

WATER PERMIT NO. 2277-2

Phone: 394-4165

Name of Applicant: City of Rapid City

Post Office Address: 300 6th St, Rapid City SD 57701

Amount of Water Claimed: 1.34 Total Acres: 37

Source of Water Supply: Rapid Creek

Water to be used for: municipal County: Pennington

About _____ miles _____ of _____

PRIORITY Date Received: 3-24-93 Fee: _____ Remarks: Appropriates

an add'l 1.34 cfs from FU No. 1088-2 to irrigate land authorized by No. 1931-2

Corrected Application Received: _____ Period of Annual Use: Jan 1 - Dec 31

WATER QUALITY APPROVAL RECEIVED: NA APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS: _____

Diversion Point: SE 1/4 SW 1/4 Sec 35-T2N-R7E

Land to be Irrigated: NW 1/4 SW 1/4, E 1/2 SE 1/4

SW 1/4 SW 1/4 Sec 35-T2N-R7E

Well Log: Driller: _____ Licensed YES _____ NO _____

Depth of Well: _____ REMARKS: _____

Type of Map: topo PREPARED BY: Daniel Bjerke Reviewed and the Number

Assigned on: 3-25-93 By: Karen Schlaak

FORM 2: Application for irrigation in South Dakota

* 150

(type or print)

Mail to:

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

No. 2277-2 Hydrologic Unit 10120110
Basin Upper Cheyenne
Newspaper Rapid City Journal
(office use only)



Application For Soil/Water Compatibility Permit And Permit To Appropriate Water

Type of Application: X New Vested Right Amendment/Correction to Permit No.
(check one) (Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. acreage change, change diversion point(s), add diversion point(s), etc.)

To appropriate an additional 1.34 cfs from Future Use Permit No. 1088-2
for the irrigation of land authorized by Permit No. 1931-2.

1. Name of Applicant City of Rapid City Phone (605) 394-4165
Mailing Address 300 6th St Rapid City State SD 57701
(Street, RR, or Box) (City) (Zip Code)

2. Amount of water claimed 1.34 *CFS or **GPM 53 ***AF Total Acreage 37 (no add'l)
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout if applicable

3. Source of water supply Rapid Creek

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
SE1/4 SW1/4 Section 35 T2N-R7E

County Pennington

5. County or counties where water will be used Pennington

6. Annual period during which water is to be used May 1 - November 1

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

SE 1/4

(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NW1/4 SW1/4 Sec 35 T2N-R7E	13		
NE1/4 SE1/4 " "	18		
SE1/4 SE1/4 " "	5		
SW1/4 SE1/4 " "	1		

8. Type of Irrigation: Gravity: Towline: Center Pivot: Gun: Other (Specify): Sprinkler

9. Crops to be irrigated: Turf, grass

10. Give a description of the project. (Attach sheet if more space is needed)

Increase the diversion rate for irrigating Executive Golf Course.

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach maps, soils information and any other technical information. (see instructions)

STATE OF SOUTH DAKOTA)

County of Pennington ss

I, ED McLAUGHLIN, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is representative of the water to be used, and that the matters stated in this application are true and correct.

Signed Ed McLaughlin

Subscribed and sworn to before me this 22nd day of March 19 93

Patsy Horton
Notary Public

SOUTH DAKOTA WATER PERMIT NO. 2277-2 FOR IRRIGATION

Date of first receipt of application March 24, 1993.

Date Soil/Water Compatibility Permit received May 10, 1985.

The Water Management Board approved Water Permit Application No. 2277-2 on December 1, 1993 for the City of Rapid City, 300 6th St, Rapid City SD 57701 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 2277-2 places to beneficial use 1.34 cubic feet of water per second (cfs) with an annual limit of 53 acre-feet from Rapid creek for the irrigation of the Executive Golf Course. This water had been reserved under Future Use Permit No. 1088-2 with a priority date of June 28, 1971. Water Permit No. 1931-2 authorized the irrigation of 37 acres of the Executive Golf Course with a diversion rate of 0.1 cfs and an associated annual volume of 21 acre-feet. A July 15, 1992, inspection found that the golf course was capable of diverting water at a greater rate than and using a greater volume than the amount authorized. Water Permit No. 1931-2 authorizes the diversion of 0.10 cfs from Rapid Creek with the diversion point location in the SE 1/4 SW 1/4 of Section 35 to irrigate 37 acres located in the SE 1/4 Section 35; all in T2N-R7E. This permit does not change the number of acres irrigated nor the location of the diversion point. It does bring the authorized annual volume of water diverted up to the statutory limitation of 2 acre-feet per irrigated acre.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 - November 1.
3. The date from which applicant may claim right is June 28, 1971.
4. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

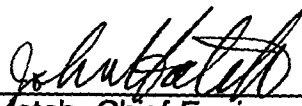
1. Low flows as needed for downstream domestic use, including livestock water and prior water rights must be by-passed.
2. Approval of Permit No. 2277-2 limits the number of hours of irrigation per day to a corresponding equivalent time period as if irrigating at a rate of 0.53 cfs for 37 acres. At a pumping rate of 1.44 cfs, the pumping time may not exceed 8.8 hours. The total amount of water applied shall not exceed 2 acre-feet per acre per year.
3. A meter shall be installed at the pump site to monitor the volume of water pumped. The amount of water diverted shall be reported to the Chief engineer, annually, on the irrigation water use questionnaire.

(continued)

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

WATER MANAGEMENT BOARD

By: _____



John Hatch, Chief Engineer
Water Rights Division
Department of Environment and Natural Resources

FEB 1 1994

date

RECEIPT

Division of Water Rights

413726

South Dakota Department of Environment and Natural Resources

Pierre, _____ April 8, 19⁹³

RECEIVED OF City of Rapid City Finance Office, Rapid City SD

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

Fee for Application for Permit No. <u>2277-2</u> to Appropriate Water, to construct and to put water to beneficial use _____	150	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	150 00

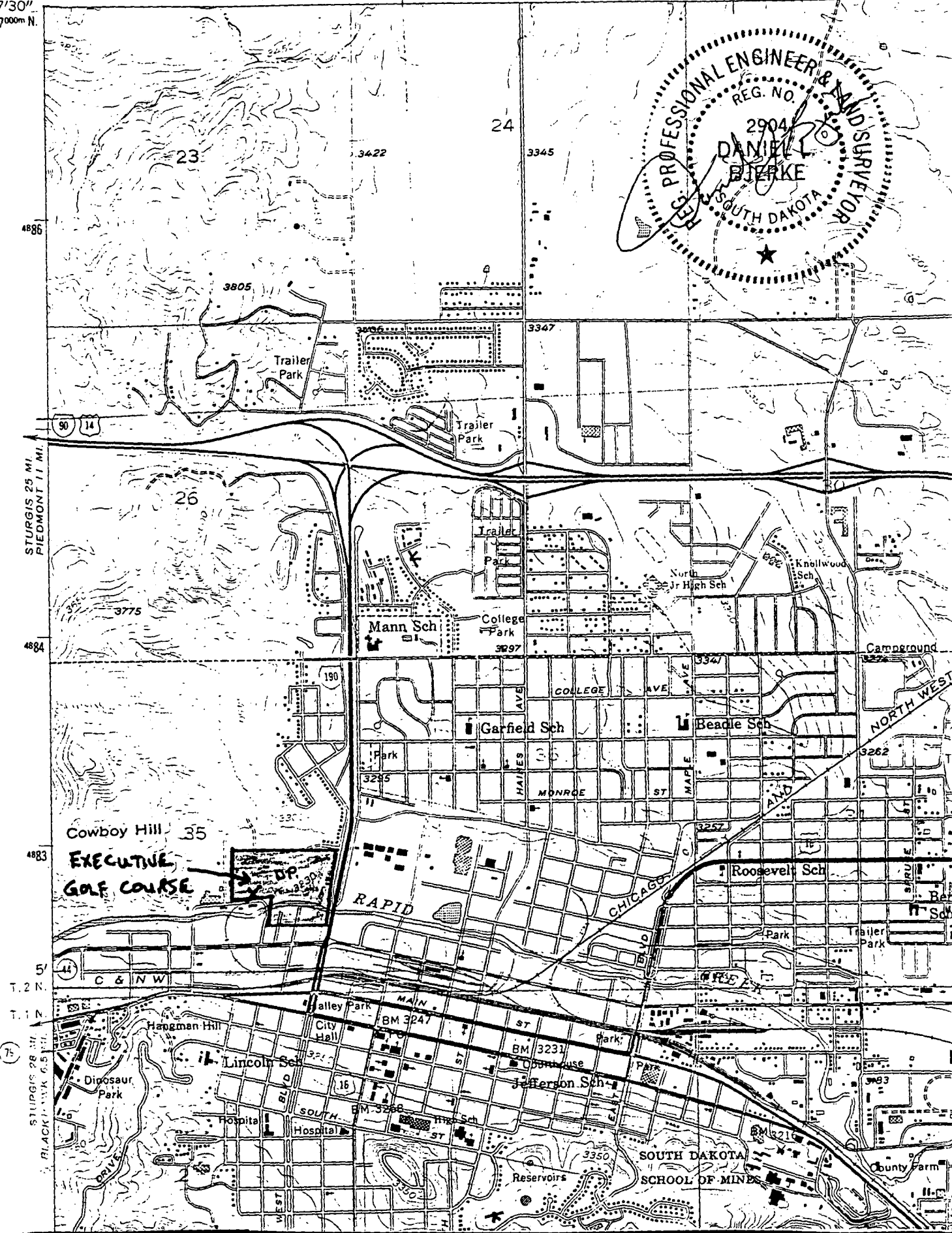
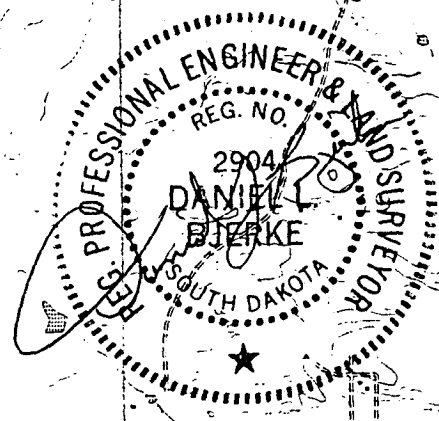
By John Hater
Chief Engineer
KS

572 III NE
(ACKHAWK)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

103°15' 641000m E 642 P 7 E. 643 12'30" R 8 E. 644

44°07'30"
4887000m N.



STURGIS 25 MI.
PIEDMONT 11 MI.

STURGIS 28 MI.
BLACK HAWK 6.5 MI.

Report on Water Permit Application No. 2277-2
City of Rapid City
May 10, 1993

Application No. 2277-2, City of Rapid City, proposes to place to beneficial use 1.34 cubic feet of water per second (cfs) with an annual limit of 53 acre-foot (ac-ft) from Rapid Creek for the irrigation of the Executive Golf Course. This water has already been reserved under Future Use Permit No. 1088-2, priority date of June 28, 1971. Water Permit No. 1911-2, priority June 28, 1971, authorizes the irrigation of 37 acres of the Executive Golf Course with a diversion rate of 0.1 cfs and an associated annual volume of 21 ac-ft. A July 15, 1992 inspection found that the golf course was capable of diverting water at a greater rate than and using a greater volume than the amount authorized. Water Permit No. 1931-2 authorizes the diversion of 0.10 cfs from Rapid Creek with the diversion point located in the SE1/4 SW1/4 of Section 35 to irrigate 37 acres located in the SE1/4 of Section 35, all in T2N-R7E. This application does not propose to change the number of acres irrigated nor the location of the diversion point. It does propose to bring the authorized annual volume of water diverted up to the statutory limitation of 2 ac-ft per irrigated acre.

Review of the Proposal

This application proposes to increase the diversion rate for the irrigation of 37 acres beyond the statutory limit of 1 cfs per 70 acres in a manner as specified in SDCL 46-5-6. To meet these specifications, the City of Rapid City will be limited in the amount of time they are allowed to pump from the creek during a 24 hour period. If approved, the total diversion rate allowed will be 1.44 cfs. At this diversion rate the City will have to limit the amount of pumping time to 8.8 hours each day. A meter should be installed at the pump site to monitor withdrawals from the creek, so that the 74 ac-ft volume limitation will be adhered to.

Review of Existing Water Rights

There are 72 existing water rights/permits located on Rapid Creek from Pactola Reservoir to the confluence with the Cheyenne River. Of these 46 water rights/permits appropriating 160.5 cfs are located downstream from the Executive Golf Course diversion point. There are 14 downstream water rights/permits appropriating 15.38 cfs having priority dates junior to the June 28, 1971 priority date. The availability of water for this application is through the City's utilization of the Deerfield and Pactola contracts with the US Bureau of Reclamation. Adverse effects caused by this application to existing water rights/permits are not expected.

Conclusions

1. This application proposes to increase the diversion rate for Executive Golf Course as authorized by Water Permit No. 1931-2

from 0.10 cfs by 1.34 cfs to a total diversion rate of 1.44 cfs.

2. This application also proposes to increase the annual volume limitation by 53 ac-ft to a total volume limitation of 74 ac-ft. This is within the statutory limit of 2 ac-ft per irrigated acre.
3. Water for this application has been reserved by Future Use Permit No. 1088-2, priority date of June 28, 1971.
4. If approved, the water remaining in reserve authorized by Future Use Permit No. 1088-2 should be reduced by 53 ac-ft.
5. Adverse effects on existing water rights are not expected.
5. If approved this permit should contain the following qualifications:

Approval of Permit No. 2277-2 limits the number of hours of irrigation per day to a corresponding equivalent time period as if irrigating at a rate of 0.53 cfs for 37 acres. At a pumping rate of 1.44 cfs, the pumping time may not exceed 8.8 hours. The total amount of water applied shall not exceed 2 acre-feet per acre per year.

A meter shall be installed at the pump site to monitor the volume of water pumped. The amount of water diverted shall be reported to the Chief Engineer, annually, on the irrigation water use questionnaire.


Mark D. Rath
Natural Resources Engineer III

Approved by,


Delvin D. Brosz
Natural Resources Engineer IV

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2277-2, City of Rapid City**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 2277-2, City of Rapid City, c/o Dan Bjerke, 300 6th Street, Rapid City, SD 57701.

The Chief Engineer is recommending DEFERRAL of Application No. 2277-2 to allow additional time for review of the application.

A handwritten signature in black ink, appearing to read "John Hatch", written in a cursive style.

for JOHN HATCH, Chief Engineer
May 20, 1993

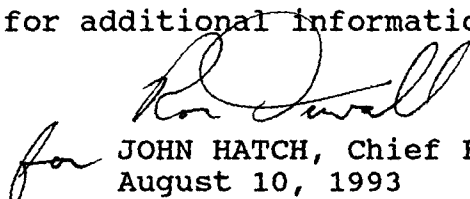
REVISED RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2277-2, City of Rapid City

Pursuant to SDCL 46-2A-2, the following is the revised recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 2277-2, City of Rapid City, c/o Dan Bjerke, 300 6th Street, Rapid City, SD 57701.

The Chief Engineer is recommending APPROVAL of Application No. 2277-2 because 1) the proposed diversion has been developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) in the public interest with the following qualifications:

1. Low flows as needed for downstream domestic use, including livestock water and prior water rights must be by-passed.
2. Approval of Permit No. 2277-2 limits the number of hours of irrigation per day to a corresponding equivalent time period as if irrigating at a rate of 0.53 cfs for 37 acres. At a pumping rate of 1.44 cfs, the pumping time may not exceed 8.8 hours. The total amount of water applied shall not exceed 2 acre-feet per acre per year.
3. A meter shall be installed at the pump site to monitor the volume of water pumped. The amount of water diverted shall be reported to the Chief Engineer, annually, on the irrigation water use questionnaire.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.


for JOHN HATCH, Chief Engineer
August 10, 1993



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

August 12, 1993

Dan Bjerke, Utility Manager
City of Rapid City
300 6th Street
Rapid City, SD 57701

Dear Mr. Bjerke:

Water Permit Application Nos. 2270-2, 2274-2 and 2277-2 for municipal uses have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Rapid City Journal printed at Rapid City, SD (Ph # 394-8300). For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the applications.

Sincerely,

Eric Gronlund
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendations, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the applications.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 12, 1993

Rapid City Journal
PO Box 450
Rapid City, SD 57709-0450

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application Nos. 2270-2, 2274-2 and 2277-2 to be published twice. Please publish the first notice on August 26, 1993, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is the City of Rapid City, 300 6th Street, Rapid City, SD 57701 (Ph # 394-4165).

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

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

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

No. _____

Date _____

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

Name

Newspaper

Instruction to Newspaper - Publish first Notice on August 26, 1993, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application Nos. 2270-2, 2274-2 and 2277-2

Notice is given that the City of Rapid City, 300 6th Street, Rapid City, SD 57701 has filed applications for water permits.

Water Permit Application No. 2270-2 proposes to increase the authorized diversion rate from Jackson Springs Gallery by 2.71 cubic feet of water per second (cfs) [1,177 acre-feet of water annually] by placing to beneficial use water reserved by Future Use Permit No. 439-2. Vested Water Right No. 432-2 currently appropriates 7.75 cfs of water from Jackson Spring Gallery located in the NW 1/4 SE 1/4 Section 8-T1N-R7E. The Jackson Springs Gallery has been developed for 10.46 cfs. The 2.71 cfs (1,177 acre-feet of water annually) proposed water was appropriated and reserved by Future Use Permit No. 439-2. Permit No. 439-2 reserves 5,539 acre-feet of water annually from groundwater, infiltration galleries and Minnelusa and Madison Formation wells located along Rapid Creek in the SE 1/4 NE 1/4 Section 9, NW 1/4 SE 1/4 Section 8, and the SW 1/4 SW 1/4 Section 3; all in T1N-R7E for municipal use with a priority date of September 22, 1956.

Water Permit Application No. 2274-2 proposes to transfer the diversion authority for 0.78 cfs from Vested Water Right No. 437-2 to Water Permit No. 2138-2. Vested Water Right No. 437-2 appropriates 0.78 cfs from City Springs Gallery (on Lime Creek) located in the SE 1/4 NE 1/4 Section 32-T2N-R7E. Water Permit No. 2138-2 authorized placement to beneficial use of 12.38 cfs from Rapid Creek at the city treatment plant located in the SE 1/4 NE 1/4 Section 3-T1N-R7E. This application, if approved, will change the diversion site from City Springs Gallery to the treatment plant.

Water Permit Application No. 2277-2 proposes to place to beneficial use 1.34 cfs with an annual limit of 53 acre-feet from Rapid Creek for the irrigation of the Executive Golf Course. This water has been reserved under Future Use Permit No. 1088-2 with a priority date of June 28, 1971. Water Permit No. 1911-2 has a priority date of June 28, 1971, and authorizes the irrigation of 37 acres of the Executive Golf Course with a diversion rate of 0.1 cfs and an associated annual volume of 21 acre-feet. A July 15, 1992, inspection found that the golf course was capable of diverting water at a greater rate than and using a greater volume than the amount authorized. Water Permit No. 1931-2 authorizes the diversion of 0.10 cfs from Rapid Creek with the diversion point located in the SE 1/4 SW 1/4 of Section 35 to irrigate 37 acres located in the SE 1/4 of Section 35; all in T2N-R7E. This application does not propose to change the number of acres irrigated nor the location of the diversion point. It does propose to bring the authorized annual volume of water diverted up to the statutory limitation of 2 acre-feet per irrigated acre.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 2270-2, 2274-2 and 2277-2 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest.

Any person interested in opposing or supporting these applications must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 22, 1993. The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

The Water Management Board will consider this application at 10:00 a.m., December 1, 1993, Floyd Matthew Training Center, Joe Foss Building, 523 East Capitol, Pierre, SD. The Chief Engineer's recommendations are not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this applications based on the facts presented at the public hearing. The December 1, 1993, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the applications. The request for an automatic delay must be filed by November 22, 1993.

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

and State Supreme Court as provided by law. Contact Eric Gronlund by November 22, 1993, at the above Water Rights Division address to request copies of information pertaining to these applications, to assure access to the hearing by the handicapped or to obtain an interpreter for the hearing impaired.

These applications are made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-20, 46-2A-21; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; 74:02:01:24 thru 74:02:01:25. Robert E. Roberts, Secretary, Department of Environment and Natural Resources.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Pennington) ss

I, Helena M. Bauer

certify that the attached printed Notice was

taken from the _____

Rapid City Journal

printed and published in Rapid City

County of Pennington and State of

South Dakota. The notice was published in the newspaper on the following two dates:

August 26, 1993

Sept 2, 1993

Cost of Printing: 16 inches run 2 times

@ 5.10 per inch \$163.20

Rapid City Journal
Helena M. Bauer
(Signature)

Bookkeeper
(Title)

September 2, 1993
(Date Signed)

Aug. 26, Sept. 2

L1555

NOTICE OF HEARING ON APPLICATION

NOS. 2270-2, 2274-2 and 2277-2
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verted up to the statutory limitation of 2 acre-feet per irrigated acre.

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Robert E. Roberts
Secretary
Department of Environment
& Natural Resources





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 12, 1993

Jerry Hammerquist
Rapid Valley Water Conservancy District
Box 26
Caputa, SD 57725

Dear Mr. Hammerquist:

This letter is in reference to three City of Rapid City Rapid Creek water permit applications the City has submitted. These applications are the result of inspections I made for all of the City's water permits and licensed water rights. At that time I found some of the works were not developed as they had been permitted. The City filed these applications to bring the existing systems into compliance. I am enclosing the reports for these applications and the Chief Engineer's recommendations. These should explain what the City is proposing to do in each case. If you have any questions concerning these, please feel free to contact me.

Sincerely,

Mark D Rath
Natural Resources Engineer
Water Rights Division
(605) 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

FEB 1 1994

Dan Bjerke, Utility Manager
City of Rapid City
300 6th Street
Rapid City, SD 57701

Dear Mr. Bjerke:

Enclosed are Water Permit Nos. 2270-2, 2274-2, 2277-2 authorizing your water diversion systems and beneficial uses of the water, not exceeding the limits as specified in the Water Permits.

The final inspections have been completed on these Permits, and we are ready to issue the Water Licenses. Statutes require we charge \$50 for each Permit (\$150.00) for the inspection and issuance of the final papers. Upon receipt of this amount the Water Licenses will be sent to you.

Very truly yours,

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

enclosures

RECEIPT

414081

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____

March 9, 19 94

RECEIVED OF City of Rapid City Finance Office, 300 Sixth Street, Rapid City, SD 57701
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 _____

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. 2277-2

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

50 00

50 00

By

John Hetch (C)
Chief Engineer

Permit Nos. 2277-2 & 1931-2
Upper Chenne River - Water District

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

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

On July 13, 1992 I made a thorough examination of the water use system constructed by the City of Rapid City of 300 6th St. holder of Permit Nos. 2277-2 and 1931-2, bearing the priority of June 28, 1971 authorizing the diversion of 1.44 cu. ft. per second of the waters of surface water from Rapid Creek 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:

Water is diverted from Rapid Creek into a flow through pond and back to the creek. Three pumps with a combined capacity of 1.44 cfs (650 gpm) divert from the pond.

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

Buried 1 and 3 inch PVC pipe.

C. Works used to apply water to beneficial use:

A series of popup sprinklers.

The system is in the following condition good. The point of diversion is located SE1/4 SW1/4 of Section 35 T2N-R7E. The works are capable of diverting and conveying to the place of use 1.44 cu. ft. per second of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

All land located in Section 35 T2N-R7E

<u>NW1/4 SE1/4 - 13 ac</u>	<u>NE1/4 SE1/4 - 18 ac</u>
<u>SE1/4 SE1/4 - 5 ac</u>	<u>SW1/4 SE1/4 - 1 ac</u>

comprising a total of 37 acres of land and the license should be issued for 1.44 cfs.

Applicable permit qualifications have been complied with: Yes ☒ No

Exceptions to compliance are: none Date: 12/30/93



Mark D. Rath
Natural Resources Engineer
DENR, Water Rights Division

REPORT ON INSPECTION OF PERMIT NOS. 2277-2 & 1931-2

DATE OF INSPECTION: 7/13/1992

DIVERSION POINT LEGAL LOCATION: SE1/4 SW1/4 Section 35-T2N-R7E

Pump:

- 1) Make Syncroflo
- 2) Model S604
- 3) Size
- 4) Capacity 250 GPM

Motor:

- 1) Make US Electrical
- 2) Model No. 256TC
- 3) Horsepower rating 20 hp

Pump:

- 1) Make Syncroflo
- 2) Model S604
- 3) Size
- 4) Capacity 250 GPM

Motor:

- 1) Make US Electrical
- 2) Model No. 256TC
- 3) Horsepower rating 20 hp

Pump:

- 1) Make Grundfos
- 2) Model CR30U4
- 3) Size
- 4) Capacity 150 GPM

Motor:

- 1) Make US Electrical
- 2) Model No.
- 3) Horsepower rating 15 hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC
- 2) Size 3 and 1 inches
- 3) Length feet

SYSTEM TYPE:

Popup sprinklers

CHEMIGATION EQUIPMENT:

- 1) Does chemigate N

PERMIT QUALIFICATIONS AND REGULATIONS:

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

SECTION 35, T2N,
R7E, B4M
PENNINGTON COUNTY
SOUTH DAKOTA

35

— Golf Course
Boundaries

238'

LOT A

1

W.

CHICAGO ST.

13ac

TRACT

18ac

WEST

PHILADELPHIA ST.

1

2

RU

5-1-B

TRACT

17

26°20'

130'

DIVERSION POINT

2770

OMAHA

ERSIDE ADD.

TWELFTH ST.

18B

18A

18

18A

18

18A

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15R

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Mark D Rath
Natural Resources Engineer
Division of Water Rights
Date 9/15/92

Water License No.
2277-2

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2277-2

(1) The City of Rapid City, of 300 6th St, Rapid City, SD 57701 made Application No. 2277-2, March 24, 1993 for a water permit to appropriate 1.34 cubic feet of water per second (with an annual limit of 53 acre feet) from Rapid Creek, Pennington County, South Dakota for irrigation purposes. Permit No. 2277-2, with a priority date of June 28, 1971 (established under Future Use Permit No. 1088-2) was approved December 1, 1993 and issued to the applicant for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

Water Permit No. 1931-2 authorizes irrigation of 37 acres of the Executive Golf Course with a diversion rate of 0.10 cfs and an annual volume of 21 acre-feet. A July 15, 1992 inspection found the golf course capable of diverting water at a greater rate and using a greater volume of water than authorized. Approval of No. 2277-2 did not change the number of acres irrigated, however it brought the annual volume of water diverted up to the statutory limitation of 2 acre feet per acre irrigated.

The applicable portions of Water Permit No. 1931-2 have been incorporated into this Water License No. 2277-2.

(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 1.44 cubic feet of water per second for beneficial use. The location of the diversion point is 2770 feet west and 1130 feet north of the SE corner of Section 35, T2N, R7E (SE $\frac{1}{4}$ SW $\frac{1}{4}$).

(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, R7E Section 35

NW $\frac{1}{4}$ SE $\frac{1}{4}$ 13 acres

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 5 acres

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 18 acres

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 1 acre

Total 37 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 the City of Rapid City of 300 6th St, Rapid City, SD 57701 the holder and/or owner of Incorporated Water Permit No. 2277-2 is issued a license to appropriate water, the right to use 1.44 cubic feet of water per second from Rapid Creek with a priority date of June 28, 1971 from the location specified in (2) of this license. The water 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 Incorporated Water Permit No. 2277-2 and subject to South Dakota State Law.


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

NOV 14 1994
date



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 14 1994

2277-2

Dan Bjerke, Utility Manager
City of Rapid City
300 6th Street
Rapid City, SD 57701

Dear Mr. Bjerke:

Enclosed is Water License No. 2277-2 and Receipt No. 414081 for \$50.00 which was assessed for an inspection and issuance of the license. Water License No. 2277-2 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

gm
enclosures

NOTE: The applicable portions of Water Permit No. 1931-2 have been incorporated into this Water License No. 2277-2.