

WATER PERMIT NO. 6157-3

Name of Applicant: Sioux Falls Parks Dept.

Address: 600 East 7th St, Sioux Falls SD 57104

Phone: 605 367-7060

Amount of Water Claimed: 0.37 Total Acres: 19

Source of Water Supply: groundwater

Water to be used for: irrigation County: Minnehaha

Type of Waste Disposal System: NA

Location:

PRIORITY Date Received: 11-24-99

Fee: \$150

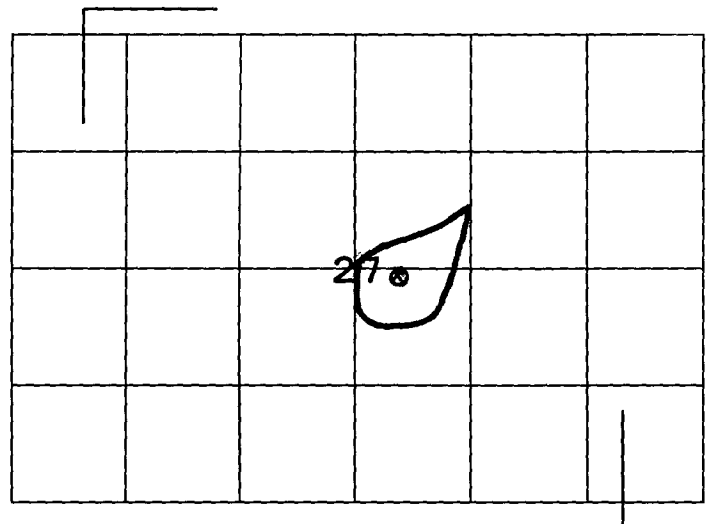
Corrected Application Received: 12-06-99

Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: NW ¼ SE ¼ Sec 27-T101N-R49W

Land to be Irrigated: SW ¼ NE ¼ and
NW ¼ SE ¼ Sec 27-T101N-R49W



Depth of Well: 27 feet

Well Driller: Lacey Well Drilling

Remarks:

Type of Map: topo

Prepared by: Jon R Brown, PE

Reviewed and the Number Assigned on: 12-6-99

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 6157-3

Date of first receipt of application November 24, 1999.

Date of return to applicant for corrections, amendments or changes November 29, 1999.

Date of receipt of corrected application December 6, 1999.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6157-3 to Sioux Falls Parks Department, c/o Dave Fischer, 600 East 7th St, Sioux Falls SD 57104-6913 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. 6157-3 appropriates 0.37 cubic feet of water per second from one well (Big Sioux:South) 27 feet deep located in the NW ¼ SE ¼ Section 27 to irrigate 19 acres in the Pasley Park area located in portions of NW ¼ SE ¼ and SW ¼ NE ¼ (Lot 3, High Pointe Addition) Section 27; all in T101N-R49W.
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: April 1 – October 31.
3. The date from which applicant may claim right is November 24, 1999.
4. The date of approval of Permit No. 6157-3 is January 24, 2000.
5. One-fifth of the construction is to be completed on or before July 24, 2002.
6. All construction is to be completed on or before January 24, 2005.
7. Water is to be put to beneficial use on or before January 24, 2009.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6157-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6, Permit No. 6157-3 authorizes a maximum diversion rate of 0.37 cfs and 2 acre-feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Garland Erberle
Garland Erberle, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

FEB 22 2000

date



(See instructions)

No. 6157-3 Hydrologic Unit 10170203
Basin Sioux River
Newspaper Argus Leader, Sioux Falls, SD

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

Type of Application: ☒ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☐ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____

- Name of Applicant Mr. Dave Fischer - Sioux Falls Parks Dept. Phone No. 367-7060
Post Office Address 600 East 7th Street Sioux Falls, State South Dakota
(Street, RR or Box) (City) Zip Code
- Amount of water claimed (c.f.s) 0.37 Total acres irrigated 19.0 57104-6913
- Source of Water supply Well - Big Sioux Aquifer
- Location of point of diversion Lot 3, High Pointe Addition to the City of Sioux Falls
(See attached site plan) NW 1/4 SE 1/4 Sec. 27-T101N-R49W
County Minnehaha
- Counties where water will be used Minnehaha
- Annual period during which water is to be used April - October 31
- 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.
Lot 3, High Pointe Addn.	19 acres
Portions of SW 1/4 NE 1/4	
and NW 1/4 SE 1/4	
Sec. 27-T101N-R49W	

Land Description	No. Acres Irr.

Attach sheet if more space is needed

- Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: _____ Gun: _____ Other: _____ (Specify) sprinkler
- Crops to be Irrigated: grass
- Give a description of proposed project. (Attach sheet if more space is needed)

This project generally consist of the irrigation of Pasley Park. The attached drawing illustrates the area's to be irrigated and the location of the proposed well.

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

STATE OF SOUTH DAKOTA)
County of MINNEHAHA) ss

I, Dave Fischer, 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 truly representative of the water to be used, and that the matters stated in this application are true and correct.

DEE KORTHALS

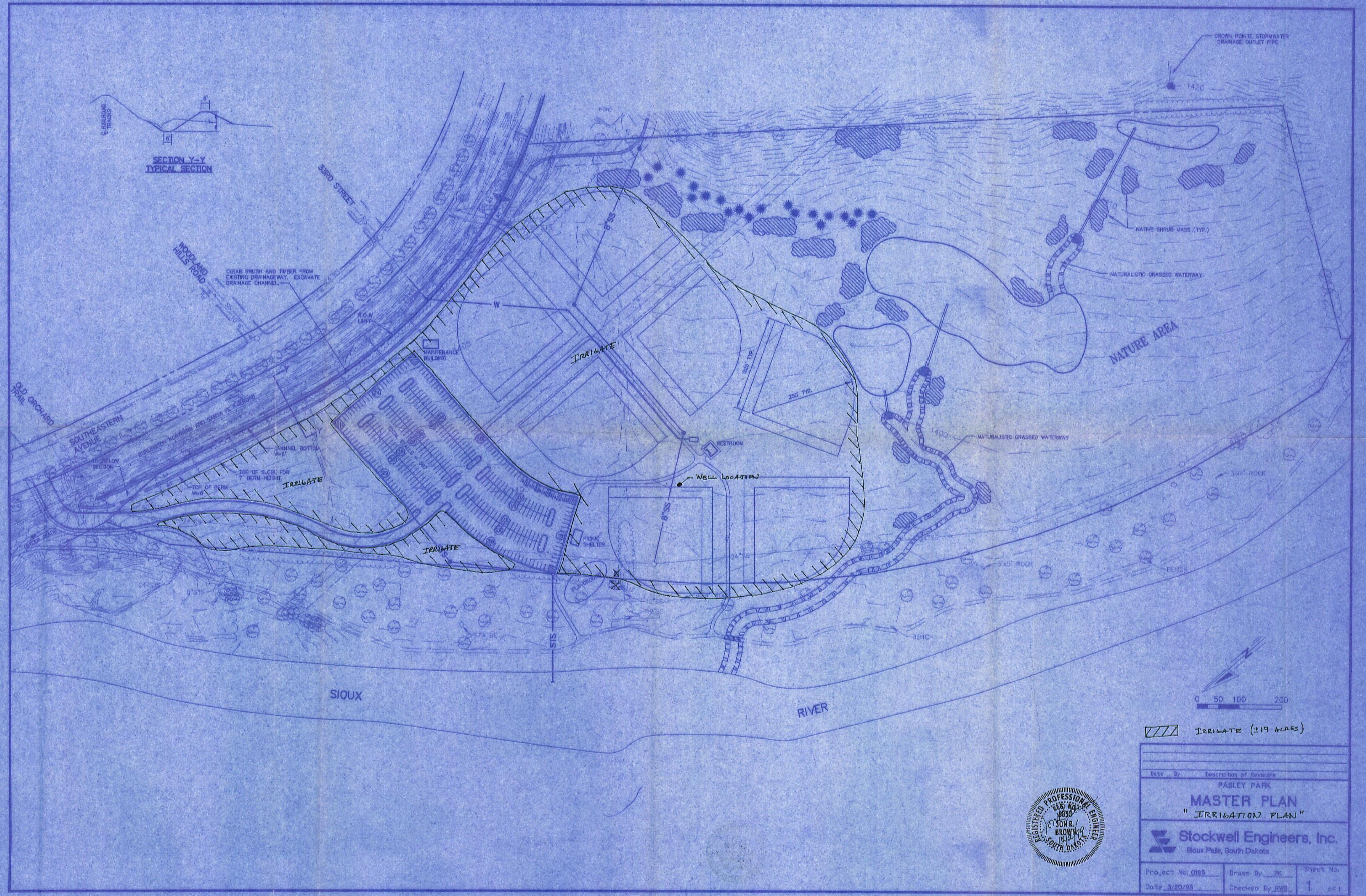
NOTARY PUBLIC
SOUTH DAKOTA

Signed

Subscribed and sworn to before me this 17th day of November 19 99

Notary Public





/// IRRIGATE (±19 ACRES)

Date By Description of Revisions		
PABLEY PARK		
MASTER PLAN		
"IRRIGATION PLAN"		
Stockwell Engineers, Inc.		
Sioux Falls, South Dakota		
Project No. 0195	Drawn By: PK	Sheet No.
Date 3/20/98	Checked By: RWS	1 of 1

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 20" Depth 27' to Granit
- b) Casing Type Steel Diameter 12" Thickness 3/8"
- c) Screen Type Stainless Steel Diameter 12" Thickness 3/8"
- d) Gravel Pack Thickness 3" Length of Gravel Pack 10' - 11'
- e) Depth to Top of Water Bearing Material 11'
- f) Depth to Water (ground surface to water level) 27'
- g) Distance to nearest existing domestic well: unknown
- On applicants property _____ On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

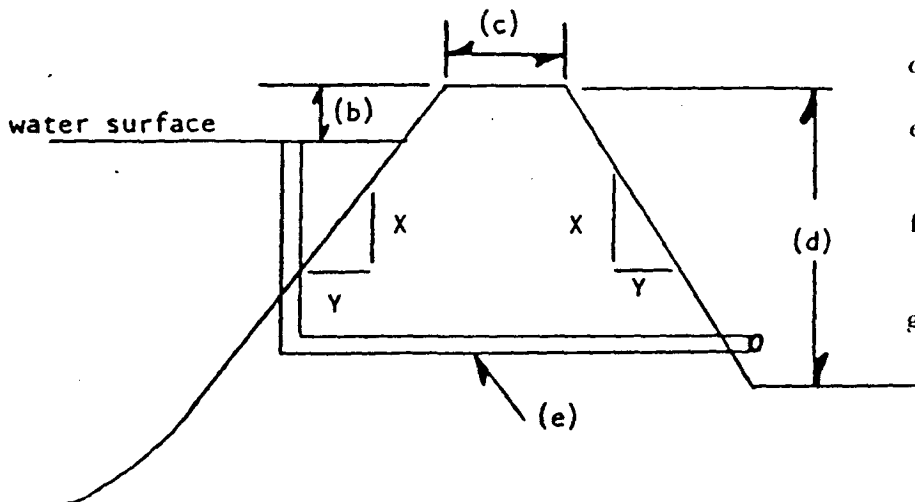
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

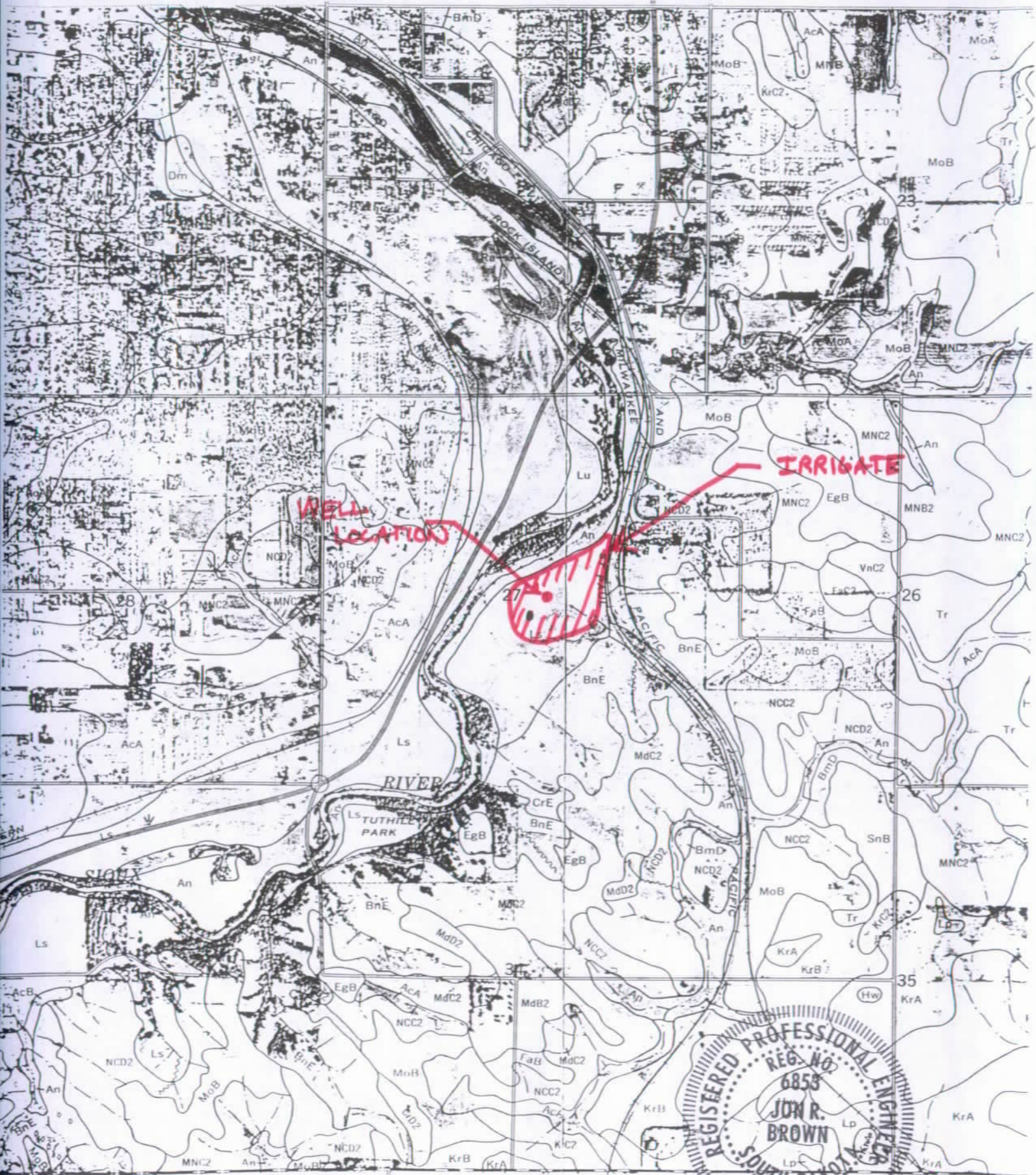
Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

R. 49 W.





SIoux FALLS UTILITIES - WATER DIVISION
PURIFICATION PLANT LABORATORY
2100 North Minnesota Avenue
Sioux Falls, South Dakota 57104
(605) 339-7025

BILLING INFORMATION

Amount Paid \$
Check # or Cash N/C
Date
Rec'd By

FILL IN NAME AND ADDRESS OF PERSON TO RECEIVE REPORT

Name Harry Weires Street 600 E 7th Street / Park Dept
City Sioux Falls Zip Code 57103-1338 Phone 367-7060
Sample Collector hacey Sample Location test irrig. well
Date Collected 10/13/99 Time 10 AM Sample ID
Sample: Water ☒ Wastewater ☐ Sludge ☐ Soil ☐
Sample Type: Grab ☒ Composite ☐
Preservative: No ☐ Yes ☐ Specify
Sample Collector's Comments: Pasley Park Project

CHAIN OF CUSTODY RECORD

SAMPLE TRANSFER
Relinquished by: Received by: R. Hansen Date: 10/14/99 Time: 9:50 AM
Relinquished by: Received by: Date: Time:
Relinquished by: Received by: Date: Time:

SAMPLE SHIPPING

Dispatched by: Date: Time: Destination: Shipped Via:

LABORATORY HANDLING

Received in lab by: T. Hall Date: 10-15-99 Time: 8:00 AM Condition of Sample: OK
Laboratory ID Number: 101599 P-1 Date Reported: 10-26-99 Reported by: T. Hall

PLEASE CHECK PARAMETERS REQUIRED BELOW

Parameter	Method	Max. Limit Drinking Water	Detection Limit	Results	Analyst	Date	Parameter	Method	Sugg. Limit Drinking Water	Detection Limit	Results	Analyst	Date
Antimony (Sb)		0.006 mg/L					pH	<u>4500 HT</u>	6.5-8.5	1-14	7.50	<u>TD</u>	10/15
Arsenic (As)		0.050 mg/L					Alkalinity (m)(CaCO ₃)	<u>2320</u>	mg/L	2	284	<u>TD</u>	10/15
Barium (Ba)		2.00 mg/L					Alkalinity (p)(CaCO ₃)		mg/L				
Beryllium (Be)		0.004 mg/L					Total Hardness (CaCO ₃)	<u>2340</u>	mg/L	2	421	<u>TD</u>	10/15
Cadmium (Cd)		0.005 mg/L					Calcium (CaCO ₃)	<u>3500 calc</u>	mg/L	2	316	<u>TD</u>	10/15
Chromium (Cr)		0.100 mg/L					Magnesium (CaCO ₃)	<u>calc</u>	mg/L	2	105	<u>TD</u>	10/15
Copper (Cu)		* 1.30 mg/L					Total Diss. Solids (TDS)	<u>probe</u>	500 mg/L	—	594	<u>TD</u>	10/15
Lead (Pb)		* 0.015 mg/L					Langelier Index						
Mercury (Hg)		0.002 mg/L					Iron (Fe)	<u>3111</u>	0.3 mg/L	0.004	1.28	<u>JL</u>	10/15
Nickel (Ni)		0.100 mg/L					Manganese (Mn)	<u>3111</u>	0.05 mg/L	0.002	0.07	<u>JL</u>	10/15
Selenium (Se)		0.050 mg/L					Silver (Ag)		0.10 mg/L				
Thallium (Tl)		0.002 mg/L					Zinc (Zn)		5.00 mg/L				
Fluoride (F)		4.00 mg/L					Bromate (BrO ₃)		mg/L				
Nitrate (NO ₃ -N)	<u>4110</u>	10.00 mg/L	<u>0.004</u>	<u>5.81</u>	<u>TD</u>	<u>10/15</u>	Bromide (Br)		mg/L				
Nitrite (NO ₂ -N)	<u>4110</u>	1.00 mg/L	<u>0.002</u>	<u>BDL</u>	<u>TD</u>	<u>10/15</u>	Chlorate (ClO ₃)		mg/L				
Total Nitrate+Nitrite (as N)		10.00 mg/L					Chlorite (ClO ₂)		mg/L				
Turbidity		NTU					Phosphate-Ortho (PO ₄)		mg/L				
		mg/L					Phosphate-Total (PO ₄)		mg/L				
		mg/L					Sulfate (SO ₄)	<u>4110</u>	mg/L	<u>0.5</u>	<u>93</u>	<u>TD</u>	10/15
		mg/L					Ammonia-Free (NH ₃ -N)		mg/L				
		mg/L					Ammonia-Total (NH ₃ -N)		mg/L				
							Ammonium (NH ₄)		mg/L				
							Lithium (Li)		mg/L				
							Potassium (K)		mg/L				
							Sodium (Na)	<u>3111</u>	mg/L	<u>2</u>	<u>48.0</u>	<u>TD</u>	10/26
							Chloride (Cl)	<u>4110</u>	250 mg/L	<u>0.05</u>	<u>62.9</u>	<u>TD</u>	10/15

Lab Comments:

BDL = Below Detection Limits

* = Action Level

() Nitrate content not of concern.

() High Nitrate. Do not use for infants under 6 months of age.

In Water Since 1946

LACEY WELL DRILLING

Wells — Pumps
Dewatering Work
Test Drilling

RR 1 - Box 24
Dell Rapids, South Dakota 57022
Telephone (605) 428-5979

Down-Hole Camera
Water Specialists
Irrigation Supplies

Test hole

12-2-99

Sioux Falls Park Dept.
Sioux Falls, So. Dak.

Drilled 10-22-99

0-10 Till

10-27 Coarse Gravel

27' Rock

SWL-12'



pumped w/ 2" pump - Tested flow to be
150-200 GPM.

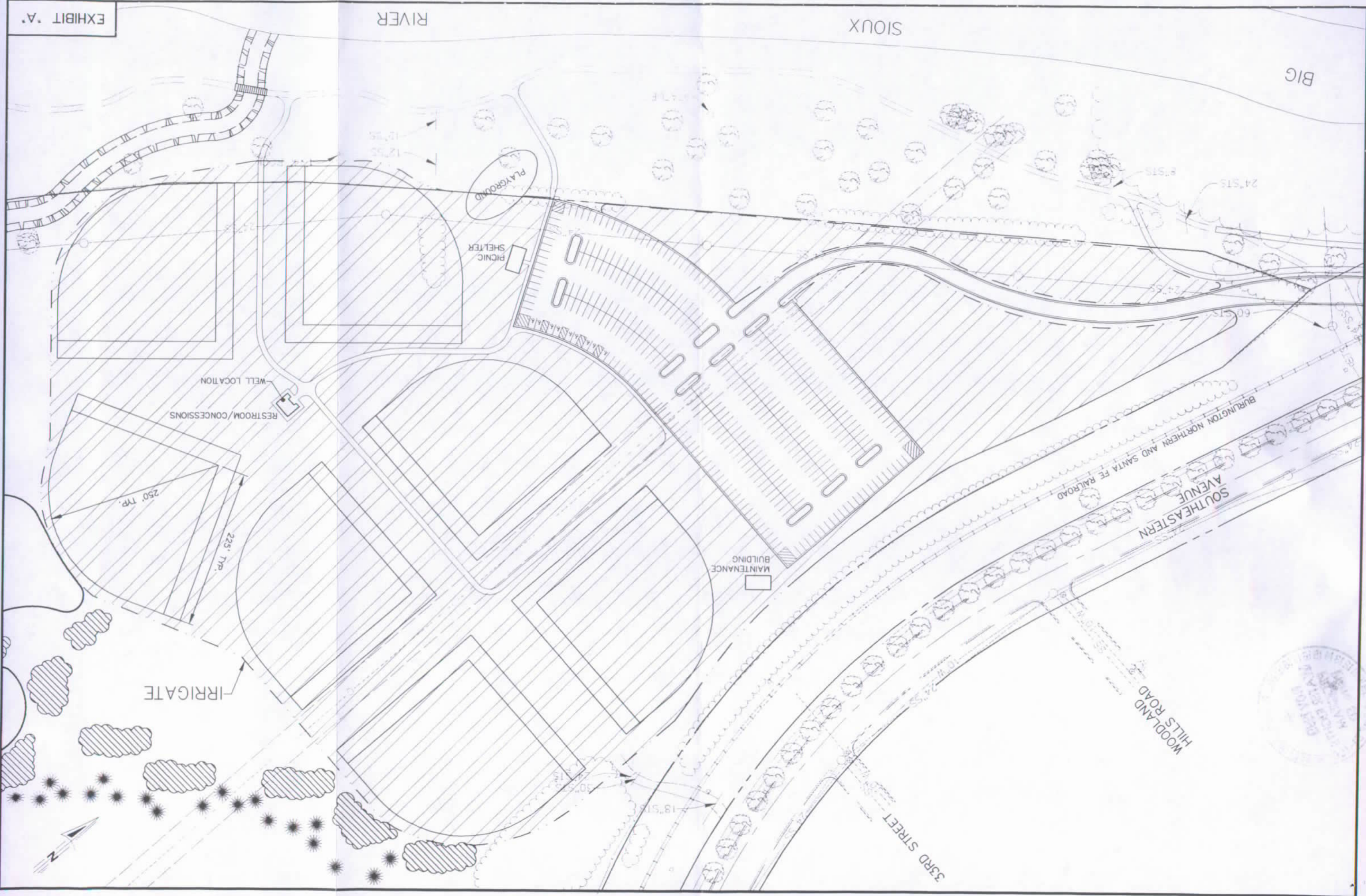
Drilled under Lic. Number III - Lacey Well Drilling

Joan Redden-Lacey

6157-3 07-92

Date: 5-17-00





RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

№ 416275

Pierre, November 24, 1999

RECEIVED OF City of Sioux Falls, 224 W. 9th St., Sioux Falls, SD 57104-6407
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6157-3</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. <u>6157-3</u> _____	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	200 00

By John Hatch
Chief Engineer



Stockwell Engineers, Inc.

211 East 14th Street • Suite 200 • Sioux Falls, South Dakota 57102
Telephone (605) 338-6668

November 9, 1999

Mr. Gayle Selcon
DWNR
Water Rights Division
Joe Foss Building
523 East Capital
Pierre, SD 57501



Re: Pasley Park Permit to Appropriate Water
Sioux Falls, South Dakota

Dear Mr. Selcon:

Attached please find two copies of the permit application to appropriate water for Pasley Park Irrigation Project. We have also included copies of the water analysis, site plan and soils information requested. The \$150.00 fee for the first 60 acres and the inspection fee of \$50.00 dollars are also enclosed.

Please do not hesitate to call if you have additional questions or concerns regarding this application.

Very Truly Yours,

STOCKWELL ENGINEERS, INC.

Jon Brown, P.E.

Enclosures

cc. Mr. Dave Fischer – Sioux Falls Parks & Recreation Department
Mr. Larry Weires - Sioux Falls Parks & Recreation Department



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

November 29, 1999

Jon Brown
Stockwell Engineers, Inc.
211 E 14th St
Suite 200
Sioux Falls SD 57102

RE: Water Permit Application for Sioux Falls Parks Department

Dear Mr. Brown:

Thank you for submitting the *Application for a Permit to Appropriate Water* for the Sioux Falls Parks Department. In order to complete the application the following is required.

Enclosed is the topographic map submitted with the application. Please outline the general area of the 19 acres to be irrigated. I am assuming the red dot on the map is the location of the well. Is this correct? The map must be signed by one of the following: Registered Land Surveyor, Registered Professional Engineer or by any other government employee who normally prepares maps as a part of his assigned duties.

A well log or test hole log signed by a South Dakota licensed well driller must accompany the application. I have reviewed our files and cannot find that Lacey Well Drilling has submitted a well log.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352

enclosure



Stockwell Engineers, Inc.

211 East 14th Street • Suite 200 • Sioux Falls, South Dakota 57104-6913

Telephone (605) 338-6668 • Fax (605) 338-8750

December 2, 1999

Karen Schlaak
Water Rights Program
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181



Re: Water Permit Application for Sioux Falls Parks Department
Pasley Park

Dear Karen:

Enclosed please find the information requested in your letter dated November 29, 1999, regarding the mentioned permit. The attached items are as follows.

1. Test Hole Log – Submitted by Lacey Well Drilling
2. Map – Area to be Irrigated and Well location (Approximate)

Please do not hesitate to call if you have addition questions or need additional information.

Very Truly Yours,

STOCKWELL ENGINEERS, INC.

Jon Brown, P.E.

Enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

December 28, 1999

Argus Leader
P.O. Box 5034
Sioux Falls, SD 57117-5034

ATTENTION: Legal Public Notice

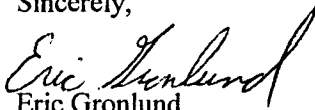
Enclosed is a Notice of Hearing on Application No. 6157-3 to Appropriate Water to be published twice. Please publish the first notice on January 5, 2000, with the second publication 7 days later.

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 Sioux Falls Parks Department, %Dave Fischer, 600 East 7th St., Sioux Falls, SD 57104 (Ph # (605) 367-7060).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CU T HERE-----

No. 6157-3

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

Date _____

We are in receipt of your letter of December 28, 1999, enclosing Notice of Hearing to Appropriate Water by Application No. 6157-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

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

December 28, 1999

Sioux Falls Parks Department
%Dave Fischer
600 East 7th St.
Sioux Falls, SD 57104

Dear Mr. Fischer:

Water Permit Application No. 6157-3 for irrigation use has 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 Argus Leader printed at Sioux Falls, SD (Ph # (605) 331-2200). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application 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 application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, 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 application.

REPORT ON WATER PERMIT APPLICATION NO. 6157-3
for Sioux Falls Parks Department
December 22, 1999

Application No. 6157-3 proposes to appropriate 0.37 cfs (166 gpm) from one well approximately 27 feet deep located in the NW 1/4 SE 1/4 of Section 27 to irrigate 19 acres located in portions of the NW 1/4 SE 1/4, and SW 1/4 NE 1/4 (Lot 3, High Pointe Addition) of Section 27; all in T101N-R49W in Minnehaha County.

AQUIFER - BIG SIOUX SOUTH (BS-S)

The Big Sioux South is a surficial outwash (sand and gravel) which is under water table conditions in this area. The aquifer is hydraulically connected to the Big Sioux River, the Big Sioux-Sioux Falls aquifer to the north, the Big Sioux-Southern Skunk Creek aquifer to the northwest and the Sioux Quartzite which directly underlies the Big Sioux aquifer at this site. The Big Sioux South aquifer underlies 17,200 acres and contains an estimated 20,640 acre feet of recoverable water in storage in Minnehaha County (Hedges, 1982). The entire Big Sioux aquifer underlies 68 square miles and contains 190,000 acre feet of water in storage in Minnehaha County (Niehus, 1994). Test well information filed with the application indicates coarse gravel from 10 to 27 feet below land surface with a static water level of 12 feet below land surface. The driller reported the test well produced 150 to 200 gpm.

The Water Rights Program does monitor observation wells completed into the Big Sioux South aquifer in this area. MA-57I is located about 5 miles northwest (upstream) and MA-80AA is located about 4 miles northeast (downstream) of this application. Water levels for these wells show good correlation with climatic conditions, that is, rising water levels during wet years and gradually declining water levels during dry years. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 1999).

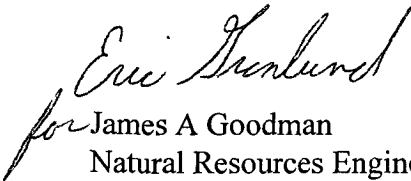
REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing permit for water from the Big Sioux aquifer is No. 5605-3 which is located about two miles southwest of this application. That permit is also for the City of Sioux Falls for irrigation of a similar type project. Interference is not a concern. Drawdown created by pumping will not be significant from these diversions nor extend the distance between the diversions.

CONCLUSIONS

1. Water is available from the Big Sioux South aquifer.
2. Interference is not a concern. These are shallow, water table wells. Drawdown created by pumping is not significant nor does it extend very far from the individual production wells.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.

4. This application requests a greater diversion rate than would be allowed for irrigation by statute. This is an acceptable request for turf areas but would still be limited to 38 acre-feet per year.


for James A Goodman
Natural Resources Engineer

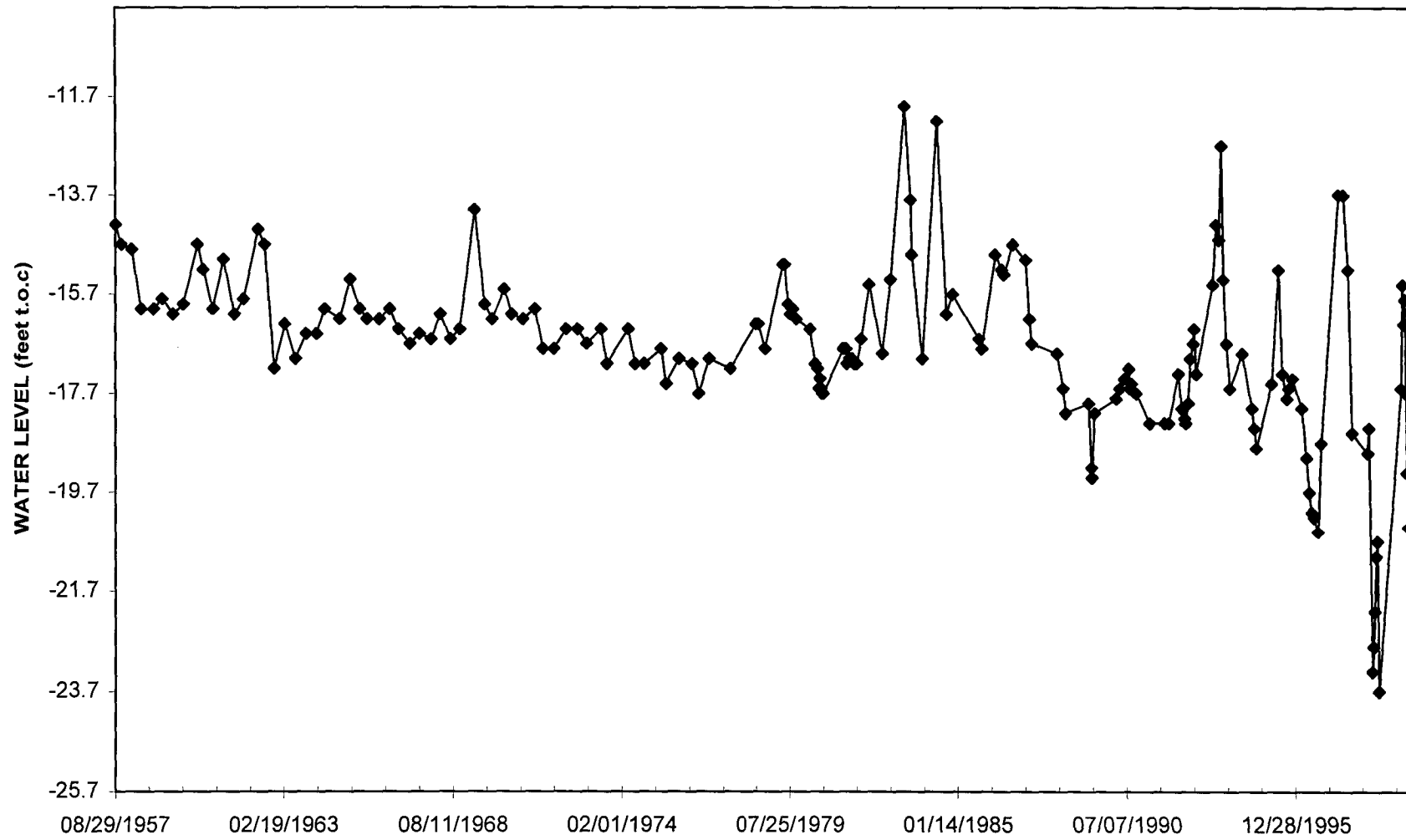
BIBLIOGRAPHY

Hedges, L.S., etal, 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

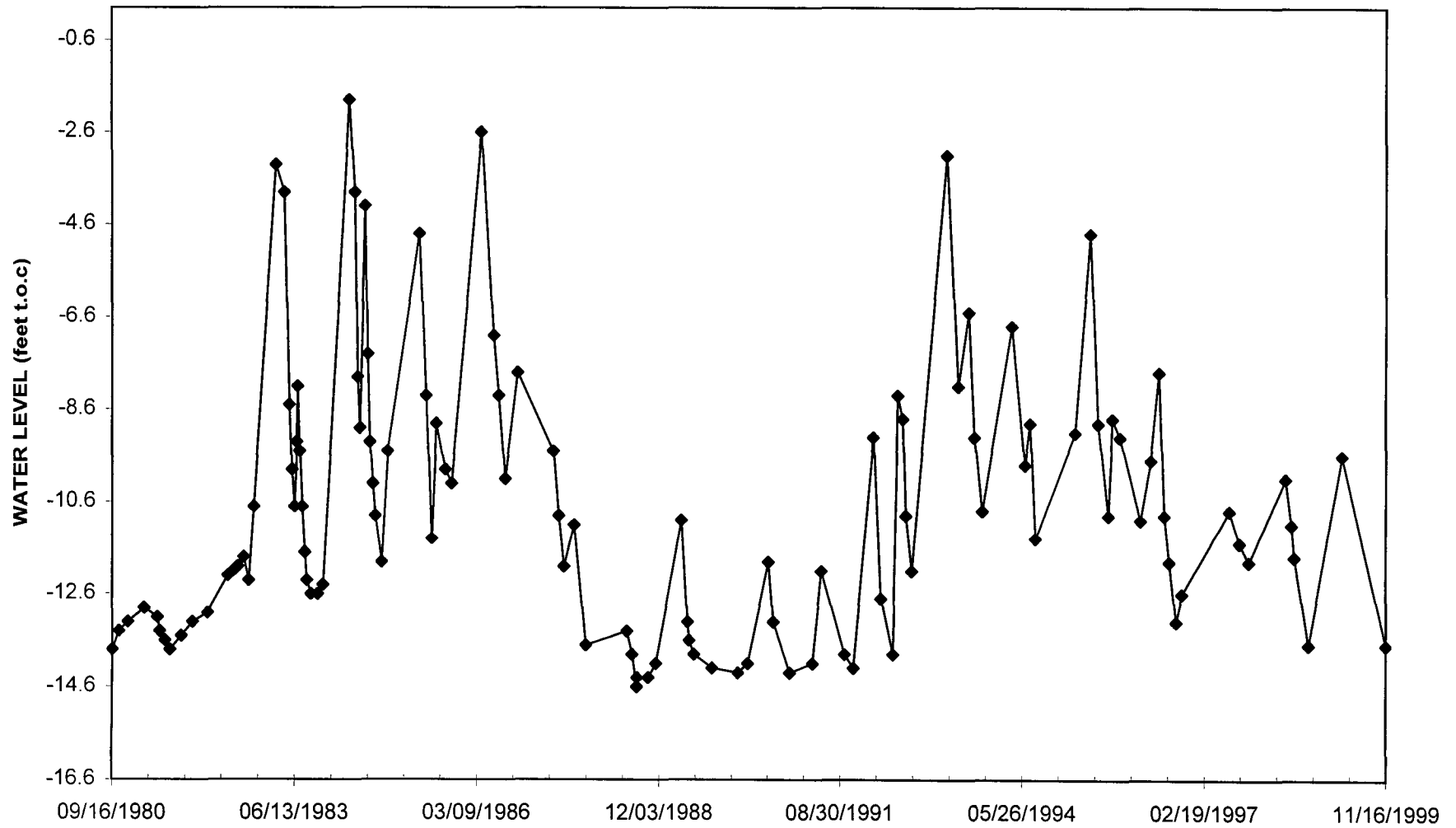
Lindgren, R.J., Colin A. Niehus, 1992, Water Resources of Minnehaha County, South Dakota, WRI 91-4101, USGS, Huron, SD, 57350.

Water Rights, 1999, Unpublished Observation Well Data for Minnehaha County, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
MA-571**



**WATER RIGHTS' OBSERVATION WELL
MA-80AA**



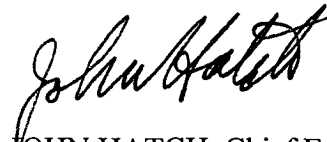
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6157-3, Sioux Falls Parks Department**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6157-3, Sioux Falls Parks Department, c/o Dave Fischer, 600 East 7th Street, Sioux Falls, SD 57104-6913.

The Chief Engineer is recommending APPROVAL of Application No. 6157-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6157-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6, Permit No. 6157-3 authorizes a maximum diversion rate of 0.37 cfs and 2 acre-feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.



JOHN HATCH, Chief Engineer
December 23, 1999

Instruction to Newspaper - Publish first Notice on January 5, 2000, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6157-3 to Appropriate Water

Notice is given that the Sioux Falls Parks Department, c/o Dave Fischer, 600 East 7th St, Sioux Falls SD 57104-6913 has filed an application for a water permit to appropriate 0.37 cubic feet of water per second from one well (Big Sioux:South) 27 feet deep located in the NW ¼ SE ¼ Section 27 to irrigate 19 acres in the Pasley Park area located in portions of NW ¼ SE ¼ and SW ¼ NE ¼ (Lot 3, High Pointe Addition) Section 27; all in T101N-R49W.

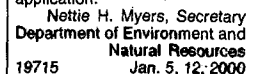
Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6157-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, 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 January 24, 2000.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

AFFIDAVIT OF PUBLICATION

COUNTY OF MINNEHAHA } ss





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

FEB 22 2000

Sioux Falls Parks Department
%Dave Fischer
600 East 7th St.
Sioux Falls, SD 57104-6913

Dear Mr. Fischer:

Enclosed is Water Permit No. 6157-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**

Date 5-29-02

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

RECEIVED

MAY 31 2002

FROM: ⁰¹
LARRY WEIRES / GALYNN HUBER (name) WATER RIGHTS PROGRAM
600 EAST 7th ST (address)
SIoux FALLS, S.D. 57103 (city, state, zip) 605-367-7060 (phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

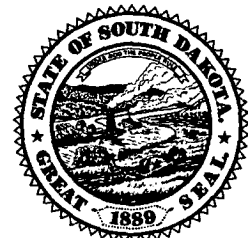
Water Permit No. 6157-3 states that the water use system is to be constructed by 1-24-05 (date), and water is to be put to beneficial use by 1-24-09 (date).

The water use system was completed on 9-28-01 (date).

Applying the water to beneficial use was completed on 5-1-02 (date).

You may schedule an investigation so that the water license may be issued.

Larry Weires
(signature)



Permit No. 6157-3
Big Sioux River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

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

I have this day, **October 15, 2003**, made a thorough examination of the water use system constructed by **Sioux Falls Parks Department** of **600 East 7th Street, Sioux Falls SD 57104** holder of Permit No. **6157-3**, bearing the priority of **November 24, 1999** authorizing the diversion of **0.37** cu. ft. per second of the waters of **Big Sioux: South aquifer** for **irrigation** purposes, in **Minnehaha** County.

Inspection contact & relationship
to permit holder, if applicable:

Diane Gildemaster, District Park Supervisor
City of Sioux Falls Parks and Recreation

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: **Lacey Well Drilling**
- 2) No. of Wells **1**
- 3) Depth(s) **25** feet
- 4) Well log is available **yes**
- 5) Comment:

Casing:

- 1) Diameter **12** inches
- 2) Length **19** feet
- 3) Type **steel**

Screen:

- 1) Type **stainless steel**
- 2) Length **6** feet
- 3) Static water level **12** feet

Pump:

- 1) Make **Jacuzzi submersible**
- 2) Model
- 3) Size
- 4) Capacity **75** GPM

Motor:

- 1) Make Jacuzzi submersible
- 2) Model No.
- 3) Horsepower rating 4 hp

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

- 1) Type cast iron 2) Size 4 inches 3) Length 50 feet
- 1) Type pvc 2) Size 1" - 4" inches 3) distribution pipe for lawn sprinkling system

C. Works used to apply water to beneficial use:

Lawn sprinkling system:

- 1) Number of zones 33
- 2) Number of heads per zone 10
- 3) Capacity of heads 8 - 11 gpm

Chemigation Equipment:

- 1) Does chemigate no

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by yes
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period yes
- 3) Exceptions to compliance are: none

The system is in good condition with the point of diversion located as follows: 500' E and 180' S of the center of Section 27, T101N, R49W. The works are capable of diverting and conveying to the place of use 0.17 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 in Section 27, T101N, R49W

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 6 acres

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

Comprising a total of 19 acres of land and the license should be issued for 0.17 cfs.

All structures, wells and lands on map yes

Comments or other permit(s) associated with the project: none


Lynn Beck

Natural Resources Engineer Specialist
DENR, Water Rights Program

Date report completed: November 7, 2003

26th

R49W

SW NE 6 acres

PASLEY PARK

27

PARKING

I-269

Southeastern

T101N

NW SE 13 acres

19 TOTAL ACRES

0 0.125 0.25 0.5 0.75 1 Miles


Lynn Beck
Natural Resources Engineering Specialist
DENR, Water Rights Program
November 7, 2003



South Dakota



Protecting South Dakota's Tomorrow ... Today



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6157-3

(1) Sioux Falls Parks Department, 600 E 7th St, Sioux Falls SD 57104 made Application No. 6157-3, November 24, 1999 for a water permit to divert 0.37 cubic feet of water per second from groundwater (one well), Minnehaha County, South Dakota for irrigation purposes. Permit No. 6157-3, with a priority date of November 24, 1999 was approved January 24, 2000 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before January 24, 2005 and for the application to beneficial use of water on or before January 24, 2009.

The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on May 31, 2002. The *Notice* stated the diversion system was completed on September 28, 2001 and the water placed to beneficial use on May 1, 2002.

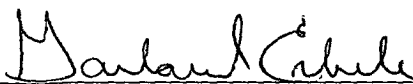
(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and/or owner of Water Right No. 6157-3 is issued a license, bearing a priority date of November 24, 1999 to appropriate 0.17 cubic feet of water per second from groundwater (one well) to irrigate 19 acres in the Pasley Park area.

The diversion point is located: 500 feet east and 180 feet south of the center of Section 27-T101N-R49W (NW ¼ SE ¼). The acres authorized for irrigation are as follows:

Section 27-T101N-R49W	SW ¼ NE ¼	6 acres
	NW ¼ SE ¼	13 acres
	Total	19 acres

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6157-3 including the following now applicable qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 6157-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
- Pursuant to SDCL 46-5-6, Permit No. 6157-3 authorizes a maximum diversion rate of 0.07 cfs and 2 acre-feet of water per acre per year.
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 23 2004

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 22 2004

6157-3

Sioux Falls Parks Department
% Diane Gildemaster
600 E 7th St
Sioux Falls SD 57104

Dear Ms. Gildemaster:

Enclosed is Water License No. 6157-3. This is the final water right document completing your process of obtaining a Water Right.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 6157-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures



6157-3
**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 30, 2006

Galynn Huber
Sioux Falls Parks & Rec Dept
100 E 6th St
Sioux Falls SD 57104-5929

RE: Water Right or Permit Nos. 4231-3, 5416-3, 5512-3, 5556-3, 5698-3, 6157-3

Dear Mr. Huber:

Enclosed is a "Notice" dated October 20, 2006 concerning the 2006 irrigation questionnaires. The notice was originally mailed to 600 E 7th St, Sioux Falls SD. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

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

enclosures

6157-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

November 13, 2018

Kelby Mieras
Sioux Falls Parks & Rec Dept
PO Box 7402
Sioux Falls SD 57117-7402

RE: Water Permit/Right Nos. 4231-3, 5416-3, 5512-3, 5556-3, 5698-3, 6157-3, 6210A-3 & 7805-3

Dear Sir:

Enclosed is a "Notice" dated October 30, 2018 concerning the 2018 irrigation questionnaires.

The notice was originally mailed to 100 E 6th St, Sioux Falls. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

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

enclosures