

Considered: _____

WATER PERMIT NO. 5416-3

HAP No. PH 339-7060

Name of Applicant City of Sioux Falls, Parks & Recreation Dept.

Post Office Address 600 E. 7th St., Sioux Falls, SD 57103

Amount of Water Claimed 0.67 cfs (claimed) Total Acres 38 acres

Source of Water Supply groundwater

Water to be used for irrigating Dunham Park County Minnehaha

About — miles — of Sioux Falls.

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received 3/21/90 Fee \$150.00 Remarks _____

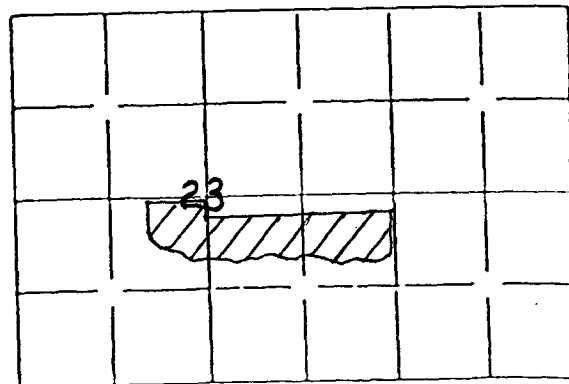
Corrected Application Received _____ Period of Annual Use _____

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

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

Diversion Point 1775 ft N 1600' west of southeast
corner of Section 23 - T101N - R50W

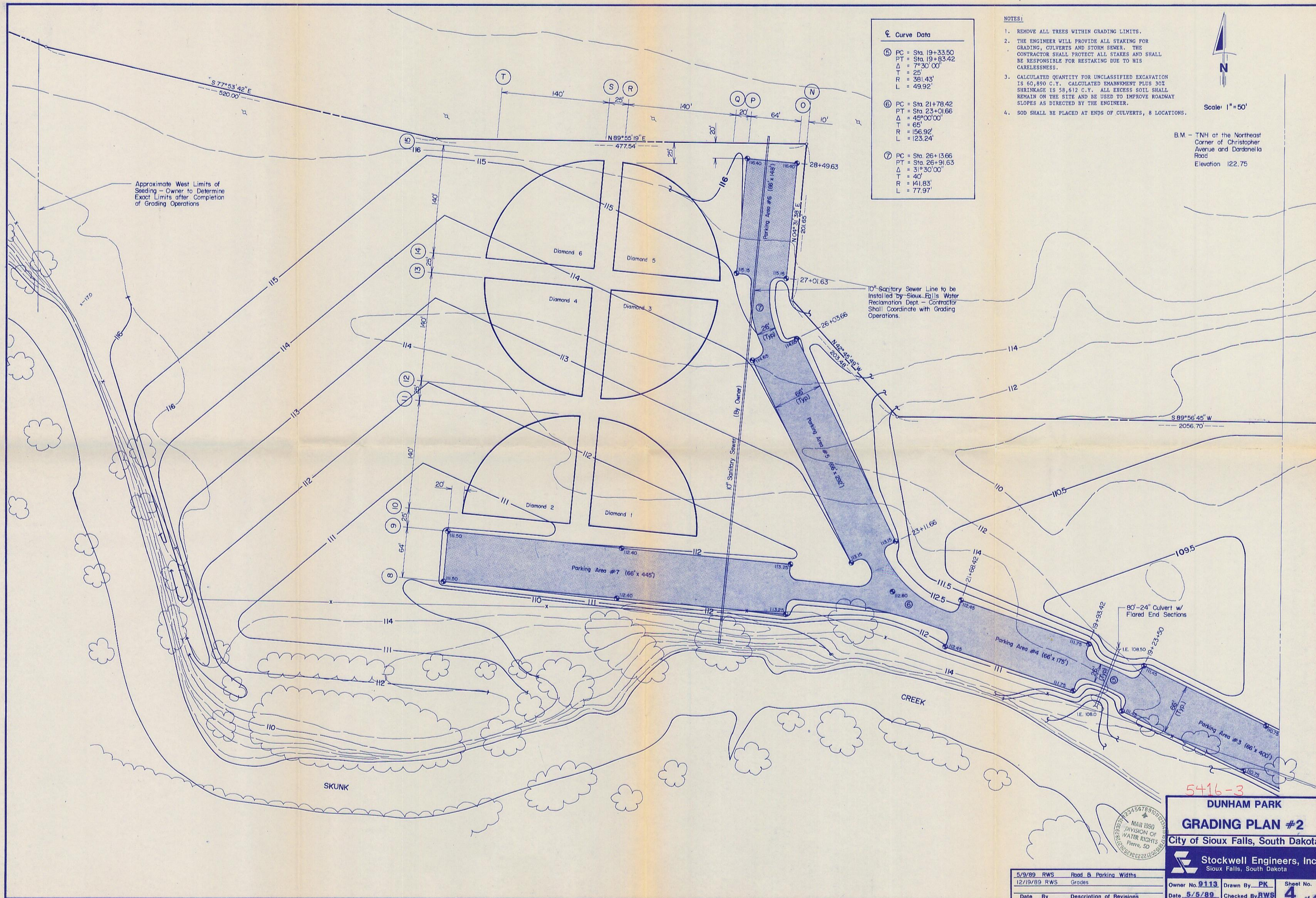
Land to be Irrigated SE 1/4 - Sect 23 - T101N - R50W
SW 1/4 - Sect 23 - T101N - R50W



Well Log: Driller Huron Drilling Licensed YES X NO —

Depth of Well 95' REMARKS _____

Type of Map Topo PREPARED BY Stockwell Engineering Reviewed and the Number
assigned on _____ By _____



Curve Data

5	PC = Sta. 19+33.50 PT = Sta. 19+83.42 Δ = 7°30'00" T = 25' R = 381.43' L = 49.92'
6	PC = Sta. 21+78.42 PT = Sta. 23+01.66 Δ = 45°00'00" T = 65' R = 156.92' L = 123.24'
7	PC = Sta. 26+13.66 PT = Sta. 26+91.63 Δ = 31°30'00" T = 40' R = 141.83' L = 77.97'

NOTES:

1. REMOVE ALL TREES WITHIN GRADING LIMITS.
2. THE ENGINEER WILL PROVIDE ALL STAKING FOR GRADING, CULVERTS AND STORM SEWER. THE CONTRACTOR SHALL PROTECT ALL STAKES AND SHALL BE RESPONSIBLE FOR RESTAKING DUE TO HIS CARELESSNESS.
3. CALCULATED QUANTITY FOR UNCLASSIFIED EXCAVATION IS 60,890 C.Y. CALCULATED EMBANKMENT PLUS 30% SHRINKAGE IS 58,612 C.Y. ALL EXCESS SOIL SHALL REMAIN ON THE SITE AND BE USED TO IMPROVE ROADWAY SLOPES AS DIRECTED BY THE ENGINEER.
4. SOD SHALL BE PLACED AT ENDS OF CULVERTS, 8 LOCATIONS.

Scale: 1" = 50'

B.M. - TNH at the Northeast Corner of Christopher Avenue and Dardanelia Road
Elevation 122.75

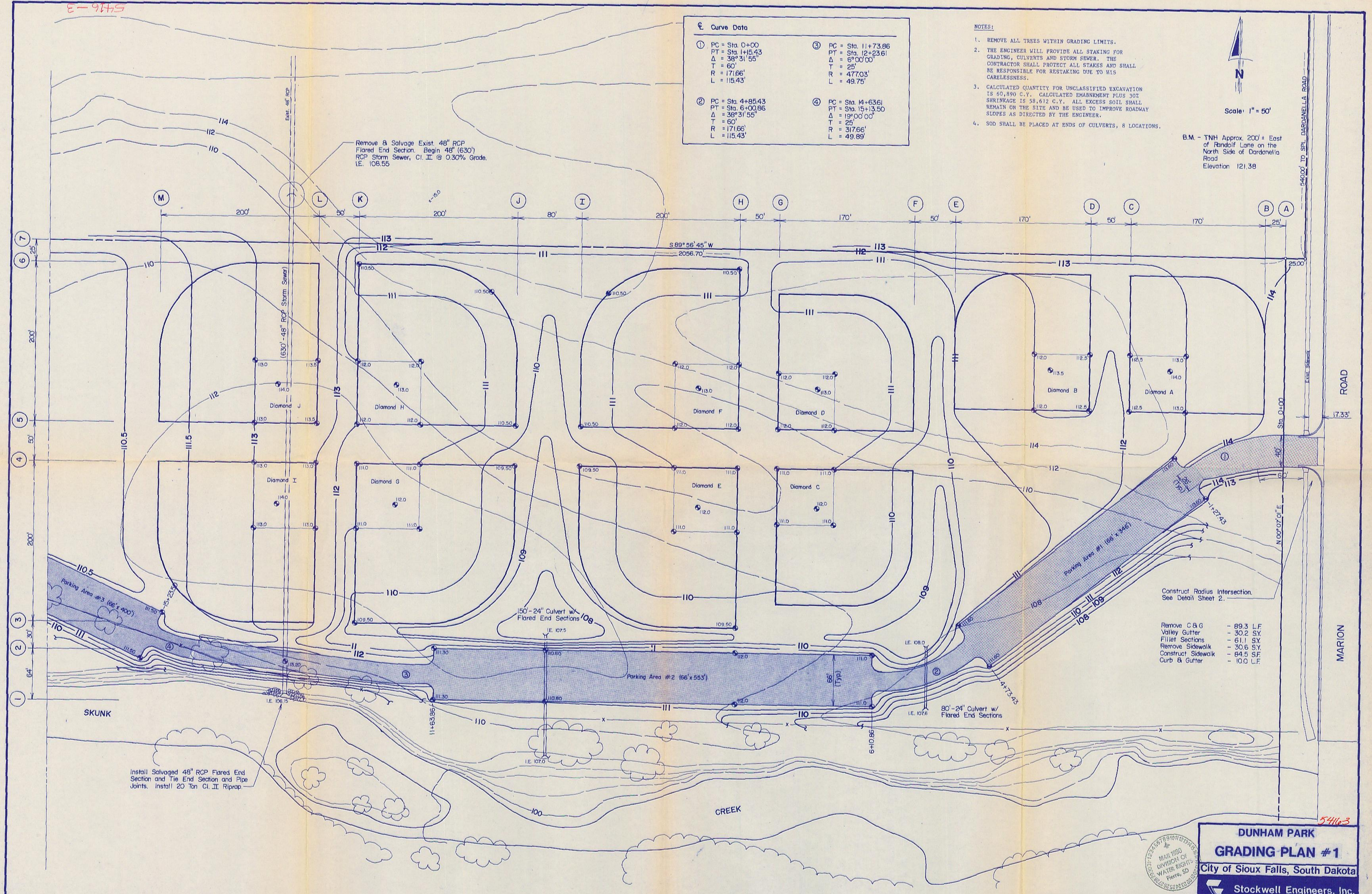
5416-3

Curve Data			
①	PC = Sta. 0+00 PT = Sta. 1+54.3 $\Delta = 38^{\circ}31'55''$ T = 60' R = 171.66' L = 115.43'	③	PC = Sta. 11+73.86 PT = Sta. 12+23.61 $\Delta = 6^{\circ}00'00''$ T = 25' R = 477.03' L = 49.75'
②	PC = Sta. 4+85.43 PT = Sta. 6+00.86 $\Delta = 38^{\circ}31'55''$ T = 60' R = 171.66' L = 115.43'	④	PC = Sta. 14+63.61 PT = Sta. 15+13.50 $\Delta = 19^{\circ}00'00''$ T = 25' R = 317.66' L = 49.89'

- NOTES:
1. REMOVE ALL TREES WITHIN GRADING LIMITS.
 2. THE ENGINEER WILL PROVIDE ALL STAKING FOR GRADING, CULVERTS AND STORM SEWER. THE CONTRACTOR SHALL PROTECT ALL STAKES AND SHALL BE RESPONSIBLE FOR RESTAKING DUE TO HIS CARELESSNESS.
 3. CALCULATED QUANTITY FOR UNCLASSIFIED EXCAVATION IS 60,890 C.Y., CALCULATED EMBANKMENT PLUS 30% SHRINKAGE IS 58,612 C.Y.. ALL EXCESS SOIL SHALL REMAIN ON THE SITE AND BE USED TO IMPROVE ROADWAY SLOPES AS DIRECTED BY THE ENGINEER.
 4. SOD SHALL BE PLACED AT ENDS OF CULVERTS, 8 LOCATIONS.

Scale: 1" = 50'

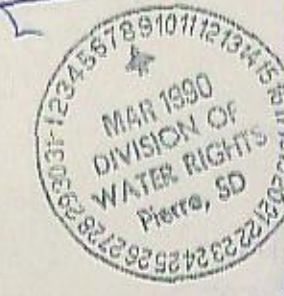
B.M. - TNH Approx. 200' ± East of Randolph Lane on the North Side of Dardanelia Road
Elevation 121.38



Install Salvaged 48" RCP Flared End Section and Tie End Section and Pipe Joints. Install 20 Ton CI II Riprap.

Construct Radius Intersection. See Detail Sheet 2.

Remove C & G - 89.3 L.F.
Valley Gutter - 30.2 SY
Fillal Sections - 611.1 SY
Remove Sidewalk - 30.6 SY
Construct Sidewalk - 84.5 S.F.
Curb & Gutter - 10.0 L.F.



5/9/89 RWS			Road & Parking Widths		
5/9/89 RWS			Street Entrance		
12/19/89 RWS			Grades		
Date	By	Description of Revisions	Owner No. 9113	Drawn By PK	Sheet No. 3
5/5/89	Checked By RWS				

**SOUTH DAKOTA
WATER PERMIT No. 5416-3 FOR IRRIGATION**

Date of first receipt of application March 8, 1990.

Date Soil/Water Compatibility Permit received April 30, 1990.

Date of return to applicant for corrections, amendments or changes March 12, 1990.

Date of receipt of corrected application March 21, 1990.

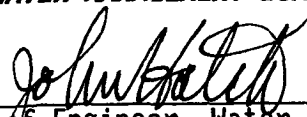
The Water Management Board approved Water Permit Application No. 5416-3 on May 24, 1990 for City of Sioux Falls, Parks and Recreation Department, 600 E. 7th St., Sioux Falls, SD 57103 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 5416-3 appropriates 0.54 cubic feet of water per second from one well (Big Sioux - Southern Skunk Creek Aquifer) 95 feet deep to irrigate 38 acres. The point of diversion is located in the NW1/4 SE1/4 of Section 23 T101N-R50W. The land to be irrigated, known as Dunham Park, is located in the SE1/4, SW1/4 of Section 23 T101N-R50W.
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 - September 30.
3. The date from which applicant may claim right is March 8, 1990.
4. One-fifth of the construction is to be completed on or before November 24, 1992.
5. All construction is to be completed on or before May 24, 1995.
6. Water is to be put to beneficial use on or before May 24, 1999.
7. 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 authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
4. Approval of Permit No. 5416-3 limits the diversion rate to 0.54 cfs.

WATER MANAGEMENT BOARD

By: 
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

SEP 12 1990

(date)

(See instructions)

No. 5416-3 Hydrologic Unit 10170203
Basin Big Sioux River
Newspaper Sioux Falls Argus Leader, Box 5034 57117

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 _____
- Applicant Parks & Recreation Dept., City of Sioux Falls Phone No. 339-7060
- Address 600 E. 7th St., Sioux Falls, South Dakota State 57103
(Street, RR or Box) (City) Zip Code
2. Amount of water claimed (c.f.s) 0.67 Total acres irrigated 38
3. Source of Water supply well
4. Location of point of diversion in the SE1/4 of Section 23, Township 101 North, Range 50 West
1775' north and 1600' west of the southeast corner thereof
- County Minnehaha
5. Counties where water will be used Minnehaha
6. Annual period during which water is to be used May 1 - September 30
7. 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.
Dunham Pk., SE1/4 23-101-50	28
Dunham Pk., SW1/4 23-101-50	10

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: _____ Gun: _____ Other: Auto. Pop-up (Specify) _____
9. Crops to be Irrigated: Recreation Field grass
10. Give a description of proposed project. (Attach sheet if more-space is needed)

The proposed project consists of construction of an irrigation system for a proposed baseball complex consisting of approximately 38 acres. The system will be designed to provide sufficient water to obtain a minimum irrigation rate of one inch per week. The system will be automatically (electronically) controlled. See attached drawings of proposed park facility.

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

STATE OF SOUTH DAKOTA)
County of Minnehaha)^{ss}

I, Lowen Schuett, 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.

Signed _____

Lowen Schuett, Director of Parks

Subscribed and sworn to before me this 14th day of March 19 90

Notary Public

My commission expires: 6/11/97

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 18" Depth 90'
- b) Casing Type Black Steel Diameter 12" Thickness 0.375"
- c) Screen Type Stainless Steel Diameter 12" Thickness
- d) Gravel Pack Thickness 3" Length of Gravel Pack 80'
- e) Depth to Top of Water Bearing Material 4'
- f) Depth to Water (ground surface to water level) 20'
- g) Distance to nearest existing domestic well:
- On applicants property On property owned by others 2400 feet

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

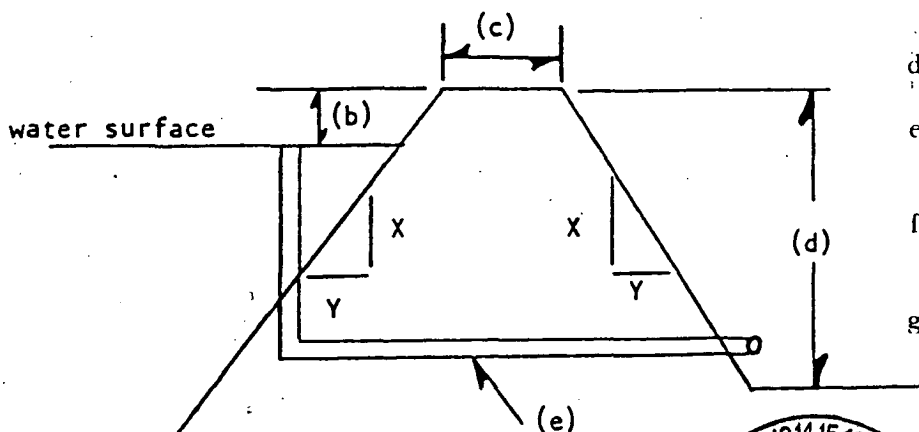
d) Height

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

Lowen Schuett, Director of Parks

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation

Office Use Only

4490

WR#

OWNERS NAME: City of Sioux Falls OWNERS ADDRESS: 600 East 7th Street
Parks & Recreation Dept. Sioux Falls, SD 57103

COUNTY LAND LOCATED IN: Minnehaha PHONE: 339-7060

LEGAL DESCRIPTION:

☒ Well

☐ Surface

1. LOCATION SE 1/4 23-T101N-R50W -1775' North & 1600' West of the Southeast Corner, thereof

Depth _____

Legal Description	Acres	Legal Description	Acres
Dunham Pk., SE 1/4 23-T101N-R50W	28		
Dunham Pk., SW 1/4 23-T101N-R50W	10		

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: _____ OTHER: Auto Pop-up
(Specify)

3. CROPS TO BE IRRIGATED: Recreation Field Grass

WATER QUALITY:

4. WATER SAMPLE NUMBER: 90-0249 7. ADJUSTED (SAR): 2.71
5. SALINITY (EC X 10⁶): 1800 8. PERCENT SODIUM: 13.27
6. SODIUM (SAR): 0.97

Requirements:

A buffer strip along Skunk Creek shall not be irrigated to prevent streambank erosion and runoff into the creek.



[Signature]
Director, Division of Conservation

XXX APPROVED XXX REQUIREMENTS
____ DISAPPROVED
____ WAIVER

April 23, 1990

Date

Soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

Ground Surface
"Topsoil" 4'

KUEHN PARK WELL

26th & Marion Rd

Static Water Level 20'

"Coarse yellow sand"

579' Black Steel Casing

45'

"Sand w/ clay streaks"

65'

"Blue Clay"

72'

79'

"Sand & gravel"

15' - Stainless Steel Screen

94'

Quartzite "Fine sand"

100'

~~ELMWOOD PARK WELL~~

~~Ground Surface~~

~~"Topsoil"~~

~~"Yellow sand"~~

~~Static Water Level 10.5'~~

~~13'~~

~~"Blue sand & gravel"~~

~~20'~~

~~26.5' - Black Steel Casing~~

~~26.5'~~

~~"Coarse sand"~~

~~10' - Screen~~

~~36.5'~~

~~Quartzite~~

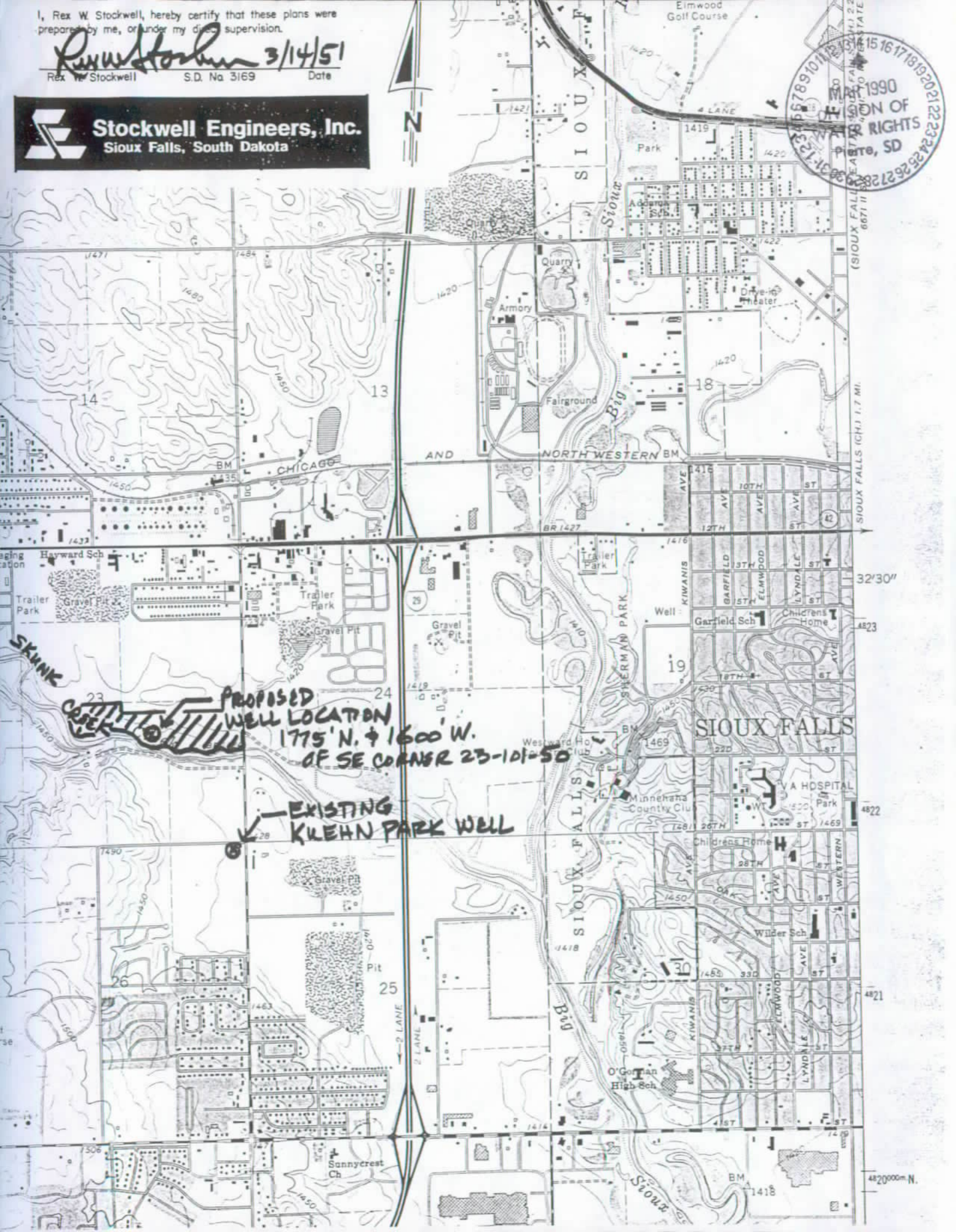


I, Rex W. Stockwell, hereby certify that these plans were prepared by me, or under my direct supervision.

Rex W. Stockwell 3/14/51
Rex W. Stockwell S.D. No 3169 Date



Stockwell Engineers, Inc.
Sioux Falls, South Dakota





I, Rex W. Stockwell, hereby certify that these plans were prepared by me, or under my direct supervision.

Rex W. Stockwell 3/14/51
 Rex W. Stockwell S.D. No 3169 Date



Stockwell Engineers, Inc.
 Sioux Falls, South Dakota





Stockwell Engineers, Inc.

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



March 6, 1990

Mr. John Hatch, Chief Engineer
Water Rights Division
SD Department of Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Re: Water Permit Application
Sioux Falls, South Dakota

Dear Mr. Hatch:

On behalf of the Parks and Recreation Department of the City of Sioux Falls, we are transmitting two copies of the water permit application for construction of a water well at Dunham Park in Sioux Falls. The well will be used to irrigate approximately 44 acres for use as a baseball complex. The Park is located immediately adjacent to Skunk Creek in the SE1/4 of Section 23-101-50.

The application for permit was prepared utilizing data obtained on a recreation use well for Kuehn Park approximately one half mile from this site. The well log and information for the Kuehn Park well is attached.

The City wishes to begin construction on the irrigation system early this Summer with completion prior to September to allow sufficient time for seeding of the Park property.

Please contact me or Lowen Schuett, Director of Parks, if you have any questions regarding the application. Thank you for your cooperation.

Very truly yours,

STOCKWELL ENGINEERS, INC.

Rex W. Stockwell, P.E.

cc: Mr. Lowen Schuett, Director

March 12, 1990

Stockwell Engineers, Inc.
211 East 14th Street
Suite 200
Sioux Falls, SD 57102

Dear Mr. Stockwell:

This letter is in response to your water permit application received on March 8, 1990. The application you submitted on behalf of the City of Sioux Falls will require that the irrigation application form be filled out instead of the non-irrigation form. I have enclosed your previous application and the proper application form for you to utilize. All proposed uses of the water should be included in the application. Please follow the attached instruction form when filling out this application

The water permit application can not be considered by the Water Management Board until the application is complete and the soil/water compatibility permit is obtained by the Department of Agriculture.

If you have any questions, please contact me.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enc.



Stockwell Engineers, Inc.

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

March 14, 1990



Mr. John Hatch, Chief Engineer
Water Rights Division
SD Department of Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Re: Water Permit Application
Sioux Falls, South Dakota

Dear Mr. Hatch:

On behalf of the Parks and Recreation Department of the City of Sioux Falls, we are transmitting two copies of the water permit application for construction of a water well at Dunham Park in Sioux Falls. The well will be used to irrigate approximately 38 acres for use as a baseball complex. The Park is located immediately adjacent to Skunk Creek in the SW1/4 and SE1/4 of Section 23-101-50.

The application for permit was prepared utilizing data obtained on a recreation use well for Kuehn Park approximately one half mile from this site. The well log and information for the Kuehn Park well is attached.

The City wishes to begin construction on the irrigation system early this Summer with completion prior to September to allow sufficient time for seeding of the property. With this schedule, we respectfully request this application be considered on the Water Management Board meeting for May.

Page Two
Mr. John Hatch
March 14, 1990

Please contact me or Lowen Schuett, Director of Parks, if you have any questions. Thank you for your cooperation.

Very truly yours,

STOCKWELL ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Rex W. Stockwell", with a long horizontal flourish extending to the right.

Rex W. Stockwell, P.E.

cc: Mr. Lowen Schuett, Director

410113

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

Pierre, March 21, 1999

RECEIVED OF Snodgrass Engineers, Inc., 211 14th St Sioux Falls, SD 57102

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

Fee for Application for Permit No. <u>54113</u> to Appropriate Water, to construct works 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 Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____ (Any Other Work Provided by Law)		
Total	150	00

By John H. H. H. H.
Chief Engineer

March 15, 1990

Stockwell Engineers
211 East 14th Street
Suite 200
Sioux Falls, SD 57102

RE: Water Permit Application for Sioux Falls, SD

Dear Mr. Stockwell:

As I discussed with you on the phone, I am returning the \$225 check you sent in with Sioux Falls' water permit application to irrigate 38 acres. The proper application fee is \$150. Please forward the proper fee and I will proceed with processing the application.

Feel free to contact me if you have any questions.

Sincerely,

Eric Gronlund
Natural Resource Engineer
Division of Water Rights
(605) 773-3352.

enc.

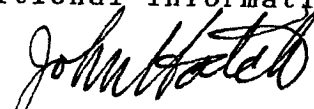
REVISED RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5416-3, City of Sioux Falls

Pursuant to SDCL 46-2A-2, the following is the Revised recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5416-3, City of Sioux Falls, Park and Recreation Department, 600 East 7th Street, Sioux Falls SD.

The Chief Engineer is recommending APPROVAL of Application No. 5416-3 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) in the public interest with the following qualifications:

1. The well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
4. Approval of Permit No. 5416-3 limits the diversion rate to 0.54 cfs.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
May 7, 1990

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5416-3, City of Sioux Falls

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5416-3, City of Sioux Falls, Park and Recreation Department, 600 East 7th Street, Sioux Falls SD.

The Chief Engineer is recommending APPROVAL of Application No. 5416-3 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) in the public interest with the following qualifications:

1. The well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
April 12, 1990

NOTE: This recommendation was prepared prior to receiving an approved Soil/Water Compatibility Application (SWCA) from the Department of Agriculture in order to avoid delaying Application No. 5416-3 until the July, 1990 Water Management Board meeting. Pursuant to General Rule 74:02:01:09, an approved SWCA must be received prior to a hearing being held on a water permit application. If your approved SWCA is not received prior to the May 23, 1990 hearing, then Application No. 5416-3 will need to be rescheduled for a later hearing date. Approval of the SWCA by the Department of Agriculture is also subject to review by the Conservation Commission. This note is to advise you that authorizing publication of the enclosed notice of hearing may **NOT** result in a hearing at the May 23, 1990 Water Management Board meeting due to the above described circumstances. In addition, once the application is advertised for hearing, the cost of publication will be an expense incurred if the SWCA is denied by the Department of Agriculture.

REPORT ON APPLICATION NO. 5416-3
City of Sioux Falls
Parks and Recreation Department
April 4, 1990

Application No. 5416-3 proposes to appropriate 0.67 cubic feet of water per second (cfs) from one well (Big Sioux-Southern Skunk Creek) 95 feet deep to irrigate 38 acres. The point of diversion is located in the NW 1/4 SE 1/4, section 23, T101N, R50W, Minnehaha County, SD. The land to be irrigated, known as Dunham Park, is located in the SE 1/4, SW 1/4, section 23, T101N, R50W.

DISCUSSION

Application No. 5416-3, if approved, will irrigate 38 acres of a proposed baseball complex to be located in Dunham Park. The irrigation system will consist of automatic pop-up sprinklers that are to provide an irrigation coverage of one inch per week. The system is controlled automatically via electronic timers. The proposed diversion rate (0.67 cfs) exceeds the statutory limitation of 1.0 cfs per 70 acres and should be reduced to 0.54 cfs.

AQUIFER Big Sioux-Southern Skunk Creek (BS-SSC)

AQUIFER INFORMATION AND CHARACTERISTICS

The Big Sioux-Southern Skunk Creek Management Unit is a glacial outwash and alluvium deposit consisting of sand and gravel. It underlies 9,700 acres in Minnehaha County (see figure 1) and has an estimated 32,010 acre-feet in recoverable storage (Hedges, 1982). The saturated thickness ranges from approximately 20 feet at the northern border of the formation to about 100 feet in the region considered in this application (south edge). The well log submitted with the application indicates sand and gravel from 4-100 feet below ground surface. There is a clay streak at 65-72 feet with unknown extent and the water level is at 20 feet below ground surface. This well log is for an existing well 1/4 to 1/2 mile southeast of the proposed diversion point. The formation is under water table conditions throughout this region.

The formation is hydraulically connected to the Wall Lake Aquifer to the southwest and to Skunk Creek. The aquifer recharge is limited more by its total storage capacity than the rate of recharge. Recharge to the aquifer is dependent upon yearly precipitation and will recharge quickly when moisture is available. The Division of Water Rights maintains an observation well (MA-88Y) 1/2 mile northwest of the proposed diversion point that reflects the seasonal changes. The water levels in this well respond quickly to precipitation events.

REVIEW OF AREA WATER RIGHTS

According to the 1988 Irrigation Report, there are 4 irrigation permits in Minnehaha County that use water from the BS-SSC. The total appropriation from this management was 1,275 acre-feet (about 4% of recoverable water in storage) with an actual pumpage of 156.1 acre-feet (less than 0.5%).

Figure 2 shows the location of the area water rights/permits that use water from the Big Sioux-Southern Skunk Creek Management Unit. Water Right No. 449-3 (not shown on figure) is a future use permit for the City of Sioux Falls reserving 15.6 cfs and covers sections 23, 24, and 25, T101N, R50W. It should be noted that Permit No. 5142-3 located 3/4 to 1 mile north of the applicant's proposed well is for groundwater remediation of petroleum contamination. Generally, well interference is not expected to be a concern because of the water table conditions in the area.

CONCLUSIONS

1. There is unappropriated water available from the BS-SSC Management Unit.
2. Application No. 5416-3, if approved, proposes to irrigate 38 acres at a diversion rate of 0.67 cfs. The diversion rate must be limited to 0.54 cfs (224 gpm).
3. Well interference is not expected to be a problem with approval of this application because of the water table conditions in the region.
4. Approval of Application No. 5416-3 is subject to completion of the annual irrigation questionnaire.
5. The well must be completed in accordance with South Dakota Well Completion Standards.

Terry L. Jorgensen/KS

Terry L. Jorgensen
Natural Resources Engineer
Division of Water Rights

Approved by:

Gale N. Selken

Gale N. Selken, P.E.
Natural Resources Engineer IV

REFERENCES

Division of Water Rights, 1990, Observation Well Files, DWNR,
Division of Water Rights, Joe Foss Building, Pierre, SD.

Division of Water Rights, 1988, Irrigation Report by Aquifer,
DWNR, Division of Water Rights, Joe Foss Building, Pierre,
SD.

Hedges, L.S., Burch, S.L., Iles, D.L., Barari, R.A., 1982,
Evaluation of Groundwater Resources in Eastern South Dakota
and Upper Big Sioux River, South Dakota and Iowa, U.S. Army
Corps of Engineers contract No. DACW 45-80-C0185, DWNR,
Office of Geological Survey, Vermillion, SD.



Stockwell Engineers, Inc.

211 East 14th Street • Suite 200 • Sioux Falls, South Dakota 57102

Telephone (605) 338-6668



March 6, 1990

Mr. John Hatch, Chief Engineer
Water Rights Division
SD Department of Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Re: Water Permit Application
Sioux Falls, South Dakota

Dear Mr. Hatch:

On behalf of the Parks and Recreation Department of the City of Sioux Falls, we are transmitting two copies of the water permit application for construction of a water well at Dunham Park in Sioux Falls. The well will be used to irrigate approximately 44 acres for use as a baseball complex. The Park is located immediately adjacent to Skunk Creek in the SE1/4 of Section 23-101-50.

The application for permit was prepared utilizing data obtained on a recreation use well for Kuehn Park approximately one half mile from this site. The well log and information for the Kuehn Park well is attached.

The City wishes to begin construction on the irrigation system early this Summer with completion prior to September to allow sufficient time for seeding of the Park property.

Please contact me or Lowen Schuett, Director of Parks, if you have any questions regarding the application. Thank you for your cooperation.

Very truly yours,

STOCKWELL ENGINEERS, INC.

Rex W. Stockwell, P.E.

cc: Mr. Lowen Schuett, Director

Civil
Consulting
Municipal

FIG. 1

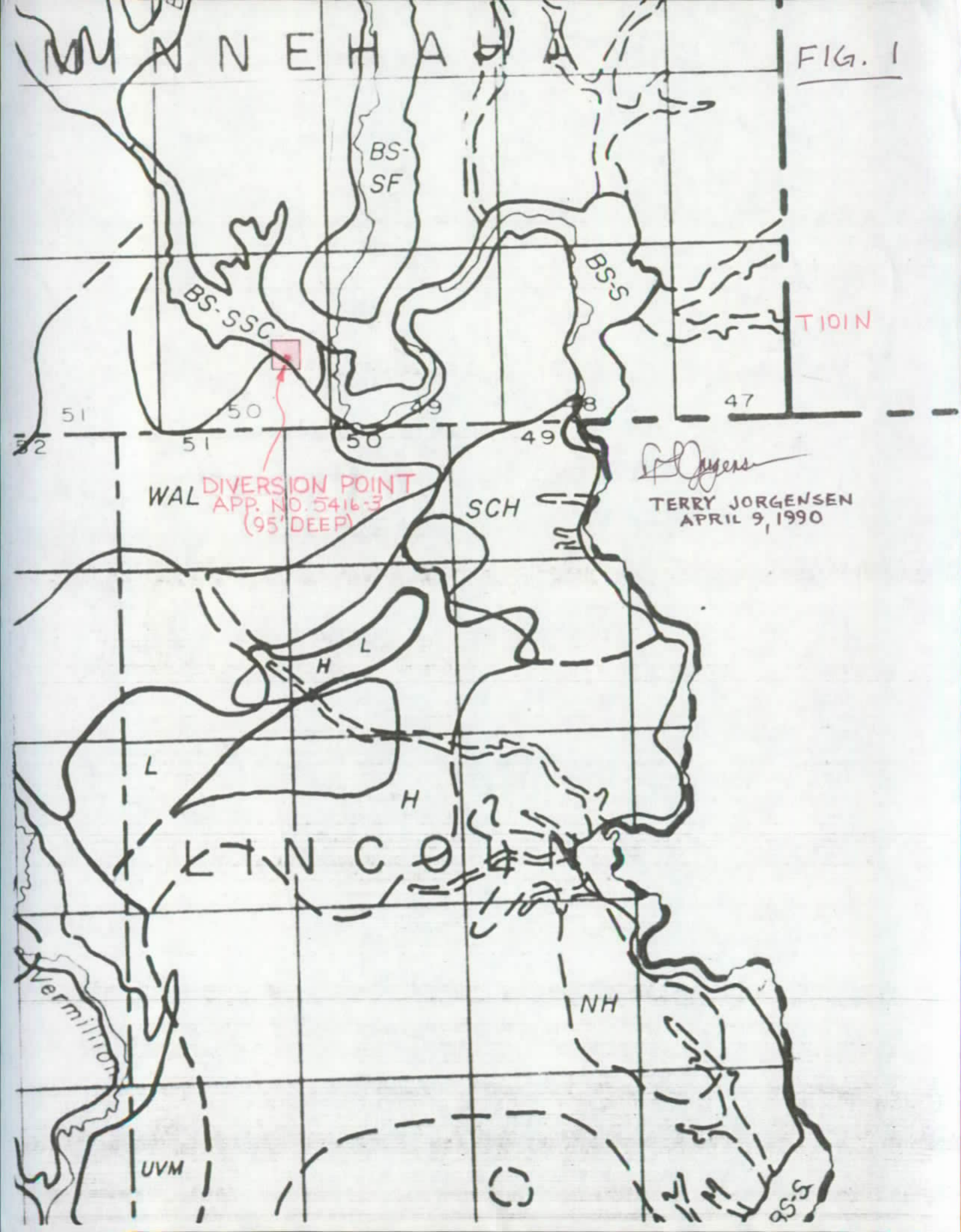


FIG. Z

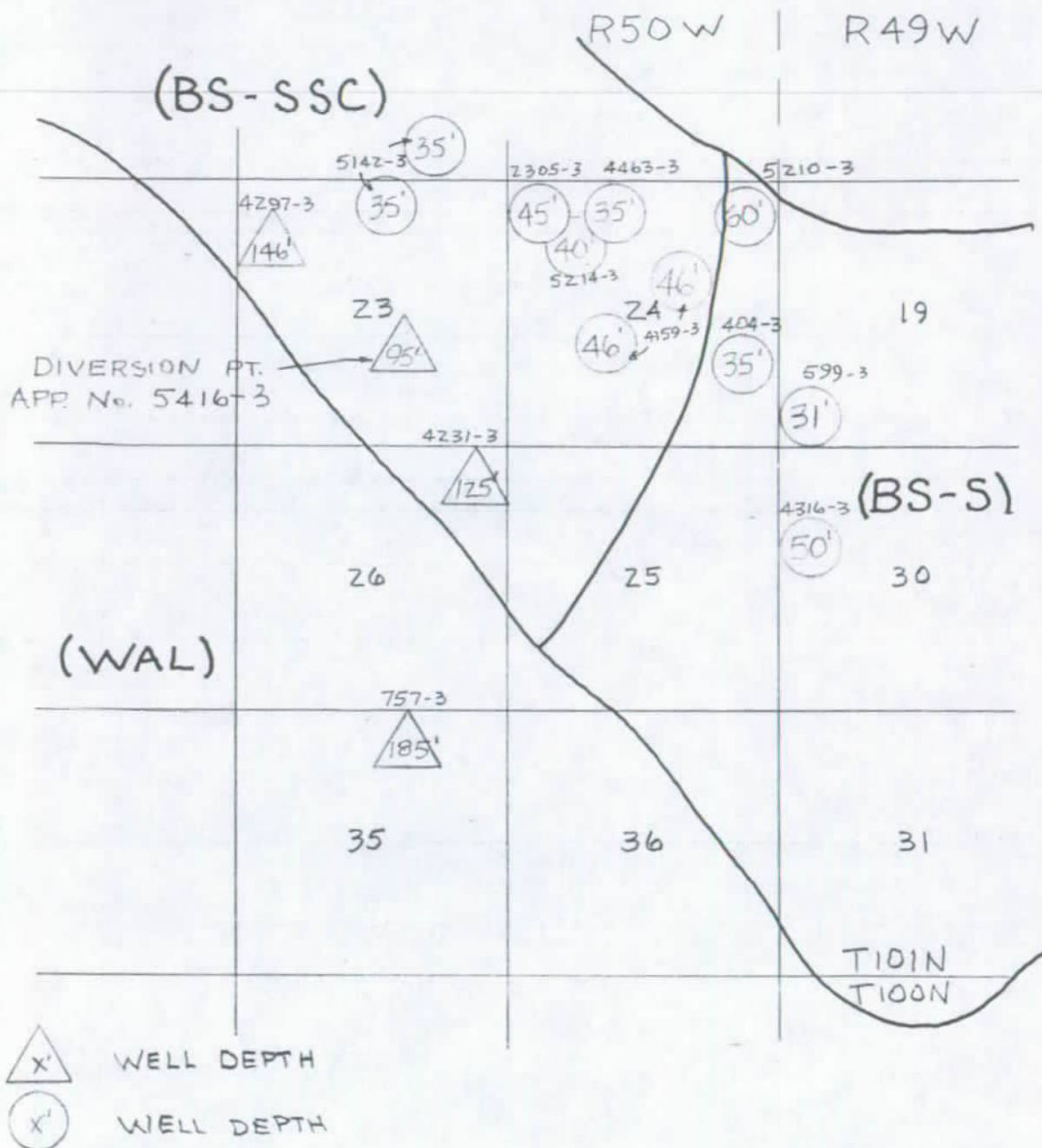
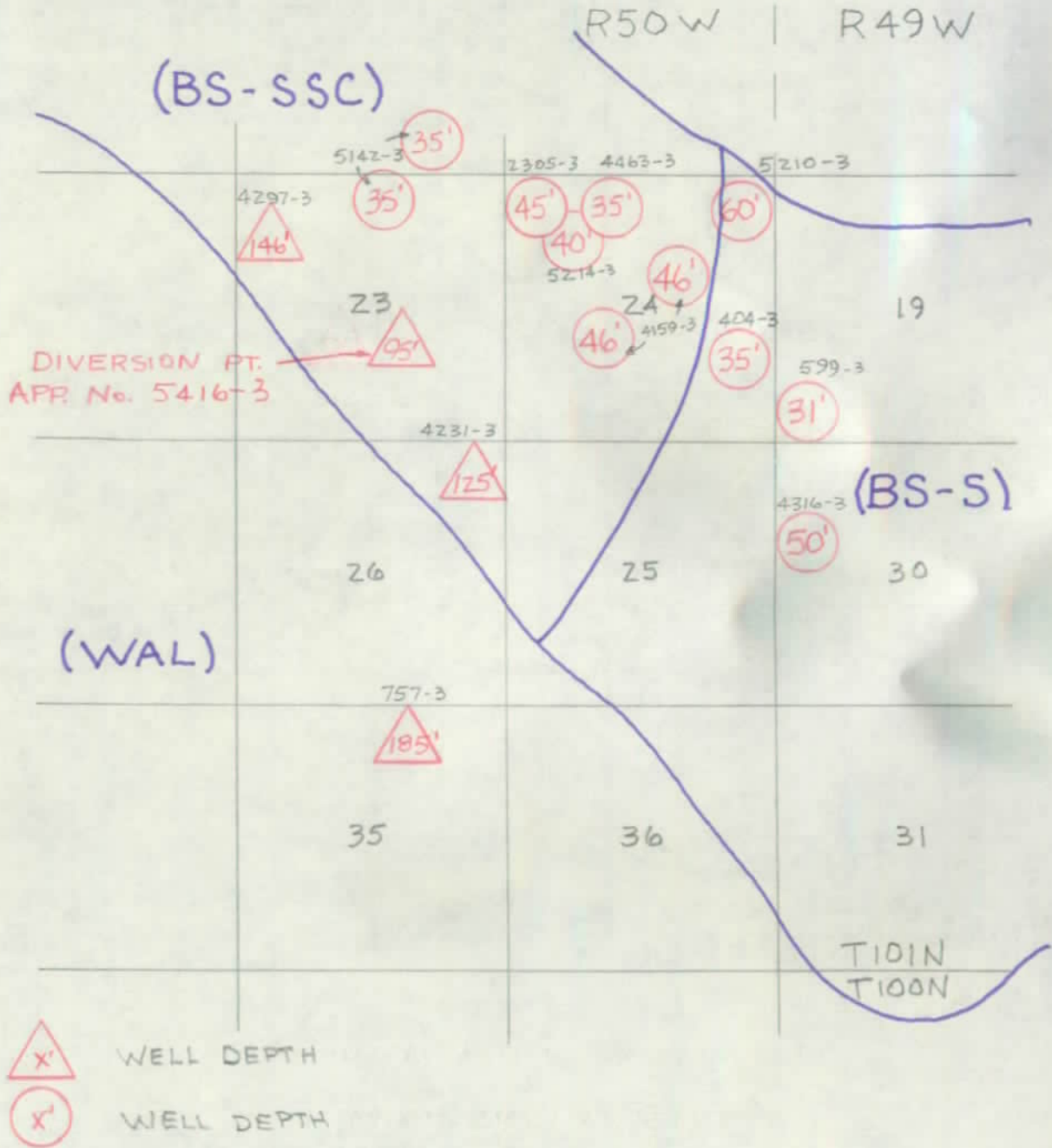


FIG. 2





Department of Water & Natural Resources

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

May 7, 1990

Lowen Schuett
Parks & Recreation Dept.
600 E 7th Street
Sioux Falls SD 57102-0469

Dear Mr. Schuett:

Enclosed is a copy of the Revised Recommendation of the Chief Engineer for Water Permit Application No. 5416-3. If you have any questions, please contact this office.

Sincerely,

A handwritten signature in cursive script that reads "Karen Schlaak".

KAREN SCHLAACK
Senior Secretary
Water Rights Division
605 773-3352

enclosure



Department of Water & Natural Resources

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

April 17, 1990

Argus Leader
Box 5034
Sioux Falls, SD 57117-5034

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5416-3 to be published twice. Please publish the first notice on or before April 26, 1990 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 City of Sioux Falls, Parks & Recreation Dept, 600 E 7th St., Sioux Falls, SD 57102-0469.

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 form. DO NOT WAIT until the end of the month or the billing cycle. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Eric Gronlund

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



Department of Water & Natural Resources

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

April 17, 1990

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

Lowen Schuett
Parks & Recreation Dept.
600 E. 7th Street
Sioux Falls, SD 57102-0469

Dear Mr. Schuett:

Water Permit Application No. 5416-3 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. For your information, a copy of the notice is enclosed. Copies of the report and the Chief Engineer's recommendation 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 Intent to Appropriate Water 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. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,

A handwritten signature in cursive script, reading "Eric Gronlund".

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: Please refer to note on the Chief Engineer's Recommendation prior to authorizing publication of this notice of hearing.

Instruction to Newspaper - Publish first Notice on or before April 26, 1990 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5416-3 to Appropriate Water

Notice is given that the City of Sioux Falls, Park and Recreation Department, 600 # 7th St., Sioux Falls, SD 57102-0469 has filed an application for a water permit to appropriate 0.67 cubic feet of water per second from one well (Big Sioux - Southern Skunk Creek Aquifer) 95 feet deep to irrigate 38 acres. The point of diversion is located in the NW1/4 SE1/4 of Section 23-T101N-R50W. The land to be irrigated, known as Dunham Park, is located in the SE1/4, SW1/4 of Section 23-T101N-R50W.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5416-3 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. This application will be considered by the Water Management Board in the Pelican Room, Ramkota Inn, Hwy 212, Watertown, SD on May 23, 1990 at 10:00 am. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

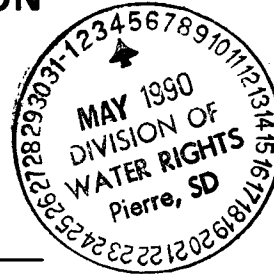
Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by May 11, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by May 11, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; 46-5-1 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; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
 County Minnehaha)



I, Nancy A. Buckley

certify that the attached printed Notice was taken
 from the Argus Leader

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

City of Sioux Falls

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

Tuesday, April 24, 1990

Tuesday, May 1, 1990

 (Signature)

Administrative Assistant
 (Title)

5/1/90
 (Date Signed)

Cost of Printing: \$74.80

NOTICE OF HEARING
 on Application No. 5416-3
 to Appropriate Water

Notice is given that the City of Sioux Falls, Park and Recreation Department, 600 # 7th St., Sioux Falls, SD 57102-0469 has filed an application for a water permit to appropriate 0.67 cubic feet of water per second from one well (Big Sioux - Southern Skunk Creek Aquifer) 95 feet deep to irrigate 38 acres. The point of diversion is located in the NW1/4 SE1/4 of Section 23-T101N-R50W. The land to be irrigated, known as Dunham Park, is located in the SE1/4, SW1/4 of Section 23-T101N-R50W.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5416-3 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. This application will be considered by the Water Management Board in the Pelican Room, Ramkota Inn, Hwy 212, Watertown, SD on May 23, 1990 at 10:00 am. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by May 11, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by May 11, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; 46-5-1 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; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

150 April 24, May 1, 1990



Department of Water & Natural Resources

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

SEP 12 1990

Lowen Schuett
Parks & Recreation Department
City of Sioux Falls
600 E 7th St
Sioux Falls, SD 57103

Dear Mr. Schuett:

Enclosed is Water Permit No. 5416-3 as approved by the Water Management Board authorizing you to construct your water diversion system and put the water to beneficial use, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in dark ink, appearing to read "John Hatch". The signature is fluid and cursive, with the first and last names being clearly legible.

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

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



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

Date 5-22-91

TO: Water Rights Division, DWNR
Joe Foss Building
Pierre SD 57501-3181

FROM: PARK DEPT. 600 EAST 7th ST. SIOUX FALLS
name address city 57102

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5416-3.

Water Permit No. 5416-3 states that the diversion system is to be constructed by MAY 24, 1995, and that the water it put to beneficial use by MAY 24, 1999.

The diversion system was completed on MAY 13, 1991.
Applying the water to beneficial use was completed on MAY 17, 1991.

You may schedule an inspection so that the Water License may be issued.

Larry Weimer
signature



November 8, 2002

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

City of Sioux Falls
Parks and Recreation Department
600 East 7th St
Sioux Falls SD 57103

Attn: Dee

On July 24, 2002, Lynn Beck, a staff engineer accompanied by Diane Gildemaster conducted investigations of several of the Parks and Recreation Dept. water permits, including the extent of application of water to beneficial use, as developed under the permits. The final water right documents, the water license, can now be issued.

State law requires that we charge a \$50.00 fee for each investigation and issuance of the water license. Enclosed is an invoice for a total of \$200.00. The check or money order for the fee should be made payable to the "Water Rights Program".

The licensed water right will be similar to a property right that can not be lost as long as the water use continues and the city abides by the permit requirements.

If you have any questions regarding the water permits, investigation of the water use systems or payment of the fee, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
(605) 773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

* INVOICE *

Invoice No. 20411-110802

City of Sioux Falls
Parks and Recreation Department
600 East 7th St
Sioux Falls SD 57103

Fee for investigation of the following water permits:	No. 5416-3	50.00
	No. 5512-3	50.00
	No. 5698-3	50.00
	No. 5775-3	50.00

PLEASE PAY THIS AMOUNT:	\$200.00
--------------------------------	-----------------

Karen Schlaak

Karen Schlaak
Environmental Scientist
Water Rights Program
(605) 773-3352

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date December 30, 20 01

RECEIVED OF City of Sioux Falls, 8424 West Doral Street, Sioux Falls, SD 57104-6407

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. <u>5418-3</u>		
Fee for Filing Transfer Form _____		
Fee for _____		
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. 00000

By Daniel E. Eble

Chief Engineer gmn

Permit No. 5416-3
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, July 24, 2002, made a thorough examination of the water use system constructed by Sioux Falls Parks and Recreation Dept. of 600 E. 7th St., Sioux Falls SD 57105 holder of Permit No. 5416-3, bearing the priority of March 8, 1990 authorizing the diversion of 0.54 cu. ft. per second of the waters of Big Sioux: Southern Skunk Creek Aquifer for irrigation purposes, in Minnehaha County.

Inspection contact & relationship to permit holder, if applicable: **Diane Gildemaster, Sioux Falls Parks and Recreation District Park Supervisor – (605) 367-7016.**

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Sioux Well Drilling
- 2) No. of Wells 1
- 3) Depth(s) 75 feet
- 4) Well log is available yes

Casing:

- 1) Diameter 12 inches
- 2) Length 55 feet
- 3) Type steel

Screen:

- 1) Type stainless steel
- 2) Length 20 feet
- 3) Static water level 11 feet

Pump & Motor:

- 1) Make submersible
- 2) Capacity 200 GPM

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

- 1) Type pvc
- 2) Size 4 inches
- 3) Length 2,700 feet

C. Works used to apply water to beneficial use:

Underground sprinkler system with a 200-gpm capacity.

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

The system is in good condition with the point of diversion located as follows: 1,965' N and 1,035' W of the SE corner in the NE¼ SE¼ Section 23-T101N-R50W. The works are capable of diverting and conveying to the place of use 0.44 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 in Section 23-T101N-R50W:

NE¼ SW¼ 4 acres

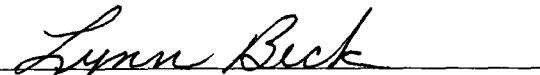
NE¼ SE¼ 11 acres

NW¼ SE¼ 5 acres

comprising a total of 20 acres of land and the license should be issued for 0.29 cfs.

All structures, wells and lands on map yes

Comments or other permit(s) associated with the project: **The works are capable of diverting 0.44 cfs of water, however, the statutory limit for 20 acres is 0.29 cfs. Appropriation not to exceed 2-acre feet annually for each acre of land irrigated.**



Lynn Beck

Natural Resources Engineer Specialist
DENR, Water Rights Program

Date report completed: October 8, 2002

Approval of Location Change and/or Additional Diversion Point(s)

NAME: Sioux Falls Parks and Recreation Department

ADDRESS: 600 E. 7th St., Sioux Falls SD 57105

DATE: October 28, 2002

COUNTY: Minnehaha

TELEPHONE: (605) 367-7016

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

Big Sioux: Southern Skunk Creek Aquifer, no additional water.

- **If irrigation, no new land is irrigated**

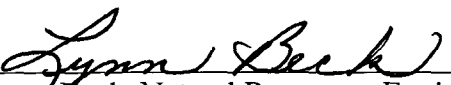
No new lands irrigated.

- **Review of Existing Diversions**

There are approximately 11 water rights with senior priority for water from the Big Sioux: Southern Skunk Creek Aquifer to Permit No. 5416-3 within a mile radius of this diversion point. The closest well is approximately 2,400 feet from this diversion point. Permit No. 5416-3 authorized one well to be located in the NW¼ SE¼ Section 23-T101N-R50W. An inspection of the permit found the well located in the NE¼ SE¼ Section 23-T101N-R50W. There is no history on file of interference to other wells from this diversion point.

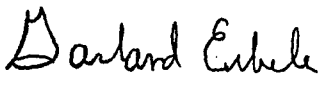
RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point(s) be licensed as developed.

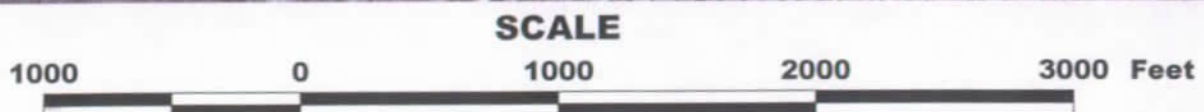

Lynn Beck, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.


Garland Erbele, Chief Engineer
Water Rights Program

WATER RIGHT NO. 5416-3
SIOUX FALLS PARKS AND RECREATION DEPT.



Lynn Beck

Lynn Beck
Natural Resources Engineer Specialist
DENR, Water Rights Program
October 8, 2002



South Dakota Department of
Environment and Natural Resources



Protecting South Dakota's Tomorrow ... Today

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5416-3

(1) The City of Sioux Falls, Parks and Recreation Department, 600 E 7th St, Sioux Falls SD 57103 made Application No. 5416-3, March 8, 1990 for a water permit to divert 0.54 cubic feet of water per second (cfs) from groundwater (one well), Minnehaha County, South Dakota for irrigation purposes. Permit No. 5416-3, with a priority date of March 8, 1990 was approved May 24, 1990 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 24, 1995 and for the application to beneficial use of water on or before May 24, 1999.

An investigation conducted for licensing purposes found the well under Water Permit No. 5416-3 was not in the location authorized by the permit. Pursuant to SDCL 46-5-13.1, the Chief Engineer makes a finding that the change in location of diversion point does not increase the potential for interference with existing water rights.

(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. 5416-3 is issued a license, bearing a priority date of March 8, 1990, to appropriate 0.29 cubic feet of water per second from groundwater (one well) to irrigate 20 acres of Dunham Park.

The diversion point is located: 1,965 feet north and 1,035 feet west of the southeast corner of Section 23-T101N-R50W (NE ¼ SE ¼). The acres authorized for irrigation are as follows:

Section 23-T101N-R50W	NE ¼ SW ¼	4 acres
	NE ¼ SE ¼	11 acres
	SW ¼ SE ¼	5 acres
Total 20 acres		

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 5416-3 including the following qualifications:

1. The well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. Approval of Permit No. 5416-3 limits the diversion rate to 0.29 cfs.

Garland Erbele

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

JUN 20 2003

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 20 2003

City of Sioux Falls
Diane Gildemaster
Parks and Recreation Department
600 East 7th St
Sioux Falls SD 57103

Dear Ms. Gildemaster:

Enclosed are Water License Nos. 5416-3, 5512-3, 5698-3 and 5775-3 for the Parks and Recreation Department. A map prepared by Lynn Beck is also included for each permit as well as receipts for payment of the license fees.

These are the final water right documents completing the city's process of obtaining Water Rights.

As long as the Parks and Recreation Department uses the water beneficially, as stated in the Water Licenses, State Water Laws provide a continuing right to use the water.

Sincerely,

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

NOTE: The applicable portions of No. 5605-3 are incorporated into Water License No. 5698-3.

enclosures



5416-3
**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

5416-3



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



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 19, 2024

NOTICE

TO: CITY OF SIOUX FALLS PARKS & REC DEPT, JOSH JOHNSON, 231 NORTH DAKOTA AVE, SIOUX FALLS, SD 57117 7402

FROM: Ron Duvall, Engineer III
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2023 Irrigation Questionnaire(s)

Our records indicate your 2023 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5416-3, 5556-3 & 6210A-3. The request for the Questionnaire was dated October 20, 2023. The Water Management Board has directed owners of water permits who have not submitted the 2023 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5416-3, 5556-3 & 6210A-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 6, 2024 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, 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. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 5416-3, 5556-3 & 6210A-3 in accordance with applicable provisions of SDCL 46-1-12;
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 before the **March 6, 2024** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Amanda Dewell at (605) 773-3352 or email at amanda.dewell@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: AXMXCF**

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.



5416-3 5556-3
6210A-3

**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 25, 2024

5416-3
5556-3
6210A-3

City of Sioux Falls
c/o Kelby Mieras
231 North Dakota Ave
Sioux Falls SD 57117

Dear Mr. Mieras:

I am writing to acknowledge the receipt of your 2023 irrigation questionnaire(s).

You may disregard the January 19, 2024, "Notice" concerning the reporting requirements for Water Permit No(s). 5416-3, 5556-3, 6210A-3. The information was received prior to the March 6, 2024, Water Management Board meeting and these permit numbers have been removed from the agenda.

If you have any questions, please contact me.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us