was wondering about
a date that was due on
it and if it would be
some effect on the application.

W. H. H. H.

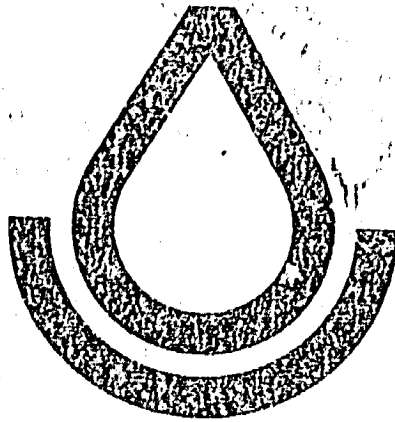
CONSTRUCTION SPECIFICATIONS

for

LYLA TRASK

WATERSREADING

PROJECT



Prepared by:

USDA, SOIL CONSERVATION SERVICE

RAPID CITY, S. D.

Assisting:

PENNINGTON Conservation District

CONSTRUCTION SPECIFICATION

SD-13 STEEL REINFORCEMENT

13.1 SCOPE

The work shall consist of furnishing and placing steel reinforcement for reinforced concrete.

13.2 MATERIALS

All reinforcement shall be free from all flaky rust, oil, grease, paint, mill scale, or other foreign substance.

Steel bar reinforcement shall be deformed billet steel conforming to either ASTM specification A 15, Intermediate Grade or A 615 Grade 40.

Welded Steel wire fabric reinforcement shall conform to the requirements of ASTM Specification A 185.

13.3 CUTTING AND BENDING

Reinforcing bars may be mill or field cut or bent. All bends shall be made without heating and in accordance with standard practices. (See American Concrete Institute Standard 315). Bars with kinks, cracks, or improper bends will be rejected.

13.4 SPLICING BAR REINFORCEMENT

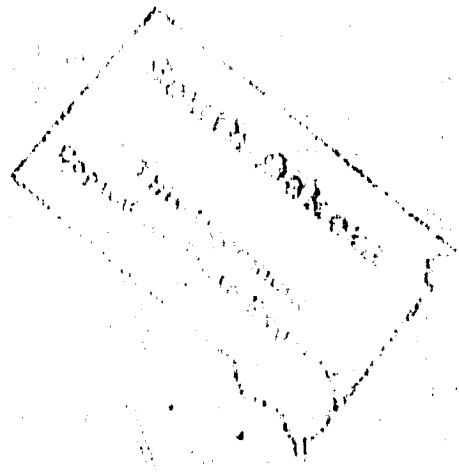
Unless otherwise specified on the drawings, splices of reinforcing bars shall provide an overlap equal to at least 20 times the diameter of the smaller bar in the splice but not less than 12 inches.

Welded wire fabric shall be overlapped one full mesh (not counting cut portions) and tied as necessary to keep the fabric in place during pouring.

13.5 PLACING

All reinforcement shall be placed as shown on the drawings, and shall be supported and tied in a manner assuring that it will not be moved during concrete placement. Tack welding of bars will not be allowed. Dimensions shown on the plans, indicating concrete cover, are the clear distance from the concrete surface to the reinforcing steel.

Reinforcement hangers and supports shall be of a type and used in such a manner that they will not be exposed or contribute to discoloration and deterioration of the concrete. On structures exceeding one cu. yd. in volume, concrete shall not be placed until the reinforcement has been inspected and approved by the technician.



CONSTRUCTION SPECIFICATION

SD-15 CORRUGATED METAL PIPE CONDUITS

15.1 SCOPE

The work shall consist of furnishing and placing circular, arched, or elliptical corrugated metal pipe and the necessary fittings as shown on the plans.

15.2 MATERIALS

Pipe and fittings shall conform to the requirements of Material Specification 50 or Material Specification 51, whichever is specified. When specified, caulked seam corrugated metal pipe shall conform to the following additional requirements:

- (1) Caulked seam corrugated metal pipe shall have all circumferential and horizontal seams caulked with an asphalt compound before riveting. This shall be accomplished by applying a uniform bead (1/8 inch minimum diameter) of the asphalt compound to the inner lap surface before riveting such that when the rivets are in place all voids are filled and a coating of asphalt is between the lap surfaces.
- (2) The asphalt compound shall consist of an asphalt base combined with asbestos fiber and other inert filler material to form a heavy-bodied compound that will not sag or run out of the seam. The compound should contain 60 to 68 percent solids by weight. It shall be similar in type and equal in quality to Trumbull 5X Asphalt Mastic, knife grade, as manufactured by the Trumbull Asphalt Company of Delaware.

15.3 HANDLING THE PIPE

The Contractor shall furnish such equipment as is necessary to place the pipe without damaging the pipe or coatings. The pipe shall be transported and handled in such a manner as to prevent bruising, scaling, or breaking of the zinc, bituminous or plastic coating.

Whenever the coating on zinc coated pipe is damaged in any individual area larger than 12 square inches, or if more than 0.2 percent of the total surface area of the pipe is damaged, the section will be rejected.

Whenever the coating on bituminous or plastic coated pipe is damaged in any individual area that exceeds 36 square inches or when the total area of breaks exceeds 0.5 percent of the total surface area of the pipe, the section will be rejected.

15.4 REPAIR OF DAMAGED COATINGS

Breaks, scuffs or other damage to the various coatings shall be repaired as follows:

- (1) Zinc Coating - by thoroughly wire brushing and cleaning the damaged area with solvent. Then painting two coats of zinc dust-zinc oxide primer conforming to Federal Specification TT-P-641, Type III or zinc dust paint conforming to Military Specification MIL-P-21035.
- (2) Bituminous Coating - by the application of two coats of hot asphaltic paint or a coating of cold-applied bituminous mastic. The repair coating shall be at least 0.05 inches thick after hardening and shall bond securely and permanently to the pipe. The material shall meet the physical requirements of the original coating.
- (3) Plastic or Vinyl Coating - by using a plastic coating similar and equal to Dac and 1/ DC 8702 elastomeric culvert coating, to achieve a thickness equal to the original coating.

15.5 LAYING AND BEDDING THE PIPE

Unless otherwise specified, the pipe shall be installed in accordance with the manufacturer's recommendations. The pipe shall be laid with the outside laps of circumferential joints pointing upstream and with longitudinal laps at the sides at about the vertical midheight of the pipe. Field welding or corrugated galvanized iron or steel pipe will not be permitted. Unless otherwise specified, the pipe sections shall be joined with water-tight coupling bands, with a minimum width of 12 inches, or flanges for a flange-type connection. The area between pipe and coupling band shall be coated with either an asphalt cement to insure a water-tight joint or a rubber neoprene gasket 3/8 inch thick and as wide as the connecting band ± 1 inch.

The trench or foundation width in or on which the pipe will be laid should be at least: (a) 2 times the pipe diameter, or (b) the pipe diameter plus 2 feet, whichever is the greater.

Pipe should be laid on a moist, compacted foundation (not wet nor hard and dry). Just before the pipe is laid, spread a 2 to 3 inch layer of moist loose soil for the pipe to be placed on. The pipe should make uniform contact with the soil along its entire length.

Perforated pipe shall be laid with perforations down and oriented symmetrically about a vertical centerline. Perforations shall be clear on any obstructions at the time the pipe is laid.

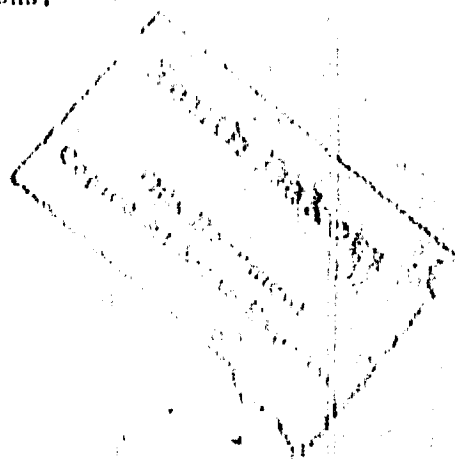
1/ Daubert Chemical Company, 1200 Jorie Blvd., Oak Brook, Ill. 60521

SCS-So. Dak.

15.6 BACK FILLING

The pipe shall be loaded sufficiently during backfilling around the side to prevent its being lifted from the bedding.

Backfill around the pipe shall be placed in layers not more than 4 inches thick before compaction. Each layer of backfill shall be compacted with power tampers or hand tamping to the same density requirements as specified for the adjacent embankment. Backfill over and around the pipe shall be brought up uniformly on all sides and shall extend a minimum of 2 feet over the pipe before earth embankment with earth moving equipment over the pipe is started. Special care shall be taken not to disturb the grade and alignment during backfill operations.



CONSTRUCTION SPECIFICATION

SD-20 PIPELINE-PLASTIC (IRRIGATION)

20.1 SCOPE

This work shall consist of furnishing and installing Poly-vinyl Chloride (PVC), Polyethylene (PE) or Acrylonitrile-Butadiene-Styrene (ABS) plastic pipe, complete with fittings and appurtenances, as shown on the drawings.

20.2 MATERIALS

Plastic pipe and fittings shall conform to Material Specification SD-55.

20.3 JOINTS AND CONNECTIONS

All joints and connections shall be made to withstand the maximum design working pressure for the pipeline without leakage and shall leave the inside of the line free of any obstruction that may tend to reduce its capacity below design requirements.

All fittings, shall be installed in accordance with the recommendations of the pipe manufacturer.

Fittings and appurtenances made of steel or other metals subject to corrosion shall be adequately protected by wrapping with plastic tape or coating with high quality corrosion preventative qualities, such as Scotchrap Corrosion Tape #40 or #43 or equivalent. Where plastic tape is used for corrosion protection, all surfaces to be wrapped shall be thoroughly cleaned and then coated with a primer compatible with the tape prior to wrapping.

20.4 TRENCH CONSTRUCTION

Trench width at any point below top of pipe should be only wide enough to permit the pipe to be easily placed and joined and to allow the initial backfill material to be uniformly placed under the haunches and along the sides of the pipe. The maximum trench width shall be 30 inches.

Where the trench is precision excavated with a semi-circular bottom that closely fits the pipe, the width shall not exceed the outside diameter of the pipe by more than 10 percent.

Where rocks, boulders, or any other material which might damage the pipe are encountered, the trench bottom shall be undercut a minimum of four inches below final grade and filled with bedding material consisting of sands or compacted fine-grained soils.

Provisions shall be made to insure safe working conditions where unstable soil, trench depth, or other conditions are such as to impose safety hazard to personnel working in the trench.

20.5 THRUST BLOCKS

Thrust blocks must be formed against solid unexcavated earth, undamaged by mechanical equipment. They shall be constructed of concrete and the space between the pipe and trench wall filled to the height of outside diameter of pipe and to the dimensions shown on the plans.

20.6 PLACEMENT

Pipe shall be placed in the trench and allowed to come to within a few degrees of the temperature that it will have after complete covering prior to any backfill beyond shading and prior to connecting to other facilities. Care shall be taken to prevent permanent distortion and pipe damage when handling during unusually warm or cold weather. The pipe shall be uniformly and continuously supported over its entire length on firm stable material. Blocking or mounding shall not be used to bring the pipe to final grade.

For pipe with bell joints, bell holes shall be excavated in the bedding material as needed to allow for unobstructed assembly of the joint and to permit the body of the pipe to be in contact with the bedding material throughout its length.

20.7 TESTING

The pipeline shall be thoroughly and completely tested at the design pressure for pressure, strength, leakage, and proper functioning while uncovered or only partially backfilled (Alternate #1) or completely backfilled (Alternate #2).

Alternate #1 - Tests for pressure strength and leaks may be accomplished by inspecting the pipeline and appurtenances while the maximum working pressure is maintained and all joints and connections are uncovered. Partial backfills needed to hold pipe in place during testing shall be placed as specified under Initial Backfill except for the design working pressure requirements. The line shall be filled with water, slowly. Adequate provision shall be made for air release while filling, taking care to bleed all entrapped air in the process. The pressure shall be slowly built up to the maximum design working pressure of hydrants, joints, appurtenances and the covered portions of the line shall be examined for leaks. Any leaks shall be repaired and the system retested.

Alternate 2 - Tests for pressure strength and leakage shall be accomplished after partial or complete backfilling. The line shall slowly be filled with water and pressure tested at the working pressure for 2 hours. The allowable leakage shall not be greater than one gallon per diameter inch per mile. Should the test exceed this rate, the defect shall be repaired until re-tests show the leakage is within the allowable limits, except that all visible leaks shall be repaired. It shall be demonstrated by testing that the pipeline will function properly at design capacity. At or below design capacity there shall be no objectionable flow conditions. Objectionable flow conditions shall include water hammer, continuing unsteady delivery of water, damage to the pipeline, or detrimental discharge from control valves.

20.8 BACKFILLING

A. High Pressure Pipelines - (Over 50 psi)

Initial Backfill -

Either the hand, mechanical, or water packing methods are optional. The initial backfill material shall be selected soil or sand free from rocks or stones larger than one inch in diameter. At the time of placement, the moisture content of the material shall be such that the required degree of compaction can be obtained with the backfill method to be used. The initial backfill material shall be so placed that the pipe will not be displaced, excessively deformed, or damaged.

When hand or mechanically backfilling, the initial fill shall be compacted firmly around and above the pipe as required to provide adequate lateral support to the pipe.

When water packing is used, the pipeline first shall be filled with water. The initial backfill, before wetting, shall be of sufficient depth to insure complete coverage of the pipe after consolidation has taken place. Water packing is accomplished by adding water to diked reaches of the trench in such quantity as to thoroughly saturate the initial backfill without excessive pooling of water. After saturation, the pipeline shall remain full until after final backfill is made. The wetted fill shall be allowed to dry until firm before final backfill is begun.

Final Backfill -

Final backfill material shall be free of large rocks, frozen clods and other debris greater than three inches in diameter.

The material shall be placed and spread in approximately uniform layers in such a manner that there will be no unfilled spaces in the backfill and the backfill will be level with the natural ground or at the design grade required to provide the minimum depth of cover after settlement has taken place. Rolling equipment shall not be used to consolidate the final backfill until the specified minimum depth of cover has been placed.

All special backfilling requirements of the pipe manufacturer shall be met.

B. Low Pressure Pipelines

Initial Backfill -

The pipeline shall be filled with water and maintained near design working pressure during backfill operations.

The initial backfill material shall be selected soil and sand free from rocks or stones larger than one inch in diameter and earth clods greater than approximately two inches in diameter. The material shall be so placed that the pipe will not be displaced, excessively deformed, or damaged.

Water packing shall be used whenever possible to consolidate the initial backfill around the pipe. The initial backfill, before wetting, shall be of sufficient depth to insure complete coverage of the pipe after consolidation has taken place. Water packing is accomplished by adding water to diked reaches of the trench in such quantity as to thoroughly saturate the initial backfill without excessive pooling of water. After saturation of the initial fill, the pipeline shall remain full until after final backfill is made. The water packed backfill shall be allowed to dry until firm enough to walk on before final backfill is begun.

Where conditions will not permit water packing, the initial backfill shall be placed in layers and compacted around and about 6 inches above the pipe by hand or mechanical methods to a soil density required to provide adequate lateral support to the pipe. An exception to water packing or completely compacting the initial backfill as described above is permitted where the trench is precision excavated with a semi-circular bottom that closely fits the pipe and the width does not exceed the outside diameter of the pipe by more than 10 percent. With this type trench construction all other initial and final backfill requirements shall apply including having the pipe under water pressure during backfilling.

Final Backfill -

Final backfill material shall be free of large rocks, frozen clods and other debris greater than 3 inches in diameter. The material shall be placed and spread in approximately uniform layers in such a manner that there will be no unfilled spaces in the backfill and the backfill will be level with the natural ground or at the design grade required to provide the minimum depth of cover after settlement has taken place. Rolling equipment shall not be used to consolidate the final backfill.

All special backfilling recommendations of the pipe manufacturer shall be met.

20.9 CERTIFICATION AND GUARANTEE

The installing contractor shall certify that his installation complies with the requirements of this specification. He shall furnish a written guarantee which protects the owner against defective workmanship and materials over a period of not less than one year and identifies the manufacturer and markings of the pipe used.

CONSTRUCTION SPECIFICATION

SD-4 STRIPPING

4.1 SCOPE

The work shall consist of removing topsoil and other undesirable materials from borrow areas and foundations of structures and earth fills.

4.2 GENERAL

The excavation shall extend to a depth sufficient to expose subsoil reasonably free of roots and other perishable material. Excavated earth material deemed satisfactory by the technician shall be used for earth fill. All waste material shall be disposed of nearby as shown on the drawings or as directed by the technician.

4.3 STRIPPING FOUNDATIONS

Stripping excavation shall extend to consolidated subsoil and shall be to reasonably smooth surfaces free of unconsolidated or loose soil. Unless otherwise shown on the drawings, foundation slopes shall be excavated to one to one, or flatter slopes.

4.4 STRIPPING BORROW AREAS

The areas from which borrow is to be taken shall be stripped to sufficient depth to expose material suitable for the earth fill.

CONSTRUCTION SPECIFICATION

SD-5 EXCAVATION

5.1 SCOPE

The work shall consist of excavation required by the drawings and specifications and disposal of the excavated materials.

5.2 CLASSIFICATION

Common excavation shall be defined as the excavation of all materials that can be removed and transported by heavy duty construction equipment having a power rating of at least 200 net peak flywheel horsepower ^{1/}, includes boulders and loose rock less than one cu. yd. in volume.

Rock excavation shall be defined as the excavation of all hard compacted or cemented materials requiring blasting or larger equipment than defined under common excavation.

5.3 USE OF EXCAVATED MATERIALS

Excavated materials deemed satisfactory by the technician shall be used for earth or rock fill to the extent needed.

5.4 DISPOSAL OF WASTE MATERIAL

All surplus or waste material shall be disposed of as shown on the drawings or directed by the technician, and left in a neat, sightly condition and sloped to provide drainage.

5.5 BRACING AND SHORING

Excavated surfaces too steep to be stable shall be supported to prevent soil movement. The contractor shall furnish, place, and subsequently remove the supports.

5.6 STRUCTURE AND TRENCH EXCAVATION

Structure or trench excavation shall be completed and approved by the technician before any concrete or earth fill is placed in the excavation.

5.7 BORROW EXCAVATION

When quantities of suitable materials obtained from specified excavations are insufficient to construct specified fills,

1/ D-8 Caterpillar or equivalent

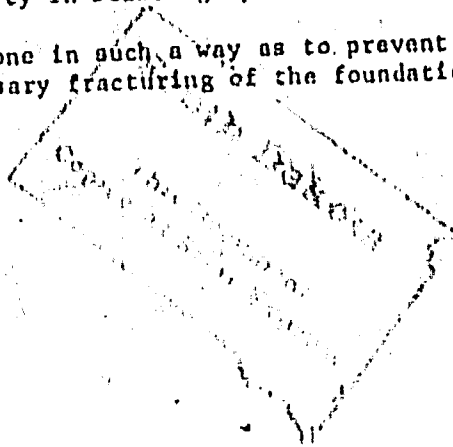
additional material shall be obtained from the designated borrow area as directed by the technician.

Borrow pits shall be excavated and finely dressed in a manner to eliminate steep or unstable side slopes or other hazardous or unsightly conditions.

5.8 BLASTING

The transportation, handling, storage, and use of dynamite and other explosives shall be directed by a person of proven experience and ability in blasting operations.

Blasting shall be done in such a way as to prevent damage to the work or unnecessary fracturing of the foundation.



CONSTRUCTION SPECIFICATION

SD-7S EARTH FILL-CLASS S

7S.1 SCOPE

The work shall consist of the construction of compacted earth fills where the amount of compaction is to be controlled by a method type of specification.

7S.2 MATERIALS

All fill materials shall be obtained from required excavations and designated borrow areas. The selection, blending, routing and disposition of materials shall be subject to approval by the technician.

Fill materials shall contain no frozen material, sod, brush, roots, or other perishable materials, or rocks larger than 8 inches in diameter. No fill shall be placed on a frozen surface.

7S.3 FOUNDATION PREPARATION

After stripping (see stripping specification), the foundation shall be scarified or plowed to a minimum depth of 4 inches. The entire foundation area shall then be compacted by the process used on the fill.

7S.4 PLACEMENT

Foundation excavations shall be completed before placing fill. Fill shall be placed such that the entire fill is free from lenses, pockets, streaks or layers of fill differing substantially from surrounding material.

Fill shall be placed in a manner allowing buried structures to assume backfill loads uniformly. Equipment weighing more than 400 pounds shall not be operated within 2 feet of any structure.

Fill shall be placed in approximately horizontal layers. Fill layer thicknesses shall not exceed 9 inches for machine compaction or 4 inches for hand compaction (including hand directed power tampers adjacent to structures).

7S.5 MOISTURE CONTENT

The fill material shall have a moisture content that when kneaded in the hand will form a ball which does not easily crumble when struck sharply with a pencil or which does not crumble when pressed between the hands. If the soil is too

Wet, it will yield free water when kneaded in the hand. The fill may have to be wetted or dried to achieve proper moisture control.

7S.6 COMPACTION (CLASS S)

The fill shall be compacted by one of the following methods:

- a. By routing the hauling and spreading equipment such that all points of the fill is traversed by at least one tread track of the loaded equipment, parallel to the centerline of the fill.
- b. By at least two passes of a tamping (sheepsfoot) roller weighing at least 100 pounds per square inch of bearing area.

Fill adjacent to structure shall be compacted to a density equivalent to that of the surrounding fill by means of hand tamping or manually directed power tampers or plate vibrators.

CONSTRUCTION SPECIFICATION

SD-12A CONCRETE (CLASS 3500)

12A.1 SCOPE

The work shall consist of furnishing, forming, placing, finishing, and curing portland cement concrete.

12A.2 MATERIALS

Concrete shall be composed of cement, fine and coarse aggregate, and an air-entraining admixture. Additives such as salt, or calcium chloride or other anti-freeze compounds, shall not be added to the mix. Other additives may be added only upon the written permission of the technician.

- a. Portland Cement shall conform to the requirements of ASTM Specification C 150 or C 115, Type II or IIA and shall be low alkali, unless otherwise specified on the plans.

Cement that is partially hydrated or otherwise damaged shall not be used.

- b. Aggregates shall conform to the requirements of ASTM Specification C 33. Aggregates which are known to have a slight potential reactivity with alkalies in cement may be used if low alkali cement is used and if approved by the technician.

The aggregates shall be handled in a manner to prevent contamination and segregation.

- c. Water shall be clean and free from harmful chemicals (suitable for drinking).
- d. Air-entraining admixtures shall conform to the requirements of ASTM Specification C 260. If air-entraining cement is used, any additional air-entraining admixture shall be of the same type as that used in the cement.
- e. Preformed expansion joint filler, when specified, shall be the bituminous type conforming to ASTM Specification D 994.
- f. Curing Compound - Used for spraying on concrete surfaces to retard the loss of water during the curing process, shall be white pigmented or have a fugitive dye and meet requirements of ASTM C 309 for Type 2 or Type 1 with a fugitive dye as specified on the drawings or dictated by daily temperatures (See Sec. 12A.21).

The material shall not have been frozen or otherwise damaged or contaminated.

12A.3 DESIGN OF THE CONCRETE MIX

The person in charge of construction will be responsible for the design of the concrete mix. Prior to placement of concrete, a statement of materials and mix proportions (including admixtures, if any) that is to be used, shall be furnished the technician for approval.

Approval of the concrete mix for the quality and strength of concrete desired will be based on the following minimum criteria:

1. All concrete shall have a minimum compressive strength of 3500 pounds per square inch at 28 days.
2. The mix shall contain at least 6 bags of cement per cubic yard of concrete.
3. Not more than 6 gallons of water shall be used per bag of cement including free water in the aggregate.
4. The concrete shall have an air-entrainment content (by volume) of between 4 and 7 percent unless otherwise specified.

The consistency of the concrete shall be such as to allow it to be worked into place without segregation. Unless otherwise specified, the slump shall be between 2 and 4 inches.

12A.4 INSPECTION AND TESTING

The following tests will be performed by the methods indicated.

<u>Test</u>	<u>Method (ASTM designation)</u>
Sampling	C 172
Slump Test	C 143
Air Content	C 231 or C 173
Compression Test Specimens	C 31 or C 42
Compressive Strength	C 39 or C 42

For each strength test of specimens made according to ASTM Designation C 31, 3 standard test specimens shall be made. The test result shall be the average of the strengths of the 3 specimens, except that if one specimen in the test shows evidence of improper sampling, molding or testing, it shall be discarded and the strengths of the remaining 2 specimens shall be averaged. Should more than one specimen representing a test show such defects, the entire test shall be discarded.

The technician shall have free entry to the plant and equipment furnishing concrete. Proper facilities shall be provided for the technician to inspect materials, equipment and processes and to obtain samples of the ingredients and concrete. All tests and inspections will be conducted so as not to interfere unnecessarily with the manufacture and delivery of the concrete.

12A.5 HANDLING AND MEASURING MATERIALS

Materials shall be stored and handled in a manner that will prevent degradation, segregation, contamination or intermixing of materials before measurement.

Scales for weighing aggregates and cement shall be beam or springless dial type, clean and operating within 1 percent accuracy.

All materials entering into the concrete shall be mechanically measured by weight except the air-entraining admixture and water which may be measured by volume.

12A.6 MIXERS AND MIXING

Concrete may be furnished by batch mixing at the site of the work or by ready-mix methods.

Mixers shall be capable of thoroughly mixing the concrete ingredients into a uniform mass within the specified mixing time and of discharging the mix without segregation. Each mixer or agitator shall bear a manufacturer's rating plate indicating the rated capacity and recommended speeds of rotation, and shall be operated in accordance with these recommendations.

Concrete shall be uniform and thoroughly mixed when delivered to the work.

No mixing water in excess of the amount called for by the job mix shall be added to the concrete at any time without the approval of the technician.

a. Batch mixing at the site

For concrete mixed at the site of the work with paving mixers or stationary construction mixers, the time of mixing after all cement and aggregates are in the mixer drum shall be not less than 1 1/2 minutes.

The batch shall be so charged into the mixer that some water will enter in advance of the cement and aggregates and all mixing water shall be introduced into the drum before one-fourth of the mixing time has elapsed.

Controls shall be provided to insure that the batch cannot be discharged until the required mixing time has elapsed.

Truck mixers and agitators shall be equipped with revolution counters by which the number of revolutions of the drum or blades may be readily verified.

When ready-mixed concrete is furnished, the Contractor may be required to furnish the Engineer a statement of delivery ticket showing the time of loading, the revolution counter reading at the time of loading and the quantities of materials used for each load of concrete.

b. Truck-mixed concrete

When concrete is mixed in a truck mixer loaded to its maximum capacity, the number of revolutions of the drum or blades at mixing speed shall be not less than 70 nor more than 100. If the batch is at least 1/2 cubic yard less than maximum capacity, the number of revolutions at mixing speed may be reduced to not less than 50. Mixing in excess of 100 revolutions shall be at the speed designated by the manufacturer of the equipment as agitating speed. The mixing operation shall begin within 30 minutes after the cement has been added to the aggregates and the water shall be added during mixing. When mixing is begun during or immediately after charging, a portion of the mixing water shall be added ahead of, or with, the other ingredients.

12A.7 FORMS

Forms shall be wood, plywood, steel or other approved material and shall be mortar tight. The forms and associated falsework shall be substantial and unyielding and shall be constructed so that the finished concrete will conform to the specified dimensions and contours. Form surfaces shall be smooth and free from holes, dents, sags, or other irregularities. Forms shall be coated with a nonstaining form oil before being set into place. Bolts and rods used for internal ties shall be so arranged that the metal will not be less than 1" from the surface when the forms are removed. Forms may not be embedded in the concrete. Wire ties will not be permitted except when approved in writing.

All permanently exposed concrete edges shall be chamfered 3/4" unless otherwise indicated on the drawings.

12A.8 PREPARATION OF FORMS AND SUBGRADE

Prior to placement of concrete, the forms, reinforcing, and subgrade shall be free of chips, sawdust, debris, water, ice, snow, extraneous oil, mortar or other harmful substances or coatings. Rock surfaces shall be cleaned by wire brushing, wet sand blasting, air water jets or other means satisfactory to the technician. Earth surfaces shall be firm and damp before placing concrete. Placement of concrete on mud, dried earth, uncompacted fill or frozen subgrade will not be permitted. Items to be embedded in concrete shall be positioned accurately and anchored firmly.

12A.9 CONVEYING

The maximum length of time between introduction of the cement to the mix and placement of the concrete in the forms shall not exceed 1 1/2 hours for concrete temperatures below 85°F, or 45 minutes for concrete temperatures above 85°F. Concrete shall not be dropped more than 5 feet vertically unless suitable equipment is used to prevent segregation.

12A.10 PLACING

Concrete shall not be placed until the subgrade, forms, and steel reinforcement have been inspected and approved.

The person responsible for construction shall have all equipment and materials required for curing, available at the site ready for use before placement of concrete.

The technician shall be notified of the time when concrete will be poured and given adequate time to inspect and approve the reinforcing steel, forms, subgrade, curing preparation, vibrating equipment and plans for placement.

The depositing of concrete shall be regulated so that concrete may be consolidated with a minimum of lateral movement, segregation, laitance, or honey-combing. Temporary stays and braces shall be removed when no longer needed.

12A.11 LAYERS

Slab concrete shall be placed to design thickness in one continuous layer. Formed concrete shall be placed in horizontal layers not more than 20 inches thick. Successive layers shall be placed at a fast enough rate to prevent the formation of "cold joints." If a successive layer cannot be placed in a timely manner a standard type construction joint shall be constructed between the layers, and unfinished ends of partial layers shall be formed by a vertical bulkhead.

12A.12 CONSOLIDATION

Each concrete layer shall be completely consolidated by spading, hand tamping, or mechanical vibrators as necessary to insure smooth, dense concrete along form surfaces, in corners and around embedded items, without segregation or laitance. Vibration shall extend into the previously placed layers of fresh concrete at all points, to insure effective bond between layers.

The use of vibrators to transport concrete in the forms or conveying equipment will not be permitted.

Vibration shall not be applied directly to the reinforcement steel, forms, or to concrete that has hardened.

12A.13 CONSTRUCTION JOINTS

Construction joints shall be made at the locations shown on the drawings, or as approved by the technician.

Where a feather edge would be produced at a construction joint, as in the top surface of a sloping wall, an insert form shall be used so that the resulting edge thickness on either side of the joint is not less than 6 inches.

In walls and columns as each lift is completed, the top surfaces shall be immediately and carefully protected from any condition that might adversely affect the hardening of the concrete.

Steel tying and form construction adjacent to concrete in place shall not be started until the concrete has cured at least 12 hours. New concrete shall not be placed until the hardened concrete has cured at least 12 hours.

Surfaces of construction joints shall be cleansed of all unsatisfactory concrete, laitance, coatings, stains, or debris by washing and scrubbing with a wire brush or wire broom or by other means approved by the technician. The surfaces shall be kept moist for at least one hour prior to placement of new concrete.

12A.14 EXPANSION AND CONTRACTION JOINTS

Expansion and contraction joints shall be made only at locations shown on the drawings. Exposed edges on these joints shall be carefully tooled or chamfered and shall be free of mortar and concrete.

Preformed expansion joint filler shall be held firmly in the correct position as the concrete is placed and shall be left exposed for its full length with clean and true edges.

12A.15 REMOVAL OF FORMS

Forms shall not be removed without approval of the technician and in such a way as to prevent damage to the concrete.

Forms shall not be removed before the expiration of the following minimum time intervals after placement of the concrete, exclusive of days when the minimum temperature of air adjacent to the concrete is below 40°F.

<u>Element</u>	<u>Time</u>
Beams, arches, decks Inside forms of conduits, risers	14 days
Outside forms of conduits, risers, small structures	3 days
Columns, bearing walls,	7 days
Non Bearing walls	24 hours

12A.16 FINISHING FORMED SURFACES

Immediately after removal of the forms: (a) All fins, and irregular projections which in the judgment of the technician affects appearance or function shall be removed; (b) All forms, bolts, and ties shall be removed, to a depth at least 1 inch below the surface of the concrete. The cavities produced by form ties and all other holes of similar size and depth shall be thoroughly cleansed and shall be carefully packed with a dry-pack mortar mixed not richer than 1 part cement to 3 parts sand passing #16 sieve. All other holes and cavities shall be filled solid with mortar after thoroughly wetting the hole.

Patching mortar shall be thoroughly compacted into place to form a dense, well-bonded unit, and free from shrinkage cracks. All patched areas shall be cured.

12A.17 FINISHING UNFORMED SURFACES

All exposed surfaces of the concrete shall be accurately screeded to grade and then wood float finished, except slip form lining which is finished by travel of the form.

Excessive floating or troweling while the concrete is soft will not be permitted. The addition of dry cement or water to the surface of the screeded concrete also will not be permitted.

All exposed concrete edges and joints shall be chamfered or finished with molding tools.

12A.18 CURING

Concrete shall be prevented from drying for a period of at least 7 days after placement. Exposed surfaces shall be kept continuously moist for the entire period or until curing compound is applied. Wood forms (except plywood) left in place during the curing period shall be kept wet. Formed surfaces shall be kept wet until patching or repairs are made. Curing compound may not be used on areas which are to be bonded to other concrete or mortar. Curing compound when used shall be sprayed on the moist concrete structure as soon as free water has disappeared, but shall not be applied to any surface until patching, repairs, and finishing of that surface are completed.

The curing compound shall be thoroughly mixed immediately before applying, and shall be applied at a uniform rate of not less than one gallon per 150 square feet of surface. It shall form a uniform, continuous, adherent film over the entire surface.

Curing compound shall not be applied to surfaces requiring bond with concrete remaining to be placed, construction joints, reinforcing steel, and other embedded items.

Surfaces subjected to heavy rainfall or running water within 3 hours after the compound has been applied or surfaces damaged by subsequent construction operations during the curing period shall be resprayed in the same manner as the original application.

12A.19 REMOVAL OR REPAIR

Concrete that is honey combed, damaged, or otherwise defective shall be removed or repaired as directed by the technician.

Prior to starting repair work the technician's approval of the plan for affecting repair shall be obtained.

12A.20 CONCRETING IN COLD WEATHER

Concreting shall not be mixed or placed when the daily minimum atmospheric temperature is less than 40°F. unless facilities are provided to prevent the concrete from freezing. The use of accelerators or anti-freeze compounds shall not be allowed.

12A.21 CONCRETING IN HOT WEATHER

The contractor shall apply effective means to maintain the temperature of the concrete below 90°F. during mixing, conveying and placing. Concrete surfaces exposed to the air shall be kept continuously wet for the first 24 hours of the curing period, and thereafter or until curing compound is applied. White pigmented curing compound shall be used when the daily maximum temperature during the curing period exceeds 90°F.

SOIL/WATER COMPATIBILITY PERMIT APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

Office Use Only

2752-PE

OWNERS NAME: Lyla Trask OWNERS ADDRESS: Box 8 Winstn.
So. Dak. 57771

COUNTY LAND LOCATED IN: Pennsylvania PHONE: 605. 793. 3421

TENANT'S NAME AND ADDRESS: (If Other Than Owner)

In accordance with State Law SBCL 46-5-6.5, if a water permit is granted with a conditional Soil/Water Compatibility permit, a copy of such conditional soil/water compatibility permit must be filed with the County Register of Deeds. This action must be taken by the holder of a water permit within 6 months of receipt of such water permit.

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres)

1. WELL LOCATION OR DIVERSION POINT: Dry Draw NW 1/4 Sec 23, T2N-R14E

2. SURFACE WATER SOURCE: Cheyenne River

3. LOCATION OF AREA TO BE IRRIGATED. NOTE: SOILS INFORMATION FOR THIS AREA MUST
153 acres - 1751-2 7/16-10 ACCOMPANY THE APPLICATION. (See instruction sheet)

153 acres - 1751.2
383 acres - 1752.2 3/25/81

Legal Description	Acres	Legal Description	Acres
NE ¹ / ₄ sec. 11 - T2N - R14E	116	SW ¹ / ₄ sec. 12, T2N, R14E	5.5
SE ¹ / ₄ " " "	3.5	NW ¹ / ₄ sec. 13, T2N, R14E	74
NW ¹ / ₄ sec. 12, T2N - R14E	41	portions of Sec. 14, 23 & 24	
NE ¹ / ₄ " " "	12	T2N-R14E (see map attd)	153 ac

4. TYPE OF IRRIGATION: GRAVITY: TOWLINE: CENTER PIVOT: GUN: OTHER: (Specify) Understand

5. CROPS TO BE IRRIGATED: Alfalfa & Native Grasses

6. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: 5

LEGAL DESCRIPTION:

IN WHAT NAME:

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

7. WATER SAMPLE NUMBER: dry draw

8. SALINITY (EC X 10⁶): and Laguna River

9. SODIUM (SAR):

10. ADJUSTED (SAR):

RECEIVED

FEB 17 1991

South Dakota
Division of Conservation

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see instruction sheet) were followed, and that the sample was taken at _____ a.m./p.m., on _____, 19____, at the following location: N/A

by _____ (Individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

220267-2536

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS

16 DAY OF Feb, 1981.

Wern Sudtilste

(NOTARY PUBLIC)

Program Director

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application. In all cases a WATER PERMIT must be obtained from the Board of Water Management.

APPROVED

DISAPPROVED

CONDITIONALLY APPROVED MAR 03 1981

South Dakota
Division of Conservation

RECEIVED

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

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

Water Rights Division
605 773-3352

April 4, 1986

1751-2
1752-2

Todd Trask
Wasta SD 57791

Dear Mr. Trask:

This letter will acknowledge receipt of the 1985 Irrigation Questionnaires pertaining to Water Permit Nos. 1751-2 and 1752-2 for Lyla Trask. The questionnaires were completed following our April 2, 1986 telephone conversation.

A notice was sent to you March 31, 1986 regarding the Irrigation Questionnaire submittal violation and the date hearings were to be held before the Water Management Board to determine any action to be taken. Please disregard the notice. Your name has been deleted from the agenda pertaining to these hearings.

During our telephone conversation you stated the name on Water Permit Nos. 1751-2 and 1752-2 should be changed to Lyla Trask Estate. In order to make this change, a notice of transfer will need to be filed with our office. Enclosed are partially completed transfer forms. Please check them over, date, sign in the presence of a notary and return the forms to our office with a \$2.50 filing fee for each (total of \$5.00).

South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, conveyance, lease or other transfer of a Water Permit or Water Right to appropriate water to be filed with this office within ninety days.

If you have any questions, please contact our office.

Sincerely,

Genny McMATH

GENNY MCMATH
Natural Resources Analyst

GM:ks

enclosures

Equal Opportunity Employer

Dear Sir

As requested the
5⁰⁰ filing fee for
Water Permit nos
1751-2 & 1752-2

Thank you
Total trust
Co executor Syla trust
estate

1751-2
1752-2

WATER RIGHTS DIVISION
(605) 773-3352

May 21, 1986

Todd Trask
Wasta, South Dakota 57791

Dear Mr. Trask:

This will acknowledge receipt of the "Notices of Transfer" you submitted for transferring Water Permit Nos. 1751-2 and 1752-2. However, as indicated on the transfer forms, a \$2.50 filing fee is required (for each) before the transfers can be completed.

Please remit the required filing fees of \$5.00 as soon as possible. Upon receipt of the \$5.00, Water Permit Nos. 1751-2 and 1752-2 will be transferred to Lyla Trask Estate.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Natural Resources Analyst

GH:ms
Enc.

RECEIPT

410460

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, _____

June 5, 1936

RECEIVED OF Odd Trask, Wasta, SD 57791 (Lyla Trask Estate)
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____	
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. _____	2 50
Fee for Filing Transfer Form <u>1752-2</u>	
Fee for Filing Extension Request _____	
Fee for Certified Copy of _____	
Fee for Print Copy of Map _____	
Fee for Certifying _____	
Fee for _____ (Any Other Work Provided by Law)	
Total	2 50

By John Hatch
Chief Engineer JOHN HATCH/CS

NO. 1752-2

NOTICE OF TRANSFER OF WATER PERMIT

TO: Water Rights
Foss Building
Pierre, SD 57501

Date: 5/21/86

This is to notify you that the title to the lands described as follows:

333 acres - E $\frac{1}{2}$ Section 11; N $\frac{1}{2}$ & SW $\frac{1}{4}$ Section 12; NW $\frac{1}{4}$ Section 13, T2N, R14E

formerly owned by Lyla Trask

has been transferred to Lyla Trask Estate

(please include complete mailing address)
together with any rights to the beneficial use of water thereon as evidenced by

Water Right Permit No. 1752-2 as provided for in SDCL 46-5-32 and 46-5-33.

You are therefore hereby requested to file this "Notice of Transfer of Water Permit" in its appropriate file at the Div. of Water Rights, Water Management Board as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is hereto attached to cover filing fees as required under SDCL 46-2-13.

STATE OF SOUTH DAKOTA)

County of Pennings

I, Lyla Trask Estate being first duly sworn on my oath depose and say:
That my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and I know of my own personal knowledge that the information herein stated is true.

(Signed)

Subscribed and sworn to before me this 21 Day of May, 1986

(Notary Public)



WNR-820-9/83

Notice of Transfer of Water Permit

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

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

WATER RIGHTS DIVISION
(605) 773-3352

1752-2

June 18, 1986

Todd Trask
Wasta, South Dakota 57791

RE: Lyla Trask Estate

Dear Mr. Trask:

Enclosed are receipt Nos. 410459 and 410460 in the amount of \$2.50 each,
which you paid for transfer of Water Right Nos. 1751-2 and 1752-2.

Our records now show Lyla Trask Estate as the owner of these Water Rights.

Sincerely,

Maxine Stirling
Staff Assistant

ms/
Enc.

Permit No. 1752-1.

Water District: Upper Cheyenne

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

I have this day made a thorough examination of the water use system constructed by Lyla Trask of Box 34, Wasta, SD 57791

holder of Permit No. 1752-2, bearing the priority of June 27, 1974/January 12, 1981 authorizing the diversion of 1.44/3.31 cu.ft. per second the waters of Cheyenne River and Dry Draw for irrigation purposes, in Pennington County.

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

A. Works used to divert the water:

Pump: Berkley, 1200 gallons per minute capacity.

Motor: International tractor, 80 horse power.

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

1400 feet of 10 inch Aluminum pipe

2300 feet of earthen ditch.

C. Works used to apply water to beneficial use:

1500 feet of gated pipe, also gravity system of irrigation.

The system is in the following conditions: Good. The point of diversion is located: A: 2640 feet south, 400 feet west from the Northeast corner of Section 14; B: 2145 feet west on section line between Sections 2 and 11; C: 2365 feet north, 1375 feet west from the Southeast corner of Section 12, all in T2N-R14E.

The works are capable of diverting and conveying to the place of use 2.67 cu.ft. per second which is used for irrigation.

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

See attached sheet

comprising a total of 333.0 acres of land and the license should be issued for 2.67 cfs.

Application permit qualifications have been complied with ☒ Yes No

Exceptions to compliance are: None

Date: 8/28/1991



H. RASSOOL AHADI

Natural Resources Engineer III

DENR, Water Rights Division

Acreage for Water Permit No. 1752-2

Priority date: January 12, 1981

Section 11, T2N-R14E

NE1/4 NE1/4	38.0	ac.
NW1/4 NE1/4	31.0	ac.
SE1/4 NE1/4	40.0	ac.
SW1/4 NE1/4	7.0	ac.

NE1/4 SE1/4 25.8 ac.

Subtotal 141.8 acres

Section 12, T2N-R14E

SW1/4 NW1/4	18.0	ac.
SE1/4 NW1/4	20.0	ac.

SW1/4 NE1/4 12.0 ac.

NW1/4 SW1/4 23.1 ac.

SW1/4 SW1/4 27.5 ac.

SE1/4 SW1/4 6.7 ac.

Subtotal 107.3 acres

Section 13, T2N-R14E

NW1/4 NW1/4 4.8 ac.

NE1/4 NW1/4 27.3 ac.

SW1/4 NW1/4 3.3 ac.

SE1/4 NW1/4 38.3 ac.

Subtotal 73.7 acres

Priority date: June 24, 1974

Section 11, T2N-R14E

SE1/4 SE1/4	4.2	ac.
NE1/4 SE1/4	6.0	ac.

Subtotal 10.2 ares

TOTAL 333.0 acres

LICENSE FOR PERMIT NUMBER 1752-2

1. Legal location of

Dams and Structures: Points between E1/2 Section 14 and N1/2 Section 11; and
also NW1/4 SW1/4 Section 12, all in T2N-R14E

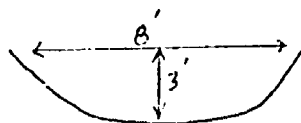
2. Well Information: Well Drilling Firm NA

Casing	a) diameter	inches	Screen	a) type	
	b) length	feet		b) length	feet
	c) type		Static Water Level	feet	
Pump	a) make	<u>Berkeley</u>	Motor	a) make	<u>International</u>
	b) model	<u>B6GRCCWH871</u>		b) model no.	<u>826</u>
	c) size	<u>10 inch</u>		c) horsepower rating	<u>80</u>
	d) capacity	<u>1200</u> GPM		d) serial no.	
	e) turbine pump - no. of stages				
	f) operating PSI				

3. Distribution lines or canals

a) size 10 inches
b) type Aluminum
c) length 1400 feet
e) gated pipe:

Also 2300 feet of earthen ditch



- 1) length 1500 feet
- 2) diameter 10 inches
- 3) spacing of gates 30 inches

Indicate any other permit(s) which are associated with project 1751-2

Yes	No	Check Items
<u>X</u>		1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
<u>X</u>		2. Special qualifications to permit being abided by?
<u>X</u>		3. All structures, wells and lands on map?
<u>X</u>		4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
	<u>X</u>	5. Is chemigation used?
		6. If yes, does equipment comply with chemigation rules?

REMARKS: The same pump is used for Water Permit No. 1752-2.

The map for this permit was partially prepared by LeRoy Hernaugh.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 8, 1992

1752-2

Lyla Trask Estate
Box 34
Wasta SD 57791

Dear Sir:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 1752-2, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Genny McMath
Natural Resources Analyst
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Division of Water Rights
South Dakota Department of Water and Natural Resources

Pierre, _____ February 4, 1922

RECEIVED OF Todd Trask, Box 34, Wasta, SD 57791

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____		
Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>1752-4</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)		
Total	50	00

By [Signature]
Chief Engineer

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1752-2

(1) Lyla Trask of Box 34, Wasta, SD 57791 made Application No. 1752-2, January 12, 1981 for a water permit to appropriate 4.75 cubic feet of water per second from the Cheyenne River and dry draw, Pennington County, South Dakota for irrigation purposes. Permit No. 1752-2 with priority dates of June 27, 1974 and January 12, 1981 was approved March 25, 1981 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before March 25, 1986 and for the application to beneficial use of said water on or before March 25, 1990.

On May 20, 1986, Water Permit No. 1752-2 was transferred to the Lyla Trask Estate.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 2.67 cubic feet of water per second for beneficial use. The location of the diversion points are: #1 - 2640 feet south and 400 feet west of the NE corner of Section 14; #2 - 2145 feet west on the section line between Sections 2 and 11; #3 - 2365 feet north and 1375 feet west of the SE corner of Section 12, all in T2N, R14E.

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

T2N, R14E Section 11

NE 1/4 NE 1/4	38.0 Acres	January 12, 1981 priority date
NW 1/4 NE 1/4	31.0 Acres	January 12, 1981 priority date
SE 1/4 NE 1/4	40.0 Acres	January 12, 1981 priority date
SW 1/4 NE 1/4	7.0 Acres	January 12, 1981 priority date
NE 1/4 SE 1/4	31.8 Acres	(25.8 acres-01/12/81 priority date) (6.0 acres-06/27/74 priority date)
SE 1/4 SE 1/4	4.2 Acres	June 27, 1974 priority date

T2N, R14E Section 12

SW 1/4 NW 1/4	18.0 Acres	January 12, 1981 priority date
SE 1/4 NW 1/4	20.0 Acres	January 12, 1981 priority date
SW 1/4 NE 1/4	12.0 Acres	January 12, 1981 priority date
NW 1/4 SW 1/4	23.1 Acres	January 12, 1981 priority date
SW 1/4 SW 1/4	27.5 Acres	January 12, 1981 priority date
SE 1/4 SW 1/4	6.7 Acres	January 12, 1981 priority date

T2N, R14E Section 13

NW 1/4 NW 1/4	4.8 Acres	January 12, 1981 priority date
NE 1/4 NW 1/4	27.3 Acres	January 12, 1981 priority date
SW 1/4 NW 1/4	3.3 Acres	January 12, 1981 priority date
SE 1/4 NW 1/4	38.3 Acres	January 12, 1981 priority date
Total-----		333.0 Acres

(4) Pursuant to Section 46-5-20.1 Lyla Trask Estate of Box 34, Wasta, SD 57791 the holder(s) and/or owner(s) of Water Permit No. 1752-2 is issued a license to appropriate water, the right to use 2.67 cubic feet of water per second from the Cheyenne River and a dry draw with priority dates of June 27, 1974 and January 12, 1981 from the location specified in (2) of this license. The water is to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 1752-2 and subject to South Dakota State Law.

 AUG 12 1992
JOHN HATCH, Chief Engineer
Water Rights Division
Department of Environment and
Natural Resources



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

AUG 12 1992

1752-2

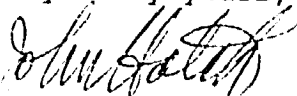
Todd Trask
Lyla Trask Estate
Box 34
Wasta, SD 57791

Dear Mr. Trask:

Enclosed is Water License No. 1752-2. Water License No. 1752-2 is the final document which completes the 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.

Very truly yours,


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

enclosures



1752-2

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

January 9, 1998

NOTICE**TO:** LYLIA TRASK-ESTATE, BOX 34, WASTA, SD 57791**FROM:** Ron Duvall, Natural Resources Engineer
for John Hatch, Chief Engineer
Water Rights Program**SUBJECT:** Reporting Requirement for 1997 Irrigation Questionnaire(s)

Our records indicate that the 1997 Irrigation Questionnaire has not been submitted for Permit No(s) 1751-2 & 1752-2. The request for the Questionnaire was dated October 17, 1997. The Water Management Board has directed that owners of water permits who have not submitted the 1997 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning this issue.

The hearing will be held at 9:45 am, February 25, 1998, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 1751-2 & 1752-2 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing 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.

If the questionnaire(s) is(are) received in this office on/or before February 20, 1998, your name will be deleted from the Board agenda. If you have any questions or need assistance with completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



1752-a

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 3, 1998

1751-2

1752-2

Lyla Trask Estate
% Todd Trask
Box 34
Wasta, SD 57791

Dear Mr. Trask:

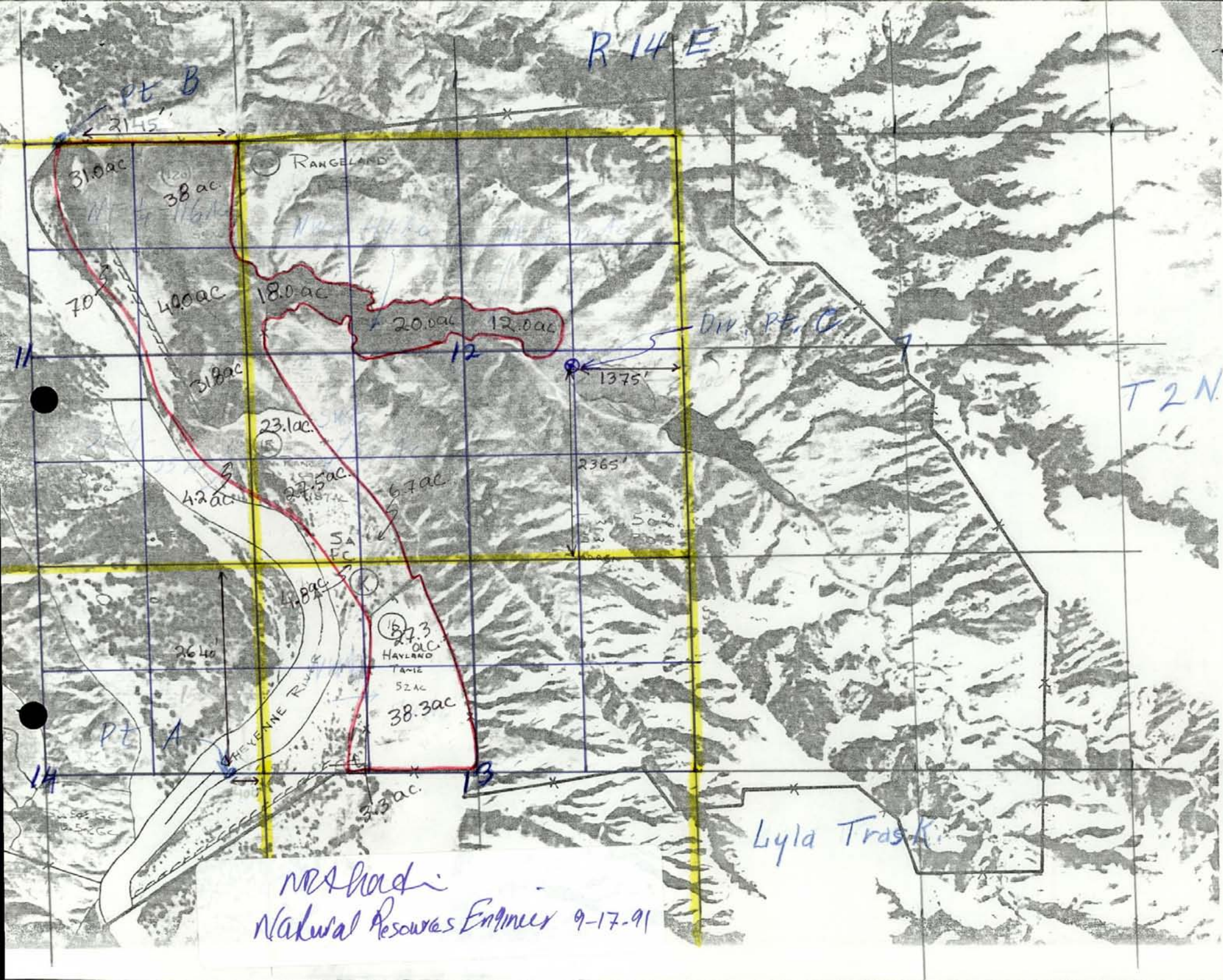
I am writing to acknowledge receipt of your 1997 irrigation questionnaires. You may disregard the January 9, 1998, "Notice" concerning reporting requirements for Water Permit Nos. 1751-2 and 1752-2.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

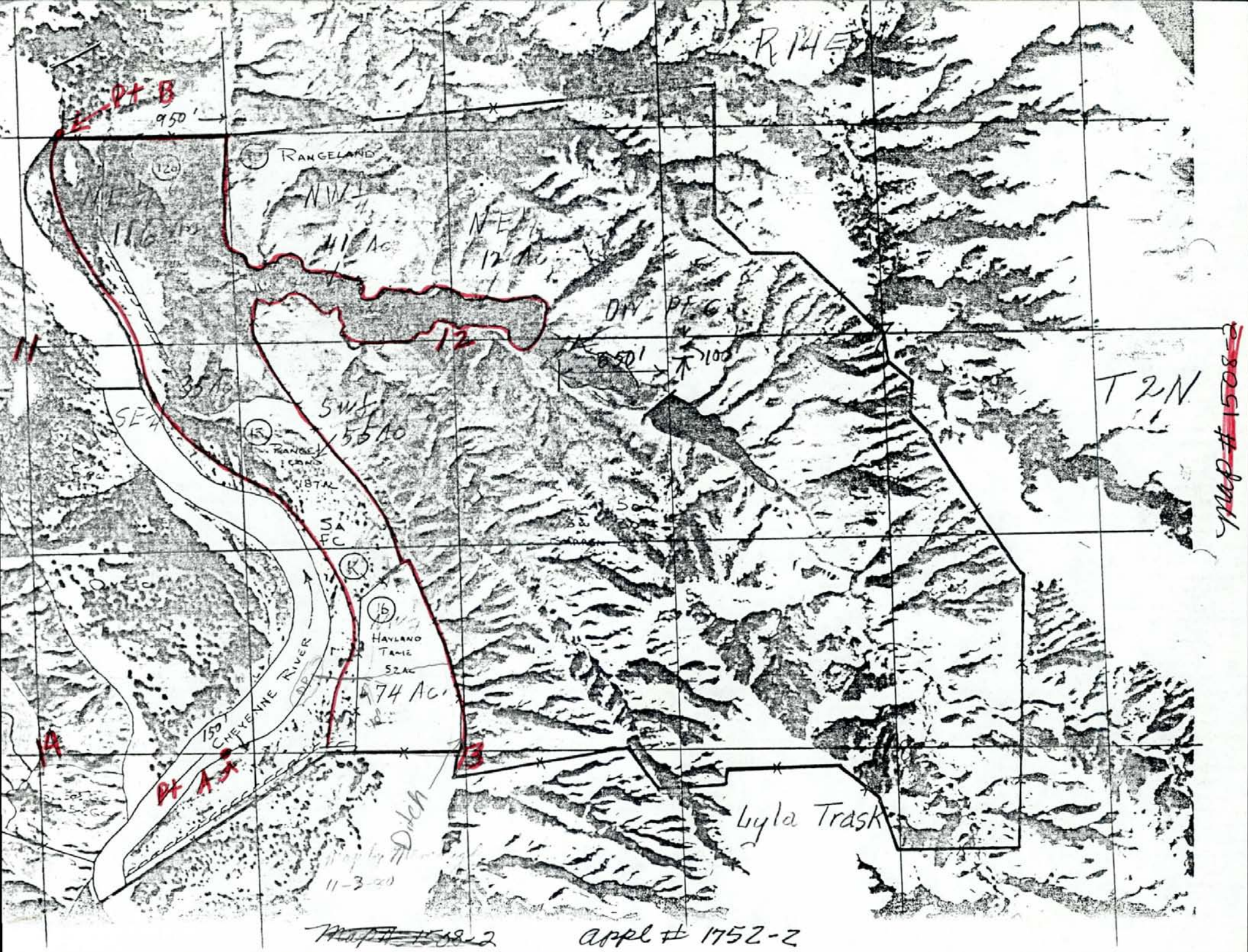
If you have any questions, please contact me.

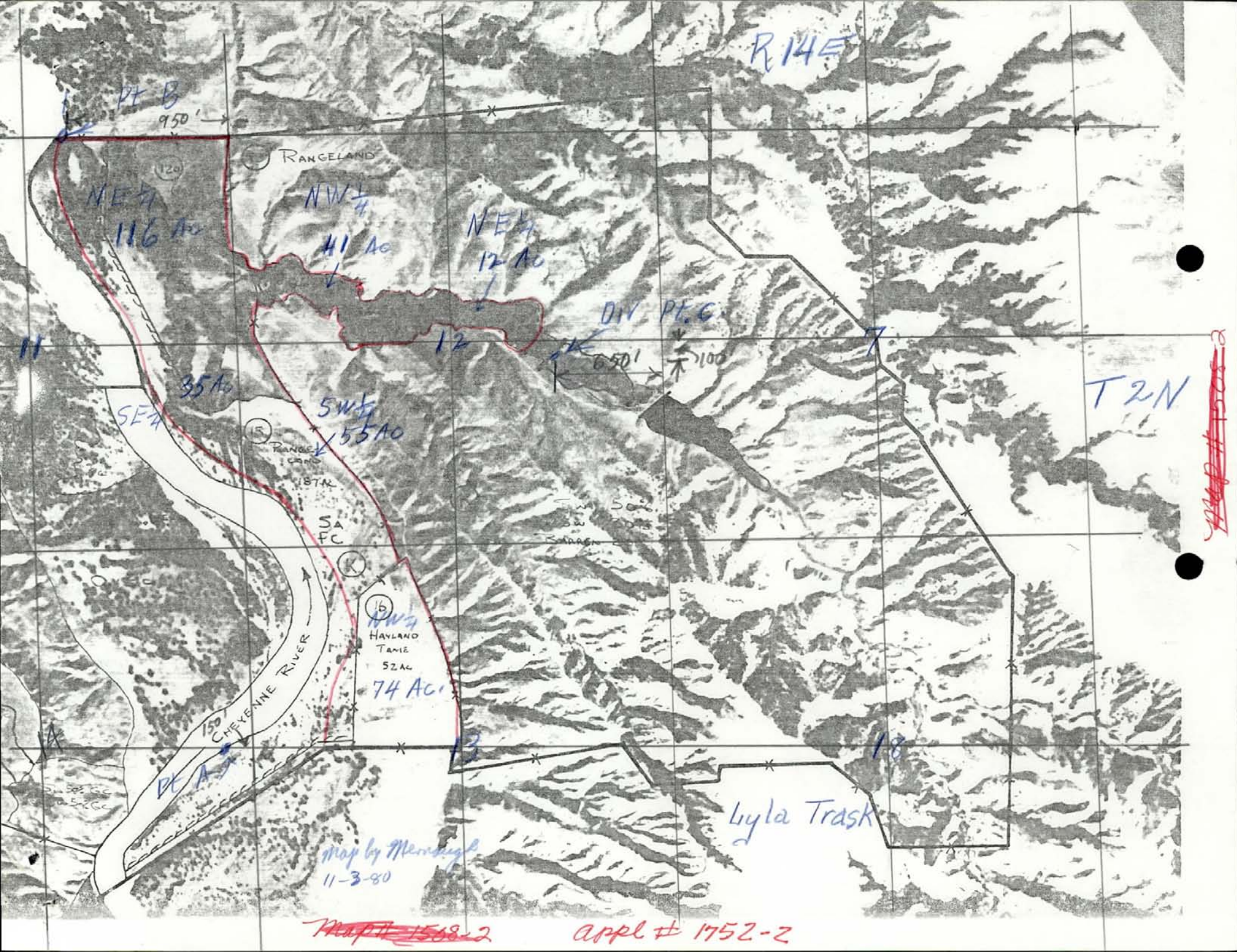
Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352



1752-2







**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

June 30, 2006

NOTICE OF SHUTOFF ORDER

TO: TODD TRASK ESTATE
BOX 34
WASTA SD 57791

FROM: GARLAND ERBELE, Chief Engineer
Water Rights Program

SUBJECT: Cheyenne River Shutoff Order for Junior Priority Date Water Rights

Shutoff Order for Water Right Nos. 1752-2 1751-2

To protect the senior priority water rights, the department is issuing shutoff orders to junior water right holders with priority dates after January 1, 1970 from Angostura Dam to Belle Fourche River confluence. Effective immediately, no diversions of water from the Cheyenne River and tributaries will be allowed for those permits with a priority date after January 1, 1970.

Flow in the Cheyenne River has dropped to the point where domestic use of water, which includes livestock watering from the river, has become a concern. This order will be rescinded as soon as conditions improve. If conditions do not improve, this order will remain in effect until the end of the calendar year.

I am asking for your cooperation in complying with this shutoff order. The ongoing drought is creating hardship for all the water right holders along the river. If you have any questions, please contact Mark Rath or Lynn Beck with the Water Rights Program at (605) 773-3352. Thank you.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

September 5, 2006

1751-2 1752-2

TODD TRASK
BOX 34
WASTA SD 57791

Dear Sir:

This letter is to inform you that until further notice pumping **will be allowed** to continue under your junior priority water right(s) from the Cheyenne River. Due to recent rains and cooler temperatures, flow in the Cheyenne River has improved and appears to holding steady.

We will continue to monitor the daily stream flows. If flow conditions worsen and domestic use flow is again being impacted, DENR may be forced to again limit pumping.

The USGS maintains a website where you can view real-time stream flow measurements at several sites along the Cheyenne River and it's tributaries at the following web address:

<http://waterdata.usgs.gov/sd/nwis/rt>

If you have any questions, please contact Mark Rath or Lynn Beck with the Water Rights Program at (605) 773-3352. Thank you.

GARLAND ERBELE, Chief Engineer
Water Rights Program



1752-2

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

March 5, 2007

Dear Water Right Holder;

Due to the ongoing drought I am advising Cheyenne River water right holders of the possibility of shutoff orders in 2007 for the river reach from Angostura Dam to the Belle Fourche River confluence. This is **not a shutoff order**.

As a result of the continuing lack of precipitation, tributary flows throughout the Cheyenne River basin remain well below the historical average. Angostura Reservoir ended February almost 21-feet below full and the forecast for improved conditions throughout the summer months is not favorable.

This letter is only intended to give you advanced warning that your ability to divert water may be cut short this year. If shut-off orders are issued, you will receive another letter from the department. In the meantime, water right holders can help by closely monitoring water usage and trying to avoid wasting water.

South Dakota water law gives the highest priority to domestic use, which includes livestock watering. There is generally adequate water available to meet both domestic use and other needs. However, once water availability reaches critical low levels, other uses, including irrigation, will begin to interfere with domestic use. If levels become critically low, the department must issue shut-off orders to protect domestic water uses. Once these orders are issued, the department will continue to monitor water availability and should conditions improve, the shutoff orders would be rescinded.

If you are interested, the US Geological Survey has an Internet site showing river flows at 150 stream gauging stations across the state. Go to sd.water.usgs.gov and click on "Realtime streamflow data via satellite".

Thank you for your cooperation. If you have any questions, please contact Mark Rath or Mike DeFea at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program



March 26, 2007

Trask Estate
Lyla Trask, Todd Trask
P O Box 34
Wasta, SD 57791

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

1751-2

1752-2

Dear Mr. Trask:

This letter is in reference to your March 19, 2007 telephone call to Mike DeFea, one of our Water Rights staff, regarding early diversions of water for irrigation from the Cheyenne River for two permits under Lyla Trask. You indicated that you would like to pump water from the river to irrigate land covered under Permit No. 1752-2 and divert water from the river through a pond into ditches to flood irrigate land covered under Permit No. 1751-2. You also stated that the diversion of water into the ditch would be a greater volume of water than is permitted. Water Right No. 1752-2 is authorized to divert 2.67 cfs of water and Water Right No. 1751-2 is authorized to divert 2.0 cfs of water. Diversion from the river into the pond needs to be limited at the control gate located at the inlet culvert to not exceed the diversion rate limit.

Because there is sufficient flow in the Cheyenne River, I am granting your request to withdraw water early for Water Permits 1751-2 and 1752-2; however, the diversion rate from the river into the pond **cannot** exceed 2.0 cfs as is authorized under Water Permit No. 1751-2.

If you have any questions, please contact Mike DeFea or Mark Rath of the Water Rights Program at phone (605) 773-3352.

Sincerely,

For Garland Erbele, Chief Engineer
DENR, Water Rights Program



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

NOTICE OF SHUTOFF ORDER

June 27, 2007

TO: Lyla TRASK ESTATE
TODD TRASK
PO BOX 34
WASTA SD 57791

FROM: GARLAND ERBELE, Chief Engineer
SD DENR Water Rights Program

SUBJECT: Cheyenne River Shutoff Order for Junior Priority Date Water Rights

Shutoff Order for Water Right Nos. 1751-2 (1752-2)

To protect the senior priority water rights, the department is issuing shutoff orders to junior water right holders with priority dates between January 1, 1970 and present for the river reach between the Angostura Dam to Belle Fourche River confluence. Effective immediately, diversions of water from the Cheyenne River and tributaries will not be allowed for those permits with a priority date after January 1, 1970.

Flow in the Cheyenne River continues to decline to the point where domestic use of water, which includes livestock watering from the river, has become a concern. This order will be rescinded as soon as conditions improve. If conditions do not improve, this order will remain in effect until the end of the calendar year.

The USGS maintains a website where you can view real-time stream flow measurements at several sites along the river, the web address is:

<http://waterdata.usgs.gov/sd/nwis/rt>

I am asking for your cooperation in complying with this shutoff order. The ongoing drought is creating hardship for all the water right holders along the river.

If you have any questions concerning this order, please contact either Mark Rath at (605) 773-3352 or Aaron Tieman at (605) 394-2229. Thank you.

1752-2



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Lacreek National Wildlife Refuge
29746 Bird Road
Martin, South Dakota 57551-9510
605/685-6508
www.lacreek.fws.gov

RECEIVED
JAN 12 2012
WATER RIGHTS
PROGRAM

January 9, 2012

Dept. of Environment & Natural Resources
Water Rights Program
Joe Foss Building
523 East Capital Ave.
Pierre, SD 57501

Mr. Timothy G. Schaal, P.E.,

This letter is to notify the Water Rights Division that a large dam located in (East) Pennington County, was recently repaired under the State's definition of "maintenance" of a structure. This dam is located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 12 Township 2N, Range 14E. This structure is known as the Lyla Trask Dam and is currently under the ownership of Todd Trask of Wasta, South Dakota. This structure is covered under Water Right Permit No. 1752-2 dated March 26, 1981. This maintenance was completed with assistance from the U.S. Fish & Wildlife Services Partners for Fish & Wildlife Program. Financial assistance was provided by the U.S. Fish & Wildlife Service and the private landowner. The structure received a new primary spillway that consisted of a new 30" coated CMP drop inlet with a 30" outlet. Some refacing of the structure also was performed; the emergency spillway of the structure is intact and required no work. All NEPA and Cultural resources requirements were also completed for this site.

Sincerely,

Joseph E. Nichols; Wildlife Biologist
Partners for Fish & Wildlife Program

Cc: Kurt Forman; Wildlife Biologist



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

November 5, 2018

1751-2
1752-2

Todd Trask
PO Box 34
Wasta SD 57791

Dear Mr. Trask:

As requested, enclosed are partially completed "Notice of Transfer" forms for use in filing an ownership change on Water Right Nos. 1751-2 and 1752-2. The water rights are currently listed in the name of Lyla Trask Estate.

The transfer forms should be completed, checked over for accuracy, and **signed by the new owner**. Upon completion, return the forms to our office with a required filing fee of \$50.00 each (total \$100.00).

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

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

enclosures

Paid Cash

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

RECEIVED

JAN 04 2018

WATER RIGHTS
PROGRAM

No. 1752-2

Date: _____

I/We request that Water Right/Permit No. 1752-2

formerly owned by: Lyla Trask Estate

be transferred to: (name & address)

TRASK RANCH PARTNERSHIP
BOX 34

WASTA, SD 57791

Telephone No. 605-993-3421

Title to the following described land(s)/property has been transferred as described above:

333 acres - NE 1/4, E 1/2 SE 1/4 Section 11, S 1/2 NW 1/4, SW 1/4 NE 1/4, W 1/2 SW 1/4, SE 1/4
SW 1/4 Section 12, NW 1/4 Section 13; all in T2N-R14E

I/We understand that the validity of Water Right/Permit No. 1752-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We, Trask Ranch Partnership, the new owner, certify that the above information is true and correct.

By [Signature]
(Signed by new owner) Trask Ranch Partnership

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date January 4, 2019

RECEIVED OF Trask Ranch Partnership Box 34 Wasta SD 57791

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

Fee for Application for Permit No. _____ 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 <u>1752-2f</u>		
Fee for _____	50	00
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **08916**

By Jeanne Hodman
Chief Engineer vm



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 7, 2019

1751-2
1752-2

Todd Trask
Trask Ranch Partnership
Box 34
Wasta SD 57791

Dear Mr. Trask:

I am writing to acknowledge receipt of the transfer forms and filing fees you paid for changing ownership on Water Right Nos. 1751-2 and 1752-2.

The ownership changes have been completed. The water rights formerly held by the Lyla Trask Estate are now listed under Trask Ranch Partnership.

Enclosed for your records are Receipt Nos. 08915 and 08916 in the amount of \$50 each. If you have any questions, please contact me.

Sincerely,

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

enclosures