



**BURLEIGH COUNTY WATER RESOURCE DISTRICT AGENDA**

**Wednesday, November 8, 2017**

**City County Building – Tom Baker Meeting Room**

8:00 a.m. - Call to Order

- 1. Roll Call (Reep, Larson, Detwiller, Beck, Landenberger)
- 2. **Approval of 10-11-17 Minutes.....3-7**
- 3. **Approval of 10-24-17 Executive Session Minutes ..... 8**
- 4. McDowell Dam
  - Water Permit Application (Pending)
  - McDowell Property negotiations (On-hold – Landenberger, Larson)
  - McDowell Dam lease with Bismarck Parks and Rec expires 12/31/17 (Landenberger, Detwiller)
  - Updates to McDowell Dam Residence (Landenberger, Detwiller, Meyer)
  - Breach Overlay District – Pending SWC response on Breach Zone and Hazard Classification (Landenberger, Reep, Gunsch)
  - Inventory Tags (Landenberger)
  - McDowell Dam Revenue..... 9
- 5. Comments from Members of the Public:
- 6. Financial Reports
  - End of October..... 10-15
- 7. **Approval of Bills \$26,689.91 ..... 16**
- 8. **Approval of MRCC Bills: \$11,331.21 ..... 16**
- 9. **Approval of Fox Island Bills: \$11,659.53..... 16**
- 10. Drainage Permits/Complaints/Issues
  - Pavlicek – Apple Creek Floodplain – Memorandum (Beck/Gunsch)
    - **Hearing: Pavlicek/Krein – 9 a.m. .... 17**
  - Peterka/Dettling - Notice and Order (Beck)
    - Compliance Letter (Complaint Closed) ..... 18
  - Laxdal Drainage complaint..... 102-105
- 11. Projects
  - Hay Creek Pines – Roadway and Groundwater Issues – Preliminary Engineering Report (on Website)
    - Stormwater Easements (Jeff Schild and Luke Steen) ..... 19
    - Letter to Alton and Arlene Nitschke dated 10-26-17 ..... 20-22
    - Records requests ..... 23-78
    - Nitschke complain appeal submitted to the State Engineer ..... 79-81
    - Letter from Joyce and Randy Schwartz opposing specials..... 82-101
    - Next Steps
  - Missouri River Correctional Center Flood Control Project
    - Bond Information – Assessment District Certification Letter to Auditor Glatt..... 82-101
  - Fox Island Status (Michael)
    - Project Meetings (Larson)
    - Township Roadway ROW - Easement Request (Submitted to County Engineer)
    - USACE Section 408 (Pending) Garrison-Oahe Revetment Easements
    - Plans and Specifications – 90% Consultations with County Engineer on Design Standards
    - Landowner Levee Easements (Signatures)
    -
- 12. Break

- 13. Other Old Business
  - Policy Manual – REVISED Draft Update (Michael, Dave, Mona) (Tile Drainage Section Review)
  - Missouri River Setback Resolutions - Burleigh County/City of Bismarck Planning Commission – (Pending Review)
  - Mitchell Lake Culvert – SWC info on Site Inspection (Greg Larson/Houston Engineering)
  - USGS Geomorphology Study – (On hold pending Federal funding requests)
  - Signed USGS 2018 gages (Informational)..... 106-107
  - Letter to NDSWC re: SOV S-2089..... 108
  
- 14. New Business
  - **I-pad/Surface Pro purchases in FY2017 (3-8-17 motion was made to allow up to \$1,000 on replacement purchase)**
  - **Schedule Executive Session in December to review RFP's**
  - 
  -
  
- 15. Correspondence or Document Information
  - SOV S-1959B Bismarck Parks and Rec ..... 109-113
  - ND Irrigation Association Expo ..... 114-116
  - Plats & SWMP – Emailed – will be brought to meeting due to size of some (Comments on Plats)
    - Heritage Reserve Subdivision SWMP
    - Heritage Reserve Subdivision final plat
    - Heritage Park Second Addition
    - Heritage Ridge Second Addition
    - Heritage Park Second Addition Annexation
  
- 16. Detailed Bills ..... 117
  
- 17. Next Meeting: December 13, 2017
  
- 18. Adjourn to Executive Session to discuss with Attorney request for email records by the Nitschkes
  
- 19. Reconvene to provide outcome of discussion.
  
- 20. Adjourn

**Note: Bold Items Require Board Action**

BCWRD Meeting Minutes  
 October 11, 2017 – City County Building  
 Draft – not approved yet

Agenda Items	Discussion	Board Action	Responsible Party	Due Date
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**Present:** Chairman Greg Larson, Dennis Reep, Rick Detwiller, Rod Beck; James Landenberger, Michael Gunsch, Houston Engineering, Inc.; Dave Bliss, Bliss Law Firm, LLC; Commissioner Kathleen Jones, Burleigh County Commissioner and Mona Livdahl, Personalized Management Services.

**Others Present:** Alton & Arlene Nitschke, Noel Laxdol, Dave Meyer, Dave Robinson, Bismarck Parks & Rec.

Chairman Larson called the meeting to order at 8:04 a.m. noting a quorum was present.

	Discussion	Action Taken	Responsible Party(s)	Due Date
<b>Approval of 9-6-17 Minutes:</b>		<b>Mgr. Reep moved to approve, Beck seconded. Motion carried.</b>		
<b>Approval of 9-29-17 Special Meeting Minutes:</b>		<b>Mgr Beck moved to approve, Detwiller seconded. Motion carried.</b>		
<b>McDowell Dam</b>				
<b>Water Permit:</b>	Still in process.			
<b>Lease:</b>	Mgr. Detwiller noted that the Parks and Rec has met with two members of the water resource district. An electronic copy will be sent to Attorney Bliss to review.			12/31/17
<b>Property Negotiations:</b>	Eng. Gunsch noted we need to meet with Wade Bachmeier first, then the property owner.			
<b>Update on McDowell Dam house:</b>	Steps are about 90% done. The cabinets are on order, the stoops have been cleaned up as well as the basement. Also working on the irrigation system.			
<b>Inventory Tags:</b>	Discussed tags to put on our equipment at McDowell Dam for inventory.	<b>Mgr. Landenberger will look into this.</b>		
<b>Turf Mower:</b>	A second request was sent out on the turf mower, only RDO responded.	<b>Landenberger moved to proceed with approving the second mower. Reep seconded. Motion carried. Detwiller noted the combined total for two mowers would be \$38,713.88 and moved to approve, Landenberger seconded. Motion Carried.</b>		
<b>Breach Overlay District:</b>	Engineer Gunsch noted he spoke to Karen Goff, they need to sent out a letter but are working on it internally for now.			
<b>Inspection of McDowell Dam:</b>	Mgr. Reep and Detwiller participated in the inspection.	The BCWRD will be receiving the report shortly.		

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Agenda Items	Discussion	Board Action	Responsible Party	Due Date
<b>Comments from Members of the Public:</b>				
Noel Laxdol	Mr. Laxdol submitted an obstruction complaint for the waterways south of the project.	Engineer Gunsch noted that the complaint submitted by Gary Christianson for the same area has been suspended and this complaint will go with Mr. Christianson's to be dealt with at that time.		
Arlene Nitschke	Mrs. Nitschke felt that they did not stand a chance with this project. Felt that the water should have been tested for contaminants.	Commissioner Jones reaffirmed that the BCWRD board has limited authority and encouraged the Nitschke's to call the Health Department and Environmental Services.		
Alton Nitschke:	Mr. Nitschke noted he did contact the Health Department and felt they were apathetic to their needs.	Chairman Larson noted again that the ND Century Code is very limited as to what the BCWRD can do.		
<b>Financial Reports</b>				
<b>End of September:</b>	Reviewed no action needed.			
<b>BCWRD Bills:</b>		<b>Manager Detwiller moved to approve the bills in the amount of \$98,218.87 which includes the turf mower, Reep seconded. Motion Carried.</b>		
<b>MRCC Bills:</b>		<b>Mgr. Beck moved to approve the MRCC bill in the amount of \$87,147.87, Mgr. Landenberger seconded. Motion Carried.</b>		
<b>Fox Island bills:</b>		<b>Mgr. Reep moved to approve the Fox Island bills totaling \$34,527.72, Detwiller seconded. Motion Carried.</b>		
<b>Drainage Permits &amp; Complaints</b>				
<b>Peterka/Dettling</b>	Mgr. Beck spoke to Mr. Peterka and he has reshaped the area. Houston noted that they completed the survey work and did verify the elevations. Mr. Dettling requested a letter of compliance from BCWRD.	<b>Mgr. Beck moved to authorize Houston Engineering to write a letter of compliance to the Mrs. Dettling, Landenberger seconded. Motion carried.</b>	Gunsch/Beck	November 8
<b>Pavlicek/Apple Creek Floodplain</b>		<b>Schedule hearing, Attorney Bliss and Engineer Gunsch will work on this..</b>	Beck, Gunsch, Bliss	
<b>Projects:</b>				
<b>Hay Creek Pines</b>	No actionable items to discuss.			
<b>Open Records</b>	An open records request was received from the Nitschke's.	<b>Mona will supply the information requested for the Nitschke's.</b>		October
<b>MRCC:</b>				
<b>Pay Request #8:</b>	This is the final payment as well as release of retainage.	<b>Approved under bills</b>		
<b>Bond Approval</b>	Two resolutions need to be approved and acted on separately.	<b>Warrant resolution creating a fund of an improvement district and authorizing improvement warrants. Manager Reep moved to approve,</b>		

Agenda Items	Discussion	Board Action	Responsible Party	Due Date
		<b>Landenberger seconded. Motion carried unanimously. Bond Resolution \$395000 Series 2017: Detwiller moved to approve, Beck seconded. Motion Carried unanimously.</b>		
<b>Certify Assessment District as presented.</b>	Eng. Gunsch presented the special assessment list as of 9-11 to be provided to Auditor Glatt. The highlighted portions were changes or modifications made i.e. lot combinations, sales, etc.	<b>Mgr. Detwiller moved to approve, Landenberger seconded. Motion Carried.</b>	Gunsch, Larson, Bliss	
<b>Fox Island:</b>				
<b>Project Meeting:</b>	Project meetings continue to be held.	Still doing landscaping tweaking, this is moving forward.		
<b>USACE Section 408/Easements</b>	The easements on the roadway are going as planned. We still have a few easements that need signing.		Gunsch, Larson	
<b>Old Business</b>				
<b>Policy Manual</b>	We are still revising.		BCWRD board	
<b>Mitchell Lake</b>	Eng. Gunsch noted he is still working with the State Engineer on the pipe issue. We still need to talk to the landowner.	.		
<b>Missouri River:</b>	Setbacks are still under review.			
<b>USGS Geomorphic Study:</b>	No updates.			
<b>New Business</b>				
<b>2018 Budget Status Update.</b>	Commissioner Jones noted the budget was approved as presented.	Discussed having two managers be involved with the upcoming budget. We will place on the January agenda when assigning portfolios. Mgr. Reep expressed interest in assisting with the budget preparation.		
<b>USGS FY 2018 Gages</b>	We received the gage request for 2018 for operation and maintenance of the Apple Creek gages.	<b>Landenberger moved to approve, Reep seconded. Motion carried.</b>		
<b>Correspondence:</b>				
<b>SOV-2090</b>	Sprint is putting a cable under the Missouri River.	No action needed.		
<b>SOV 2089</b>	Engineer Gunsch noted that we are the sponsors on this, they are doing improvements within our easements. We have 30 days to comment and felt that the board should send a letter to the applicant letting them know thae project needs to be	<b>Manager Reep moved to have Houston Engineering prepare a letter indicating that we need to have the work reviewed by an engineer. Landenberger seconded. Discussed the timeline, Mgr. Reep amended his motion to allow for the 30 day timeline, Landenberger seconded. Motion Carried.</b>		

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Agenda Items	Discussion	Board Action	Responsible Party	Due Date
	reviewed by this board and they need a floodplain development from the county. The review should be done by the engineer.			
<b>Plats</b>	No comments necessary			
<b>Next Meeting:</b>	The next meeting will be November 8 <sup>th</sup> , not the 15 <sup>th</sup> as listed.			November 8

Meeting adjourned at 9:15 a.m.

*Mona Livdahl*

Mona Livdahl, BCWRD Admin. Secretary

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### 10-24-17 BCWRD Special Meeting

Chairman Larson called to order at 5 p.m. noting a quorum was present.

**Present:** Chairman Larson, Rod Beck, Rick Detwiller, Dennis Reep, James Landenberger, Michael Gunsch, Houston Engineering, Inc.; Kathleen Jones, Burleigh County Commissioner; David Bliss, Bliss Law Firm and Mona Livdahl, Personalized Management Services, Inc.

Adjourned at 5:03 p.m. for Executive Session.

Executive Session was reconvened at 6:07 p.m.

**Reep moved that in regards to Hay Creek Pines, Rod Beck be the spokesperson for the WRD, Landenberger seconded. Motion Carried.**

**Next Meeting:** November 8th

With no further business the meeting adjourned at 6:10 p.m.



Mona Livdahl  
BCWRD Executive Secretary



BURLEIGH COUNTY WATER RESOURCE DISTRICT  
McDowell Dam Revenue

Bismarck Parks & Recreation District  
400 E. Front Ave  
Bismarck, ND 58504

July 1 - September 30, 2017

Date Submitted: 10/10/2017

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Boat Rentals	\$ 18,930.51
Concession Sales	377.47
Cash Over/(Short)	43.59
Shelter Permits	4,170.00
Less: Refunds	<u>(277.50)</u>
Total Revenue - Year to Date	\$ 23,244.07
Less: Previous Revenue Reimbursement	<u>\$ (7,687.95)</u>
Total Revenue Due	<u>\$ 15,556.12</u>

## Burleigh County Water Resource District (BCWRD)

11/03/17

## Profit &amp; Loss Budget vs. Actual

Accrual Basis

January through October 2017

	Jan - Oct 17	Budget
<b>Income</b>		
31110 · Real Estate Tax	657,865.98	709,500.00
31810 · In Lieu of Tax	5,137.48	5,000.00
33610 · State Aid Distribution	78,755.96	50,000.00
33620 · Homestead Credit	0.00	4,000.00
33810 · Reimbursements		
33810-C · Apple Valley Special Assessment	1,302.69	
33810-E · Country Ridge/Creek	157.65	
33810-G · Burnt Creek	55,939.11	
33810-J · Hay Creek	35,128.47	
33810 · Reimbursements - Other	847.16	
<b>Total 33810 · Reimbursements</b>	<b>93,375.08</b>	
34110 · Operations & Maintenance		
34110-b · Apple Valley Cooperative Lagoon	2,686.52	
34110-c · Burnt Creek Floodway O&M	135.04	
34110-e · Country Creek/Country Ridge	409.44	
<b>Total 34110 · Operations &amp; Maintenance</b>	<b>3,231.00</b>	
36110 · Interest	1,880.89	100.00
36210 · McDowell Dam Recreation Income	7,687.95	8,000.00
36215 · McDowell Dam Land Lease	2,825.00	2,800.00
36910 · Misc Revenue	0.00	1,500.00
<b>Total Income</b>	<b>850,759.34</b>	<b>780,900.00</b>
<b>Gross Profit</b>	<b>850,759.34</b>	<b>780,900.00</b>
<b>Expense</b>		
111 · Payroll Expenses	17,934.00	30,000.00
111A · Payroll Taxes	0.00	3,000.00
112 · Management Services		
113 · Accounting Services	2,765.00	3,000.00
112 · Management Services - Other	12,501.57	18,000.00
<b>Total 112 · Management Services</b>	<b>15,266.57</b>	<b>21,000.00</b>
114 · Audit	6,000.00	6,000.00
312 · Legal Fees	12,219.40	18,000.00
315 · Engineering Administration	9,000.00	18,000.00
328 · Liability Insurance	3,419.11	2,700.00
335 · Building Rent	0.00	2,000.00
341 · Travel	163.80	1,600.00
376 · Dues & Publications	1,200.00	4,000.00
411 · Office Supplies	1,462.10	2,500.00
904 · McDowell Dam		
904-1 · Engineering Costs	7,421.50	
904-2 · Legal Fees	115.50	
904-A · Administrative Fee	30,968.59	
904-B · McDowell Dam (Buffer Zone)	0.00	80,000.00
904 · McDowell Dam - Other	121,195.11	234,375.00
<b>Total 904 · McDowell Dam</b>	<b>159,700.70</b>	<b>314,375.00</b>
905 · McDowell Dam-Capital Improvemen	57,156.87	10,000.00
910 · Projects		
910A · Missouri River Shared		
910A-1 · Engineering Costs	1,235.00	
<b>Total 910A · Missouri River Shared</b>	<b>1,235.00</b>	
910D · MRCC		
910D-1 · Engineering Costs	545,025.54	
910D-2 · Legal Fees	4,389.00	
910D-3 · Administrative / Other	34.30	
910D · MRCC - Other	493,858.14	

## Burleigh County Water Resource District (BCWRD)

11/03/17

## Profit &amp; Loss Budget vs. Actual

Accrual Basis

January through October 2017

	Jan - Oct 17	Budget
Total 910D · MRCC	1,043,306.98	
910F · Apple Creek Industrial Park		
910F-1 · Engineering Costs	997.50	
910F · Apple Creek Industrial Park - Other	50.00	
Total 910F · Apple Creek Industrial Park	1,047.50	
910G · Burnt Creek		
910G-1 · Engineering Costs	2,523.50	
910G-3 · Interest Expense	9,075.00	
910G · Burnt Creek - Other	225.00	
Total 910G · Burnt Creek	11,823.50	
910H · Fox Island		
910H-1 · Engineering Costs	307,649.24	
910H-2 · Legal Fees	3,742.20	
910H · Fox Island - Other	1,645.00	
Total 910H · Fox Island	313,036.44	
910I · Apple Valley		
910I-3 · Interest Charges	7,560.00	
Total 910I · Apple Valley	7,560.00	
910K · Apple Creek	0.00	6,500.00
910L · Hay Creek	12.50	188,025.00
910M · Neideffer Dam	0.00	5,000.00
910N · Hay Creek Pines		
910N-1 · Engineering Costs	39,780.37	
910N-2 · Legal Fees	5,174.40	
910N-3 · Hay Creek Pines --- Other	13,307.25	
Total 910N · Hay Creek Pines	58,262.02	
Total 910 · Projects	1,436,283.94	199,525.00
911 · Misc	4,000.00	2,500.00
920 · Continuing Education	145.00	2,500.00
932 · City/County Watershed Planning	0.00	20,000.00
933 · Missouri River General Services	0.00	25,000.00
937 · Design/Special Assessment		
937A · Apple Valley - Administrative		
937A-3 · Apple Valley Interest	507.50	
937A · Apple Valley - Administrative - Other	11,537.50	
Total 937A · Apple Valley - Administrative	12,045.00	
Total 937 · Design/Special Assessment	12,045.00	
940 · Operations & Maintenances		
940A · Burnt Creek Watershed	0.00	5,000.00
Total 940 · Operations & Maintenances	0.00	5,000.00
941 · Stream Gages		
941A · Apple Creek & Hay Creek	5,800.00	
941 · Stream Gages - Other	0.00	3,200.00
Total 941 · Stream Gages	5,800.00	3,200.00
960 · Drainage Complaints		
960-1 · Engineering Costs	21,721.60	
960-2 · Legal	924.00	

2:27 PM

11/03/17

Accrual Basis

# Burleigh County Water Resource District (BCWRD)

## Profit & Loss Budget vs. Actual

January through October 2017

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	Jan - Oct 17	Budget
960 · Drainage Complaints - Other	62.50	70,000.00
Total 960 · Drainage Complaints	22,708.10	70,000.00
970 · Storm Water Management Plans	0.00	20,000.00
975 · Workforce Safety Insurance	250.00	
Total Expense	1,764,754.59	780,900.00
Net Income	<u>-913,995.25</u>	<u>0.00</u>

Burleigh County Water Resource District (BCWRD)

Profit & Loss Budget vs. Actual

January through October 2017

	\$ Over Budget	% of Budget
<b>Income</b>		
31110 · Real Estate Tax	-51,634.02	92.7%
31810 · In Lieu of Tax	137.48	102.7%
33610 · State Aid Distribution	28,755.96	157.5%
33620 · Homestead Credit	-4,000.00	0.0%
33810 · Reimbursements		
33810-C · Apple Valley Special Assessment		
33810-E · Country Ridge/Creek		
33810-G · Burnt Creek		
33810-J · Hay Creek		
33810 · Reimbursements - Other		
Total 33810 · Reimbursements		
34110 · Operations & Maintenance		
34110-b · Apple Valley Cooperative Lagoon		
34110-c · Burnt Creek Floodway O&M		
34110-e · Country Creek/Country Ridge		
Total 34110 · Operations & Maintenance		
36110 · Interest	1,780.89	1,880.9%
36210 · McDowell Dam Recreation Income	-312.05	96.1%
36215 · McDowell Dam Land Lease	25.00	100.9%
36910 · Misc Revenue	-1,500.00	0.0%
<b>Total Income</b>	<b>69,859.34</b>	<b>108.9%</b>
<b>Gross Profit</b>	<b>69,859.34</b>	<b>108.9%</b>
<b>Expense</b>		
111 · Payroll Expenses	-12,066.00	59.8%
111A · Payroll Taxes	-3,000.00	0.0%
112 · Management Services		
113 · Accounting Services	-235.00	92.2%
112 · Management Services - Other	-5,498.43	69.5%
Total 112 · Management Services		
114 · Audit	0.00	100.0%
312 · Legal Fees	-5,780.60	67.9%
315 · Engineering Administration	-9,000.00	50.0%
328 · Liability Insurance	719.11	126.6%
335 · Building Rent	-2,000.00	0.0%
341 · Travel	-1,436.20	10.2%
376 · Dues & Publications	-2,800.00	30.0%
411 · Office Supplies	-1,037.90	58.5%
904 · McDowell Dam		
904-1 · Engineering Costs		
904-2 · Legal Fees		
904-A · Administrative Fee		
904-B · McDowell Dam (Buffer Zone)	-80,000.00	0.0%
904 · McDowell Dam - Other	-113,179.89	51.7%
Total 904 · McDowell Dam		
905 · McDowell Dam-Capital Improvemen	47,156.87	571.6%
910 · Projects		
910A · Missouri River Shared		
910A-1 · Engineering Costs		
Total 910A · Missouri River Shared		
910D · MRCC		
910D-1 · Engineering Costs		
910D-2 · Legal Fees		
910D-3 · Administrative / Other		
910D · MRCC - Other		

Burleigh County Water Resource District (BCWRD)

Profit & Loss Budget vs. Actual

January through October 2017

	\$ Over Budget	% of Budget
Total 910D · MRCC		
910F · Apple Creek Industrial Park		
910F-1 · Engineering Costs		
910F · Apple Creek Industrial Park - Other		
Total 910F · Apple Creek Industrial Park		
910G · Burnt Creek		
910G-1 · Engineering Costs		
910G-3 · Interest Expense		
910G · Burnt Creek - Other		
Total 910G · Burnt Creek		
910H · Fox Island		
910H-1 · Engineering Costs		
910H-2 · Legal Fees		
910H · Fox Island - Other		
Total 910H · Fox Island		
910I · Apple Valley		
910I-3 · Interest Charges		
Total 910I · Apple Valley		
910K · Apple Creek	-6,500.00	0.0%
910L · Hay Creek	-188,012.50	0.0%
910M · Neideffer Dam	-5,000.00	0.0%
910N · Hay Creek Pines		
910N-1 · Engineering Costs		
910N-2 · Legal Fees		
910N-3 · Hay Creek Pines --- Other		
Total 910N · Hay Creek Pines		
Total 910 · Projects	1,236,758.94	719.9%
911 · Misc	1,500.00	160.0%
920 · Continuing Education	-2,355.00	5.8%
932 · City/County Watershed Planning	-20,000.00	0.0%
933 · Missouri River General Services	-25,000.00	0.0%
937 · Design/Special Assessment		
937A · Apple Valley - Administrative		
937A-3 · Apple Valley Interest		
937A · Apple Valley - Administrative - Other		
Total 937A · Apple Valley - Administrative		
Total 937 · Design/Special Assessment		
940 · Operations & Maintenances		
940A · Burnt Creek Watershed	-5,000.00	0.0%
Total 940 · Operations & Maintenances	-5,000.00	0.0%
941 · Stream Gages		
941A · Apple Creek & Hay Creek		
941 · Stream Gages - Other	-3,200.00	0.0%
Total 941 · Stream Gages	2,600.00	181.3%
960 · Drainage Complaints		
960-1 · Engineering Costs		
960-2 · Legal		

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# Burleigh County Water Resource District (BCWRD)

## Profit & Loss Budget vs. Actual

January through October 2017

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	\$ Over Budget	% of Budget
960 · Drainage Complaints - Other	-69,937.50	0.1%
Total 960 · Drainage Complaints	-47,291.90	32.4%
970 · Storm Water Management Plans	-20,000.00	0.0%
975 · Workforce Safety Insurance		
Total Expense	983,854.59	226.0%
Net Income	-913,995.25	100.0%

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BCWRD Invoices

11-8-17

Name	Project	Invoice	Amount
Aqua Irrigation/Alex Seibel	McDowell Dam irrigation	1065	\$1,171.29
Bliss Law Firm	October	19228	\$4,512.65
Bismarck Parks and Rec	Admin	4822	\$3,123.78
Bismarck Parks and Rec	Expenses	4822	\$12,495.13
Bismarck Tribune	Public hearing notice Hay Creek Pines	20909407	\$258.96
Burleigh County	Burnt Creek Floodway	#####	\$3,000.00
Fronteer Payroll	October payroll processing	66676	\$125.00
Fronteer Payroll	3rd Quarter payroll reports	66703	\$125.00
Fronteer Payroll	July payroll processing	65859	\$125.00
Houston Engineering	McDowell Dam		
Houston Engineering	General	36703	\$2,000.00
Houston Engineering	Burnt Creek Floodway	36704	\$154.00
Houston Engineering	Drainage Complaints	36707	\$1,161.50
Houston Engineering	Missouri River Bank Stabilization	36708	\$237.50
Menards	House at McDowell Dam - flooring	16057	\$1,475.06
Outland Services, LLC	Deck at McDowell Dam	147	\$9,820.00
PMS	October Services	6086	\$2,523.95
	Subtotal		\$42,308.82
<b>MRCC Bills</b>			
Houston Engineering	Work Order #18 SA 25	36706	\$8,977.71
Braun Intertec	MRCC	B105115	\$853.50
Burleigh County	MRCC Special Assessment set up	#####	\$1,500.00
	Subtotal		\$11,331.21
<b>Fox Island Bills</b>			
Houston Engineering	Fox Island	36705	\$9,915.53
Braun Intertec	Fox Island	B108819	\$1,744.00
	Subtotal		\$11,659.53
	<b>TOTAL</b>		\$65,299.56



COPY



# Burleigh County Water Resource District

1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
[www.bcwrld.org](http://www.bcwrld.org)

October 23, 2017

Chris Krein  
3405 East Divide Avenue  
Bismarck, ND 58501

Dustin Pavlicek  
1800 Poplar Drive  
Bismarck, ND 58504

**Re: Dustin Pavlicek Drainage Complaint  
Notice of Hearing**

Dear Mr. Pavlicek and Mr. Krein:

As you know, Mr. Pavlicek filed a drainage complaint with the water resource district which alleged that Mr. Krein placed fill on adjacent property, which adversely affected drainage from and along his property. The district subsequently issued its notice and order to compel Mr. Krein to take certain actions to remedy the drainage issues presented by Mr. Pavlicek. Mr. Krein has since requested a hearing on the district's order.

Please take notice that the district has set this matter for hearing on **Wednesday, November 8<sup>th</sup>, 2017 at approximately 9 a.m. in the Tom Baker Room, City/County Building**, at which time it will hear Mr. Krein's response to the district's order.

Also, please take notice that Mr. Pavlicek is unable to attend, however the district will represent his interests at this time as the district issued the notice and order. The District will send correspondence to Mr. Pavlicek via email as per his request.

Sincerely,

A handwritten signature in cursive script that reads "Greg Larson".

Greg Larson, Chairman



# Burleigh County Water Resource District

1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
[www.bcwrld.org](http://www.bcwrld.org)

October 17, 2017

Matt and Lois Dettling  
2701 76<sup>th</sup> Street NE  
Bismarck, ND 58503

RE: ARTIFICIAL WATERCOURSE - LOT 2 BLOCK 4, SUNNYVIEW EIGHTH SUBDIVISION  
COMPLIANCE LETTER

Dear. Mr. and Mrs. Dettling:

At your request, the Burleigh County Water Resource District conducted a field inspection and survey related to the removal of the watercourse obstruction on your property. Based on this survey it was determined the removal was completed in accordance with the staking provided. Therefore, you are in compliance with the Board's notice and order, and this matter is closed.

We greatly appreciate your cooperation in the correction of this issue.

If you have any questions, please contact Rod Beck at 220-5313.

Respectfully,

A handwritten signature in cursive script, appearing to read "Greg Larson".

Greg Larson, Chairman  
Burleigh County Water Resource District

Enclosure

C: BCWRD Board Members  
David Bliss, Bliss Law  
Michael Gunsch, Houston Engineering  
Marcus Hall, Burleigh County Engineer  
Bill and Avie Peterka



# Burleigh County Water Resource District

1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
[www.bcwrdd.org](http://www.bcwrdd.org)

October 26, 2017

Alton and Arlene Nitschke  
2160 84<sup>th</sup> Avenue NE  
Bismarck, ND 58503

Re: Hay Creek Pines Groundwater Removal Project


Dear Mr. and Mrs. Nitschke:

The Burleigh County Water Resource District has had continued discussions regarding your water quality concerns on the Hay Creek tributary through your property, and from the Hay Creek Pines Groundwater removal project. As such we have elected to conduct additional water quality testing to further establish baseline data. Subsequently, Braun Interec will be collecting surface water samples on Hay Creek at 84<sup>th</sup> Avenue, as well as upstream at 26<sup>th</sup> Street to the northeast and at Walsh Dam to the northwest. These samples will be tested for the same water chemistry panel as the original well samples. In addition, these surface water samples will be tested for E-Coli and Fecal Coliform. We have also direct samples to be taken from the two southernmost monitoring wells, which will be tested for E-Coli and Fecal Coliform. Since, Coliform is a naturally occurring bacteria in both soils and water there will not be testing completed for this item.

Such testing is not required under the North Dakota Century Code related to the subsurface drainage permit process. We are electing to do so, however, to document existing water quality status. Subsequently, as we did with the last round of testing we will inform you when this sampling will occur, so if you chose to monitor the process you are free to do so.

Rod Beck is the Board's representative and will contact you regarding when the sampling will occur, which is likely to be early in November. If you have questions regarding this testing you may contact him at 220-5313.

Respectfully,

  
Greg Larson, Chairman

C: Randall Bakke  
BCWRD Members  
Kathleen Jones, Burleigh County Commissioner

---

Current Board Members:

Greg Larson, Chairman, Bismarck 400-7217 Dennis Reep, Vice Chairman, Bismarck 223-7052 Rick Detwiler, Secretary/Treasurer, Bismarck 223-8782 Rodney Beck, Bismarck 220-5313 James Landenberg, 426-6439

October 30, 2017

VIA MAIL ONLY

Burleigh County Water Resource District  
1720 Burnt Boat Drive, Suite 205  
Bismarck, ND 58503

**Re: Hay Creek Pines Ground Water Removal Project**

To Whom It May Concern:

As you know, at the Burleigh County Water Resource District meeting on September 29, 2017 at 5:30 p.m. at the Tom Baker meeting room at the City of Bismarck the Water Resource District took public comments regarding this project. At the meeting several individuals spoke out against and in protest of the project, including Alton and Arlene Nitschke and the undersigned. There were significant and detailed comments provided by us in opposition to this project. I would hereby request a copy of the audio recording of this meeting, as I am unable to locate it on the Burleigh County website. Similarly, I would request copies of any written notes. It is my understanding that the audio recording should be made publicly available.

If there is any charge for the audio recording or meeting minutes, I would be happy to pay an incidental charge involved.

Thank you for your consideration. I look forward to your prompt response and provision of the audio recording and meeting minutes.

Very truly yours,

  
Randall J. Bakke

RJB/sam

## Mona Livdahl

---

**From:** Alton Arlene Nitschke <aen2160@outlook.com>  
**Sent:** Thursday, October 19, 2017 9:28 PM  
**To:** mona@midco.net  
**Cc:** Greg Larson  
**Subject:** Recorded audio of September 29, 2017

Mona

I have reviewed your response from you on my request for recorded audio of the September 29, 2017 Meeting. While I have receipt of the minutes, I don't see that the meeting was recorded or that you provided a copy of video and recording of that meeting to me. Can I please obtain an electronic recording of this meeting?

Alton Nitschke

## Mona Livdahl

---

**From:** Alton Ariene Nitschke <aen2160@outlook.com>  
**Sent:** Thursday, November 2, 2017 7:20 PM  
**To:** glarson@century21morrison.com  
**Cc:** rrbeck54@bis.midco.net; dwburleighwrd@gmail.com; rdetwiller1@gmail.com; mgunsch@houstoneng.com; kathleenathome@bis.midco.net; mona@midco.net; james.landemberger@bartwest.com  
**Subject:** Records Request

November 2, 2017

Mr. Greg Larson, Chairman  
Burleigh County Water Resource District  
1720 Burnt Boat Dr. Suite 205  
Bismarck, ND 58503  
Dear Mr. Larson:

Under the North Dakota Open Records Statute, N.D.C.C. 44-04-18 et seq., I am requesting an electronic copy of all the emails of the following board members, consultant and county Commissioner for the period from June 1, 2017 to November 1, 2017. As a downstream landowner of Hay Creek Pines, it is important for me to understand the logic of ongoing decision making process and the operations of how business is conducted.

Greg Larson [glarson@century21morrison.com](mailto:glarson@century21morrison.com)  
Rod Beck [rrbeck54@bis.midco.net](mailto:rrbeck54@bis.midco.net)  
Dennis Reep [dwburleighwrd@gmail.com](mailto:dwburleighwrd@gmail.com)  
Rick Detwiller [rdetwiller1@gmail.com](mailto:rdetwiller1@gmail.com)  
Michael Gunsch, PE [mgunsch@houstoneng.com](mailto:mgunsch@houstoneng.com)  
Kathleen Jones [kathleenathome@bis.midco.net](mailto:kathleenathome@bis.midco.net)  
Mona Livdahl [mona@midco.net](mailto:mona@midco.net)  
James Landemberger, PE [james.landemberger@bartwest.com](mailto:james.landemberger@bartwest.com)

If there are other emails used by any of the above mentioned names in conducting business of Burleigh County Water Resource District, then those emails are included in this request by reference.

I request a waiver of all fees for this request as a downstream landowner I am affected by decisions of Burleigh County Water Resource District. These electronic files may be copied to a flash drive, CD or other transferrable media. I will be happy to supply flash drives to copy these files onto.

If you have any questions, you may email me or call me at 701-222-8460

Thank you.

Respectfully

Alton A. Nitschke



# State of North Dakota

## Office of the State Engineer

### Regulatory Division

900 EAST BOULEVARD AVE. • BISMARCK, ND 58505-0850  
Regulatory Division (701) 328-2752 • FAX (701) 328-3696 • <http://swc.nd.gov>

October 26, 2017

Mr. Alton Nitschke  
2160 84<sup>th</sup> Ave NE  
Bismarck, ND 58503

Mr. Randall Bakke  
P.O. Box 460  
Bismarck, ND 58502

RE: Complaint appeal submitted to the State Engineer

Dear Mr. Nitschke and Mr. Bakke:

The Office of the State Engineer (OSE) has reviewed your Appeal of a Water Resource District Drainage Complaint Decision (Appeal) (enclosed), which was received by our office on September 25, 2017. Your Appeal concerns a subsurface water management or drainage system project proposed to be located in the Hay Creek Pines subdivision in the NE  $\frac{1}{4}$  of Section 34, Township 140 North, Range 80 West, Burleigh County, North Dakota.

Upon review, it appears that there was not an original complaint filed by you with the Burleigh County Water Resource District regarding your issue. Drainage complaint appeals, as outlined in North Dakota Century Code (N.D.C.C.) §§ 61-32-07 and 61-32-08, are only applicable if an original complaint was filed and a decision was made by the local water resource district of jurisdiction.

Given the lack of an original complaint filed with your water resource district and a water resource district decision on a complaint, the OSE does not have jurisdiction in this matter. However, you may still have appeal rights with respect to appeals of water resource district decisions under N.D.C.C. § 61-16.1-54. For your review and convenience, I have enclosed a copy of "Drainage Statutes and Rules" and N.D.C.C. ch. 61-16.1, with this letter.

GARLAND ERBELE, P.E.  
SECRETARY AND STATE ENGINEER

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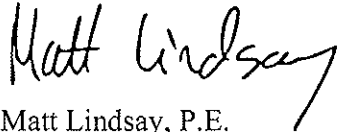
Mr. Alton Nitschke, Mr. Randall Bakke

Page 2

October 26, 2017

Please contact me at 701-328-4949 or [mlindsay@nd.gov](mailto:mlindsay@nd.gov) if you have any questions concerning this correspondence.

Sincerely,

A handwritten signature in black ink that reads "Matt Lindsay". The signature is written in a cursive, slightly slanted style.

Matt Lindsay, P.E.

Chief, Engineering and Permitting Section

ML:ph/1581

Enclosures

cc: Burleigh County Water Resource District  
David Bliss – Bliss Law Firm, LLC (electronic)

2/2





**APPEAL OF A WATER RESOURCE DISTRICT  
DRAINAGE COMPLAINT DECISION**

(PURSUANT TO SECTION 61-32-08 NDCC)  
(7/14)  
Office of the State Engineer  
900 East Boulevard Ave,  
Bismarck, ND 58505-0850

RECEIVED

SEP 25 2017

STATE WATER COMMISSION

CF

SWC USE ONLY

1. Burleigh County Water Resource District (WRD)
2. Drain Location: NE 1/4, 1/4 Section 34, Twp. 140 N., Rge 80 W.
3. Parties to the complaint: Burleigh County WATER RESOURCE DISTRICT  
Residents of Hay Creek Pines
4. Petitioner's interest in District's decision, including impact the decision has on Petitioner:  
We ARE Adjacent Downstream Landowners  
See Appendix A. Item 4
5. Relief the Petitioner seeks:  
See Appendix B Item 5
6. Statement identifying errors in WRD decision that entitle Petitioner to seek relief:  
See Appendix C item 6
7. Facts presented to WRD, which support Petitioner's position:  
See LISTING on Appendix D - item 7

Please enclose all materials relating to complaint, including copy of original complaint form submitted, supporting documentation, and a copy of the WRD's decision.

Petitioner's name, signature, and date signed:

Printed name RANDALL BARKE

Signature Randall Barke

Date: 9-25-17

Printed name Alton A. Nitschke

Signature Alton A. Nitschke

Date: 9/25/17

## Appeal of Burleigh County Water Resource District permit on Hay Creek Pines

### Appendix A Item 4.

We are the adjacent downstream landowners. Because of the quality of the water coming from this drainage, the volume of water, the poorly defined waterway and the nonfunctioning crossing at 84<sup>th</sup> Ave, we will be flooded with water that will cause unreasonable damage and harm to our property. The 84<sup>th</sup> Ave crossing is nonfunctioning and has already created damage to our land. We will be flooded with water that will destroy the quality of the soil to where it will not be productive and useable. This will cause unreasonable harm. Attached are water test results, an opinion letter from Dr. Cihacek and copy of NDSU document stating technical facts of harmful actions perpetrated on our property. The water test samples reported on did not include E coli or fecal coliform tests, however we did test it and coliform was present. Given that lateral pipes are to be installed which will go to the septic drain fields, this will also bring gray water in addition to water that is unfit for livestock and irrigation.

### Appendix B Item 5.

The permit should be denied. In the alternative water drained from Hay Creek Pines should be piped (drain tiled) down past 84<sup>th</sup> Ave. Additional water samples should be pulled to test for E coli and coliform.

### Appendix C item 6.

Water samples from the test wells were tested, however the tests did not include all essential attributes. The five basic items to be tested per USDA are Nitrates, Sulfates, Phosphates, Ecoli and coliform. E coli and coliform were not tested for. When we have complained about the water quality, we've been told that none of these really matter or that they are not really water quality people. The following is a test done on similar water that we are going to get. As you will note, cattle got sick and or died. See letter from Larry Cihacek.

<https://www.ars.usda.gov/ARUserFiles/30300000/Research/WATERQUALITYMKP6-09.pdf>

The complaint from Hay Creek Pines by Gary Christianson was never signed or completed. A copy is attached. Documents relating to the approval or acceptance of the permit application have incorrect dates on them and minutes or other documentation correcting this have not been done. Petitions were never dated so no legal status.

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No technical tests of the downstream property were done, no elevation shots were taken to determine if any issues exist in regard to obstructions in the waterway. A walk through was done but no pictures were taken, no reviews of various variances in elevations, no determination of how much sediment has built up north of 84<sup>th</sup> Ave was done (which is acting as a dam because of the nonfunctioning crossing at 84<sup>th</sup> Ave. and how that is building a dam). There were large cattails and other grasses covering all of this. Alton Nitschke offered to cut the cattails prior to the walk through but was told it wouldn't matter. So the decision to grant this permit is based on the simple desire just to do it. Even the preliminary evaluation purposely avoided any discussion about the risks to downstream land owners.

[http://www.bcwrld.org/image/cache/Hay\\_Creek\\_Pines\\_Public\\_Information\\_Meeting\\_12-22-2016.pdf](http://www.bcwrld.org/image/cache/Hay_Creek_Pines_Public_Information_Meeting_12-22-2016.pdf)

[http://www.bcwrld.org/image/cache/HayCreekPines\\_Prelim\\_Eng\\_Final\\_pdf\\_5-2-2017.pdf](http://www.bcwrld.org/image/cache/HayCreekPines_Prelim_Eng_Final_pdf_5-2-2017.pdf)

#### Appendix D. item 7

1. Letter from SEH Engineering
2. Letter from Larry Cihacek
3. Water test results by Houston Engineering
4. USDA publication on Livestock Water Quality
5. Complaint form by Gary Christianson
6. Copy of Petitions
7. Link to website on soil types on the property adjacent and downstream
8. Link to Soil maps  
[file:///F:/HAY%20Creek%20Pines/Soil%20issues%20for%20water/20170822\\_10103410937\\_1\\_Soil\\_Report.pdf](file:///F:/HAY%20Creek%20Pines/Soil%20issues%20for%20water/20170822_10103410937_1_Soil_Report.pdf)
9. Link to USDA tests of water containing same components as this water.
10. Signed application dated July 12, 2017. Actual date was August 9<sup>th</sup> 2017 from which 30 day notice began

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Building a Better World  
for All of Us®

Received 8/31/17  
Mona Swadlow

August 31, 2017

Board of Managers  
Burleigh County Water Resource District  
1720 Burnt Boat Drive, Suite 205  
Bismarck, ND 58503

RE: Protest Hay Creek Pines Groundwater Removal Project

To the Board of Managers:

The attached report is being submitted on behalf of Randall Bakke, and Alton and Arlene Nitschke as a summary of reasons why they are protesting the Hay Creek Pines Groundwater Removal Project. The report was developed after review of the following:

- Burleigh County Water Resource District's Hay Creek Pines Groundwater Removal Project Preliminary Engineering Report as prepared by Houston Engineering and dated May 1, 2017
- a public input meeting held June 2, 2017 held in the Tom Baker Room at the City County Building
- a site visit with Randy Bakke, Alton Nitschke, Rod Beck, and Nick Cullen June 26, 2017,
- a meeting with Randy Bakke and Alton and Arlene Nitschke, on July 20, 2017,
- Minnesota Valley Testing Laboratories test results provided by Alton and Arlene Nitschke.
- A copy of the thirty day notice to downstream property owners regarding application to install subsurface drain Hay Creek Pines Groundwater Removal Project.
- NRCS Soil Resource Report for the downstream properties

The protest is a result of this review and concerns with the detrimental effects of the collected groundwater from Hay Creek Pines being brought to the surface and discharged overland to a poorly defined drainageway.

The initial complaint was filed by Mr. Christianson regarding blocked or poor surface drainage downstream of the Hay Creek Pines Subdivision and the proposed project is not addressing that concern in the least. Quite the contrary, we believe that the project will add to the surface water drainage issues downstream rather than improve them. Please call me if you have any questions regarding the following report.

Sincerely,

Kenneth Nysether, PE

Engineers • Architects • Planners • Scientists

Short Elliott Hendrickson Inc., 4719 Bismarck Street, Suite 6, Bismarck, ND 58503 5677  
SEH is 100% employee-owned | sehinc.com | 701.354.7191 | 888.908.8150 fax

## Summary of Findings- Hay Creek Pines Groundwater Removal Project

Prepared for: Randall Bakke and Alton & Arlene Nitschke  
Downstream landowners  
Bismarck, ND

Prepared By: Kenneth Nysether, PE  
Short Elliot Hendrickson, Inc.  
Bismarck, ND

### I. Purpose:

- a. The purpose of this report is to provide a professional review of the Burleigh County Water Resource District's (District) proposed plan to install a drain tile system within the Hay Creek Pines Subdivision to draw down the high groundwater levels within the Subdivision. The plan was developed for the District by Houston Engineering with assistance from Braun Intertec.
- b. The concerns expressed by the downstream landowners are related to the quality of the water being collected, the quantity of the water being discharged and the duration of the discharges to the surface. Of primary concern to the downstream landowners is the apparent disregard for the condition of the existing drainageway across their properties and the effect that this project will have on their property.

### II. General:

- a. The project is intended to lower ground water levels by providing an avenue for the water to more readily leave Hay Creek Pines Subdivision. The installation of a drain tile system is proposed in the roadway right of way with provisions being included to allow the homeowners to extend laterals into their properties as an effort to further gather groundwater from the back yards. The Houston/ Braun Intertec report states that the flow rates will be at the capacity of the 15" pipe for the first few months and then are expected to taper off to a base flow amount that will be dependent upon the traditional groundwater recharge methods.
- b. The primary impetus for the installation of the system is to improve the stability of the road bed. The additional major benefit of the project is to reduce the sump pump operations in the homes and to protect the structures. Finally, the lowering of groundwater levels will reduce the drowning potential for some of the trees in the subdivision.
- c. The current plan calls for a surface discharge of the collected groundwater to the existing drainageway on the Bakke property. Subsequently, the surface water drainage flows southward to the Nitschke property.

on the drainage way. The alignment of the drainage way and the culverts also does not match and this causes additional problems with the efficient passage of water through the roadway embankment.

- iii. The field crossing culverts for the drainage way on the Nitschke property are also undersized and likely at the wrong elevation for positive gradient to be reestablished in the drainage way. Overtopping of this crossing in larger rainfall or snowmelt events is acceptable and therefore will allow different criteria to be used for the evaluation of the culverts than that used for 84<sup>th</sup> Avenue. Regardless, it is expected that the culverts will require realignment both horizontally and vertically to the improved drainage way.

c. Water Quality Concerns

- i. Monitoring wells have been established throughout the Hay Creek Pines subdivision. These wells were installed to allow the design team to monitor groundwater levels and movement. While not their intended purpose, they also lend insight to the quality of water found at the system depth and the possibility of contamination from septic systems within the subdivision.
- ii. Water samples collected by Braun Intertec on July 6, 2017 on behalf of Houston Engineering were sent away to be tested. Those test results were included in the Technical Findings Memorandum dated August 4, 2017. These findings show sufficient Alkalinity levels to be poor quality water for irrigation or livestock. Bringing this poor quality water to the surface and discharging into a poorly defined surface water channel will be damaging to the plant material and will reduce the value of the property. The samples were tested for a number of characteristics, however, fecal coliform and E. Coli were not tested. The downstream landowners fear that there is a high potential for contamination of the groundwater by the septic systems found within the Hay Creek Pines Subdivision.
- iii. Water samples from the monitoring wells were tested by the downstream landowners testing lab (MVTL) and found to contain coliform and E. Coli. This contamination evidence is showing up in the groundwater currently without the drain tile system being in place to carry the contaminants through the subdivision. While admittedly, proper sampling containers were not used for sample collection, the lack of test data on the properly collected samples makes it difficult to refute the findings. Sampling and testing of the monitoring wells should be undertaken to test for E. coli and Coliform without purging the wells to determine the health safety of the water being brought to the surface.
- iv. With the contaminants already evident in the groundwater, the installation of the drain tile system will increase the likelihood of contaminants from the septic systems being brought to the surface and creating issues downstream.

- Extend the drain tile system from the currently proposed terminus to the south side of the 84<sup>th</sup> Avenue roadway embankment to prevent sewage contamination of the Bakke or Nitschke properties along the drainage way.
- The Water Resource District shall reimburse Bakke and Nitschke for engineering and testing costs associated with the review, evaluation and resolution of this project incurred previously or in the future and include those in the project costs.

We reserve the right to supplement or amend our findings in this report in light of new information about the project.

# NDSU NORTH DAKOTA STATE UNIVERSITY

September 11, 2017

Mr. Alton Nitschke  
2160 84<sup>th</sup> Ave. NE  
Bismarek, ND 58503

Dear Alton,

In my review of the water analysis information and in recalculating the information into terms that I normally use in developing soil-irrigation compatibility determinations, here is what I found:

Well Number	Electrical Conductivity (EC) µmhos/cm (µS/cm)	Sodium Adsorption Ratio (SAR)
1320 Sump	9070	4.71
ST-1	3280	7.18
ST-4	14910	9.73
ST-6	10980	10.15
ST-9	3190	2.17

The conversion of Total Dissolved Solids (TDS) is approximate because it depends on the composition of the salts in the water solution. I used TDS divided by 640 to estimate the EC based on calculations often used in evaluating irrigation water quality.

The Sodium Adsorption Ratio (SAR) is the relationship between sodium ( $\text{Na}^+$ ) and calcium ( $\text{Ca}^{2+}$ ) and magnesium ( $\text{Mg}^{2+}$ ) in the soil and is calculated as:

$\text{SAR} = \text{Na}^+$  divided by the square root of  $(\text{Ca}^{2+} + \text{Mg}^{2+}/2)$ .

Sodium has a very dispersive effect on soils while  $\text{Ca}^{2+}$  and  $\text{Mg}^{2+}$  help flocculate the soil and maintain its structure.

The following table is a list of your soils and their tolerance to either salts (EC) or sodium (SAR):

SCHOOL OF NATURAL RESOURCE SCIENCES  
NDSU Dept 7680 | PO Box 6050 | Fargo ND 58103-6050 | 701.231.7758 | Fax 701.231.7861 | www.ndsu.edu/snrs

Entomology  
202 Hutz Hall

Natural Resources Management  
205 Merrill Hall

Range Science  
205 Merrill Hall

Soil Science  
105 Waterloo Hall

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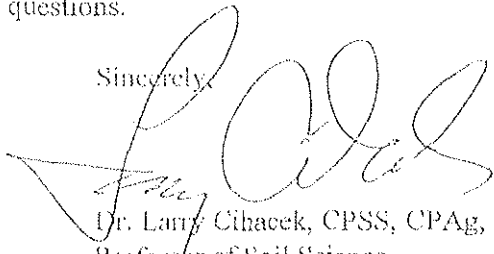


Soil Series	EC	SAR
Williams-Zahl-Zahill	1800	6
Roseglen	2250	6
Grassna	2250	6
Grahl	1000	6
Temvik	1800	6

The conclusion here is that none of the soils can tolerate the salinity levels of the waters from the five well sources although the soils could tolerate the sodium levels from the 1320 Sump and well ST-9. Applying any of the waters will cause salinization and reduced productivity of the soils and application of these waters should be avoided.

I hope that this soil-water compatibility determination helps answer some of your questions.

Sincerely,



Dr. Larry Cibacek, CPSS, CPAg, CCA (#01039)  
 Professor of Soil Science  
 North Dakota State University  
 School of Natural Resources Sciences  
 Fargo, ND 58108



MINNESOTA VALLEY TESTING LABORATORIES, INC.

1156 North Front St - New Ulm, MN 56073 - 800 782 3557 - Fax 507 359 2800
1 North German St - New Ulm, MN 56073 - 800 782 3557 - Fax 507 359 2800
546 East Broadway Ave - Bismarck, ND 58001 - 800 270 6885 - Fax 701 255 9734
201 Lincoln Hwy - Nevada, TX 75201 - 800 782 3557 - Fax 515 382 3885
www.mvt.com



Page: 1 of 1

Alton Nitschke
2160 84th St NE
Bismarck ND 58503

Report Date: 7 Jul 17
Lab Number: 17-W2688
Work Order #: 82-1803
Account #:
Date Sampled: 6 Jul 17 15:00
Date Received: 6 Jul 17 16:37
Sampled By: Client

Sample Description: Behind Frank Johnson

Temp at Receipt: Ambient

Table with 6 columns: As Received Result, Method RL, Method Reference, Date Analyzed, Analyst. Rows include Coliform (Bacteria) Present and E. coli Not Found.

Handwritten: ST-09

Approved by

Signature of Claudette K Carroll with handwritten initials EC and date 7/5/17

Claudette K Carroll, Laboratory Manager Bismarck ND

File #

Our equipment used was calibrated and inspected and found to be accurate.
Due to sample quantity
Due to instrument standard response

Minneapolis, MN 55412. For more information, please contact MVT at 800 782 3557. MVT is not responsible for any actions or omissions of the client or any other party.

Handwritten initials

selected monitoring wells were purged dry at a volume less than three casing volumes. Water Quality Parameters at the end of purging were recorded as follows:

*Handwritten notes:*  
 54  
 51  
 43  
 49

Well Number	Temperature (Degrees Celsius)	Specific Conductivity (mS/cm)	pH	Turbidity (visual)
ST-1	12.4	2.41	7.72	Low
ST-4	10.75	9.37	7.75	Medium
ST-6	11.48	7.10	7.88	Low
ST-9	9.48	2.78	7.74	Medium

After purging was complete, samplers were collected using approved, laboratory supplied containers and analyzed for a combination of Calcium, Iron, Magnesium, Manganese, Potassium, Sodium, Total Hardness by 2340B, Cation/Anion Balance (%), Total Anions, Total Cations, Total Dissolved Solids, Total Suspended Solids, Chloride, Fluoride, Sulfate, Nitrogen - Ammonia, Nitrogen - NO2 plus NO3, Phosphorus, Total Alkalinity, Bicarbonate (CaCO3), and Carbonate (CaCO3). Samples were shipped to Pace Analytical Laboratories in Billings, Montana under refrigerated conditions, using chain of custody procedures. A formal Laboratory report is included as Attachment A. A summary of the results of the analysis is as follows:

Compound/Parameter	CAS No.	Units	1320 SUMP	ST-1	ST-4	ST-6	ST-9
			07/06/2017	07/06/2017	07/06/2017	07/06/2017	07/06/2017
<b>Water Quality Parameters</b>							
Calcium	7440-70-2	mg/L	396	250 <sup>[2]</sup>	383	381	220
Iron	7439-89-6	mg/L	<.05	34.1 <sup>[2]</sup>	704	3.25	2.98
Magnesium	7439-95-4	mg/L	436	136 <sup>[2]</sup>	696	407	118
Manganese	7439-96-5	mg/L	0.0011	0.766 <sup>[2]</sup>	0.276	0.922	1.050
Potassium	7440-09-7	mg/L	9.250	10.70	14.0	15.80	8.15
Sodium	7440-23-5	mg/L	574	570 <sup>[2]</sup>	1,390	1,200	161
Total Hardness		mg/L	2,790	1,190	3,820	2,630	1,030
Cation/Anion Balance		%	-1.07	23.83 <sup>[11]</sup>	1.6	7.08 <sup>[12]</sup>	-5.09
Total Anions		meq/L	82.6	30.7	133	91.3	30.9
Total Cations		meq/L	80.9	50.0	137	105	27.9
Total Dissolved Solids		mg/L	5,810	2,100	9,560	7,030	2,040
Total Suspended Solids		mg/L	8.0	125	234	30.9	102
Chloride	16887-00-6	mg/L	48.8	25.2	70.0	<50.0	14.8
Fluoride	16984-48-8	mg/L	<2.0 <sup>[2]</sup>	1.2	<5.0 <sup>[2]</sup>	<5.0 <sup>[2]</sup>	<1.0 <sup>[2]</sup>
Sulfate	14808-79-8	mg/L	3,310	997	5,680	4,010	1,130
Nitrogen, Ammonia	7664-41-7	mg/l	<0.5	<0.5	<0.5	<0.5	0.96
Nitrogen, NO2 plus NO3		mg/L	8.3	1.5	0.12 <sup>[11]</sup>	4.3	0.24
Phosphorus	7723-14-0	mg/L	0.1	0.46	0.26	0.11	0.07
Alkalinity, Total		mg/L	616 <sup>[2]</sup>	457	636	383	347
Alkalinity, Bicarbonate		mg/L	616	457	636	383	347
Alkalinity, Carbonate		mg/L	<5.0	<5.0	<5.0	<5.0	<5.0

1) Cation/Anion Balance is calculated as follows: (sum of cations) - (sum of anions) / (sum of cations + sum of anions) x 100  
 2) All values are reported to the nearest whole number unless otherwise indicated.  
 3) All values are reported to the nearest whole number unless otherwise indicated.



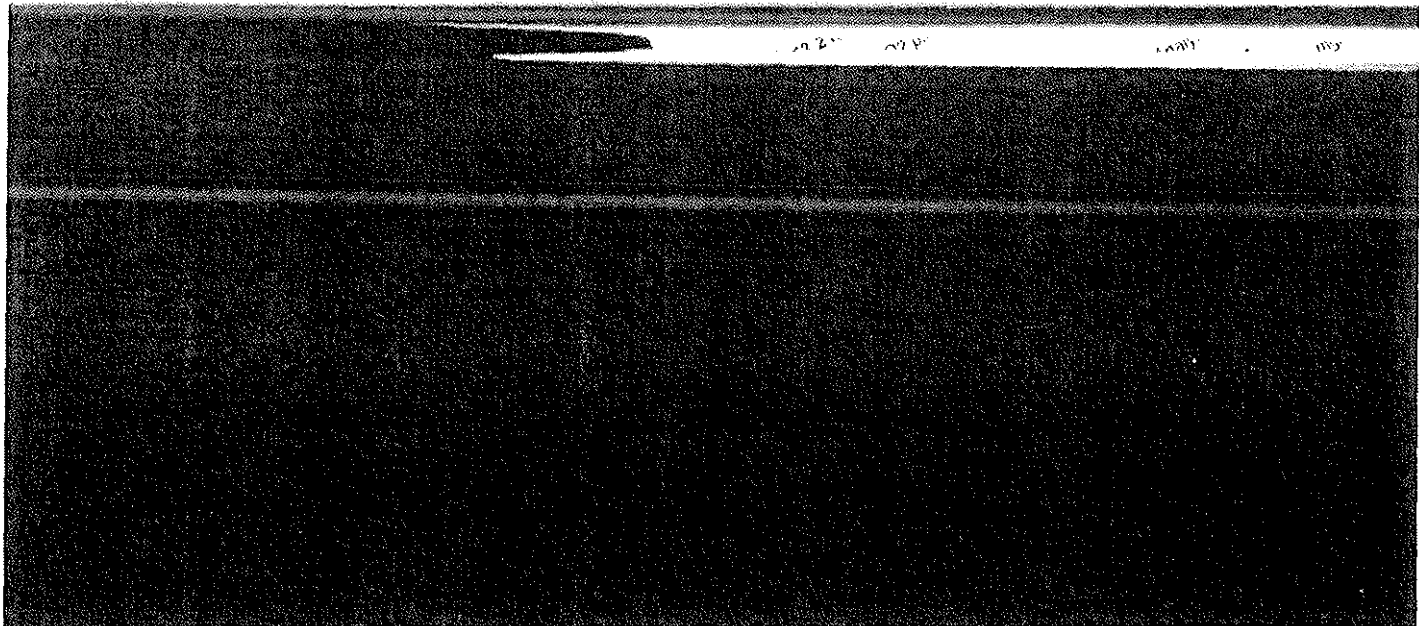
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**ANALYTICAL RESULTS**

Project 151603240 Hay Creek  
 Pace Project No 10394791

Sample: ST-4	Lab ID: 10394791002	Collected: 07/08/17 13:45	Received: 07/07/17 10:20	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual	
<b>200.8 MET ICPMS</b>		Analytical Method: EPA 200.8		Preparation Method: EPA 200.8					
Calcium	383000	ug/L	4000	100	07/13/17 09:05	07/14/17 15:39	7440-70-2		
Iron	7040	ug/L	50.0	1	07/13/17 09:05	07/13/17 22:59	7439-89-6		
Magnesium	696000	ug/L	1000	100	07/13/17 09:05	07/14/17 15:39	7439-95-4		
Manganese	276	ug/L	0.50	1	07/13/17 09:05	07/13/17 22:59	7439-96-5		
Potassium	14000	ug/L	50.0	1	07/13/17 09:05	07/13/17 22:59	7440-09-7		
Sodium	1390000	ug/L	5000	100	07/13/17 09:05	07/14/17 15:39	7440-23-5		
Total Hardness by 23405	3820000	ug/L	14100	100	07/13/17 09:05	07/14/17 15:39			
<b>Cation/Anion Balance</b>		Analytical Method: SM 1030E							
Cation/Anion Balance	1.6	%		1		07/21/17 15:16			
Total Cations	137	meq/L		1		07/21/17 15:16			
Total Anions	133	meq/L		1		07/21/17 15:16			
<b>2540C Total Dissolved Solids</b>		Analytical Method: SM 2540C							
Total Dissolved Solids	9560	mg/L	20.0	1		07/13/17 13:30			
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	234	mg/L	5.0	1		07/12/17 07:38			
<b>300.0 IC Anions</b>		Analytical Method: EPA 300.0							
Chloride	70.0	mg/L	50.0	50		07/17/17 20:53	16587-00-6		
Fluoride	ND	mg/L	5.0	50		07/17/17 20:53	16984-48-8	D4	
Sulfate	5680	mg/L	1000	1000		07/17/17 21:11	14808-79-8		
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1 (MOD)							
Nitrogen - Ammonia	ND	mg/L	0.650	1		07/12/17 12:16	7664-41-7		
<b>353.2 Nitrate + Nitrite pres</b>		Analytical Method: EPA 353.2							
Nitrogen - NO2 plus NO3	0.12	mg/L	0.010	1		07/11/17 19:36		A	
<b>Total Phosphorus</b>		Analytical Method: SM 4500-PE		Preparation Method: SM 4500-PE					
Phosphorus	0.26	mg/L	0.010	1	07/18/17 13:35	07/21/17 12:55	7723-14-0		





### ANALYTICAL RESULTS

Project: 131603240 Hay Creek  
 Pace Project No: 10394791

Sample: ST-9	Lab ID: 10394791003	Collected: 07/06/17 14:20	Received: 07/07/17 10:20	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
<b>200.8 MET ICPMS</b>								
Analytical Method: EPA 200.8 Preparation Method: EPA 200.8								
Calcium	220000	ug/L	400	10	07/13/17 09:06	07/13/17 23:11	7440-70-2	
Iron	2980	ug/L	50.0	1	07/13/17 09:06	07/13/17 23:07	7439-89-6	
Magnesium	118000	ug/L	100	10	07/13/17 09:06	07/13/17 23:11	7439-85-4	
Manganese	1050	ug/L	5.0	10	07/13/17 09:06	07/13/17 23:11	7439-96-5	
Potassium	8150	ug/L	50.0	1	07/13/17 09:06	07/13/17 23:07	7440-09-7	
Sodium	161000	ug/L	500	10	07/13/17 09:06	07/13/17 23:11	7440-23-5	
Total Hardness by 2340B	1030000	ug/L	1410	10	07/13/17 09:06	07/13/17 23:11		
<b>Cation/Anion Balance</b>								
Analytical Method: SM 1030E								
Cation/Anion Balance	-5.09	%		1		07/21/17 15:16		
Total Cations	27.9	meq/L		1		07/21/17 15:16		
Total Anions	30.9	meq/L		1		07/21/17 15:16		
<b>2540C Total Dissolved Solids</b>								
Analytical Method: SM 2540C								
Total Dissolved Solids	2040	mg/L	20.0	1		07/13/17 13:30		
<b>2540D Total Suspended Solids</b>								
Analytical Method: SM 2540D								
Total Suspended Solids	102	mg/L	5.0	1		07/12/17 07:38		
<b>300.0 IC Anions</b>								
Analytical Method: EPA 300.0								
Chloride	14.8	mg/L	10.0	10		07/17/17 21:28	16887-00-6	
Fluoride	ND	mg/L	1.0	10		07/17/17 21:28	16984-48-8	
Sulfate	1130	mg/L	50.0	50		07/17/17 21:46	14808-79-8	
<b>350.1 Ammonia</b>								
Analytical Method: EPA 350.1 (MOD)								
Nitrogen, Ammonia	0.096	mg/L	0.050	1		07/12/17 12:17	7664-41-7	
<b>353.2 Nitrate + Nitrite pres.</b>								
Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.24	mg/L	0.010	1		07/11/17 19:39		
<b>Total Phosphorus</b>								
Analytical Method: SM 4500-P-E Preparation Method: SM 4500-P-E								
Phosphorus	0.094	mg/L	0.0050	1	07/18/17 13:36	07/21/17 12:56	7723-14-0	
<b>2320B Alkalinity</b>								
Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	347	mg/L	5.0	1		07/12/17 11:58		
Alkalinity, Bicarbonate (CaCO3)	347	mg/L	5.0	1		07/12/17 11:58		
Alkalinity, Carbonate (CaCO3)	ND	mg/L	5.0	1		07/12/17 11:58		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project 131603240 Hay Creek

Pace Project No 10394791

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
<b>Sample: 1320 SUMP Lab ID: 10394791005 Collected: 07/08/17 15:00 Received: 07/07/17 10:20 Matrix: Water</b>								
<b>200.8 MET ICPMS Analytical Method: EPA 200.8 Preparation Method: EPA 200.8</b>								
Calcium	396000	ug/L	2000	50	07/13/17 09:06	07/14/17 15:48	7440-70-2	
Iron	ND	ug/L	50.0	1	07/13/17 09:06	07/13/17 23:55	7439-89-8	
Magnesium	436000	ug/L	500	50	07/13/17 09:06	07/14/17 15:48	7439-95-4	
Manganese	1.1	ug/L	0.50	1	07/13/17 09:06	07/13/17 23:55	7439-98-5	
Potassium	9250	ug/L	50.0	1	07/13/17 09:06	07/13/17 23:55	7440-09-7	
Sodium	574000	ug/L	2500	50	07/13/17 09:06	07/14/17 15:48	7440-23-5	
Total Hardness by 2340B	2790000	ug/L	7050	50	07/13/17 09:06	07/14/17 15:48		
<b>Cation/Anion Balance Analytical Method: SM 1030E</b>								
Cation/Anion Balance	-1.07	%		1		07/21/17 15:16		
Total Cations	80.9	meq/L		1		07/21/17 15:16		
Total Anions	82.6	meq/L		1		07/21/17 15:16		
<b>2540C Total Dissolved Solids Analytical Method: SM 2540C</b>								
Total Dissolved Solids	5810	mg/L	20.0	1		07/13/17 13:30		
<b>2540D Total Suspended Solids Analytical Method: SM 2540D</b>								
Total Suspended Solids	8.0	mg/L	1.0	1		07/12/17 07:38		
<b>300.0 IC Anions Analytical Method: EPA 300.0</b>								
Chloride	40.8	mg/L	20.0	20		07/17/17 23:14	16887-00-6	
Fluoride	ND	mg/L	2.0	20		07/17/17 23:14	16984-48-8	
Sulfate	3310	mg/L	200	200		07/18/17 20:58	14808-79-6	
<b>350.1 Ammonia Analytical Method: EPA 350.1 (MOD)</b>								
Nitrogen, Ammonia	ND	mg/L	0.050	1		07/12/17 12:20	7664-41-7	
<b>353.2 Nitrate + Nitrite pres. Analytical Method: EPA 353.2</b>								
Nitrogen, NO2 plus NO3	8.3	mg/L	0.50	50		07/17/17 13:14		
<b>Total Phosphorus Analytical Method: SM 4500-P E Preparation Method: SM 4500-P E</b>								
Phosphorus	0.010	mg/L	0.0050	1	07/18/17 13:36	07/21/17 12:57	7723-14-0	
<b>2320B Alkalinity Analytical Method: SM 2320B</b>								
Alkalinity Total as CaCO3	616	mg/L	5.0	1		07/12/17 12:18		M1
Alkalinity Bicarbonate (CaCO3)	616	mg/L	5.0	1		07/12/17 12:18		
Alkalinity Carbonate (CaCO3)	ND	mg/L	5.0	1		07/12/17 12:18		

### REPORT OF LABORATORY ANALYSIS

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July 25, 2017

Project B1703240

Michael Gunsch  
 Houston Engineering, Inc.  
 3712 Lockport Street,  
 Bismarck, North Dakota 58503

Re: Summary of Environmental Sampling  
 Hay Creek Pines  
 Oak Drive and Forest Drive  
 Bismarck, North Dakota 58503

Dear Mr. Gunsch:

On July 6, 2017 Braun Intertec Corporation mobilized to the Hay Creek Pines development in Bismarck, North Dakota to conduct groundwater monitoring of four existing groundwater monitoring wells and one sump discharge point. Sampling activities were conducted pursuant to our change order agreement dated July 6, 2017. We were joined on Site with Mr. Alton Nitschke, the adjoining landowner south of the development. Mr. Nitschke was on Site with the intent of collecting split samples of our samples collected for analysis. Mr. Nitschke collected samples in jars formerly containing food products, and did not appear to be in possession of approved laboratory containers.

Based on your request, we conducted groundwater monitoring of four of the existing monitoring wells, ST-1, ST-4, ST-6 and ST-9 as well as one active sump discharge point, house address 1320 Oak Drive. Prior to beginning groundwater sampling, water levels were collected from all of the wells on Site. Groundwater elevation data was collected as follows:

Well Number	Depth To Water	Groundwater Elevation
ST-1	6.84	1865.86
ST-2	5.78	1858.42
ST-3	7.22	1864.48
ST-4	7.21	1851.69
ST-5	6.33	1856.57
ST-6	9.49	1867.81
ST-7	7.08	1861.42
ST-8	5.8	1858.5
ST-9	5.03	1852.71

*ROUGH depth below surface*  
 3.84  
 2.78  
 4.21  
 4.21  
 3.33  
 6.49  
 4.08  
 2.8  
 2.0

The samples were collected from the two northern-most wells (ST-1 and ST-6) and the two southern-most wells (ST-4 and ST-9). Groundwater samples were collected using a submersible pump and water quality parameters were collected and recorded using a Horiba U52 water quality meter. All of the



**ANALYTICAL RESULTS**

Project: 131603240 Hay Creek  
Pace Project No: 10394791

Sample:	ST-6	Lab ID:	10394791004	Collected:	07/08/17 14:45	Received:	07/07/17 10:20	Matrix:	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual	
<b>200.8 MET ICPMS</b>		Analytical Method: EPA 200.8 Preparation Method: EPA 200.8							
Calcium	381000	ug/L	4000	100	07/13/17 09:06	07/14/17 15:43	7440-70-2		
Iron	3250	ug/L	50.0	1	07/13/17 09:06	07/13/17 23:47	7439-89-6		
Magnesium	407000	ug/L	1000	100	07/13/17 09:06	07/14/17 15:43	7439-95-4		
Manganese	922	ug/L	5.0	10	07/13/17 09:06	07/13/17 23:51	7439-96-5		
Potassium	15800	ug/L	50.0	1	07/13/17 09:06	07/13/17 23:47	7440-09-7		
Sodium	1200000	ug/L	5000	100	07/13/17 09:06	07/14/17 15:43	7440-23-5		
Total Hardness by 2340B	2630000	ug/L	14100	100	07/13/17 09:06	07/14/17 15:43			
<b>Cation/Anion Balance</b>		Analytical Method: SM 1030E							
Cation/Anion Balance	7.08	%		1		07/21/17 15:16		IM	
Total Cations	105	meq/L		1		07/21/17 15:16			
Total Anions	91.3	meq/L		1		07/21/17 15:16			
<b>2540C Total Dissolved Solids</b>		Analytical Method: SM 2540C							
Total Dissolved Solids	7930	mg/L	20.0	1		07/13/17 13:30			
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	39.9	mg/L	1.0	1		07/12/17 07:36			
<b>309.0 IC Anions</b>		Analytical Method: EPA 300.0							
Chloride	ND	mg/L	50.0	50		07/17/17 22:04	16887-00-6		
Fluoride	ND	mg/L	5.0	50		07/17/17 22:04	10984-48-8	D4	
Sulfate	4010	mg/L	500	500		07/17/17 22:56	14808-79-8		
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1 (MOO)							
Nitrogen Ammonia	ND	mg/L	0.050	1		07/12/17 12:16	7664-41-7		
<b>353.2 Nitrate + Nitrite pres.</b>		Analytical Method: EPA 353.2							
Nitrogen NO2 plus NO3	4.0	mg/L	0.25	25		07/17/17 13:13			
<b>Total Phosphorus</b>		Analytical Method: SM 4500-P-E Preparation Method: SM 4500-P-E							
Phosphorus	3.11	mg/L	0.010	1	07/18/17 13:36	07/21/17 12:56	7723-14-0		
<b>2320B Alkalinity</b>		Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	383	mg/L	5.0	1		07/12/17 12:04			
Alkalinity Bicarbonate (CaCO3)	383	mg/L	5.0	1		07/12/17 12:04			
Alkalinity Carbonate (CaCO3)	ND	mg/L	5.0	1		07/12/17 12:04			

**REPORT OF LABORATORY ANALYSIS**

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# Livestock Water Quality

**Miranda A. Meehan**  
Extension Livestock  
Environmental Stewardship Specialist

**Gerald Stokka**  
Extension Veterinarian/Livestock  
Stewardship Specialist

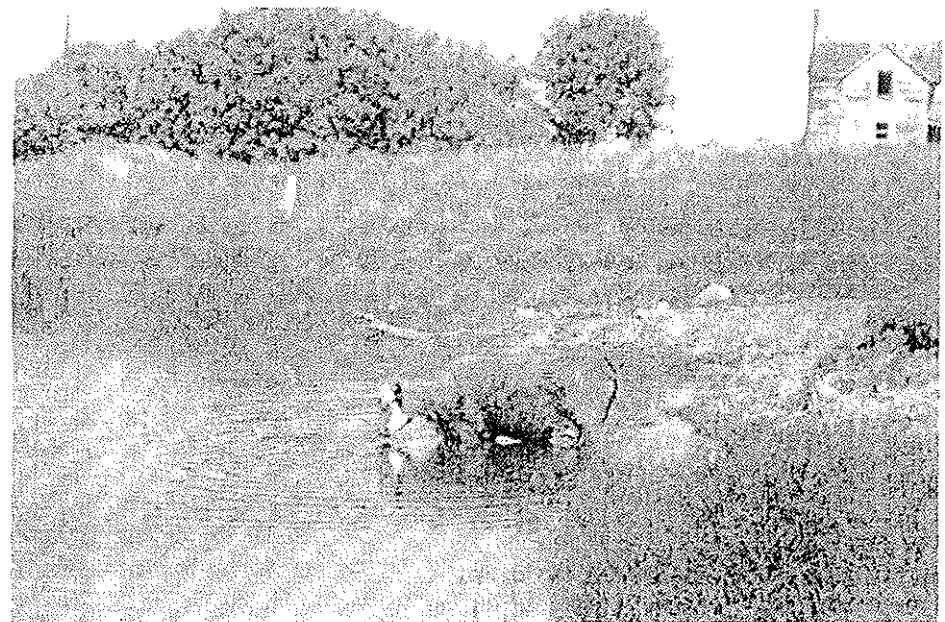
**Michelle Mostrom**  
Veterinary Toxicologist

Water is an important, but often overlooked, nutrient. Livestock water requirements are affected by many factors, including size, productivity, diet and environmental conditions. Good water quality and cleanliness can increase water intake and improve livestock production.

## Composition of Water

Water quality and quantity may affect feed consumption and animal health. Low-quality water normally will result in reduced water and feed consumption. Substances that may reduce palatability of water include various salts.

Salts may be toxic at high levels. Substances that are toxic without much effect on palatability include



nitrites and fluorine, as well as salts of various heavy metals. Other materials that may affect palatability or toxicity include pathogenic microorganisms.

## pH

Water pH denotes alkalinity or acidity. High-saline water is not the same as alkaline water. A pH of 7 would be neutral; a number higher than 7 indicates alkalinity; below 7 designates acidity.

Most North Dakota waters are mildly alkaline, with a pH value between 7 and 8. Acidic water (pH below 7) is not common in most of North Dakota; however, some reports indicate acidic water in the western part of the state in proximity to lignite coal veins.

High alkalinity may cause digestive upsets, laxative action, poor feed conversion, and reduced water and/or feed intake.

## Total Dissolved Solids and Salinity

Salinity refers to salt dissolved in water and is expressed as parts per million (ppm) or as milligrams per liter (mg/L). The term "total dissolved solids" (TDS) often is used to denote the level of water salinity. TDS is a nonspecific indicator of water quality. TDS levels should not be used as the only measure of water quality.

Specific water components should be measured to determine suitability for specific applications. Salts commonly present include carbonate, bicarbonates, sulfates, nitrates, chlorides, phosphates and fluorides.

Highly mineralized waters (high solids) may not impact health parameters because cattle do seem to adapt. However, pipeline breaks and produced water or brine water spills are not uncommon in rural environments. These contaminants can include very high concentrations of salts, from several thousand to more than several hundred thousand ppm (milligrams/kilograms) of salt, especially sodium chloride.

Higher salt concentrations in water actually may increase water consumption; however, concentrations that lead to refusal to drink can lead to overconsumption when animals become too thirsty. Animals will have differing tolerance levels to salt content, depending on species, age, season of the year and physiological condition.

Generally, animals will tend to avoid high-saline water sources but will ingest poor water if it is the only water source available. Clinical signs of salt poisoning are weakness, dehydration, tremors, aimless wandering, ataxia, seizurelike activity, partial paralysis and death. The prognosis is guarded in animals with clinical signs from salt toxicity. Cattle can die within 24 hours after the appearance of severe clinical signs. Treatment is available for salt poisoning in animals, so contact your local veterinarian.

When animals have clinical signs from exposure to high concentrations of salt, avoid giving the animals access to all the fresh water that they will drink. Slowly return the animals to normal water hydration during a two- to three-day period. For large animals, water intake should be limited to 0.5 percent of body weight at hourly intervals until hydration is normal.

**Table 1** shows the health effects associated with the consumption of different levels of total dissolved solids.

## Sulfates

High levels of sulfates can impact livestock health. Ruminants are especially susceptible. Sulfate recommendations are less than 500 ppm for calves and less than 1,000 ppm for adult cattle. High levels of sulfate can reduce copper availability in the diet. If copper deficiency is suspected, water sources should be analyzed for sulfates.

Use caution in evaluating sulfate levels in water because of interactions with copper and molybdenum. Elevated levels of sulfates may cause loose stool, whereas very high levels of sulfate can induce central nervous system (CNS) symptoms. High levels of sulfates also may contribute to and increase incidence of polioencephalomalacia (PEM), a brain disorder found in cattle.

## Other Minerals

Water hardness is caused by calcium and magnesium. Softening the water through an exchange of calcium and magnesium with sodium may cause problems if the water already is high in salinity.

When a significant amount of calcium is in water, it should be considered as a part of total mineral intake. However, many mineral salts are relatively insoluble and pass through the body without being absorbed. Even in hard water, the amount of mineral ingested from the water is not likely to be substantial.

## Nitrates

Water may be a source of toxic levels of nitrate for livestock. Water may become contaminated by fertilizer, animal wastes or decaying organic matter. Shallow wells with poor casings are susceptible to contamination.

Marginally toxic levels of nitrate in water and feed together may cause nitrate toxicity in animals. Remember to consider both sources of nitrate.

For more information regarding nitrates and nitrate poisoning, refer to NDSU Extension publication "Nitrate Poisoning of Livestock" (V-839 Revised).

**Table 1. Recommendations for livestock water used based on total dissolved solids (TDS).**

TDS (ppm or mg/L)	Comments
< 3,000	Usually satisfactory for most livestock
3,000-5,000	May not cause adverse effects to adult livestock Growing/young livestock could be affected by loose stool or poor feed conversion. Levels near 5,000 ppm are unacceptable for poultry.
5,000-7,000	Should not be consumed by pregnant or lactating females. Usually a laxative and may result in reduced water intake
7,000-10,000	Do not use for swine. Do not use for pregnant or lactating ruminants or horses.
> 10,000	May cause brain damage or death

## Microbiological Contaminants

### Cyanobacteria

Algae that builds up in large livestock tanks or ponds may be due to a specific species known as cyanobacteria (sometimes called blue-green algae). It responds to sunlight and appears in stagnant water during hot, dry weather.

Signs of cyanobacteria toxicity in livestock are diarrhea, lack of coordination, labored breathing and death.

For additional information on blue-green algae poisoning, refer to NDSU Extension publication V1136, "Cyanobacteria (Blue-Green Algae) Poisoning."

### Other Microbiological Properties

Many water sources contain microorganisms. Most microorganisms are quite harmless, but some do cause animal health problems.

Coliform counts below 50 per milliliter of water are safe for all cattle. Other possible contaminants include bacteria, parasites and viruses that will not be reflected in the coliform count.

Microorganisms can enter a well that has improper surface protection. A well is situated improperly if it receives drainage from livestock pens or a manure storage structure. Cracked well casings also may allow bacteria to enter the water supply. Contamination also may occur from a heavy spring rainfall. In addition, protect the surface of wells from contamination by rodents.

### Chemical Contaminants

Many other chemicals, some of which could be detrimental to livestock production, may be found in water. Safe levels of herbicides and pesticides in water for animals have not been determined. Fish are more sensitive to pesticides than other livestock.

Herbicides and pesticides can enter a ground water or surface water supply from runoff, drift and accidental spills. Provide adequate drainage around the water supply. Wells should be on elevated ground to prevent surface runoff in to the well.

### Industrial Products

Livestock often coexist in the same environment with industrial development. Livestock producers need to be aware of sources of industrial contaminants, particularly petroleum related, that can be released to the environment, especially water sources.

Animals can be exposed to fresh and weathered crude oils, refined hydrocarbons (for example, gasoline, diesel fuel and other petroleum-based products), concentrated and diluted hydraulic fracturing ingredients, glycols (for example, ethylene and diethylene glycols), methanol, produced water (brine or formation water) and oil field wastes.

The sources of these exposures may occur from pipeline spills, broken equipment and offsite leaching, inadequate or broken fences and accidents. Livestock, particularly cattle, are curious and often will explore novel sites and ingest contaminated water, soil and forages. Cattle actually will seek out and ingest petroleum hydrocarbons and lead-containing batteries, and lick at greases and salty-tasting contaminants.

Acute and chronic clinical signs occur in livestock following significant petroleum ingestion. Signs may

include diarrhea or constipation, bloat, poor rumen motility, nervous system signs (tremors and seizures or incoordination and depression), and poor appetite with chronic wasting and marked weight loss. Respiratory signs, including rapid, shallow breathing, coughing and pneumonia, often occur.

Following ingestion of moderate to large amounts of hydrocarbons, animals may vomit and aspirate contents into lungs and subsequently develop aspiration pneumonia. Reproductive effects have been reported with petroleum hydrocarbon toxicity, including abortions, dystocia, poor mothering and abnormal development.

In addition to reproductive and production losses, death can occur days after petroleum hydrocarbon exposures. Immune suppression and secondary infections also are associated with livestock losses due to petroleum hydrocarbon toxicoses.

If exposure to industrial contamination is suspected, immediately remove livestock from the contaminated area to stop further exposure. Provide the animals with uncontaminated fresh water and adequate feedstuffs. Contact a veterinarian. The local veterinarian, often in contact with specialists with experience with toxicants, can diagnose and initiate a treatment program.

With significant petroleum product releases to the environment, the state departments of oil and gas and environment, and the state veterinarian are notified and will begin assessment of the contaminated environment and may assist with assessment of the animal condition.

Do not allow livestock to return to contaminated areas until appropriate cleanup procedures are taken for protection of livestock. Long-term monitoring of contamination in the environment may be required to protect livestock.

## Livestock Water Quality Testing

Table 2 lists the safe levels of potentially toxic nutrients and contaminants in water for livestock. These should be analyzed only when you have good reason to suspect their presence at excessive levels.

Annual testing of livestock water sources is recommended, particularly:

- 1) if using shallow water sources (ponds, sloughs and shallow wells),
  - 2) during drought and 3) if you suspect a problem with water quality.
- Depending on the type of testing, a private individual may be able to take a water sample for water

**Table 2. Safe levels of potentially toxic nutrients and contaminants in water for livestock.**

Element	Safe Upper Limit of Concentration (ppm or mg/L)
Aluminum	5.0
Arsenic	0.2
Barium	10
Cadmium	0.05
Calcium	1,000
Chromium	1.0
Copper	0.5
Fluoride	2.0
Lead	0.1
Molybdenum	0.5
Nickel	1.0
Nitrate	100
Nitrite	33
pH	5.5 to 9.0
Selenium	0.05
Sodium	1,000
Sulfate	500 to 1,000
Vanadium	0.1
Zinc	25.0

testing or the sample could be taken by a qualified individual for a specific set of tests.

Sample bottles may be available from a laboratory for use in specific tests or, in some cases, empty distilled water or water bottles could be rinsed with water from the suspect source and used to collect a sample. The container should be sealed with tape. The best approach is to contact the testing laboratory to determine the sampling and handling procedures for the requested tests.

Often water testing needs to be performed within a specified time period, so keep in mind transportation to the laboratory when taking water samples.

### Water analyses for livestock typically include:

- Total dissolved solids or salinity
- pH (acid or alkaline value)
- Nitrates
- Sulfates
- Additional factors associated with toxicity problems such as mineral or metal concentrations, pesticides, petroleum hydrocarbons or oil field chemicals, or perhaps harmful blue-green algae identification (or algal toxin determination)

No legal limits have been established for bacteria, or more specifically coliform bacteria, in livestock water except for dairy operations (Grade A dairies). For dairy operations, the water supply must be tested microbiologically safe for use by an approved laboratory.

Many commercial laboratories and the NDSU Veterinary Diagnostic Lab provide testing for livestock water quality and specialized testing.

Contact an NDSU Extension office for a list of commercial laboratories in the state.

If concerned about livestock disease caused by contaminated drinking water, contact your local veterinarian, the NDSU Extension veterinarian or the NDSU Veterinary Diagnostic Laboratory for a specialist.

**NDSU Extension Veterinarian**  
(701) 231-7641

**NDSU Veterinary Diagnostic Lab**  
(701) 231-8307

Cover photo by Miranda Meehan

For more information on this and other topics, see [www.ag.ndsu.edu](http://www.ag.ndsu.edu)

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Carney Communications, NDSU and U.S. Department of Agriculture Cooperating.  
This publication will be made available in alternate formats for people with disabilities upon request. (701) 231-7661

2007-15

## HAY CREEK PINES SUBDIVISION GROUNDWATER DRAINAGE IMPROVEMENTS PETITION OF REQUEST FOR A PROJECT

We, the undersigned, hereby request the Burleigh County Water Resource District (BCWRD) to initiate a project in accordance with North Dakota Century Code Chapter 61-16.1 to evaluate measures to protect residences within the Hay Creek Pines Subdivision, located south of 97<sup>th</sup> Avenue and west of 26<sup>th</sup> Street in Burleigh County, from excessive groundwaters. This process could result in the creation of a special improvement district to construct and implement features to better accommodate surface water drainage and groundwater removal. We understand that prior to implementation, if deemed reasonably feasible, the cost of any such improvements would require approval by a majority vote of the benefitted landowners, after which the project would be constructed and their properties then assessed accordingly. To facilitate the evaluation we also agree to allow access to our properties by the BCWRD's engineer to obtain the required site information to conduct their evaluation.

<u>Name</u>	<u>Address</u>	<u>Phone</u>	<u>E-mail</u>
Jerry Schild	9130 Forest Dr.	751-7109	jschild4@hotmail.com
Frank W. ...	9020 " "	701-391-6291	fofo@johnabis.midco.net
Alan Klein	9205 Forest Dr.	701-222-0846	AKLEIN_99@yahoo.com
Dan Moran	9205 Forest Dr.	701-223-2189	djmfamily@bis.midco.net
Mike Crouse	9246 Forest Dr.	701-480-4587	mike_crouse@bismarckschools.org
John ...	9277 Forest Dr.	701-265-1642	john@1277@nd.com

## HAY CREEK PINES SUBDIVISION GROUNDWATER DRAINAGE IMPROVEMENTS PETITION OF REQUEST FOR A PROJECT

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<u>Name</u>	<u>Address</u>	<u>Phone</u>	<u>E-mail</u>
Gary Rose Christensen	9200 Oak Drive	701-400-8003	garyrosechristensen@gmail.com
Robert Margaret Kettire	9303 OAK DRIVE	701-258-5437	kettire.rm@midco.net
John L. ...	...	...	...@brw...
...	...	...	...
Tom & Corinne Pedersen	9405 OAK DR	701-222-4650	tomcnp70@gmail.com
Dave & Cathy Metz	9245 Oak Dr	701-280-8063	cmetz@midco.net
Dave & Susan Feater	9140 Oak Dr	701-231-5777	dfeater@nddca.org
John Trapp	9400 OAK DR	701-471-0578	john.trapp@midco.com

## HAY CREEK PINES SUBDIVISION GROUNDWATER DRAINAGE IMPROVEMENTS PETITION OF REQUEST FOR A PROJECT

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<u>Name</u>	<u>Address</u>	<u>Phone</u>	<u>E-mail</u>
<u>Alexandra Benjamin</u>	<u>9040 Oak Dr</u>	<u>255-7650</u>	<u>ALEXANDRA.BENJAMIN@NE</u>
<u>[Signature]</u>	<u>[Address]</u>	<u>[Phone]</u>	<u>[E-mail]</u>
<u>[Signature]</u>	<u>9115 Oak Dr</u>	<u>471-6705</u>	<u>NOSREAL47@GMAIL.COM</u>
<u>Graig Sever</u>	<u>9000 Oak Dr</u>	<u>319-7308</u>	<u>grag_sever@bnc.com</u>
<u>[Signature]</u>	<u>9005 Oak Dr</u>	<u>701-226-5555</u>	<u>USacquired72@MSN.COM</u>

## HAY CREEK PINES SUBDIVISION GROUNDWATER DRAINAGE IMPROVEMENTS PETITION OF REQUEST FOR A PROJECT

We, the undersigned, hereby request the Burleigh County Water Resource District (BCWRD) to initiate a project in accordance with North Dakota Century Code Chapter 61-16.1 to evaluate measures to protect residences within the Hay Creek Pines Subdivision, located south of 97<sup>th</sup> Avenue and west of 26<sup>th</sup> Street in Burleigh County, from excessive groundwaters. This process could result in the creation of a special improvement district to construct and implement features to better accommodate surface water drainage and groundwater removal. We understand that prior to implementation, if deemed reasonably feasible, the cost of any such improvements would require approval by a majority vote of the benefitted landowners, after which the project would be constructed and their properties then assessed accordingly. To facilitate the evaluation we also agree to allow access to our properties by the BCWRD's engineer to obtain the required site information to conduct their evaluation.

<u>Name</u>	<u>Address</u>	<u>Phone</u>	<u>E-mail</u>
Mike & Helen Riser	9601 Oak Dr	222-2770	mriser@bismarck.net
Lawrence & Carol Nomen	9400 Oak Dr	222-8235	lomen@bismarck.net
Steve & Joyce McDough	9501 Oak Drive	258-0080	sthen.mcdough@bismarck.net
John & Mary Smith	9451 Oak Dr.	352-4993	jsmith@bismarck.net
Bob & Nancy Korman	9440 Oak Dr.	222-3346	bkorman@bismarck.net
Randy & Joyce Schmitt	9200 Oak Drive	224-9212	rschmitt@bismarck.net



# HAY CREEK PINES SUBDIVISION GROUNDWATER DRAINAGE IMPROVEMENTS PETITION OF REQUEST FOR A PROJECT

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<u>Name</u>	<u>Address</u>	<u>Phone</u>	<u>E-mail</u>
<u>Dave Walsch</u>	<u>9660 Forest Dr.</u>	<u>220-9811 cell</u> <u>221-0974</u>	<u>dawalsch@comcast.com</u>
<u>Jan Lance</u>	<u>9615 Forest Dr.</u>	<u>258-5361</u>	<u>janlance51@gmail.com</u>
<u>Kevin Laurent</u>	<u>9547 Forest Dr.</u>	<u>250-1223</u>	<u>kevinlaurent@att.net</u>
<u>Cynthia Skibinski</u>	<u>9315 Forest Dr.</u>	<u>310-1-516</u>	<u>cskibinski@comcast.com</u>
<u>Tisy Fisher</u>	<u>9507 FOREST DR.</u>	<u>595-2058</u>	<u>CINDY.SKIBINSKI@MIDU.COM</u>
	<u>9409 Forest Dr.</u>	<u>701-570-1858</u>	<u>tfisher@planet.com</u>

## HAY CREEK PINES SUBDIVISION GROUNDWATER DRAINAGE IMPROVEMENTS PETITION OF REQUEST FOR A PROJECT

We, the undersigned, hereby request the Burleigh County Water Resource District (BCWRD) to initiate a project in accordance with North Dakota Century Code Chapter 61-16.1 to evaluate measures to protect residences within the Hay Creek Pines Subdivision, located south of 97<sup>th</sup> Avenue and west of 26<sup>th</sup> Street in Burleigh County, from excessive groundwaters. This process could result in the creation of a special improvement district to construct and implement features to better accommodate surface water drainage and groundwater removal. We understand that prior to implementation, if deemed reasonably feasible, the cost of any such improvements would require approval by a majority vote of the benefitted landowners, after which the project would be constructed and their properties then assessed accordingly. To facilitate the evaluation we also agree to allow access to our properties by the BCWRD's engineer to obtain the required site information to conduct their evaluation.

<u>Name</u>	<u>Address</u>	<u>Phone</u>	<u>E-mail</u>
Don Walsh	9610 Forest Dr.	701-9811 000 751-0974	dwalsh@bcwr.com
Jan Lunde	9615 Forest Dr.	258-5561	janlunde@gmail.com
Frank Peterson	9546 Forest Dr.	258-2182	frank.peterson@bcwr.com
Frank Peterson			
Ronald Lamport	9710 Forest Dr.	255-160	rlamport@bis.midco.net
Joel Blanchard	9410 Forest Dr.	751-09 81	jblanchard@bis.midco.net
IAN KYLE	9506 FOREST DR	222-1463	ikmf1@bis.midco.net
			ikmf1@bis.midco.net



COMPLAINT FOR WATER-RELATED ISSUES  
OFFICE OF THE STATE ENGINEER  
S.E.N. 65940 (11/2015)

Please submit to the water resource district in which the issue is located.  
Contact information for water resource districts is available online at [swe.nd.gov](http://swe.nd.gov)

GENERAL INFORMATION

Ref: 2001 study by BSWRD (attached)

(1) This Complaint must include a map from an actual survey, aerial photo, or topographic map. The size of the map shall be at least 8 1/2 by 11 inches and shall have a north arrow. If, in the opinion of the Water Resource District, the map does not contain enough information to properly evaluate the project, more information may be requested.

(2) The Complaint is Regarding:

- Dam, Levee, or Other Device (North Dakota Century Code (N.D.C.C.) § 61-10-1-53)  
 Drainage (N.D.C.C. § 61-32-07)  
 Obstruction To A Drain/Watercourse (N.D.C.C. § 61-10-1-51)

(3) Water issue is located in which Water Resource District (District)?

Barleigh County

(4) Legal Description: 1/4 NE Section 34 Township 140N Range 80W

(5) Approximate Construction Date: N/A

(6) Description of the issue:

Drainage in Hay Creek south of the Hay Creek Pines Subdivision is obstructed or "sited in" significantly causing the water table to rise within the subdivision. The High water table is impacting the road condition, killing trees and causing numerous sump pump operations.

(7) Is your property impacted?  Yes  No. If Yes, number of acres impacted: ~ 80 Acres

Please explain:

- Asphalt road is breaking up
- Trees have died and continue to die each spring
- Significant frost heave of concrete slabs
- Sump pump operates often

Complaint Filed Against: Barleigh County

Complaint Filed By: Gary Christenson

Name (print)

Name (print)

Address

Address: 9200 Oak Drive

City

State

ZIP Code

City: Bismarck

State: ND

ZIP Code: 58503

Telephone Number (if known)

Telephone Number: 701-400-8603

Complainant's Signature

Date

ADDITIONAL SHEETS MAY BE ATTACHED IF NECESSARY

**DAM, DIKE, OR OTHER DEVICE COMPLAINTS (N.D.C.C. § 61-16.1-53):**

The District will determine if a landowner or tenant constructed a dam, dike, or other device without first securing a construction permit as required under N.D.C.C. § 61-16.1-38, or in conflict with the terms or conditions of a construction permit. North Dakota Administrative Code § 89-08-01-01 defines "other device" as "a water control structure, other than a dam or dike, including diversions and holding ponds, lagoons, or dugouts."

**DRAINAGE COMPLAINTS (N.D.C.C. § 61-32-07):**

**Surface Drainage:** The District will determine if a landowner or tenant constructed any surface drainage that impacts a watershed area of 80 acres or more without first securing a drainage permit as required under N.D.C.C. § 61-32-03, or in conflict with the terms or conditions of a drainage permit.

**The Drainage:** The District will determine if a landowner or tenant constructed or installed a tile or subsurface drainage system with a footprint of 80 acres or more without first securing a tile or subsurface permit as required under N.D.C.C. § 61-32-03.1, or in conflict with the terms or conditions of a tile or subsurface permit.

**OBSTRUCTION TO DRAIN COMPLAINTS (N.D.C.C. § 61-16.1-51):**

The District will determine if a landowner or tenant has intentionally or negligently caused an obstruction to a natural watercourse or drain.

The District must act pursuant to the appropriate code listed above. The District shall investigate and make a determination within a reasonable time (not to exceed 120 days for dams, dikes, other devices, or drains). The District shall notify all parties of its decision as required by code. If complained of activity was a dam, dike, other device, or drain, the District's decision may be appealed to the State Engineer within 30 days of the District's decision. If the complained of activity was an obstruction to drain, the District's decision may be appealed to District Court.

**FOR DISTRICT USE ONLY**

Date Received		Date Investigated	
Does the complainant have standing to file a complaint? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If No, why?			
Does the project have a Permit? <input type="checkbox"/> Yes <input type="checkbox"/> No		If Yes, Permit Number	Date Granted
Does the project meet a permitting exemption? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes, which one?			
Project Construction Date		Revision Date (if any)	
District Action			
District Action Compliance Date	Project Owner Compliance Date	Decision Appeal Date	
Subsequent Action			
District Chairman's Signature			Date Of Signature

ADDITIONAL SHEETS MAY BE ATTACHED IF NECESSARY.

50

## Mona Livdahl

---

**From:** Michael Gunsch <mgunsch@houstoneng.com>  
**Sent:** Thursday, August 3, 2017 9:14 AM  
**To:** 'David Bliss'; 'Mona Livdahl'  
**Cc:** 'Greg Larson'  
**Subject:** RE: Hay Creek Pines - Permit  
**Attachments:** Hay Creek Pines 30 DAY NOTICE Ltr 8-9-2017.docx; Hay Creek Pines AOS (30-Day Notice) 8-9-2017.docx

Mona – see updated documents per Dave's comments.  
Will need these printed for Greg's signature so that you can mail accordingly.

You will need to update the addresses that are not completed yet.  
If you need assistance let me know.

Thanks,

**Michael Gunsch**  
Principal / Project Manager  
Houston Engineering, Inc.  
3712 Lockport St, Bismarck, ND 58503  
O 701.323.0200 | F 701.323.0300  
www.houstoneng.com

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**From:** David Bliss [mailto:dbliss@blisslaw.com]  
**Sent:** Wednesday, August 02, 2017 2:03 PM  
**To:** Michael Gunsch <mgunsch@houstoneng.com>; Mona Livdahl <mona@midco.net>  
**Cc:** Greg Larson <glarson@century21morrison.com>; Rodney L. Beck <rbeck@mooreengineeringinc.com>  
**Subject:** RE: Hay Creek Pines - Permit

[External Email]

Mike,

Here are my edits.

Dave

DAVID R. BLISS  
Bliss Law Firm, LLC  
400 E. Broadway Ave., Suite 308  
PO Box 4126  
Bismarck, ND 58502-4126  
(701) 223-5769 (office)  
(701) 471-3972 (cell)  
(701) 751-1242 (fax)  
dbliss@blisslaw.com

Licensed in North Dakota,  
South Dakota and Minnesota

[www.blisslaw.com](http://www.blisslaw.com)

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**From:** Michael Gunsch [mailto:[mgunsch@houstoneng.com](mailto:mgunsch@houstoneng.com)]  
**Sent:** Tuesday, August 01, 2017 10:35 PM  
**To:** 'Mona Livdahl'; 'David Bliss'  
**Cc:** 'Greg Larson'; 'Rooney L. Beck'  
**Subject:** Hay Creek Pines - Permit

Mona

For the briefing book, and to have ready for delivery after approval at the meeting.

Dave:

Please review one more time for clarity and accuracy.

Rod:


Review from you as well, these will need to be moved and approved by the Board.

Starts the clock. We do not have a design budget ready yet, but for any chance to bid and construct this fall the clock is nearly out.

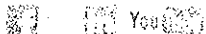
Bidding maybe, if you wait till after Sept 9<sup>th</sup> to start design doubt construction as design will take at least 2-3 weeks.

Thanks –

**Michael Gunsch**  
Principal / Project Manager  
Houston Engineering, Inc.  
O 701.323.0200 | D 701.751.6277 | F 701.323.0300

 3712 Lockport Street • Bismarck, ND • 58503

[www.houstoneng.com](http://www.houstoneng.com)

 You

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get

**THIRTY-DAY NOTICE  
TO DOWNSTREAM PROPERTY OWNERS REGARDING  
APPLICATION TO INSTALL A SUBSURFACE DRAIN  
HAY CREEK PINES GROUNDWATER REMOVAL PROJECT**

TO: Randall Bakke; Alton and Arlene Nitschke; John and Donna Richter  
FROM: Burleigh County Water Resource District  
RE: Proposed Tile Drain Project  
NAME OF TILE DRAINAGE APPLICANT: **Burleigh County Water Resource District,  
on behalf of the Hay Creek Pines  
Groundwater Removal Project Special  
Assessment District**  
ADDRESS: 1811 East Thayer Avenue  
Bismarck, ND 58501

---

The Burleigh County Water Resource District (BCWRD) provides this - Notice to you regarding a proposed tile drainage project upstream of your property. Enclosed is a copy of an "APPLICATION TO INSTALL A SUBSURFACE DRAIN" dated August 9, 2017, submitted by the BCWRD. The- BCWRD filed the Application with the BCWRD for consideration on August 9, 2017. The BCWRD has applied for a permit to install a subsurface water management system- with a tile drain outlet into the natural watercourse upstream of your property.

Under Section 61-32-03 of the North Dakota Century Code, a "technical evidence" report must include "written information regarding the proposed subsurface water management system, prepared after consideration of the design and physical aspects of the proposed system, and any adverse hydraulic effects, including erosion, flood duration, crop loss, and downstream water control device operation impacts, which may occur" to your property. "

If you submit a technical evidence report, you have thirty (30) days from August 9, 2017 by which to provide a copy of your report to -the BCWRD at the following address:

Burleigh County Water Resource District  
1811 East Thayer Avenue  
Bismarck, ND 58501  
mona@midco.net

Sincerely,

BURLEIGH COUNTY WATER RESOURCE DISTRICT

/s/ Greg Larson, Chairman

Encl. Application and - Technical Evidence report provided by the BCWRD

8.  
59

**BURLEIGH COUNTY WATER RESOURCE DISTRICT**  
**In the Matter of APPLICATION TO INSTALL A SUBSURFACE DRAIN**  
**HAY CREEK PINES GROUNDWATER REMOVAL PROJECT**

Dated: July 12, 2017

Applicant: Burleigh County Water Resource District, on behalf of the Hay Creek Pines Groundwater Removal Project Special Assessment District

STATE OF NORTH DAKOTA    )  
  ) ss.    **AFFIDAVIT OF SERVICE**  
COUNTY OF BURLEIGH        )        **BY CERTIFIED MAIL**

Mona Livdahl, being first sworn and being of legal age, deposes and says that on the \_\_\_\_ day of August, 2017, she served the following by certified mail:

**THIRTY-DAY NOTICE TO DOWNSTREAM PROPERTY OWNERS REGARDING APPLICATION TO INSTALL A SUBSURFACE DRAIN:**

**HAY CREEK PINES GROUNDWATER REMOVAL PROJECT – August 9, 2017**

upon the following parties, by placing a true and correct copy in envelopes addressed as follows:

Randall Bakke  
122 East Broadway Avenue  
P.O. Box 460  
Bismarck, ND 58502-0460  
(Certified No. \_\_\_\_\_ )

Alton and Arleen Nitschke  
??? 87<sup>th</sup> Avenue NW  
Bismarck, ND 5850?  
(Certified No. \_\_\_\_\_ )

John and Donna Richter  
??? 87<sup>th</sup> Avenue NW  
Bismarck, ND 5850?  
(Certified No. \_\_\_\_\_ )

and deposited the same, with postage prepaid, in the United States mail at Bismarck, North Dakota.

\_\_\_\_\_  
Rick Detwiller, Secretary/Treasurer

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Notary Public, Burleigh County, ND

(SEAL)

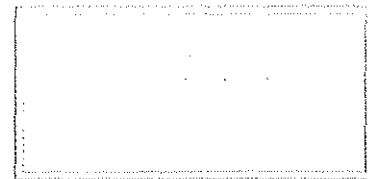




**APPLICATION TO INSTALL A SUBSURFACE  
WATER MANAGEMENT SYSTEM**  
OFFICE OF THE STATE ENGINEER  
REGULATORY DIVISION  
SFN 81244 (5/2017)

Number  
(OSE USE ONLY)

Number  
HC-1  
(WRD USE ONLY)



This application must be submitted to the water resource district in which the system is located (please visit <http://swc.nd.gov/> for contact information). To be complete, this application must include the additional information listed in the instructions on page 3.

Water Resource District in Which System Is Located Burleigh County - Hay Creek Pines Groundwater Removal Project - Special Assessment District				
Location Of Land To Be Tiled				
1/4 Part of the NE 1/4	Section 34	Township 140	Range 80	County Burleigh
1/4	Section	Township	Range	County
1/4	Section	Township	Range	County
Outlet Location				
1/4 NW 1/4 SE 1/4	Section 34	Township 140	Range 80	County Burleigh
Purpose				
<input checked="" type="checkbox"/> Subsurface Drainage <input type="checkbox"/> Subsurface Irrigation <input type="checkbox"/> Other (please explain) _____				
Design Data				
Total Land Area To Be Tiled (acres) 86.55 acres within Hay Creek Pines Subdivision		Drainage Coefficient Of The System (inches/day) <input type="checkbox"/> 1/4 <input type="checkbox"/> 1/2 <input type="checkbox"/> 3/4 <input checked="" type="checkbox"/> Other See Project Report		
Does The System's Design Include Surface Intakes <input type="checkbox"/> Yes (quantity) _____ <input checked="" type="checkbox"/> No		Type Of Surface Intakes (if applicable)    NA <input type="checkbox"/> Open Inlet (i.e. riser) <input type="checkbox"/> Blind Inlet (i.e. gravel)		
<b>IMPORTANT NOTE</b> - Applications for systems that incorporate surface intakes and have an overall drainage coefficient of greater than 3/8 inches per day must be forwarded to the N.D. Office of the State Engineer (900 E Boulevard Ave, Dept 770, Bismarck, ND 58505-0850), by fax to (701) 328-3696, or by email to <a href="mailto:swcregpermits@nd.gov">swcregpermits@nd.gov</a> for review along with an "Application for Surface Drain." Please contact the Office of the State Engineer at 701-328-2752 for more information.				
Tile System Orientation <input type="checkbox"/> Pattern Tile (parallel) <input checked="" type="checkbox"/> Targeted Tile		Average Tile Spacing (feet, if applicable) Approx. 400 feet between N-S mains		Average Tile Burial depth (feet) Ranges from 4 feet to 9 feet
Type Of System Outlet <input checked="" type="checkbox"/> Gravity - No Control Structure <input type="checkbox"/> Gravity - With Control Structure <input type="checkbox"/> Pump			Outlet Flow Capacity (numerical value) 40-60 Projected <input type="checkbox"/> cfs <input checked="" type="checkbox"/> gpm	
Where Does The Outlet Discharge <input type="checkbox"/> Road Ditch <input type="checkbox"/> Private Drain <input type="checkbox"/> Assessment Drain <input checked="" type="checkbox"/> Natural Waterway <input type="checkbox"/> Pond, Slough, or Lake <input type="checkbox"/> Other (please explain) _____				
Who is Installing The System <input checked="" type="checkbox"/> Self <input type="checkbox"/> Tile Contractor (please list)            BCWRD Special Assessment District - Project to be publicly bid				
Anticipated Installation Start Date Fall 2017			Anticipated Completion Date Spring 2018	
Have You Had A Utility Locate Performed, Including Locating Rural Water Lines <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No            system is located in the opposite ROW ditch from the utilities				

(continued on page 2)

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Do You Own The Land Area To Be Tiled <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Special Assessment District</b>			Do You Own The Land Where The Tile Outlet Is Located <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Natural watercourse</b>		
If NO, Have You Secured Landowner Permission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			If NO, Have You Secured Landowner Permission <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If YES, Please Provide Landowner Information Below			If YES, Please Provide Landowner Information Below		
Landowner Name Hay Creek Twp Roadway - c/o Marcus Hail			Landowner Name Pending - Stormwater Easement Approval		
Landowner Address 8100 43rd Avenue NE			Landowner Address		
City Bismarck	State ND	ZIP Code 58503	City	State	ZIP Code
Telephone Number (701) 204-7748			Telephone Number		
Applicant's Certification					
<p>I, the undersigned, am applying for a permit to install a subsurface water management system on an area comprising 80 acres or more as required under North Dakota Century Code § 61-32-03.1. I understand that I must undertake and agree to provide additional information such that the water resource district considers the application complete. If the water resource district finds, based on technical evidence, that my subsurface water management system will cause unreasonable harm to a roadway or real property located within one mile downstream, I may be required to obtain a notarized letter of approval from landowners entitled to notice before a permit may be issued. Additionally, I will abide by any reasonable conditions or control requirements placed on this permit by the water resource district. My signature below acknowledges that I have read and agree to these statements.</p>					
Applicant Name Burleigh County Water Resource District					
Address 1811 East Thayer Avenue			City Bismarck	State ND	ZIP Code 58503
Telephone Number 701-222-3499	Cell Phone Number NA		Email Address mona@midco.net		
Signature /s/ Greg Larson, Chairman				Date 7/12/2017	

Additional Sheets May Be Attached If Necessary.

See Instructions For Filing A Subsurface Water Management Permit Application On Page 3.

## INSTRUCTIONS FOR FILING A SUBSURFACE WATER MANAGEMENT PERMIT APPLICATION UNDER NORTH DAKOTA CENTURY CODE § 61-32-03.1

A person seeking to construct a subsurface water management system comprising 80 acres of land area or more (see Application Guidance below) must submit a completed permit application to the water resource district board within which the system is located. To be complete, as required under North Dakota Century Code § 61-32-03.1, the application must include all information listed below:

1. A completed "Application to Install a Subsurface Water Management System" form.
2. A detailed drawing depicting the subsurface water management system's location overlain on an aerial photo.
  - a. The drawing must include the system's:
    - i. Location description in Section-Township-Range format.
    - ii. Physical footprint of the system's layout including:
      1. Tile-main sizes and locations,
      2. Laterals to the tile-main sizes and locations,
      3. Surface inlet sizes and locations, if applicable,
      4. Outlet size, location, and type, and
      5. Identification of existing road culverts utilized and descriptions of any proposed culvert additions or modifications.
    - iii. A depiction of the flow direction from the outlet location to at least one -mile downstream.
3. Manufacturer's information for the outlet control structure, if applicable.
4. Copies of recorded deeds for all parcels to be tiled.
5. Copies of recorded deeds for all parcels within one mile downstream of each project outlet, unless the distance to the nearest assesment drain, natural watercourse, slough, or lake is less than one mile.
6. Signed permission from owner(s) of land to be tiled (if you do not own the land to be tiled).
7. Any additional information requested by the water resource district from the applicant to make an informed decision on the application.

### Application Guidance -- Is a Permit Required?

A subsurface water management system comprising 80 acres of land area or more requires a permit from the water resource district within which is found a majority of the land area. For the purposes of this application, "comprising 80 acres of land area or more" means a single system, which has one defined outlet, consisting of 80 acres or more of land area directly drained by the system.

Specifically, determining the land area directly drained by a system is based on the system's zone of influence. The zone of influence is the acreage from which a system will remove subsurface water and is calculated by adding one-half the tile spacing to each exterior dimension of the system. For example, if the tile spacing of a conventional, pattern tile system is 40 feet between parallel tile lines, half of that distance (i.e., 20 feet) may be added to each of the system's exterior dimensions to determine the total land area directly drained by the system. If a system's design lacks a specified tile spacing, other references<sup>1</sup> may be used to determine the land area directly drained by perforated tile. Please note that the zone of influence is not applicable for non-perforated pipe applications.

<sup>1</sup>Wright, Jerry and Sands, Gary. *Planning an agricultural subsurface drainage system*. University of Minnesota Extension Service, 2009. <http://www.extension.umn.edu/agriculture/water/planning/planning-a-subsurface-drainage-system/>.

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**APPLICATION TO INSTALL A SUBSURFACE  
WATER MANAGEMENT SYSTEM**  
OFFICE OF THE STATE ENGINEER  
REGULATORY DIVISION  
SFN 61244 (5/2017)

Number  
(OSE USE ONLY)

Number  
HC-1  
(WRD USE ONLY)



This application must be submitted to the water resource district in which the system is located (please visit <http://swc.nd.gov/> for contact information). To be complete, this application must include the additional information listed in the instructions on page 3.

Water Resource District In Which System is Located Burleigh County - Hay Creek Pines Groundwater Removal Project - Special Assessment District				
Location Of Land To Be Tiled				
1/4 Part of the NE 1/4	Section 34	Township 140	Range 80	County Burleigh
1/4	Section	Township	Range	County
1/4	Section	Township	Range	County
Outlet Location				
1/4 NW 1/4 SE 1/4	Section 34	Township 140	Range 80	County Burleigh
Purpose				
<input checked="" type="checkbox"/> Subsurface Drainage <input type="checkbox"/> Subsurface Irrigation <input type="checkbox"/> Other (please explain) _____				
Design Data				
Total Land Area To Be Tiled (acres) 86.55 acres within Hay Creek Pines Subdivision		Drainage Coefficient Of The System (inches/day) <input type="checkbox"/> 1/4 <input type="checkbox"/> 1/2 <input type="checkbox"/> 3/4 <input checked="" type="checkbox"/> Other See Project Report		
Does The System's Design Include Surface Intakes <input type="checkbox"/> Yes (quantity) _____ <input checked="" type="checkbox"/> No		Type Of Surface Intakes (if applicable) <u>N/A</u> <input type="checkbox"/> Open Inlet (i.e. riser) <input type="checkbox"/> Blind Inlet (i.e. gravel)		
<p><b>IMPORTANT NOTE</b> - Applications for systems that incorporate surface intakes and have an overall drainage coefficient of greater than 3/8 inches per day must be forwarded to the N.D. Office of the State Engineer (900 E Boulevard Ave, Dept 770, Bismarck, ND 58505-0850, by fax to (701) 328-3696, or by email to <a href="mailto:swcregpermits@nd.gov">swcregpermits@nd.gov</a>) for review along with an 'Application for Surface Drain.' Please contact the Office of the State Engineer at 701-328-2752 for more information.</p>				
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Type Of System Outlet <input checked="" type="checkbox"/> Gravity - No Control Structure <input type="checkbox"/> Gravity - With Control Structure <input type="checkbox"/> Pump				Outlet Flow Capacity (numerical value) 40-60 Projected <input type="checkbox"/> cfs <input checked="" type="checkbox"/> gpm
Where Does The Outlet Discharge <input type="checkbox"/> Road Ditch <input type="checkbox"/> Private Drain <input type="checkbox"/> Assessment Drain <input checked="" type="checkbox"/> Natural Waterway <input type="checkbox"/> Pond, Slough, or Lake <input type="checkbox"/> Other (please explain) _____				
Who Is Installing The System <input checked="" type="checkbox"/> Self <input type="checkbox"/> Tile Contractor (please list) <u>BCWRD Special Assessment District - Project to be publicly bid</u>				
Anticipated Installation Start Date Fall 2017		Anticipated Completion Date Spring 2018		
Have You Had A Utility Locate Performed, Including Locating Rural Water Lines <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No            system is located in the opposite ROW ditch from the utilities				

(continued on page 2)

*This was not approved &  
voted on until 8-9-17*

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Do You Own The Land Area To Be Tiled <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Special Assessment District</b>			Do You Own The Land Where The Tile Outlet Is Located <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Natural watercourse</b>		
If NO, Have You Secured Landowner Permission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			If NO, Have You Secured Landowner Permission <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If YES, Please Provide Landowner Information Below			If YES, Please Provide Landowner Information Below		
Landowner Name Hay Creek Twp Roadway - c/o Marcus Hai			Landowner Name Pending - Stormwater Easement Approval		
Landowner Address 8100 43rd Avenue NE			Landowner Address		
City Bismarck	State ND	ZIP Code 58503	City	State	ZIP Code
Telephone Number (701) 204-7748			Telephone Number		
Applicant's Certification					
I, the undersigned, am applying for a permit to install a subsurface water management system on an area comprising 80 acres or more as required under North Dakota Century Code § 61-32-03.1. I understand that I must undertake and agree to provide additional information such that the water resource district considers the application complete. If the water resource district finds, based on technical evidence, that my subsurface water management system will cause unreasonable harm to a roadway or real property located within one mile downstream, I may be required to obtain a notarized letter of approval from landowners entitled to notice before a permit may be issued. Additionally, I will abide by any reasonable conditions or control requirements placed on this permit by the water resource district. My signature below acknowledges that I have read and agree to those statements.					
Applicant Name Burleigh County Water Resource District					
Address 1811 East Thayer Avenue			City Bismarck	State ND	ZIP Code 58503
Telephone Number 701-222-3499		Cell Phone Number NA		Email Address mona@midco.net	
Signature /s/ Greg Larson, Chairman					Date 7/12/2017

Additional Sheets May Be Attached If Necessary.

See Instructions For Filing A Subsurface Water Management Permit Application On Page 3.



**APPEAL OF A WATER RESOURCE DISTRICT  
DRAINAGE COMPLAINT DECISION**

(PURSUANT TO SECTION 61-32-08 NDCC)  
(7/14)

Office of the State Engineer  
900 East Boulevard Ave,  
Bismarck, ND 58505-0850



SWC USE ONLY

1. \_\_\_\_\_ Water Resource District (WRD)
2. Drain Location: \_\_\_\_\_ ¼, \_\_\_\_\_ ¼, Section \_\_\_\_\_, Twp. \_\_\_\_\_ N., Rge \_\_\_\_\_ W.
3. Parties to the complaint: \_\_\_\_\_  
\_\_\_\_\_
4. Petitioner's interest in District's decision, including impact the decision has on Petitioner:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Relief the Petitioner seeks:  
\_\_\_\_\_  
\_\_\_\_\_
6. Statement identifying errors in WRD decision that entitle Petitioner to seek relief:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Facts presented to WRD, which support Petitioner's position:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please enclose all materials relating to complaint, including copy of original complaint form submitted, supporting documentation, and a copy of the WRD's decision.

Petitioner's name, signature, and date signed: \_\_\_\_\_ Printed name \_\_\_\_\_

Signature \_\_\_\_\_

Date: \_\_\_\_\_



**APPEAL OF A WATER RESOURCE DISTRICT  
DRAINAGE COMPLAINT DECISION**  
(PURSUANT TO SECTION 61-32-08 NDCC)  
(7/14)  
Office of the State Engineer  
900 East Boulevard Ave,  
Bismarck, ND 58505-0850

SWC USE ONLY

1. \_\_\_\_\_ Water Resource District (WRD)
2. Drain Location: \_\_\_\_\_ ¼, \_\_\_\_\_ ¼, Section \_\_\_\_\_, Twp. \_\_\_\_\_ N., Rge \_\_\_\_\_ W.
3. Parties to the complaint: \_\_\_\_\_
4. Petitioner's interest in District's decision, including impact the decision has on Petitioner  
\_\_\_\_\_  
\_\_\_\_\_
5. Relief the Petitioner seeks:  
\_\_\_\_\_  
\_\_\_\_\_
6. Statement identifying errors in WRD decision that entitle Petitioner to seek relief:  
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7. Facts presented to WRD, which support Petitioner's position:  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please enclose all materials relating to complaint, including copy of original complaint form submitted, supporting documentation, and a copy of the WRD's decision.

Petitioner's name, signature, and date signed: \_\_\_\_\_ Printed name \_\_\_\_\_  
Signature \_\_\_\_\_  
Date: \_\_\_\_\_



**APPEAL OF A WATER RESOURCE DISTRICT  
DRAINAGE COMPLAINT DECISION**

(PURSUANT TO SECTION 61-32-08 NDCC)  
(7/14)

Office of the State Engineer  
900 East Boulevard Ave,  
Bismarck, ND 58505-0850

**RECEIVED**  
**OCT 04 2017**  
**STATE WATER COMMISSION**  
SWC USE ONLY

CF

1. BURLEIGH County Water Resource District (WRD)
2. Drain Location: NE 1/4, 1/4, Section 34, Twp. 140 N., Rge 80 W.
3. Parties to the complaint: BURLEIGH COUNTY WATER RESOURCE District and Residents of HAY CREEK PINES.
4. Petitioner's interest in District's decision, including impact the decision has on Petitioner:  
See attached.

5. Relief the Petitioner seeks:  
Deny the application, drain pipe past 84<sup>th</sup> AVE. NE, and mitigate damages from ponding of water with adverse Contamants.

6. Statement identifying errors in WRD decision that entitle Petitioner to seek relief:  
Board took no action even though no one spoke for approval. Randy Bakke, Alton Nitschke and Arlene Nitschke protested. Board did not discuss or offer solutions to protest issues raised

7. Facts presented to WRD, which support Petitioner's position:  
See Attached

Please enclose all materials relating to complaint, including copy of original complaint form submitted, supporting documentation, and a copy of the WRD's decision.

Petitioner's name, signature, and date signed:

Printed name Alton Nitschke  
 Signature Alton Nitschke  
 Date: 10-4-2017



October 4, 2017 Appeal by Alton Nitschke

SUPPLEMENT TO APPEAL BY Randy Bakke and Alton Nitschke dated September 25, 2017

Additional areas of concern to supplement appeal filed by Randy Bakke and Alton Nitschke on 09/25/2017

Item 5 of appeal form

We are adjacent landowners downstream of the drainage location. The drainage will impact our property by flooding and ultimate destruction of high quality topsoil by introducing Total Dissolved Solids and Sulphates. See letter by Dr. Larry Cihacek in previous appeal dated September 25, 2017.

Item 6 of appeal form

See attached document which is a response to adjacent landowners technical comments from Michael Gunsch, Houston Engineering Dated September 25, 2017 which was only provided to Randy Bakke and Alton Nitschke on at a public meeting held by BCWRD on September 29, 2017 three minutes prior to comments being allowed to respond to this document. This Document is attached.

In item Findings III the response to item a. is a general statement which doesn't provide for technical support on this response. No Elevation shots were taken, a cursory review of the drainage way on a field trip did not determine whether water would flow from the subdivision through the Bakke Property and the Nitschke Property. The statement does not quantify the issues being complained about.

Item Findings III comment ii

Mr. Gunsch response doesn't state any technical data such as that stated in his technical findings issued on August 4, 2017 which indicated that initial downstream releases of 40-60 gpm were likely to be experienced. At 40 gpm there will be 57,600 gallons per day or 403,200 Gallons per week. This is far more than what the crossing at 84<sup>th</sup> will even begin to handle and this will flood acreage on our property over an extended period of time as well as risk water damage to the Nitschke residence. At 60 gpm there will be 86,400 gallons per day or 604,800 per week. We have contacted the Burleigh County Engineers office who in the initial viewing indicated that because of elevations on the south side of 84<sup>th</sup> being higher than the elevations on the north side, there may not be much they can do to alleviate problems with flooding.

Item Findings III comment iii

Mr. Gunsch states that 84<sup>th</sup> Ave is not related to the Hay Creek Pines drain project. In the technical findings issued by Mr. Gunsch on August 4, 2017, Mr. Gunsch acknowledged that 84<sup>th</sup> Ave needed to be rehabilitated because it was a problem. We strongly disagree problems with this crossing are not related to the Hay Creek Pines Project because the additional water flow (see statement above) from Hay Creek Pines Drainage will significantly add to the issues with dropping sediment onto the Nitschke Property because the current spring snowmelt surges already have become unmanageable due to the issues with the 84<sup>th</sup> Ave Crossing. When you consider the issues with the current condition of the Hay Creek waterway and the 84<sup>th</sup> Ave Crossing and then add a basic minimum of 1.58 gpm on a 24 hour a day, 7 days a week, 365 days a year (2,275 gallons per day, 800,375 gallons per year) to the normal rainfall and snowmelt this will flood everything at an elevation of 1845 feet, without considering the initial surge from the drainage project that will not be handled by the 84<sup>th</sup> Ave Crossing. There is no study completed that addresses the issues that will result from the winter freezing of the drainage from Hay Creek Pines and adding that to the spring surge of normal snowfall melting and spring rains. The Braun Intertec report did not address this nor has Mr. Gunsch with Houston Engineering addressed this. While MR. Gunsch states no unreasonable harm will be caused, no technical work has been done by Mr. Gunsch or others to show this to be true. We live on this land and in a significant rainfall, 84<sup>th</sup> doesn't accommodate the water due to obstructions and misalignment of the culverts. While Mr. Gunsch states the waterway is poorly maintained, he ignores the fact that he has been apprised that the waterway has been maintained until the last few years because of standing water in the waterway. That should be a clue as to what will happen when the drainage water releases are sent downstream. Even during these periods cattails were sprayed. But for this project, our land has some standing water in the channel for a couple of months, until evaporation takes care of this, so we don't agree it's unreasonable that this is not a project cost.

Item: Findings b ii Water Quantity concerns

See response above

What has not been addressed by Burleigh County Water Resource District (BCWRD) is that the continuous water flow, much of it covering the waterway and other low areas will cause permanent damage to the soil due to excessively high total dissolved solids and sulfates. See the documents attached in our original appeal that show corrosive water quality and the effect it has on the soil at this location. This will cause unreasonable Harm to both the Bakke and Nitschke properties.

Item: Findings b iii

The crossing on the Nitschke property was completed many years ago. It currently only overtops for a couple of days in the spring as a result of snowmelt. Beyond that it is suitable and dry for travel during the remainder of the year. So to say it was improperly installed is a significant overstatement. It only holds a very insignificant amount of water that is located by the culverts. It was not undersized at the time of construction and still is not undersized unless you add a large amount of constant flow of water would be drained on a continuous basis.

Water Quality Concerns:

Item: i

Water quality testing was substandard, USDA protocols determine all ground water tested should be tested for Nitrates, Sulfates, Phosphates, E. coli and Coliform. The water tests directed by Houston Engineering completed by Braun Intertec did not include tests for Fecal Coliform or E. coli as they were not requested by Mr. Gunsch of Houston Engineering. Alton Nitschke tested for E. coli and coliform and found it present. There are 35 septic systems in Hay Creek Pines and it is likely that these contaminants will be present in the water discharged by the drainage project. These contaminants were not tested for and no technical reason has been given for not doing this. Most members of the Board at the September 29, 2017 meeting seemed unaware that E. coli and coliform were not tested for. It would not be difficult to have these tests done on all wells since these contaminants provide results within a 24 hour period. We request these tests be performed and we want to be present when samples are taken.

We don't agree that 43rd Ave relates to this location and no indication of where that water is going on 43<sup>rd</sup>, That water quality may not be comparable to water on our land. We live on part of this land, have excellent topsoil and crop it currently. You may refer to Dr. Cihacek letter stating the effects to the soil and to the previously supplied documents from NDSU stating the effects to livestock when drinking water with these attributes.

Please refer to documents supplied in our original appeal as to the water quality in the samples tested.

Item vii

Response states that no sewage will be discharged yet laterals running to or by sewage drain fields will be gathering this water along with contaminants.

Landowner recommendations

But for this project, the alleged preexisting conditions are tolerable and do not present any risk or harm to the landowners. The response is without merit.

Establish a cleaning cycle.

Again but for this project, there are no significant issues other than those caused by natural means, rainfall, snowmelt etc. This is not a natural event and will be caused by intentional flooding of water which the quality of indicates it should be left in the ground because of its negative and corrosive attributes.

The failure to act by BCWRD to approve this permit application is not a failure but rather an intentional act to avoid dealing with the issues presented by Randy Bakke, Alton Nitschke and Arlene Nitschke that will create unreasonable harm that will occur from both the quantity and quality of water. These issues were barely discussed. One Board member suggested that E. Coli and coliform water testing be completed since it would only take two days, the suggestion was completely ignored.. There was no due process of any issues raised and responses to our technical findings were provided three minutes prior to the start of the meeting although they had been prepared days earlier. BCWRD has not given any consideration whether there will be unreasonable harm due to flooding or the effects of toxic water standing on the Nitschke and Bakke land.

None of the residents of Hay Creek Pines spoke for the approval of the Permit Application, Randy Bakke, Alton Nitschke and Arlene Nitschke spoke against the project for reasons mentioned in this appeal including flooding, lack of due process and unreasonable harm to our properties.

## **Hay Creek Pines Subsurface Drainage Permit Response to Landowner Technical Comments**

---

**To:** Burleigh County Water Resource District  
**From:** Michael H. Gunsch, PE, CFM, Houston Engineering, Inc.  
**Subject:** Responses and Recommendations  
**Date:** September 25, 2017  
**HEI No:** 6025-018-014 – Hay Creek Pines Groundwater Removal Project

### **REVIEW AND RESPONSES:**

The BCWRD is in receipt of the technical comments to the Hay Creek Pines Groundwater Removal Project. Given the landowner responses the Board requested a technical review to assist them when evaluating their action to approve, approve with conditions, or deny the Hay Creek Pines Subsurface Drainage Permit. The following is a review of the comments, information provided and our responses.

#### *Summary of Findings - Hay Creek Pines Groundwater Removal Project*

*Prepared for: Randall Bakke and Alton & Arlene Nitschke Downstream landowners, Bismarck, ND*

*Prepared By: Kenneth Nysether, PE, Short Elliot Hendrickson, Inc., Bismarck, ND*

#### *III. Findings:*

- a. The Cause of the Situation is not addressed*
- i. The complaint filed by the property owner from Hay Creek Pines in January 2016 was focused on the obstruction of the watercourse (Hay Creek) south of Hay Creek Pines yet this complaint is not being addressed. There is little information provided regarding how the determination was made that the surface drainage channel's poor condition was not a major factor in the recharge of groundwater in the subdivision. Hindrance of surface water flow will allow more time for water to percolate into the soil and even if this occurs downstream of the subdivision, it will have an adverse effect on the ground water gradient upstream of the area. This impact to the system does not appear to have been evaluated by any means except by a cursory look at the drainageway on a field visit.*

**Response:** This is incorrect as the original drainage complaint was evaluated and addressed, though it has not been dismissed. There is adequate drainage provided by topographic relief from north to south within the subdivision and roadways to remove surface waters. The obstruction in the downstream natural watercourse was evaluated. By the elevation, it was clear the removal of a one foot, plus or minus, obstruction would not resolve groundwater elevations upstream within the development. The drawdown removal of a small amount of water using channel grading and flows through the natural soils would not extend into the subdivision to a level to meet project objectives.

The landowners were notified that surface drainage would lower groundwater for only a very short distance upstream from the obstruction, and would not address the larger groundwater issues within the subdivision. Subsequently, all thirty-five residents signed and submitted a petition to the BCWRD for a project to remove groundwaters, and further action on the obstruction complaint was suspended. Removing the obstruction was discussed with Mr. Bakke and costs were included in the project as part of the easement discussion. The disposition of the obstruction removal remains to be addressed.

The results of the geotechnical evaluation supports the findings that improvement of surface drainage alone is not practical to remove waters to the depth a drain tile system would. The groundwater gradient in the soils is steeper than that provided with the drain tile system.

- ii. *The landowners to the south of Hay Creek Pines (Bakke and Nitschke) have shared the history of their land transitioning from mowable and maintainable hay land through the watercourse limits to the wetland vegetation and wet conditions existing today. These descriptions would support the complaint filed by Christianson regarding the condition of the drainage way, yet the proposed solution to the problem listed in the complaint does not in any way address the concerns expressed in the complaint.*

Response: See response above. The condition of the natural watercourse downstream from the subdivision is affected by upstream groundwater. This area is subject to the existing upstream groundwaters discharging into the base of the natural channel, which has resulted in the proliferation of vegetation, primarily cattails. This vegetation also has a significant uptake of waters during the growing season; however, it is agreed if this vegetation was removed surface flow capacity would improve. The BCWRD's Technical Findings address the projected flows from the watershed and those into the system from the drain tile system.

It is important to understand groundwaters removed by the project are already reaching the natural watercourse. Either rising above the channel bottom naturally, or via the numerous sump pumps discharging waters on to the surface impacting the residences, trees and roadways.

The transitional change in natural watercourse conditions is not isolated to the downstream landowner properties, and exists throughout Burleigh County and the State associated with the current climatological wet cycle that started around 1993. The current drought is an exception to the recent higher than average precipitation and runoff that has occurred.

- iii. *The start of the issues with slowing water movement within the drainageway across the Nitschke and Bakke properties coincides with the replacement and realignment of the culverts under 84<sup>th</sup> Avenue to the west of the Nitschke homestead. The velocity reduction caused by the incorrect alignment has resulted in significant sediment deposition on the Nitschke property and slowing of the surface drainage upstream of this crossing.*

Response: The issues at 84<sup>th</sup> Avenue may be related to the culverts; however, it is unrelated to the project or its use of the natural watercourse. The Bakke property is 6 to 8 feet higher than the streambed at 84<sup>th</sup> Avenue and is not affected by the crossing configuration. The project releases noted in the Technical Findings range from a base flow of 1.58 gallons per minute to a projected high flow of 50 to 60 gallons per minute, after initial construction discharges. These releases have no impacts at this crossing or cause unreasonable harm. The Nitschke's should contact the Burleigh County Highway Department to address the section line culverts, which are located on the Gibbs and Hay Creek Township line.

b. Water Quantity Concerns

- i. *The drainage way across the Bakke and Nitschke Properties is not very well defined, leading to slow water migration and ponding as it exists. The landowners have witnessed standing water in numerous locations between Hay Creek Pines and the crossing at 84th Ave for extended durations in wetter years. This year has been dry and therefore, so is the drainage way for the first time in several years. We recommend the drainage way be reshaped to provide positive drainage through the properties as a part of this project. The drain tile system will provide a base flow discharge to the drainage way, substantially extending the time period when water is being fed to the area. While this flow rate is going to be low (we are in agreement that flow rates through this soil type will be slow) it will be more continuous and thereby preventing the drainage way from drying out.*

Response: We disagree this natural watercourse is well defined, more accurately it is poorly maintained as flows are impeded by excessive vegetation far more than stream gradient or channel size. This natural watercourse is no different than many others throughout the area to the north and east, as well as within the Hay Creek Watershed and Burleigh County. Landowners are obligated to maintain their natural watercourses, though the difficulty to do so under the recent historically wet conditions is recognized. In our opinion, the burden to maintain or reshape the natural watercourse cannot reasonably be placed on the project given the lack of maintenance and no unreasonable harm determination.

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Regarding the continued flows. Intrinsically the removal of the higher groundwaters upstream within the Hay Creek Subdivision could reduce flows and duration in the channel compared to existing the natural releases into the stream bed and current sump pump operations. With the measurably lowered groundwater levels the upper soil profile there will be an increase in infiltration and soil moisture storage capacity, which subsequently will result in less surface runoff. In addition, once the upper groundwaters are removed there should be a corresponding reduction in the exfiltration in the channel associated with the Hay Creek Pines Subdivision.

- ii. *The crossing at 84<sup>th</sup> Avenue is in very poor condition. The culverts crossing this section line roadway are not appropriately sized and they cause backups during large rainfall or snowmelt events. These culverts should be evaluated, sized and replaced as part of the project during the reestablishment of the positive gradient on the drainage way. The alignment of the drainage way and the culverts also does not match and this causes additional problems with the efficient passage of water through the roadway embankment.*

Response: 84<sup>th</sup> Avenue is a section line trail and not an active township roadway. No technical evidence has been provided the existing culverts are inappropriately sized for this stream crossing. Such crossings are typically evaluated based on the North Dakota Stream Crossing Standards, however no such analysis was provided. Regardless, this is a township section line issue and not project related. The project flows will not impact channel conditions or this crossing, therefore there is no basis upon which to require the project to be involved in either the analysis or changes to this roadway. The Burleigh County Highway Department has determined this site to be in compliance with the stream crossing standards, however it would not meet township roadway standards if it were to be included in their system.

- iii. *The field crossing culverts for the drainage way on the Nitschke property are also undersized and likely at the wrong elevation for positive gradient to be reestablished in the drainage way. Overtopping of this crossing in larger rainfall or snowmelt events is acceptable and therefore will allow different criteria to be used for the evaluation of the culverts than that used for 84<sup>th</sup> Avenue. Regardless, it is expected that the culverts will require realignment both horizontally and vertically to the improved drainage way.*

Response: This claim states the landowner has constructed an undersized crossing, which was improperly installed and is an obstruction to flows. Were this crossing adversely impacting upstream properties, and the BWCWD received a complaint, they could order the landowner to implement corrective action. Since no complaint has been filed and the impacts are likely confined to the Nitschke property no action is necessary.



The landowner is in the best position to correct the issues at the crossing. The project will not cause unreasonable harm at this location and cannot reasonably be obligated to pay to improve a situation it did not create. This is clearly the result of landowner action, and should be corrected by same.

### **Water Quality Concerns**

- i. *Monitoring wells have been established throughout the Hay Creek Pines subdivision. These wells were installed to allow the design team to monitor groundwater levels and movement. While not their intended purpose, they also lend insight to the quality of water found at the system depth and the possibility of contamination from septic systems within the subdivision.*

Response: Water quality testing was completed and the results presented in the Board's Technical Findings. The basis for a claim of contamination is not supported either in the results provided by the Board or the landowners technical response.

- ii. *Water samples collected by Braun Intertec on July 6, 2017 on behalf of Houston Engineering were sent away to be tested. Those test results were included in the Technical Findings Memorandum dated August 4, 2017. These findings show sufficient Alkalinity levels to be poor quality water for irrigation or livestock. Bringing this poor quality water to the surface and discharging into a poorly defined surface water channel will be damaging to the plant material and will reduce the value of the property. The samples were tested for a number of characteristics; however, fecal coliform and E. Coli were not tested. The downstream landowners fear that there is a high potential for contamination of the groundwater by the septic systems found within the Hay Creek Pines Subdivision.*

Response: It is true the sample data indicate elevated sulfate levels in some locations. These levels were compared to available background levels within the Hay Creek Watershed at 43<sup>rd</sup> Avenue downstream. These background levels had a mean value of 1128 mg/l, but noted a high value of 2120 mg/l. Even higher values have been recorded in other portions of the Hay Creek Watershed. Considering the low volume of project flows compared to watershed runoff no unreasonable harm will occur. Given the watershed there is insufficient water for irrigation purposes. Therefore, there is no data or evidence provided in these technical comments to support or validate the landowner's claims.

- iii. *Water samples from the monitoring wells were tested by the downstream landowners testing lab (MVTL) and found to contain coliform and E. Coli. This contamination evidence is showing up in the groundwater currently without the drain tile system being in place to carry the contaminants through the subdivision. While admittedly, proper sampling containers were not used for sample collection, the lack of test data on the properly collected samples makes it difficult to refute the findings. Sampling and testing of the monitoring wells should be undertaken to test for E. coli and Coliform without purging the wells to determine the health safety of the water being brought to the*

*surface. iv. With the contaminants already evident in the groundwater, the installation of the drain tile system will increase the likelihood of contaminants from the septic systems being brought to the surface and creating issues downstream.*

Response: The referenced MVTL results were not provided, therefore there is no evidence of any groundwater containing coliform or E. Coli. By their own admission proper sampling containers were not used for the MVTL testing, therefore results even if provided would not be reliable and could not be used as evidence of such a finding. Subsequently, no finding has been documented.

Septic systems are designed to treat waste water, using a septic tank and a drain field. Treatment in these systems occurs within the septic tank and the drain field. Treated waters then generally infiltrate toward the underlying groundwaters. There are design criteria regarding the placement and construction of drain fields relative to groundwater or private well systems. By ordinance drain fields in Burleigh County must be designed in accordance with the North Dakota Plumbing Code, which recommends a minimum of two-foot separation between the bottom of the drain field and groundwater levels, see attached. One project benefit will be to increase the distance from the drain field to groundwater levels, subsequently reducing potential contamination risks. While we do not have specific documentation, we understand several septic systems within the Hay Creek Pines Subdivision were converted to mound or elevated systems, due to their being affected by groundwater.

Coliform and E. Coli are naturally occurring within all watersheds, as this is an environment with animals, including horses and livestock. Therefore, its existence in the stream is expected, and thus testing provides no real determinative value. To have this contaminant appear in groundwater releases would require the lateral to be nearly in direct contact with a drain field. Neither occurs within the proposed system or the existing residential sump pumps. Pursuant to NDCC 61-32-03.1 the downstream landowner is obligated to provide technical evidence and justification of impact or harm, which in our opinion has not occurred.

Individual sump pump operations are already discharging groundwater onto the surface that would be removed by the drain tile system. Sump pumps remove water from around the foundation of the residences, and per the ND Plumbing Code drain fields must be located at least 20 feet from the building.

- v. *The current design includes provisions for the individual landowners to extend laterals from the main system into their lots. No information was presented that discussed the permitting or testing process that the homeowners will be required to follow for the extension of the system into their lots. There is much concern that by extending these laterals, the travel distance from the septic*



*system to the free flowing drain tile system will be reduced to the point where inadequate treatment of the sewage will be possible. This reduction in travel distance creates a high potential for septic system gray water to reach the drain tile system and to come to the surface under the current design.*

Response: There is merit to the concern regarding the location of the private laterals. This issue was specifically addressed during the Public Hearing in that lateral connections would be considered on a case by case basis. As a result, these installations are under the review, control and approval of the BCWRD. Subsequently, we recommend this requirement be formalized as a condition to the subsurface drainage permit.

*vi. Once the lateral is installed and connected to the system, monitoring and finding the source of contamination will be difficult and was not discussed in the report.*

Response: The concern is addressed in the recommended permit condition. Access would be provided for each lateral system for cleanout purposes.

*vii. Discharge of sewage to the ground surface is not advisable and no discussion was offered as to how this would be prevented.*

Response: No "sewage" will be discharged to the surface, therefore this an unfounded claim. The recommended condition, noted below, and location per the ND Plumbing Code separation requirement would prevent potential drain field connections.

**The following responses are provided to the landowner recommendations:**

*IV Recommendations:*

*a. Deny the Project Application:*

*Insufficient evaluation and analysis of the downstream surface water impacts has been accomplished and presented in the project findings. The Christianson Complaint called for the downstream surface water drainage way to be evaluated and improved to allow the water to move more freely away from the Subdivision. This complaint has not been addressed in the proposed project. We feel that the surface drainage issues are influencing the groundwater elevations in Hay Creek Pines Subdivision and need to be the first step in groundwater mitigation rather than an afterthought.*

Response: See responses above, this conclusion is not supported.

b. *Approve the Project Application with Additional Requirements:*

*Adding stipulations to the acceptance of the project whereby the Water Resource District agrees to conditions of acceptance that may not fully address these issues, but addresses them to the point of satisfaction for Bakke and Nitschke. Those are:*

Response: The recommendation to require the Hay Creek Pines Groundwater Removal Project to correct preexisting conditions or improve natural conditions or modify situations created by the landowners or the Township is not justified and unacceptable.

- *The 84<sup>th</sup> Avenue crossing be evaluated and improved as part of the project to allow runoff reaching this point of the drainage way to cross the section line more efficiently.*

Response: It is suggested the landowners work with the Burleigh County Highway Department, if they desire to upgrade this crossing and bring the section line into the township roadway system, as they are the operation and maintenance authority for the township roadway.

- *Shape the drainage way and reestablish positive gradient from the discharge point to 84<sup>th</sup> Avenue including resizing and realignment of the culverts under the private crossing on the Nitschke Property.*

Response: The natural watercourse will not suffer unreasonable harm from the project, and its gradient is like many others in the watershed. As noted the inadequate installation and obstruction to flows associated with the private crossing results from landowner's actions and are not impacted by the project.

- *Establish a cleaning cycle for the drainage way, to be undertaken by the Water Resource District, to assure that neither the Bakke nor Nitschke properties are suffering impounded waters resulting from upstream erosion and sedimentation within the drainage way. These costs will be borne by the Water Resource District and Hay Creek Pines Subdivision.*

Response: The issues of erosion, sedimentation and ponded waters are a function of the natural drainage from this watershed and along the natural watercourse. Maintenance of natural watercourses to prevent obstruction is the landowner's responsibility not that of the landowners in the upstream watershed, the public or the BCWRD.

- *Extend the drain tile system from the currently proposed terminus to the south side of the 84<sup>th</sup> Avenue roadway embankment to prevent sewage contamination of the Bakke or Nitschke properties along the drainage way.*

7/6

Response: It is recognized there is a contribution of effluent from the drain tile systems that would reach groundwater. However, a request to pass groundwater discharges onto the downstream landowners is unfounded and raises questions as to the purpose or technical justification for such a request.

- *The Water Resource District shall reimburse Bakke and Nitschke for engineering and testing costs associated with the review, evaluation and resolution of this project incurred previously or in the future and include those in the project costs.*

Response: The NDCC 61-32-03.1 for subsurface drainage permits requires the downstream landowner to provide Technical Evidence to the Board at their expense, should they choose to do so. Subsequently, any request for reimbursement is not justified.

*We reserve the right to supplement or amend our findings in this report in light of new information about the project.*

Response: Should the BCWRD fail to act in 30 days, from the end of the 30 day notice period, a total of 60 days this permit is automatically approved, which occurs on or around October 8<sup>th</sup>. In this case the BCWRD is the agent of the applicant, which is the Hay Creek Pines Special Assessment District.

## **RECORD OF DECISION RECOMMENDATIONS:**

Given the landowners technical comments and responses provided above the recommendations in the landowner's technical submittal are not supported. The documentation of "unreasonable harm" in our opinion has not been substantiated.

Therefore, we recommend that the Burleigh County Water Resource District approve the Hay Creek Subsurface Drainage Permit, subject to the following conditions.

1. The project be constructed within the township roadway right-of-way or private properties for which easements or approvals can be secured. This includes lots within the Hay Creek Pines subdivision as described in the Technical Findings, including a gravity and pump system discharges to the natural watercourse.
2. Any sump pump or private lateral connections, from outside the roadway ROW, into the project drain tile system must be approved by the BCWRD, after a review of design and installation aspects, including size, location, depth and capacity.

## Burleigh County Ordinance:

For septic tanks and drainfields, a report from a Certified Soils Classifier or a Certified Soils Testing Agency, that indicates the soil types and specifications for an individual site and that the property is suitable for the location of a septic system on that site as per the current North Dakota Plumbing Code, is required prior to issuance of a permit. As an alternative, installation of three hundred and fifty (350) square feet of drainfield per bedroom, installed in accordance with the applicable requirements of the North Dakota Plumbing Code, will be allowed and a permit issued for such installation. The Inspections Department will conduct an inspection of the septic tank and drainfield to insure that the installation complies with the North Dakota Plumbing Code.

## ND Plumbing Code

5. **Ground water.** No plumbing fixture may be connected to any individual sewage treatment system where ground water may collect above the sewage treatment system causing a flooded condition, unless the elevation of the fixture trap is a sufficient height above the elevation of the finished grade of the ground in which the sewage treatment field is installed to prevent backup. The minimum separation distance from the bottom of the treatment area must equal or exceed twenty-four inches [60.96 centimeters].

### 62-03.1-03-09. Absorption trenches.

1. **Design.** Adsorption trenches shall be designed and constructed on the basis of the percolation test results or other soil data. Trench bottom area required is shown in the table in subsection 4. The bottom of the trench shall be dug so it is dead level throughout its length. The maximum depth to the bottom of absorption trenches may not exceed forty-eight inches [121.92 centimeters]. The trench bottom must be at least twenty-four inches [60.96 centimeters] above the mottled soil condition indicating a water table or from standing water in the borehole.

2. The following table provides for the minimum distances that shall be observed in locating the various components of the treatment system:

	Well <100'	Well >100'	Distribution Device	Treatment Area	Property Lines	Building
Building Sewer	100	50	-	-	-	-
Septic Tank	100	50	5	10	10	10
Distribution Device	100	50	-	-	10	20
Treatment Area	100	50	5	-	10	10
Well <100'	-	-	100	100	n/a	n/a
Well >100'	-	-	50	50	n/a	n/a
Water line (pressure)	-	-	10	10	n/a	n/a
(suction)	-	-	50	50	n/a	n/a
Surface Water bodies	n/a	n/a	100	100	n/a	n/a

October 17<sup>th</sup>, 2017

Greg Larson  
2525 Larson Road  
Bismarck, North Dakota 58504

Dear Greg:

We are homeowners at 9500 Oak Drive – in the Hay Creek Pines subdivision.

We support improving the Hay Creek drainage and groundwater conditions that have impacted property owners from 110<sup>th</sup> Avenue North to Arizona Drive. However, we don't believe the proposed "Project" for Hay Creek Pines will greatly improve the groundwater conditions within the Subdivision nor does it provide benefit to our home and property. **We request that we are not included in the Special Assessment District that would be set up to pay for this "Project".**

Enclosed, you will find the Preliminary Plans / Special Assessment District information provided as page 9 of the May, 2017 Hay Creek Pines Groundwater Removal Project. The highlighted paragraph states *"that residences on the southern end of Oak Drive might not receive the same level of benefit as other properties."* In these cases, their basements elevations are apparently below that of the drain tile system and the landowners can protest their assessment level.

Enclosed, you will also find the Drain Tile Layout – Preliminary map reflecting the drain tile main line and laterals. This was part of the "Project's" Feasibility Evaluation. Note the drain tile main line for the northern half of Oak Drive (where we reside) is a red dotted line. In a message received in July from your Professional Engineer, he indicated that *"the decision for eliminating a portion of the alignment will be made during the final design."* That would seem to indicate the Project does not have a final design and / or that there may be a need for additional groundwater investigations to be made. It may also indicate that this red dotted line is a budget balancing measure rather than a "Project" design decision.

If our request is denied, we request that you identify exactly what legal and financial **recourse** the District is providing to the investors in this "Project". Any contractor installing a drain tile system would be expected to ensure customer satisfaction and stand behind their work. What assurances are we being provided - the customers investing in and being served by this "Project"?

From the model output analysis of the drain tile system made by Braun Intertec (page 9 of the 3-3-17 Hydrogeological Analysis) the "Project" will remove 66,000 gallons from the Subdivision each year. Obviously, this is hardly worth the investment the Board has put into this "Project" – let alone the additional investment that would be made. Connecting sump pump systems to the drain tile may benefit a few if it happens.

There is one primary reason why homeowners have provided support to this "Project". That is, the Burleigh County directive that excess groundwater be addressed prior to "fixing" the roads. However, the roads are over 40 years old and were substandard in their construction to begin with. The asphalt put on top of a poor roadbed is well over 20 years old. There's been no indication that this "Project" will ensure a higher quality roadbed will be designed or built in the future.

**Thank you for your consideration of our request.**

Sincerely,

Joyce and Randy Schwartz  
9500 Oak Drive  
Bismarck, ND 58503  
E-Mail: [nz1oc@pa.kym@nd.gov](mailto:nz1oc@pa.kym@nd.gov), 701.226.5639 (mobile)

§ 6.00 (b) (2) (iii) (A) AND (b) (2) (iii) (B) ADDITIONAL INFORMATION

The project evaluation included developing preliminary plan and profile sheets along with an Opinion of Probable Cost (OPC). The plan and profile sheets showing approximate location and depth are contained in **Appendix F**. The selected drain tile system location is effectively east and south of Oak Drive and west of Forest Drive, then these two lines connect at the intersection and will drain south under agricultural properties owned by a Mr. Bakke to a point of discharge in a natural watercourse. The alignment paralleling the roadways was selected to remain within the dedicated public ROW and avoids the utilities on the other side. In addition, it avoids the need for easements from individual landowners, which could increase costs and extend the design schedule. The OPC was used to create the Special Assessment District for this project, see **Appendix G**.

The OPC, which is \$555,100, equally distributed over thirty-five lots results in a cost of \$15,860 per residence. By statute the BCWRD assigns benefits to properties included within a special assessment district. In our opinion, all properties benefit by the groundwater removal and surface drainage improvements. These benefits include lowering of groundwater to protect the integrity of the roadbed for pavement rehabilitation, lowering groundwater to reduce the frequency and duration of sump pump operation for residences, removal of standing waters in the southern portion of the subdivision, and protection of the mature trees that are part of a defining character of this subdivision. These costs are higher than those presented during the public informational meeting. There several reasons for this, one is that some channel work that was part of the paving project will be completed now, a second is the addition of the private connections systems included in the project design.

As a point of reference several dwellings located on the southern end of Oak Drive might not receive the same level of benefit as other properties. It appears these structures basement elevations may still be below the proposed drain tile system. As such the Board upon review of these dwellings could lower their assessment now or lower them the same. Landowners can protest their assessment level, which the Board can change at that time. Again, the proposed drain tile system would allow the ability to discharge waters from individual residences into the system. As such at this stage of development we recommend all lots be assessed equally.

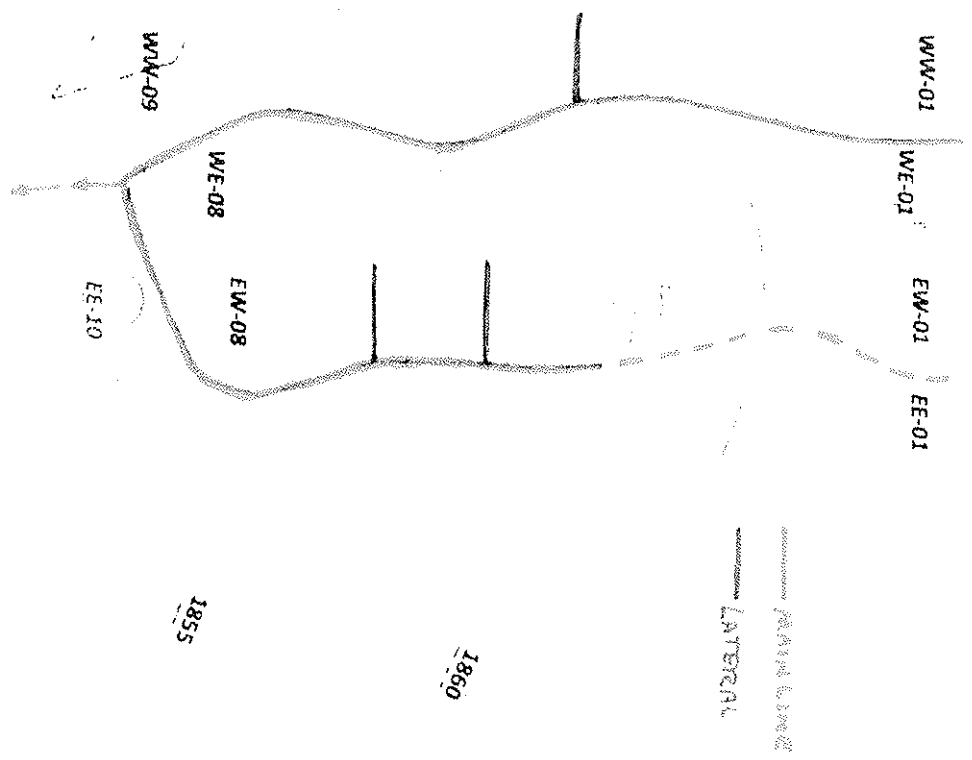
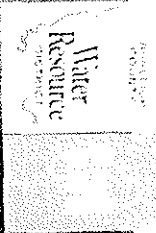
The downstream property, where the project outfall will be located, was not part of the original landowner petition. In addition, this agricultural property does not receive the same benefits as the rural residential properties. Some benefits will be provided to this property, which includes removal of groundwater along the outfall segment of the system. Given the need for construction easements and other factors it is recommended this property not be included in the special assessment district.

FINAL DESIGN CONSIDERATIONS

At this stage, there are several elements associated with the final design that remain to be evaluated prior to formalizing the plan documents. First, is the need to file and obtain a permit for the proposed drain tile system. As such it is recommended that the application be completed, along with the impact evaluation and necessary Record of Decision.



# Drain Tile Layout - Preliminary





# Burleigh County Water Resource District

1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
[www.bcwrdd.org](http://www.bcwrdd.org)

October 25, 2017

Kevin Glatt, Burleigh County Auditor  
City/County Office Building  
221 North 5<sup>th</sup> Street  
P.O. Box 5518  
Bismarck, North Dakota 58506-5518

RE: Missouri River Correctional Center Flood Control Project –Assessment District Certification

Dear Mr. Glatt:

The Burleigh County Water Resource District (BCWRD) approved the Missouri River Correctional Center Flood Control Project Assessments during their meeting on October 11, 2017. A copy of the certified assessment list for the 2017 principal balances is enclosed. The BCWRD recently sold the project bond and secured an interest rate of 2.5% over the 15-year repayment period, which based on the attached official bid form has a net effective rate of 2.68 %, see attached information.

This special assessment district was established in accordance with North Dakota Century Code Section 61-16.1-28. The BCWRD hereby certifies these costs and directs them to be levied in accordance with the assessment list and applicable interest rate. The BCWRD also requests you include the allowable 1% interest rate markup for administrative fees over the life of the bond. You are requested to charge the applicable interest for 2017 based on your current policy. You can also invoice the BCWRD for the County's \$1,500 charges to set up the district. Any fund balance at the end of the loan is likely to be rolled over into the Project's Operations and Maintenance fund. If you have any questions, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Greg Larson".

Greg Larson, Chairman  
Burleigh County Water Resource District

Enclosure

C: Rick Detwiller, BCWRD Treasurer  
Kathleen Jones, Burleigh County Commissioner  
David Bliss, Bliss Law Firm  
Michael H. Gunsch, Houston Engineering, Inc.

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Current Board Members:

Greg Larson, Chairman, Bismarck 400-7217 Dennis Reep, Vice Chairman, Bismarck 223-7052 Rick Detwiller, Secretary/Treasurer, Bismarck 223-8782 Rodney Beck, Bismarck 220-5313 James Landenbergier 426-6439

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**Missouri River Correctional Center Flood Control Project 10-11-2017**  
**BCWRD Certified Assessment District**

Parcel ID	Owner	Property Address	Mailing Address	Mailing City	Mailing Zip	Benefit Area	% Benefit	Assessment With SWC Cost Share
38-138-80-00-19-220	NELSON, JEFFREY M & MARY ELLEN	3640 ENGLAND ST	3640 ENGLAND ST	BISMARCK ND	58504-8961	2.35	0.5 \$	2,551.68
38-138-80-00-19-250	MILLER, RANDALL R & ELIZABETH	3918 ENGLAND ST	3918 ENGLAND ST	BISMARCK ND	58504-8969	3.125	0.5 \$	2,551.68
38-138-80-00-19-255	SANDERS, BONNIE	3910 ENGLAND ST	3910 ENGLAND ST	BISMARCK ND	58504-8969	5.625	0.75 \$	3,827.52
38-138-80-00-19-270	MATTHEWS, BRIAN & JENNIFER	3912 ENGLAND ST	3912 ENGLAND ST	BISMARCK ND	58504	2.885	0.5 \$	2,551.68
38-138-80-00-19-271	MILLER, RANDALL & ELIZABETH	3918 ENGLAND ST	3918 ENGLAND ST	BISMARCK ND	58504	0.24	0.1 \$	510.34
38-138-80-00-19-275	HEATON, MATTHEW P	3908 ENGLAND ST	3908 ENGLAND ST	BISMARCK ND	58504	3.125	0.5 \$	2,551.68
38-138-80-00-19-825	JACOBSON, LAUREEN W	4310 ENGLAND ST	4220 ENGLAND ST	BISMARCK ND	58504-8963	10	1 \$	5,103.36
38-138-80-00-20-610	ROSWICK, ROBERT J & JULIE F	4315 ENGLAND ST	4315 ENGLAND ST	BISMARCK ND	58504-8970	40	1 \$	5,103.36
38-138-80-00-20-850	LANGER, GARY L	4620 S WASHINGTON ST	4620 S WASHINGTON ST	BISMARCK ND	58504-8014	2	0.5 \$	2,551.68
38-138-80-00-20-860	NELSON, STEVEN & WEIGEL, LUCILLE	280 SW 48TH AV	280 48TH AVE SW	BISMARCK ND	58504-8901	0.57	0.1 \$	510.34
38-138-80-00-20-875	JONDAHL, KIMBERLY	680 SW 48TH AV	680 48TH AVE SW	BISMARCK ND	58504-8959	3.93	0.5 \$	2,551.68
38-138-80-00-20-880	LEMER, JERID L & RAELENE M	540 SW 48TH AV	540 48TH AVE SW	BISMARCK ND	58504-8958	2.15	0.5 \$	2,551.68
38-138-80-00-20-882	ZIEGLER, RAYMOND & TERRI	210 SW 48TH AV	PO BOX 1212	BISMARCK ND	58502	1.61	0.5 \$	2,551.68
38-138-80-00-20-886	SIEMS, BURT F & EMMA & SIEMS.>	580 SE 48TH AV	222 W OWENS AV	BISMARCK ND	58501	4.42	0.5 \$	2,551.68
38-138-80-00-20-888	BOUCHE, KELLY M & CANDICE J	380 SW 48TH AV	515 N 16TH ST	BISMARCK ND	58501	1.75	0.5 \$	2,551.68
38-138-80-00-20-890	KVANDE, DEBORAH		302 E 3RD AVE S	CAVALIER ND	58220-4205	3.12	0.5 \$	2,551.68
38-138-80-00-20-892	KASSIAN, LARRY & CONNIE M AND		2500 RIVER RD	HENSLER ND	58530-9500	2.18	0.5 \$	2,551.68
38-138-80-00-20-894	KASSIAN, LARRY & CONNIE M AND	310 SW 48TH AV	2500 RIVER RD	HENSLER ND	58530-9500	1.96	0.5 \$	2,551.68
38-138-80-02-01-010	HEINERT, TED & NANETTE	4704 WHITE TAIL LA	3749 MONTREAL ST	BISMARCK ND	58503	2.15	0.5 \$	2,551.68
38-138-80-02-01-020	KOVASH, TODD M & KRISTI J	4604 WHITE TAIL LA	4604 WHITE TAIL LN	BISMARCK ND	58504	2.14	0.5 \$	2,551.68
38-138-80-02-01-030	REESE, JOHN & COLLEEN	4520 WHITE TAIL LA	4520 WHITE TAIL LN	BISMARCK ND	58504-8660	2.15	0.5 \$	2,551.68
38-138-80-02-01-040	DINGUS, PATRICK & ROSALIE	4512 WHITE TAIL LA	4512 WHITETAIL LN	BISMARCK ND	58504	2.15	0.5 \$	2,551.68
38-138-80-02-01-050	OLHEISER, STAN &	4430 WHITE TAIL LA	3207 E AVENUE C	BISMARCK ND	58501	2.15	0.5 \$	2,551.68
38-138-80-02-02-010	ANDERSON, JORDAN & KARI	4601 WHITE TAIL LA	4601 WHITE TAIL LN	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-02-020	RADER, BARRY & CAREY	4604 HUBER DR	1108 WESTWOOD ST	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-02-030	PIATZ, MICHAEL	4704 HUBER DR	4704 HUBER DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-02-040	FROELICH, MARK & CAROL	4701 WHITE TAIL LA	4701 WHITETAIL LN	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-03-010	MUEHLER, MICHAEL & SUSAN	4501 HUBER DR	4501 HUBER DR	BISMARCK ND	58504-8862	2.17	0.5 \$	2,551.68
38-138-80-02-03-020	MEYHOFF, BRUCE & ROBIN	4601 HUBER DR	4601 HUBER DR	BISMARCK ND	58504	2.16	0.5 \$	2,551.68
38-138-80-02-03-030	SCHMIDT, THOMAS & CARISSA	4701 HUBER DR	1308 N 11TH ST	BISMARCK ND	58501-2704	2.15	0.5 \$	2,551.68
38-138-80-03-01-010	SPLONSKOWSKI, TIMOTHY	106 ASHLEE AV	823 LAMBTON AVE #3	BISMARCK ND	58504	2.1	0.5 \$	2,551.68
38-138-80-03-01-020	DEWALD, DILLON & SHANTEL	130 ASHLEE AV	704 DOVER DR	BISMARCK ND	58504	2.1	0.5 \$	2,551.68
38-138-80-03-01-030	RONINGEN, MARK W & YELENA	216 ASHLEE AV	216 ASHLEE AVE	BISMARCK ND	58504	1.83	0.5 \$	2,551.68
38-138-80-03-01-040	SENGER, BRYAN L & LORRAINE	308 ASHLEE AV	308 ASHLEE AVE	BISMARCK ND	58504-8827	1.18	0.5 \$	2,551.68
38-138-80-03-01-050	SCHANER, ROBIN L & LANEE E	400 ASHLEE AV	400 ASHLEE AVE	BISMARCK ND	58504-8831	2.1	0.5 \$	2,551.68
38-138-80-03-02-010	GEIGER, DANIEL & MARILYN	4026 DANIEL ST	1702 W WICHITA DR	BISMARCK ND	58504	2.04	0.5 \$	2,551.68
38-138-80-03-02-020	SCHMITTKE, GARY & BARBARA	4114 DANIEL ST	4114 DANIEL ST	BISMARCK ND	58504-8845	1.92	0.5 \$	2,551.68
38-138-80-03-02-030	WYNVEEN, JOSHUA A & KELLY L	4126 DANIEL ST	4126 DANIEL ST	BISMARCK ND	58504	1.34	0.5 \$	2,551.68
38-138-80-03-03-010	STEFFES, CLARENCE & MAR-JO	4115 DANIEL ST	4115 DANIEL ST	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-020	KLEIN, JEROME & HELEN	407 ASHLEE AV	1706 SO RENO DR	BISMARCK ND	58504-7064	2	0.5 \$	2,551.68
38-138-80-03-03-030	ELL, TODD & LORI	ASHLEE AV	2519 COOLIDGE AVE	BISMARCK ND	58501-2264	2	0.5 \$	2,551.68
38-138-80-03-03-040	KASEMAN, LENORE	223 ASHLEE AV	223 ASHLEE AVE	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-050	KLEIN, JASON	201 ASHLEE AV	3805 BAY SHORE BEND SE	MANDAN ND	58554-6305	2	0.5 \$	2,551.68
38-138-80-03-03-060	FRYSLIE, THOMAS V & JUDITH H	218 GLENWOOD DR	218 GLENWOOD DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-070	WERNER, JACK A & BONNIE L	310 GLENWOOD DR	39 CAPTAIN MARSH DR	MANDAN ND	58554	2	0.5 \$	2,551.68
38-138-80-03-03-080	STEWART, NATHAN J & KATIE C	328 GLENWOOD DR	328 GLENWOOD DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-090	SENGER, BRYAN L & LORRAINE F	418 GLENWOOD DR	308 ASHLEE AVE	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-100	KISSE, JOHN A	512 GLENWOOD DR	PO BOX 562	BISMARCK ND	58502-0562	2	0.5 \$	2,551.68
38-138-80-03-04-010	BECK, DEAN M & TRACY L	119 GLENWOOD DR	119 GLENWOOD DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-04-020	SENGER, BRYAN L & LORRAINE F	213 GLENWOOD DR	308 ASHLEE AVE	BISMARCK ND	58504	2.21	0.5 \$	2,551.68
38-138-80-03-04-030	WANNER, JESSE & TORGERSO, CHASITI	303 GLENWOOD DR	303 GLENWOOD DR	BISMARCK ND	58504	2.22	0.5 \$	2,551.68
38-138-80-03-04-040	WELTON, MATTHEW J & >	319 GLENWOOD DR	319 GLENWOOD DR	BISMARCK ND	58504-8025	2	0.5 \$	2,551.68
38-138-80-03-04-050	DOUGHERTY, MARK & MARLYS J	409 GLENWOOD DR	409 GLENWOOD DR	BISMARCK ND	58504-8026	2	0.5 \$	2,551.68

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38-138-80-03-04-060	CLARK, JESSE D & SARA M	4405 LUCAS ST	4405 LUCAS ST	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-04-070	CROTEAU, JAMES E & LYNN A	408 COURTNEY CI	1624 N LYNCH	MESA AZ	85207-3181	1.5	0.5	\$	2,551.68
38-138-80-03-04-080	HAGEN, DUSTIN L & TRISHA E	324 COURTNEY CI	PO BOX 338	BISMARCK ND	58502	1.5	0.5	\$	2,551.68
38-138-80-03-04-090	MILLER, ANDREW & SAGE	331 COURTNEY CI	6700 KINGSWOOD RD	BISMARCK ND	58503-9255	1.62	0.5	\$	2,551.68
38-138-80-03-04-100	FAHRNI, LOWELL & CORRIN	4420 S WASHINGTON ST	4420 S WASHINGTON ST	BISMARCK ND	58504	1.5	0.5	\$	2,551.68
38-138-80-03-04-110	MILLER, ANDREW J & SAGE	320 SHEEHAN RD	12045 29TH AVE SE	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-04-120	TABORSKY, LARRY & AMY	413 COURTNEY CI	2810 NORWOOD LN	VENICE FL	34292-2415	2	0.5	\$	2,551.68
38-138-80-03-05-010	SAND, ROSELLEN M	527 SHEEHAN RD	527 SHEEHAN RD	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-05-020	SCHOCK, DARIN L & STACY L	509 SHEEHAN RD	509 SHEEHAN RD	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-05-030	ELSBERRY, TERRY & JULIE	421 SHEEHAN RD	3900 HWY 2 & 52 W	MINGT ND	58701-2813	2	0.5	\$	2,551.68
38-138-80-03-05-040	UNRATH, CHAD & ERICA	325 SHEEHAN RD	325 SHEEHAN RD	BISMARCK ND	58504	1.52	0.5	\$	2,551.68
38-138-80-03-06-010	KELLER, KEN & MARION	4309 DANIEL ST	3723 RUSSETT LN	NORTHBROOK IL	60062-4254	2	0.5	\$	2,551.68
38-138-80-03-06-020	BERGSTROM, DENNIS & SANDY	4314 LUCAS ST	33 LITTLE KNIFE	NEW TOWN ND	58763	2	0.5	\$	2,551.68
38-138-80-03-06-030	ARTZ, JONATHAN D & LOREN L	506 KAMBRI CI	506 KAMBRI CI	BISMARCK ND	58504-7511	1.62	0.5	\$	2,551.68
38-138-80-03-06-040	SELK, RODY & JENNIFER	4403 DANIEL ST	4403 DANIEL ST	BISMARCK ND	58504	1.62	0.5	\$	2,551.68
38-138-80-03-06-050	BOECKEL, TRAVIS L & ALICIA M	517 KAMBRI CI	517 KAMBRI CIR	BISMARCK ND	58504	1.51	0.5	\$	2,551.68
38-138-80-03-06-060	HILL, JASON D	505 KAMBRI CI	PO BOX 273	STANTON ND	58571	1.5	0.5	\$	2,551.68
38-138-80-03-06-070	HODGE, TIFFANY A	4520 LUCAS ST	409 SOUTHWOOD AVE	BISMARCK ND	58504-6258	2	0.5	\$	2,551.68
38-138-80-03-06-080	SAND, ROSELLEN M	526 SHEEHAN RD	527 SHEEHAN RD	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-07-010	JOCHIM, JASON & ARMSTRONG, JESSE	4306 DANIEL ST	4306 DANIEL ST	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-07-020	THOMPSON, ROGER W & SANDY K	4324 DANIEL ST	4324 DANIEL ST	BISMARCK ND	58504-8825	1.56	0.5	\$	2,551.68
38-138-80-03-07-030	BITTERMAN, MATTHEW &	4406 DANIEL ST	4406 DANIEL ST	BISMARCK ND	58504	1.62	0.5	\$	2,551.68
38-138-80-0A-01-010	FERDERER, JACQUI J	3550 ENGLAND ST	3550 ENGLAND ST	BISMARCK ND	58504-8967	3.84	0.5	\$	2,551.68
38-138-80-0D-01-010	HAAKENSON, LARAYNE	3500 ENGLAND ST	3500 ENGLAND ST	BISMARCK ND	58504-8967	0.82	0.1	\$	510.34
38-138-80-0E-01-010	HUBER, GARY L & GEORGIE ANN	4500 THORNBURG DR	4500 THORNBURG DR	BISMARCK ND	58504	5.07	0.75	\$	3,827.52
38-138-80-0G-01-010	NELSON, GREGORY T	3760 ENGLAND ST	3760 ENGLAND ST	BISMARCK ND	58504-8968	2.03	0.5	\$	2,551.68
38-138-80-0G-01-020	NELSON, GREGORY T	1604 SCOUT ST	3760 ENGLAND ST	BISMARCK ND	58504-8968	2.07	0.5	\$	2,551.68
38-138-80-0G-01-030	NELSON BUILDERS LLC	1700 SCOUT ST	1205 VOYAGER DR	BISMARCK ND	58504	2.21	0.5	\$	2,551.68
38-138-80-0G-01-040	HUBBARD, MATTHEW & GWEN	3710 ENGLAND ST	3710 ENGLAND ST	BISMARCK ND	58504-8968	2.92	0.5	\$	2,551.68
38-138-80-0G-01-050	HUBBARD, MATTHEW & GWEN	1730 SCOUT ST	3710 ENGLAND ST	BISMARCK ND	58504-8968	1.54	0.5	\$	2,551.68
38-138-80-0G-01-060	ANDRE, ANN	1740 SCOUT ST	2200 FAR WEST DR	BISMARCK ND	58504-8835	1.55	0.5	\$	2,551.68
38-138-80-0G-02-010	BALZER, GENE K & LORI A	1517 SCOUT ST	1517 SCOUT ST	BISMARCK ND	58504	1.31	0.5	\$	2,551.68
38-138-80-0G-02-020	BALZER, RYNE & A'LYCE	1601 SCOUT ST	1834 E CAPITOL AVE #234	BISMARCK ND	58501	1.3	0.5	\$	2,551.68
38-138-80-0G-02-030	WEIS, TWILA & NICHOLAS	1617 SCOUT ST	1617 SCOUT ST	BISMARCK ND	58504-8813	1.32	0.5	\$	2,551.68
38-138-80-0G-02-040	HEINERT, RAYMOND A & BECKY K	1701 SCOUT ST	1701 SCOUT ST	BISMARCK ND	58504	1.28	0.5	\$	2,551.68
38-138-80-0G-02-050	TORGERSON, EARL T & PAMELA J	1717 SCOUT ST	1733 SCOUT ST	BISMARCK ND	58504-8849	1.43	0.5	\$	2,551.68
38-138-80-0G-02-060	TORGERSON, EARL T & PAMELA J	1733 SCOUT ST	1733 SCOUT ST	BISMARCK ND	58504-8849	1.67	0.5	\$	2,551.68
38-138-80-0J-01-010	BALZER, GENE & LORI	3820 ENGLAND ST	414 N 22ND ST	BISMARCK ND	58501	1.59	0.5	\$	2,551.68
38-138-80-14-01-010	BLOTSKE, ALLEN & JOANN	4110 ENGLAND ST	4110 ENGLAND ST	BISMARCK ND	58504-8990	3.62	0.5	\$	2,551.68
38-138-80-14-01-015	BLOTSKE, ALLEN & JOANN	4106 ENGLAND ST	4110 ENGLAND ST	BISMARCK ND	58504-8990	1.495	0.5	\$	2,551.68
38-138-80-21-01-010	FAZEKAS, MICHAEL & LORETTA	3906 ENGLAND ST	3906 ENGLAND ST	BISMARCK ND	58504	1.564	0.5	\$	2,551.68
38-138-80-21-01-020	FAZEKAS, MICHAEL & LORETTA	3902 ENGLAND ST	3906 ENGLAND ST	BISMARCK ND	58504	1.564	0.5	\$	2,551.68
38-138-80-22-01-010	JACOBSON, LAUREN W	4220 ENGLAND ST	4220 ENGLAND ST	BISMARCK ND	58504-8963	5	0.5	\$	2,551.68
38-138-80-24-01-010	DOCKTER, CRAIG &	4744 THORNBURG DR	4744 THORNBURG DR	BISMARCK ND	58504-8812	1.873	0.5	\$	2,551.68
38-138-80-24-01-020	SPEIDEL, JERRY & DONNA	4660 THORNBURG DR	4660 THORNBURG DR	BISMARCK ND	58504-8810	1.974	0.5	\$	2,551.68
38-138-80-24-01-030	MUEHLER, WAYNE A	4530 THORNBURG DR	4530 THORNBURG DR	BISMARCK ND	58504-8808	1.973	0.5	\$	2,551.68
38-138-80-24-02-010	LADUCER, JAMES K	4745 THORNBURG DR	4616 EARHART DR	BISMARCK ND	58504	1.883	0.5	\$	2,551.68
38-138-80-24-02-020	ZAINHOFSKY, FREDERICK J & MYRNA	4655 THORNBURG DR	1207 S 7TH ST	BISMARCK ND	58504-6536	1.969	0.5	\$	2,551.68
38-138-80-24-02-030	ZAINHOFSKY, JON F & KATI L	4505 THORNBURG DR	4505 THORNBURG DR	BISMARCK ND	58504-8808	1.97	0.5	\$	2,551.68
38-138-80-24-02-040	OLHEISER, CASEY & LACEY	4435 THORNBURG DR	4435 THORNBURG DR	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-24-02-050	ROGSTAD, DAVID	4600 DOWNING ST	4600 DOWNING ST	BISMARCK ND	58504	1.955	0.5	\$	2,551.68
38-138-80-24-02-060	COLLING, MICHEAL & JAN	4700 DOWNING ST	4700 DOWNING ST	BISMARCK ND	58504-8816	1.955	0.5	\$	2,551.68
38-138-80-24-02-070	HOUSE, RYAN B	4730 DOWNING ST	4730 DOWNING ST	BISMARCK ND	58504	1.845	0.5	\$	2,551.68
38-138-80-24-03-010	BEAN, DAMIAN & LISA	4735 DOWNING ST	4735 DOWNING ST	BISMARCK ND	58504-8817	1.834	0.5	\$	2,551.68
38-138-80-24-03-020	HELLMAN, KORY D & TANIA	4705 DOWNING ST	4705 DOWNING ST	BISMARCK ND	58504	1.953	0.5	\$	2,551.68
38-138-80-24-03-030	BRAUNBERGER, GARY S & JODY L	4607 DOWNING ST	4525 DOWNING ST	BISMARCK ND	58504-8804	1.955	0.5	\$	2,551.68
38-138-80-24-03-040	BRAUNBERGER, GARY S & JODY L	4525 DOWNING ST	4525 DOWNING ST	BISMARCK ND	58504-8804	1.954	0.5	\$	2,551.68
38-138-80-24-03-050	NEUMANN, CASEY J & GENA M	4429 DOWNING ST	4429 DOWNING ST	BISMARCK ND	58504	1.954	0.5	\$	2,551.68
38-138-80-24-04-010	SMITH, STEPHANIE A	4420 THORNBURG DR	4420 THORNBURG DR	BISMARCK ND	58504	1.976	0.5	\$	2,551.68
38-138-80-24-04-020	BURTNESS, JASON; JORJA; KRISTI	4440 THORNBURG DR	4440 THORNBURG DR	BISMARCK ND	58504	2.2	0.5	\$	2,551.68

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38-138-80-27-01-010	WETCH, TIM & CARLA	4002 ENGLAND ST	3924 ENGLAND ST	BISMARCK ND	58504	0.29	0.1	\$	510.34
38-138-80-27-01-020	BETHEL, ANDREA	4022 ENGLAND ST	815 N 32ND ST	BISMARCK ND	58501	1.59	0.5	\$	2,551.68
38-138-80-27-01-030	SMELSER, BRET & JULIE	4030 ENGLAND ST	4030 ENGLAND ST	BISMARCK ND	58504	3	0.5	\$	2,551.68
38-138-80-27-01-040	WACHENDORF, CALLIE & LUNDE, JORDAN	4100 ENGLAND ST	605 YORKSHIRE LN	BISMARCK ND	58504	1.5	0.5	\$	2,551.68
38-138-80-27-01-050	ECKROTH, RODNEY & LUWANNA	4304 ENGLAND ST	4330 ENGLAND ST	BISMARCK ND	58504	1.58	0.5	\$	2,551.68
38-138-80-27-01-060	ECKROTH, RODNEY & LUWANNA	4330 ENGLAND ST	4330 ENGLAND ST	BISMARCK ND	58504	7.59	0.75	\$	3,827.52
38-138-80-35-01-010	MILLER, JOHN A & STEPHANIE A	4403 GLENWOOD DR	1119 UNIVERSITY DR #1324	BISMARCK ND	58504	1.46	0.5	\$	2,551.68
38-138-80-35-02-010	LADUCER, JAMES K & SUSAN C	4404 GLENWOOD DR	4616 EARHART LN	BISMARCK ND	58504-7681	2.015	0.5	\$	2,551.68
38-138-80-35-02-020	POLLERT, WYATT W & KELLY L	4444 GLENWOOD DR	4444 GLENWOOD DR	BISMARCK ND	58504-8067	1.66	0.5	\$	2,551.68
38-138-80-35-02-030	POLLERT, WYATT W & KELLY L	4488 GLENWOOD DR	4444 GLENWOOD DR	BISMARCK ND	58504	1.21	0.5	\$	2,551.68
38-138-80-35-02-040	LADUCER, JAMES K & SUSAN C	4504 EARHART LA	4616 EARHART LN	BISMARCK ND	58504-7681	1.3	0.5	\$	2,551.68
38-138-80-35-02-050	LADUCER, JAMES K & SUSAN C	4535 EARHART LA	4616 EARHART LN	BISMARCK ND	58504-7681	2.18	0.5	\$	2,551.68
38-138-80-35-02-060	LADUCER, JAMES K & SUSAN C		4616 EARHART LN	BISMARCK ND	58504-7681	2.02	0.5	\$	2,551.68
38-138-80-35-02-080	LADUCER, JAMES K & SUSAN C	4616 EARHART LA	4616 EARHART LN	BISMARCK ND	58504-7681	4.119	0.5	\$	2,551.68
38-138-80-35-02-090	GAYTON, ROBERT H & ROXANA M	4700 EARHART LA	4700 EARHART LN	BISMARCK ND	58504-7679	1.957	0.5	\$	2,551.68
38-138-80-35-02-100	STUMPF, CLIFFORD J	4730 EARHART LA	4730 EARHART LN	BISMARCK ND	58504-7679	2.433	0.5	\$	2,551.68
38-138-80-35-03-010	MARTELL, IRENE M	4733 EARHART LA	4733 EARHART LN	BISMARCK ND	58504-7679	2.43	0.5	\$	2,551.68
38-138-80-35-03-020	FETCH, KENNETH	4701 EARHART LA	4701 EARHART LN	BISMARCK ND	58504-7679	2	0.5	\$	2,551.68
38-138-80-35-03-030	WAGNER, FRANKLIN & ANGELINE	4611 EARHART LA	4611 EARHART LN	BISMARCK ND	58504-7681	2.046	0.5	\$	2,551.68
38-138-80-35-03-040	AXYIG, RANDY & SUSAN	4550 GLENWOOD DR	4550 GLENWOOD DR	BISMARCK ND	58504-8000	1.58	0.5	\$	2,551.68
38-138-80-35-03-050	PUKLICH, ELYSE L & >	4570 GLENWOOD DR	4570 GLENWOOD DR	BISMARCK ND	58504	1.31	0.5	\$	2,551.68
38-138-80-35-03-060	RAKOWSKI, RANDY L & JANA L	4620 GLENWOOD DR	4620 GLENWOOD DR	BISMARCK ND	58504-8003	1.17	0.5	\$	2,551.68
38-138-80-35-03-070	SKJONSBY, RICHARD W &	4646 GLENWOOD DR	PO BOX 4105	BISMARCK ND	58502-4105	2.34	0.5	\$	2,551.68
38-138-80-35-03-090	REUTHER, WAYNE A & KAREN L	4746 GLENWOOD DR	4746 GLENWOOD DR	BISMARCK ND	58504-8066	3.371	0.5	\$	2,551.68
38-138-80-50-00-010	SUSA, STEVEN	4730 S WASHINGTON ST	4730 S WASHINGTON ST	BISMARCK ND	58504-8016	1.5	0.5	\$	2,551.68
38-138-80-61-01-010	LARSON, DAVID K & DEBORAH A	3600 ENGLAND ST	3600 ENGLAND ST	BISMARCK ND	58504	3.93	0.5	\$	2,551.68
38-138-80-61-01-030	BOGERT, MARK W & DEBORAH	3700 ENGLAND ST	3700 ENGLAND ST	BISMARCK ND	58504-8968	2.35	0.5	\$	2,551.68
38-138-80-67-01-010	ZOLLER, WILLIAM & SHERYL	160 SW 48TH AV	160 SW 48TH AVE	BISMARCK ND	58504	1.31	0.5	\$	2,551.68
38-138-80-73-01-010	HAUSAUER, LORI J	4430 S WASHINGTON ST	4430 S WASHINGTON ST	BISMARCK ND	58503-8010	1.9	0.5	\$	2,551.68
38-138-80-73-01-020	THOMPSON, ROBERT W & LAVERNE	4410 S WASHINGTON ST	4410 S WASHINGTON ST	BISMARCK ND	58504-8010	1.5	0.5	\$	2,551.68
38-138-80-76-01-010	MOSER, WADE & LYNN	3425 ENGLAND ST	1105 W BURLINGHAM AVE	BISMARCK ND	58504	1.77	0.5	\$	2,551.68
38-138-80-81-03-090	NEUMANN, CASEY & GENA		4429 DOWNING ST	BISMARCK ND	58504	1.6	0.5	\$	2,551.68
38-138-80-83-01-010	LARSON, DAVID K & DEBORAH A		3600 ENGLAND ST	BISMARCK ND	58504	1.48	0.5	\$	2,551.68
38-138-80-89-01-010	STUMPF, DANA	110 SHEEHAN RD	110 SHEEHAN RD	BISMARCK ND	58504-8978	1.95	0.5	\$	2,551.68
38-138-80-89-01-020	KLEIN, MARK & RENE A	200 SHEEHAN RD	200 SHEEHAN RD	BISMARCK ND	58504-8972	2	0.5	\$	2,551.68
38-138-80-89-01-030	GOETZFRIED, DARRIN M & TRACEY A	230 SHEEHAN RD	230 SHEEHAN RD	BISMARCK ND	58504-8972	2.17	0.5	\$	2,551.68
38-138-80-89-02-010	FISCHER, RANDAL L & STACY J	201 SHEEHAN RD	201 SHEEHAN RD	BISMARCK ND	58504-8972	1.91	0.5	\$	2,551.68
38-138-80-89-02-020	REICHERT, MATHEW E & SHELLY M	231 SHEEHAN RD	231 SHEEHAN RD	BISMARCK ND	58504	1.96	0.5	\$	2,551.68
38-138-80-91-01-010	WETCH, TIMOTHY P & CARLA M	3924 ENGLAND ST	3924 ENGLAND ST	BISMARCK ND	58504-8969	2.48	0.5	\$	2,551.68

\$ 395,000.00

OFFICIAL BID FORM

BURLEIGH COUNTY WATER RESOURCE DISTRICT  
NORTH DAKOTA

\$395,000  
Refunding Improvement Bonds, Series 2017  
October 17, 2017

Burleigh County Water Resource District Board and Officials  
Burleigh County Water Resource District, North Dakota

WATER RESOURCE DISTRICT BOARD AND OFFICIALS:

For the District's \$395,000 Refunding Improvement Bonds, Series 2017, dated November 7, 2017, we will pay you \$389,075.00, plus accrued interest to the date of delivery for Bonds paying interest on May 1, 2018, and each November 1 and May 1, thereafter, and maturing on May 1 as follows:

<u>Year</u>	<u>Amount</u>	<u>Rate</u>
2032*	\$ 395,000	2.50%

\*Term Bonds

This proposal is subject to the approving legal opinion of Arntson Stewart Wegner PC, Attorneys at Law, Fargo and Bismarck, North Dakota.

This proposal is for prompt acceptance and for anticipated delivery of said Bonds within 30 days (anticipated delivery November 7, 2017).

Respectfully,

Dougherty & Company LLC

By: \_\_\_\_\_  
David B. Juran, Executive Vice President

FOR INFORMATIONAL PURPOSES:

Total Net Interest Cost \$ 86,697.92

Net Effective Rate 2.68%

The foregoing proposal is hereby accepted by and on behalf of BURLEIGH COUNTY WATER RESOURCE DISTRICT, NORTH DAKOTA this 17<sup>th</sup> day of October, 2017.

  
Board Chairman

ATTEST:

  
Secretary/Treasurer

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BURLEIGH COUNTY WATER RESOURCE DISTRICT, NORTH DAKOTA

**\$395,000**

Bupleigh County Water Resource District, North Dakota  
Special Assessment Revenue Bonds, Series 2017  
Missouri River Correctional Center Flood Control Project

## Sources & Uses

Dated 11/07/2017 | Delivered 11/07/2017

### Sources Of Funds

Legislative Appropriation	1,200,000.00
Par Amount of Bonds	\$395,000.00
MRCC Appropriation	349,750.00
<b>Total Sources</b>	<b>\$1,944,750.00</b>

### Uses Of Funds

Deposit to Project Construction Fund	1,919,225.68
O&M Fund	10,000.00
Costs of Issuance	8,400.00
Total Underwriter's Discount (1.500%)	5,925.00
Net Bond Proceeds	1,199.32
<b>Total Uses</b>	<b>\$1,944,750.00</b>

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**\$395,000**

Bupleigh County Water Resource District, North Dakota  
Special Assessment Revenue Bonds, Series 2017  
Missouri River Correctional Center Flood Control Project

### Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
05/01/2018	10,000.00	2.500%	4,772.92	14,772.92
05/01/2019	25,000.00	2.500%	9,625.00	34,625.00
05/01/2020	25,000.00	2.500%	9,000.00	34,000.00
05/01/2021	25,000.00	2.500%	8,375.00	33,375.00
05/01/2022	25,000.00	2.500%	7,750.00	32,750.00
05/01/2023	25,000.00	2.500%	7,125.00	32,125.00
05/01/2024	25,000.00	2.500%	6,500.00	31,500.00
05/01/2025	25,000.00	2.500%	5,875.00	30,875.00
05/01/2026	25,000.00	2.500%	5,250.00	30,250.00
05/01/2027	30,000.00	2.500%	4,625.00	34,625.00
05/01/2028	30,000.00	2.500%	3,875.00	33,875.00
05/01/2029	30,000.00	2.500%	3,125.00	33,125.00
05/01/2030	30,000.00	2.500%	2,375.00	32,375.00
05/01/2031	30,000.00	2.500%	1,625.00	31,625.00
05/01/2032	35,000.00	2.500%	875.00	35,875.00
<b>Total</b>	<b>\$395,000.00</b>	<b>-</b>	<b>\$80,772.92</b>	<b>\$475,772.92</b>

#### Yield Statistics

Bond Year Dollars	\$3,230.92
Average Life	8.180 Years
Average Coupon	2.5000001%
Net Interest Cost (NIC)	2.6833846%
True Interest Cost (TIC)	2.7113025%
Bond Yield for Arbitrage Purposes	2.5000346%
All Inclusive Cost (AIC)	3.0187310%

#### IRS Form 8038

Net Interest Cost	2.5000001%
Weighted Average Maturity	8.180 Years

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**\$395,000**

Bupleigh County Water Resource District, North Dakota  
Special Assessment Revenue Bonds, Series 2017  
Missouri River Correctional Center Flood Control Project

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I
11/07/2017	-	-	-	-
05/01/2018	10,000.00	2.500%	4,772.92	14,772.92
11/01/2018	-	-	4,812.50	4,812.50
05/01/2019	25,000.00	2.500%	4,812.50	29,812.50
11/01/2019	-	-	4,500.00	4,500.00
05/01/2020	25,000.00	2.500%	4,500.00	29,500.00
11/01/2020	-	-	4,187.50	4,187.50
05/01/2021	25,000.00	2.500%	4,187.50	29,187.50
11/01/2021	-	-	3,875.00	3,875.00
05/01/2022	25,000.00	2.500%	3,875.00	28,875.00
11/01/2022	-	-	3,562.50	3,562.50
05/01/2023	25,000.00	2.500%	3,562.50	28,562.50
11/01/2023	-	-	3,250.00	3,250.00
05/01/2024	25,000.00	2.500%	3,250.00	28,250.00
11/01/2024	-	-	2,937.50	2,937.50
05/01/2025	25,000.00	2.500%	2,937.50	27,937.50
11/01/2025	-	-	2,625.00	2,625.00
05/01/2026	25,000.00	2.500%	2,625.00	27,625.00
11/01/2026	-	-	2,312.50	2,312.50
05/01/2027	30,000.00	2.500%	2,312.50	32,312.50
11/01/2027	-	-	1,937.50	1,937.50
05/01/2028	30,000.00	2.500%	1,937.50	31,937.50
11/01/2028	-	-	1,562.50	1,562.50
05/01/2029	30,000.00	2.500%	1,562.50	31,562.50
11/01/2029	-	-	1,187.50	1,187.50
05/01/2030	30,000.00	2.500%	1,187.50	31,187.50
11/01/2030	-	-	812.50	812.50
05/01/2031	30,000.00	2.500%	812.50	30,812.50
11/01/2031	-	-	437.50	437.50
05/01/2032	35,000.00	2.500%	437.50	35,437.50
<b>Total</b>	<b>\$395,000.00</b>	<b>-</b>	<b>\$80,772.92</b>	<b>\$475,772.92</b>

**Yield Statistics**

Bond Year Dollars	\$3,230.92
Average Life	8.180 Years
Average Coupon	2.5000001%
Net Interest Cost (NIC)	2.6833846%
True Interest Cost (TIC)	2.7113025%
Bond Yield for Arbitrage Purposes	2.5000346%
All Inclusive Cost (AIC)	3.0187310%

**IRS Form 8038**

Net Interest Cost	2.5000001%
Weighted Average Maturity	8.180 Years

40

**\$395,000**

Bupleigh County Water Resource District, North Dakota  
Special Assessment Revenue Bonds, Series 2017  
Missouri River Correctional Center Flood Control Project

## Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	Dollar Price
05/01/2032	Term 1 Coupon	2.500%	2.500%	395,000.00	100.000%	395,000.00
Total	-	-	-	\$395,000.00	-	\$395,000.00

### Bid Information

Par Amount of Bonds	\$395,000.00
Gross Production	\$395,000.00
Total Underwriter's Discount (1.500%)	\$(5,925.00)
Bid (98.500%)	389,075.00
Total Purchase Price	\$389,075.00
Bond Year Dollars	\$3,230.92
Average Life	8.180 Years
Average Coupon	2.5000001%
Net Interest Cost (NIC)	2.6833846%
True Interest Cost (TIC)	2.7113025%

**\$395,000**

Buleigh County Water Resource District, North Dakota  
Special Assessment Revenue Bonds, Series 2017  
Missouri River Correctional Center Flood Control Project

**Detail Costs Of Issuance**

Dated 11/07/2017 | Delivered 11/07/2017

**COSTS OF ISSUANCE DETAIL**

Bond Counsel	\$7,500.00
Printing & Registration	\$900.00
<b>TOTAL</b>	<b>\$8,400.00</b>

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**\$395,000**

Buleigh County Water Resource District, North Dakota  
Special Assessment Revenue Bonds, Series 2017  
Missouri River Correctional Center Flood Control Project

**Derivation Of Form 8038 Yield Statistics**

Maturity	Issuance Value	Price	Issuance Price	Exponent	Bond Years
11/07/2017	-	-	-	-	-
05/01/2018	10,000.00	100.000%	10,000.00	0.4833333x	4,833.33
05/01/2019	25,000.00	100.000%	25,000.00	1.4833333x	37,083.33
05/01/2020	25,000.00	100.000%	25,000.00	2.4833333x	62,083.33
05/01/2021	25,000.00	100.000%	25,000.00	3.4833333x	87,083.33
05/01/2022	25,000.00	100.000%	25,000.00	4.4833333x	112,083.33
05/01/2023	25,000.00	100.000%	25,000.00	5.4833333x	137,083.33
05/01/2024	25,000.00	100.000%	25,000.00	6.4833333x	162,083.33
05/01/2025	25,000.00	100.000%	25,000.00	7.4833333x	187,083.33
05/01/2026	25,000.00	100.000%	25,000.00	8.4833333x	212,083.33
05/01/2027	30,000.00	100.000%	30,000.00	9.4833333x	284,500.00
05/01/2028	30,000.00	100.000%	30,000.00	10.4833333x	314,500.00
05/01/2029	30,000.00	100.000%	30,000.00	11.4833333x	344,500.00
05/01/2030	30,000.00	100.000%	30,000.00	12.4833333x	374,500.00
05/01/2031	30,000.00	100.000%	30,000.00	13.4833333x	404,500.00
05/01/2032	35,000.00	100.000%	35,000.00	14.4833333x	506,916.67
<b>Total</b>	<b>\$395,000.00</b>	<b>-</b>	<b>\$395,000.00</b>	<b>-</b>	<b>\$3,230,916.67</b>

**IRS Form 8038**

Weighted Average Maturity = Bond Years/Issue Price	8.180 Years
Total Interest from Debt Service	80,772.92
Total Interest	80,772.92
NIC = Interest / (Issue Price * Average Maturity)	2.5000001%
Bond Yield for Arbitrage Purposes	2.5000346%

# Missouri River Correctional Center Flood Control Project 10-11-2017

## BCWRD Certified Assessment District

Parcel ID	Owner	Property Address	Mailing Address	Mailing City	Mailing Zip	Benefit Area	% Benefit	Assessment With SWC Cost Share
38-138-80-00-19-220	NELSON, JEFFREY M & MARY ELLEN	3640 ENGLAND ST	3640 ENGLAND ST	BISMARCK ND	58504-8961	2.35	0.5 \$	2,551.68
38-138-80-00-19-250	MILLER, RANDALL R & ELIZABETH	3918 ENGLAND ST	3918 ENGLAND ST	BISMARCK ND	58504-8969	3.125	0.5 \$	2,551.68
38-138-80-00-19-255	SANDERS, BONNIE	3910 ENGLAND ST	3910 ENGLAND ST	BISMARCK ND	58504-8969	5.625	0.75 \$	3,827.52
38-138-80-00-19-270	MATTHEWS, BRIAN & JENNIFER	3912 ENGLAND ST	3912 ENGLAND ST	BISMARCK ND	58504	2.885	0.5 \$	2,551.68
38-138-80-00-19-271	MILLER, RANDALL & ELIZABETH		3918 ENGLAND ST	BISMARCK ND	58504	0.24	0.1 \$	510.34
38-138-80-00-19-275	HEATON, MATTHEW P	3908 ENGLAND ST	3908 ENGLAND ST	BISMARCK ND	58504	3.125	0.5 \$	2,551.68
38-138-80-00-19-825	JACOBSON, LAUREEN W	4310 ENGLAND ST	4220 ENGLAND ST	BISMARCK ND	58504-8963	10	1 \$	5,103.36
38-138-80-00-20-610	ROSWICK, ROBERT J & JULIE F	4315 ENGLAND ST	4315 ENGLAND ST	BISMARCK ND	58504-8970	40	1 \$	5,103.36
38-138-80-00-20-850	LANGER, GARY L	4620 S WASHINGTON ST	4620 S WASHINGTON ST	BISMARCK ND	58504-8014	2	0.5 \$	2,551.68
38-138-80-00-20-860	NELSON, STEVEN & WEIGEL, LUCILLE	280 SW 48TH AV	280 48TH AVE SW	BISMARCK ND	58504-8901	0.57	0.1 \$	510.34
38-138-80-00-20-875	JONDAHL, KIMBERLY	680 SW 48TH AV	680 48TH AVE SW	BISMARCK ND	58504-8959	3.93	0.5 \$	2,551.68
38-138-80-00-20-880	LEMER, JERID L & RAELENE M	540 SW 48TH AV	540 48TH AVE SW	BISMARCK ND	58504-8958	2.15	0.5 \$	2,551.68
38-138-80-00-20-882	ZIEGLER, RAYMOND & TERRI	210 SW 48TH AV	PO BOX 1212	BISMARCK ND	58502	1.61	0.5 \$	2,551.68
38-138-80-00-20-886	SIEMS, BURT F & EMMA & SIEMS, >	580 SE 48TH AV	222 W OWENS AV	BISMARCK ND	58501	4.42	0.5 \$	2,551.68
38-138-80-00-20-888	BOUCHE, KELLY M & CANDICE J	380 SW 48TH AV	515 N 16TH ST	BISMARCK ND	58501	1.75	0.5 \$	2,551.68
38-138-80-00-20-890	KVANDE, DEBORAH		302 E 3RD AVE S	CAVALIER ND	58220-4205	3.12	0.5 \$	2,551.68
38-138-80-00-20-894	KASSIAN, LARRY & CONNIE M AND		2500 RIVER RD	HENSLEND ND	58530-9500	2.18	0.5 \$	2,551.68
38-138-80-00-20-894	KASSIAN, LARRY & CONNIE M AND	310 SW 48TH AV	2500 RIVER RD	HENSLEND ND	58530-9500	1.96	0.5 \$	2,551.68
38-138-80-02-01-010	HEINERT, TED & NANETTE	4704 WHITE TAIL LA	3749 MONTREAL ST	BISMARCK ND	58503	2.15	0.5 \$	2,551.68
38-138-80-02-01-020	KOVASH, TODD M & KRISTI J	4604 WHITE TAIL LA	4604 WHITE TAIL LN	BISMARCK ND	58504	2.14	0.5 \$	2,551.68
38-138-80-02-01-030	REESE, JOHN & COLLEEN	4520 WHITE TAIL LA	4520 WHITE TAIL LN	BISMARCK ND	58504-8600	2.15	0.5 \$	2,551.68
38-138-80-02-01-040	DINGUS, PATRICK & ROSALIE	4512 WHITE TAIL LA	4512 WHITETAIL LN	BISMARCK ND	58504	2.15	0.5 \$	2,551.68
38-138-80-02-01-050	OLHEISER, STAN &	4430 WHITE TAIL LA	3207 E AVENUE C	BISMARCK ND	58501	2.15	0.5 \$	2,551.68
38-138-80-02-02-010	ANDERSON, JORDAN & KARI	4601 WHITE TAIL LA	4601 WHITE TAIL LN	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-02-020	RADER, BARRY & CAREY	4604 HUBER DR	1108 WESTWOOD ST	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-02-030	PIATZ, MICHAEL	4704 HUBER DR	4704 HUBER DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-02-040	FROELICH, MARK & CAROL	4701 WHITE TAIL LA	4701 WHITETAIL LN	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-02-03-010	MUEHLER, MICHAEL & SUSAN	4501 HUBER DR	4501 HUBER DR	BISMARCK ND	58504-8862	2.17	0.5 \$	2,551.68
38-138-80-02-03-020	MEYHOFF, BRUCE & ROBIN	4601 HUBER DR	4601 HUBER DR	BISMARCK ND	58504	2.16	0.5 \$	2,551.68
38-138-80-02-03-030	SCHMIDT, THOMAS & CARISSA	4701 HUBER DR	1308 N 11TH ST	BISMARCK ND	58501-2704	2.15	0.5 \$	2,551.68
38-138-80-03-01-010	SPLONSKOWSKI, TIMOTHY	106 ASHLEE AV	823 LAMBTON AVE #3	BISMARCK ND	58504	2.1	0.5 \$	2,551.68
38-138-80-03-01-020	DEWALD, DILLON & SHANTEL	130 ASHLEE AV	704 DOVER DR	BISMARCK ND	58504	2.1	0.5 \$	2,551.68
38-138-80-03-01-030	RONINGEN, MARK W & YELENA	216 ASHLEE AV	216 ASHLEE AVE	BISMARCK ND	58504	1.83	0.5 \$	2,551.68
38-138-80-03-01-040	SENGER, BRYAN L & LORRAINE	308 ASHLEE AV	308 ASHLEE AVE	BISMARCK ND	58504-8827	1.18	0.5 \$	2,551.68
38-138-80-03-01-050	SCHANER, ROBIN L & LANEE E	400 ASHLEE AV	400 ASHLEE AVE	BISMARCK ND	58504-8831	2.1	0.5 \$	2,551.68
38-138-80-03-02-010	GEIGER, DANIEL & MARILYN	4026 DANIEL ST	1702 W WICHITA DR	BISMARCK ND	58504	2.04	0.5 \$	2,551.68
38-138-80-03-02-020	SCHMITCKE, GARY & BARBARA	4114 DANIEL ST	4114 DANIEL ST	BISMARCK ND	58504-8845	1.92	0.5 \$	2,551.68
38-138-80-03-02-030	WYNVEEN, JOSHUA A & KELLY L	4126 DANIEL ST	4126 DANIEL ST	BISMARCK ND	58504	1.34	0.5 \$	2,551.68
38-138-80-03-03-010	STEFFES, CLARENCE & MAR-JO	4115 DANIEL ST	4115 DANIEL ST	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-020	KLEIN, JEROME & HELEN	407 ASHLEE AV	1706 SO RENO DR	BISMARCK ND	58504-7064	2	0.5 \$	2,551.68
38-138-80-03-03-030	ELL, TODD & LORI	ASHLEE AV	2519 COOLIDGE AVE	BISMARCK ND	58501-2264	2	0.5 \$	2,551.68
38-138-80-03-03-040	KASEMAN, LENORE	223 ASHLEE AV	223 ASHLEE AVE	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-050	KLEIN, JASON	201 ASHLEE AV	3805 BAY SHORE BEND SE	MANDAN ND	58554-6305	2	0.5 \$	2,551.68
38-138-80-03-03-060	FRYSLIE, THOMAS V & JUDITH H	218 GLENWOOD DR	218 GLENWOOD DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-070	WERNER, JACK A & BONNIE L	310 GLENWOOD DR	39 CAPTAIN MARSH DR	MANDAN ND	58554	2	0.5 \$	2,551.68
38-138-80-03-03-080	STEWART, NATHAN J & KATIE C	328 GLENWOOD DR	328 GLENWOOD DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-090	SENGER, BRYAN L & LORRAINE F	418 GLENWOOD DR	308 ASHLEE AVE	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-03-100	KISSE, JOHN A	512 GLENWOOD DR	PO BOX 562	BISMARCK ND	58502-0562	2	0.5 \$	2,551.68
38-138-80-03-04-010	BECK, DEAN M & TRACY L	119 GLENWOOD DR	119 GLENWOOD DR	BISMARCK ND	58504	2	0.5 \$	2,551.68
38-138-80-03-04-020	SENGER, BRYAN L & LORRAINE F	213 GLENWOOD DR	308 ASHLEE AVE	BISMARCK ND	58504	2.21	0.5 \$	2,551.68
38-138-80-03-04-030	WANNER, JESSE & TORGERSON, CHASITI	303 GLENWOOD DR	303 GLENWOOD DR	BISMARCK ND	58504	2.22	0.5 \$	2,551.68
38-138-80-03-04-040	WELTON, MATTHEW J & >	319 GLENWOOD DR	319 GLENWOOD DR	BISMARCK ND	58504-8025	2	0.5 \$	2,551.68
38-138-80-03-04-050	DOUGHERTY, MARK & MARLYS J	409 GLENWOOD DR	409 GLENWOOD DR	BISMARCK ND	58504-8026	2	0.5 \$	2,551.68

38-138-80-03-04-060	CLARK, JESSE D & SARA M	4405 LUCAS ST	4405 LUCAS ST	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-04-070	CROTEAU, JAMES E & LYNN A	408 COURTNEY CI	1624 N LYNCH	MESA AZ	85207-3181	1.5	0.5	\$	2,551.68
38-138-80-03-04-080	HAGEN, DUSTIN L & TRISHA E	324 COURTNEY CI	PO BOX 338	BISMARCK ND	58502	1.5	0.5	\$	2,551.68
38-138-80-03-04-090	MILLER, ANDREW & SAGE	331 COURTNEY CI	6700 KINGSWOOD RD	BISMARCK ND	58503-9255	1.62	0.5	\$	2,551.68
38-138-80-03-04-100	FAHRNI, LOWELL & CORRIN	4420 S WASHINGTON ST	4420 S WASHINGTON ST	BISMARCK ND	58504	1.5	0.5	\$	2,551.68
38-138-80-03-04-110	MILLER, ANDREW J & SAGE	320 SHEEHAN RD	12045 89TH AVE SE	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-04-120	TABORSKY, LARRY & AMY	413 COURTNEY CI	2810 NORWOOD LN	VENICE FL	34292-2415	2	0.5	\$	2,551.68
38-138-80-03-05-010	SAND, ROSELLEN M	527 SHEEHAN RD	527 SHEEHAN RD	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-05-020	SCHOCK, DARIN L & STACY L	509 SHEEHAN RD	509 SHEEHAN RD	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-05-030	ELSBERRY, TERRY & JULIE	421 SHEEHAN RD	3900 HWY 2 & 52 W	MINOT ND	58701-2813	2	0.5	\$	2,551.68
38-138-80-03-05-040	UNRATH, CHAD & ERICA	325 SHEEHAN RD	325 SHEEHAN RD	BISMARCK ND	58504	1.52	0.5	\$	2,551.68
38-138-80-03-06-010	KELLER, KEN & MARION	4309 DANIEL ST	3723 RUSSETT LN	NORTHBROOK IL	60062-4254	2	0.5	\$	2,551.68
38-138-80-03-06-020	BERGSTROM, DENNIS & SANDY	4314 LUCAS ST	33 LITTLE KNIFE	NEW TOWN ND	58763	2	0.5	\$	2,551.68
38-138-80-03-06-030	ARTZ, JONATHAN D & LOREN L	506 KAMBRI CI	506 KAMBRI CI	BISMARCK ND	58504-7511	1.62	0.5	\$	2,551.68
38-138-80-03-06-040	SELK, RODY & JENNIFER	4403 DANIEL ST	4403 DANIEL ST	BISMARCK ND	58504	1.62	0.5	\$	2,551.68
38-138-80-03-06-050	BOECKEL, TRAVIS L & ALICIA M	517 KAMBRI CI	517 KAMBRI CIR	BISMARCK ND	58504	1.51	0.5	\$	2,551.68
38-138-80-03-06-060	HILL, JASON D	505 KAMBRI CI	PO BOX 273	STANTON ND	58571	1.5	0.5	\$	2,551.68
38-138-80-03-06-070	HODGE, TIFFANY A	4520 LUCAS ST	409 SOUTHWOOD AVE	BISMARCK ND	58504-6258	2	0.5	\$	2,551.68
38-138-80-03-06-080	SAND, ROSELLEN M	526 SHEEHAN RD	527 SHEEHAN RD	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-07-010	JOCHIM, JASON & ARMSTRONG, JESSE	4306 DANIEL ST	4306 DANIEL ST	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-03-07-020	THOMPSON, ROGER W & SANDY K	4324 DANIEL ST	4324 DANIEL ST	BISMARCK ND	58504-8825	1.56	0.5	\$	2,551.68
38-138-80-03-07-030	BITTERMAN, MATTHEW &	4406 DANIEL ST	4406 DANIEL ST	BISMARCK ND	58504	1.62	0.5	\$	2,551.68
38-138-80-0A-01-010	FERDERER, JACQUI J	3550 ENGLAND ST	3550 ENGLAND ST	BISMARCK ND	58504-8967	3.84	0.5	\$	2,551.68
38-138-80-0D-01-010	HAACKENSON, LARAYNE	3500 ENGLAND ST	3500 ENGLAND ST	BISMARCK ND	58504-8967	0.82	0.1	\$	510.34
38-138-80-0E-01-010	HUBER, GARY L & GEORGIE ANN	4500 THORNBURG DR	4500 THORNBURG DR	BISMARCK ND	58504	5.07	0.75	\$	3,827.52
38-138-80-0G-01-010	NELSON, GREGORY T	3760 ENGLAND ST	3760 ENGLAND ST	BISMARCK ND	58504-8968	2.03	0.5	\$	2,551.68
38-138-80-0G-01-020	NELSON, GREGORY T	1604 SCOUT ST	3760 ENGLAND ST	BISMARCK ND	58504-8968	2.07	0.5	\$	2,551.68
38-138-80-0G-01-030	NELSON BUILDERS LLC	1700 SCOUT ST	1205 VOYAGER DR	BISMARCK ND	58504	2.21	0.5	\$	2,551.68
38-138-80-0G-01-040	HUBBARD, MATTHEW & GWEN	3710 ENGLAND ST	3710 ENGLAND ST	BISMARCK ND	58504-8968	2.92	0.5	\$	2,551.68
38-138-80-0G-01-050	HUBBARD, MATTHEW & GWEN	1730 SCOUT ST	3710 ENGLAND ST	BISMARCK ND	58504-8968	1.54	0.5	\$	2,551.68
38-138-80-0G-01-060	ANDRE, ANN	1740 SCOUT ST	2200 FAR WEST DR	BISMARCK ND	58504-8835	1.55	0.5	\$	2,551.68
38-138-80-0G-02-010	BALZER, GENE K & LORI A	1517 SCOUT ST	1517 SCOUT ST	BISMARCK ND	58504	1.31	0.5	\$	2,551.68
38-138-80-0G-02-020	BALZER, RYNE & A'LYCE	1601 SCOUT ST	1834 E CAPITOL AVE #234	BISMARCK ND	58501	1.3	0.5	\$	2,551.68
38-138-80-0G-02-030	WEIS, TWILA & NICHOLAS	1617 SCOUT ST	1617 SCOUT ST	BISMARCK ND	58504-8813	1.32	0.5	\$	2,551.68
38-138-80-0G-02-040	HEINERT, RAYMOND A & BECKY K	1701 SCOUT ST	1701 SCOUT ST	BISMARCK ND	58504	1.28	0.5	\$	2,551.68
38-138-80-0G-02-050	TORGERSON, EARL T & PAMELA J	1717 SCOUT ST	1733 SCOUT ST	BISMARCK ND	58504-8849	1.43	0.5	\$	2,551.68
38-138-80-0G-02-060	TORGERSON, EARL T & PAMELA J	1733 SCOUT ST	1733 SCOUT ST	BISMARCK ND	58504-8849	1.67	0.5	\$	2,551.68
38-138-80-0J-01-010	BALZER, GENE & LORI	3820 ENGLAND ST	414 N 22ND ST	BISMARCK ND	58501	1.59	0.5	\$	2,551.68
38-138-80-14-01-010	BLOTSKE, ALLEN & JOANN	4110 ENGLAND ST	4110 ENGLAND ST	BISMARCK ND	58504-8990	3.62	0.5	\$	2,551.68
38-138-80-14-01-015	BLOTSKE, ALLEN & JOANN	4106 ENGLAND ST	4110 ENGLAND ST	BISMARCK ND	58504-8990	1.495	0.5	\$	2,551.68
38-138-80-21-01-010	FAZEKAS, MICHAEL & LORETTA	3906 ENGLAND ST	3906 ENGLAND ST	BISMARCK ND	58504	1.564	0.5	\$	2,551.68
38-138-80-21-01-020	FAZEKAS, MICHAEL & LORETTA	3902 ENGLAND ST	3906 ENGLAND ST	BISMARCK ND	58504	1.564	0.5	\$	2,551.68
38-138-80-22-01-010	JACOBSON, LAUREEN W	4220 ENGLAND ST	4220 ENGLAND ST	BISMARCK ND	58504-8963	5	0.5	\$	2,551.68
38-138-80-24-01-010	DOCKTER, CRAIG &	4744 THORNBURG DR	4744 THORNBURG DR	BISMARCK ND	58504-8812	1.873	0.5	\$	2,551.68
38-138-80-24-01-020	SPEIDEL, JERRY & DONNA	4660 THORNBURG DR	4660 THORNBURG DR	BISMARCK ND	58504-8810	1.974	0.5	\$	2,551.68
38-138-80-24-01-030	MUEHLER, WAYNE A	4530 THORNBURG DR	4530 THORNBURG DR	BISMARCK ND	58504-8808	1.973	0.5	\$	2,551.68
38-138-80-24-02-010	LADUCER, JAMES K	4745 THORNBURG DR	4616 EARHART DR	BISMARCK ND	58504	1.883	0.5	\$	2,551.68
38-138-80-24-02-020	ZAINHOFSKY, FREDERICK J & MYRNA	4655 THORNBURG DR	1207 S 7TH ST	BISMARCK ND	58504-6536	1.969	0.5	\$	2,551.68
38-138-80-24-02-030	ZAINHOFSKY, JON F & KATI L	4505 THORNBURG DR	4505 THORNBURG DR	BISMARCK ND	58504-8808	1.97	0.5	\$	2,551.68
38-138-80-24-02-040	OLHEISER, CASEY & LACEY	4435 THORNBURG DR	4435 THORNBURG DR	BISMARCK ND	58504	2	0.5	\$	2,551.68
38-138-80-24-02-050	ROGSTAD, DAVID	4600 DOWNING ST	4600 DOWNING ST	BISMARCK ND	58504	1.955	0.5	\$	2,551.68
38-138-80-24-02-060	COLLING, MICHAEL & JAN	4700 DOWNING ST	4700 DOWNING ST	BISMARCK ND	58504-8816	1.955	0.5	\$	2,551.68
38-138-80-24-02-070	HOUSE, RYAN B	4730 DOWNING ST	4730 DOWNING ST	BISMARCK ND	58504	1.845	0.5	\$	2,551.68
38-138-80-24-03-010	BEAN, DAMIAN & LISA	4735 DOWNING ST	4735 DOWNING ST	BISMARCK ND	58504-8817	1.834	0.5	\$	2,551.68
38-138-80-24-03-020	HELLMAN, KORY D & TANIA	4705 DOWNING ST	4705 DOWNING ST	BISMARCK ND	58504	1.953	0.5	\$	2,551.68
38-138-80-24-03-030	BRAUNBERGER, GARY S & JODY L	4607 DOWNING ST	4525 DOWNING ST	BISMARCK ND	58504-8804	1.955	0.5	\$	2,551.68
38-138-80-24-03-040	BRAUNBERGER, GARY S & JODY L	4525 DOWNING ST	4525 DOWNING ST	BISMARCK ND	58504-8804	1.954	0.5	\$	2,551.68
38-138-80-24-03-050	NEUMANN, CASEY J & GENA M	4429 DOWNING ST	4429 DOWNING ST	BISMARCK ND	58504	1.954	0.5	\$	2,551.68
38-138-80-24-04-010	SMITH, STEPHANIE A	4420 THORNBURG DR	4420 THORNBURG DR	BISMARCK ND	58504	1.976	0.5	\$	2,551.68
38-138-80-24-04-020	BURTNESS, JASON; JORJA; KRISTI	4440 THORNBURG DR	4440 THORNBURG DR	BISMARCK ND	58504	2.2	0.5	\$	2,551.68

38-138-80-27-01-010	WETCH, TIM & CARLA	4002 ENGLAND ST	3924 ENGLAND ST	BISMARCK ND	58504	0.29	0.1 \$	510.34
38-138-80-27-01-020	BETHEL, ANDREA	4022 ENGLAND ST	815 N 32ND ST	BISMARCK ND	58501	1.59	0.5 \$	2,551.68
38-138-80-27-01-030	SMELSER, BRET & JULIE	4030 ENGLAND ST	4030 ENGLAND ST	BISMARCK ND	58504	3	0.5 \$	2,551.68
38-138-80-27-01-040	WACHENDORF, CALLIE & LUNDE, JORDAN	4100 ENGLAND ST	605 YORKSHIRE LN	BISMARCK ND	58504	1.5	0.5 \$	2,551.68
38-138-80-27-01-050	ECKROTH, RODNEY & LUWANNA	4304 ENGLAND ST	4330 ENGLAND ST	BISMARCK ND	58504	1.58	0.5 \$	2,551.68
38-138-80-27-01-060	ECKROTH, RODNEY & LUWANNA	4330 ENGLAND ST	4330 ENGLAND ST	BISMARCK ND	58504	7.59	0.75 \$	3,827.52
38-138-80-35-01-010	MILLER, JOHN A & STEPHANIE A	4403 GLENWOOD DR	1119 UNIVERSITY DR #1324	BISMARCK ND	58504	1.46	0.5 \$	2,551.68
38-138-80-35-02-010	LADUCER, JAMES K & SUSAN C	4404 GLENWOOD DR	4616 EARHART LN	BISMARCK ND	58504-7681	2.015	0.5 \$	2,551.68
38-138-80-35-02-020	POLLERT, WYATT W & KELLY L	4444 GLENWOOD DR	4444 GLENWOOD DR	BISMARCK ND	58504-8067	1.66	0.5 \$	2,551.68
38-138-80-35-02-030	POLLERT, WYATT W & KELLY L	4488 GLENWOOD DR	4444 GLENWOOD DR	BISMARCK ND	58504	1.21	0.5 \$	2,551.68
38-138-80-35-02-040	LADUCER, JAMES K & SUSAN C	4504 EARHART LA	4616 EARHART LN	BISMARCK ND	58504-7681	1.3	0.5 \$	2,551.68
38-138-80-35-02-050	LADUCER, JAMES K & SUSAN C	4535 EARHART LA	4616 EARHART LN	BISMARCK ND	58504-7681	2.18	0.5 \$	2,551.68
38-138-80-35-02-060	LADUCER, JAMES K & SUSAN C		4616 EARHART LN	BISMARCK ND	58504-7681	2.02	0.5 \$	2,551.68
38-138-80-35-02-080	LADUCER, JAMES K & SUSAN C	4616 EARHART LA	4616 EARHART LN	BISMARCK ND	58504-7681	4.119	0.5 \$	2,551.68
38-138-80-35-02-090	GAYTON, ROBERT H & ROXANA M	4700 EARHART LA	4700 EARHART LN	BISMARCK ND	58504-7679	1.957	0.5 \$	2,551.68
38-138-80-35-02-100	STUMPF, CLIFFORD J	4730 EARHART LA	4730 EARHART LN	BISMARCK ND	58504-7679	2.433	0.5 \$	2,551.68
38-138-80-35-03-010	MARTELL, IRENE M	4733 EARHART LA	4733 EARHART LN	BISMARCK ND	58504-7679	2.43	0.5 \$	2,551.68
38-138-80-35-03-020	FETCH, KENNETH	4701 EARHART LA	4701 EARHART LN	BISMARCK ND	58504-7679	2	0.5 \$	2,551.68
38-138-80-35-03-030	WAGNER, FRANKLIN & ANGELINE	4611 EARHART LA	4611 EARHART LN	BISMARCK ND	58504-7681	2.046	0.5 \$	2,551.68
38-138-80-35-03-040	AXVIG, RANDY & SUSAN	4550 GLENWOOD DR	4550 GLENWOOD DR	BISMARCK ND	58504-8000	1.58	0.5 \$	2,551.68
38-138-80-35-03-050	PUKLICH, ELYSE L & >	4570 GLENWOOD DR	4570 GLENWOOD DR	BISMARCK ND	58504	1.31	0.5 \$	2,551.68
38-138-80-35-03-060	RAKOWSKI, RANDY L & JANA L	4620 GLENWOOD DR	4620 GLENWOOD DR	BISMARCK ND	58504-8003	1.17	0.5 \$	2,551.68
38-138-80-35-03-070	SKJONSBY, RICHARD W &	4646 GLENWOOD DR	PO BOX 4105	BISMARCK ND	58502-4105	2.34	0.5 \$	2,551.68
38-138-80-35-03-090	REUTHER, WAYNE A & KAREN L	4746 GLENWOOD DR	4746 GLENWOOD DR	BISMARCK ND	58504-8066	3.371	0.5 \$	2,551.68
38-138-80-50-00-010	SUSA, STEVEN	4730 S WASHINGTON ST	4730 S WASHINGTON ST	BISMARCK ND	58504-8016	1.5	0.5 \$	2,551.68
38-138-80-61-01-010	LARSON, DAVID K & DEBORAH A	3600 ENGLAND ST	3600 ENGLAND ST	BISMARCK ND	58504	3.93	0.5 \$	2,551.68
38-138-80-61-01-030	BOGERT, MARK W & DEBORAH	3700 ENGLAND ST	3700 ENGLAND ST	BISMARCK ND	58504-8968	2.35	0.5 \$	2,551.68
38-138-80-67-01-010	ZOLLER, WILLIAM & SHERYL	160 SW 48TH AV	160 SW 48TH AVE	BISMARCK ND	58504	1.31	0.5 \$	2,551.68
38-138-80-73-01-010	HAUSAUER, LORI J	4430 S WASHINGTON ST	4430 S WASHINGTON ST	BISMARCK ND	58503-8010	1.9	0.5 \$	2,551.68
38-138-80-73-01-020	THOMPSON, ROBERT W & LAVERNE	4410 S WASHINGTON ST	4410 S WASHINGTON ST	BISMARCK ND	58504-8010	1.5	0.5 \$	2,551.68
38-138-80-76-01-010	MOSER, WADE & LYNN	3425 ENGLAND ST	1105 W BURLEIGH AVE	BISMARCK ND	58504	1.77	0.5 \$	2,551.68
38-138-80-81-03-090	NEUMANN, CASEY & GENA		4429 DOWNING ST	BISMARCK ND	58504	1.6	0.5 \$	2,551.68
38-138-80-83-01-010	LARSON, DAVID K & DEBORAH A		3600 ENGLAND ST	BISMARCK ND	58504	1.48	0.5 \$	2,551.68
38-138-80-89-01-010	STUMPF, DANA	110 SHEEHAN RD	110 SHEEHAN RD	BISMARCK ND	58504-8978	1.95	0.5 \$	2,551.68
38-138-80-89-01-020	KLEIN, MARK & RENEA	200 SHEEHAN RD	200 SHEEHAN RD	BISMARCK ND	58504-8972	2	0.5 \$	2,551.68
38-138-80-89-01-030	GOETZFRIED, DARRIN M & TRCEY A	230 SHEEHAN RD	230 SHEEHAN RD	BISMARCK ND	58504-8972	2.17	0.5 \$	2,551.68
38-138-80-89-02-010	FISCHER, RANDAL L & STACY J	201 SHEEHAN RD	201 SHEEHAN RD	BISMARCK ND	58504-8972	1.91	0.5 \$	2,551.68
38-138-80-89-02-020	REICHERT, MATHEW E & SHELLY M	231 SHEEHAN RD	231 SHEEHAN RD	BISMARCK ND	58504	1.96	0.5 \$	2,551.68
38-138-80-91-01-010	WETCH, TIMOTHY P & CARLA M	3924 ENGLAND ST	3924 ENGLAND ST	BISMARCK ND	58504-8969	2.48	0.5 \$	2,551.68

\$ 395,000.00

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October 31, 2017

Ms. Mona Livdahl  
Secretary  
Burleigh County Water Resources District  
1811 East Thayer Avenue  
Bismarck, ND 58501

Dear Ms. Livdahl:

RE: Burleigh County Water Resources District, North Dakota  
\$395,000 Refunding Improvement Bonds, Series 2017

We appreciate the opportunity to be of continued service to the District by acting as Transfer and Registration Agent on the above issue. The vast majority of our contact will be with you through collection of principal and interest payments for your bondholders. We will strive to project a professionalism that reflects favorably on the Burleigh County Water Resources District.

Several weeks before your principal and/or interest payments, we will advise you of the amount coming due and provide instructions for transmitting funds. Statements will be forwarded coinciding with principal and/or interest payments.

Administration fees include preparation and mailing of principal and interest payments; correspondence with and research for certificate holders and the issuer; maintaining certificate holders' accounts and records; examining and passing on all legal transfers; maintaining control records; preparing, mailing and filing Forms 1096 and 1099-B.

Each statement will indicate dates on which funds should be received (an earlier date if paid by check - allowing funds to clear the banks, and a later date if funds are sent by Federal Reserve Bank Wire). These dates are important, as this allows us time to process your payments and get funds to your bondholders on the due dates. Late payments tend to be remembered by investors/bondholders, so we do our best to keep them happy and encourage their investment in your community again in the future.

Starion Bond Services specializes in registration and transfer of municipal bonds (no stock or corporate bonds are handled). We fulfill this function on millions of dollars of bonds and have gained an excellent reputation as well as national recognition.

If you ever have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink that reads "Lu Ann Berg". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Lu Ann Berg  
Bonds Administrator



October 31, 2017

Ms. Mona Livdahl  
Secretary  
Burleigh County Water Resources District  
1811 East Thayer Avenue  
Bismarck, ND 58501

RE: Burleigh County Water Resources District, North Dakota  
\$395,000 Refunding Improvement Bonds, Series 2017

----- STATEMENT -----

Initial Registration, Setup and Expenses* .....	\$ <u>900.00</u>
Total.....	\$ <u>900.00</u>

It is a pleasure being of service. If you have any questions, please do not hesitate to call.

Please pay from this Invoice. Funds can be mailed to the following address:

Starion Bond Services  
333 N. 4<sup>th</sup> Street  
Bismarck, ND 58501

\* Registration fees include preparation and mailing of principal and interest payments; correspondence with and research for certificate holders and the issuer; maintaining certificate holders' accounts and records; examining and passing on all legal transfers; maintaining control records; preparing, mailing and filing Forms 1096 and 1099-B.

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Burleigh County Water Resources District, North Dakota  
 \$395,000 Refunding Improvement Bonds, Series 2017

SINKING FUND  
 BOOK ENTRY

Dated: .....  
 Callable: .....  
 Bond Counsel: .....  
 Consultant: .....  
 Registrar, Transfer,  
 and Paying Agent: .....

November 7, 2017  
 May 1, 2023, and any date  
 thereafter, in inverse order  
 at par plus accrued interest  
 Arnston Stewart Wegner PC  
 Dougherty & Company LLC  
 Starion Bond Services

Date	Principal	CUSIP		Rates	Interest	Totals (2)	Notes	Annual Totals
		12137A						
5 1 2018	\$10,000	(1)	AS7	2.500%	\$4,772.92	\$14,772.92		
11 1 2018					\$4,812.50	\$4,812.50		\$19,585.42
5 1 2019	\$25,000	(1)	AS7	2.500%	\$4,812.50	\$29,812.50		
11 1 2019					\$4,500.00	\$4,500.00		\$34,312.50
5 1 2020	\$25,000	(1)	AS7	2.500%	\$4,500.00	\$29,500.00		
11 1 2020					\$4,187.50	\$4,187.50		\$33,687.50
5 1 2021	\$25,000	(1)	AS7	2.500%	\$4,187.50	\$29,187.50		
11 1 2021					\$3,875.00	\$3,875.00		\$33,062.50
5 1 2022	\$25,000	(1)	AS7	2.500%	\$3,875.00	\$28,875.00		
11 1 2022					\$3,562.50	\$3,562.50		\$32,437.50
5 1 2023	\$25,000	(1)	AS7	2.500%	\$3,562.50	\$28,562.50		
11 1 2023					\$3,250.00	\$3,250.00		\$31,812.50
5 1 2024	\$25,000	(1)	AS7	2.500%	\$3,250.00	\$28,250.00		
11 1 2024					\$2,937.50	\$2,937.50		\$31,187.50
5 1 2025	\$25,000	(1)	AS7	2.500%	\$2,937.50	\$27,937.50		
11 1 2025					\$2,625.00	\$2,625.00		\$30,562.50
5 1 2026	\$25,000	(1)	AS7	2.500%	\$2,625.00	\$27,625.00		
11 1 2026					\$2,312.50	\$2,312.50		\$29,937.50
5 1 2027	\$30,000	(1)	AS7	2.500%	\$2,312.50	\$32,312.50		
11 1 2027					\$1,937.50	\$1,937.50		\$34,250.00
5 1 2028	\$30,000	(1)	AS7	2.500%	\$1,937.50	\$31,937.50		
11 1 2028					\$1,562.50	\$1,562.50		\$33,500.00
5 1 2029	\$30,000	(1)	AS7	2.500%	\$1,562.50	\$31,562.50		
11 1 2029					\$1,187.50	\$1,187.50		\$32,750.00
5 1 2030	\$30,000	(1)	AS7	2.500%	\$1,187.50	\$31,187.50		
11 1 2030					\$812.50	\$812.50		\$32,000.00
5 1 2031	\$30,000	(1)	AS7	2.500%	\$812.50	\$30,812.50		
11 1 2031					\$437.50	\$437.50		\$31,250.00
5 1 2032	\$35,000		AS7	2.500%	\$437.50	\$35,437.50		
	<u>\$395,000</u>				<u>\$80,772.92</u>	<u>\$475,772.92</u>		<u>\$475,772.92</u>

- (1) Mandatory Sinking Fund Call - Bonds with stated maturity of 2032
- (2) Principal and/or interest payments and registration fees are due at the Paying Agent at least 7 business days (by check) or 5 business days (by wire) before the dates above. Registration fees are billed with principal and/or interest statements.

DOUGHERTY & COMPANY LLC

**BURLEIGH COUNTY WATER RESOURCE DISTRICT  
BURLEIGH COUNTY, NORTH DAKOTA**

**\$395,000 Improvement Bonds of 2017**

**Closing Memorandum**

**TO: ISSUER**  
Mona Livdahl (701) 222-3499 (p)  
Secretary (f)  
Burleigh County Water Resource District mona@midco.net (e)  
1720 Burnt Boat Drive, Suite 205  
Bismarck, ND 58503

**BOND COUNSEL**  
Scott D. Wegner (701) 255-1008 (p)  
Attorney (f)  
Arntson Stewart Wegner PC swegner@aswbondlaw.com (e)  
3801 Lockport Street, Suite 2  
Bismarck, ND 58503-5576

**REGISTRAR / PAYING AGENT**  
Lu Ann Berg 701-250-1571 (p)  
Starion Bond Services 701-667-1231 (f)  
c/o Starion Financial luannb@starionfinancial.com (e)  
333 N 4th Street  
Bismarck, ND 58501

**OPERATIONS AGENT**  
Julie Rumble (612) 376-4073 (p)  
Dougherty & Company LLC (612) 376-4048 (f)  
90 South Seventh Street, Suite 4300  
Minneapolis, Minnesota 55402-4114

---

**FROM: UNDERWRITER**  
Mike Manstrom (701) 222-1616 (p)  
Vice President (701) 222-4455 (f)  
Dougherty & Company LLC mmanstrom@doughertymarkets.com (e)  
120 North 3rd Street, Suite 125  
Bismarck, ND 58501

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**Closing:** It is expected that closing will occur by mail and that closing will be Tuesday, November 7, 2017.

**Transfer of Funds:** At the opening of business on Tuesday, November 7, 2017, Dougherty & Company LLC will transfer to American Bank Center, Bismarck, ND an amount equal to **\$389,075.00** which represents the par amount of the bonds (\$395,000.00), minus the underwriter's discount (\$5,925.00), plus accrued interest (\$0.00). After funds are received by the Issuer and Bond Counsel has received the closing documents, Bond Counsel will release the bonds from DTC for credit to Dougherty & Company's account.

***WIRING INSTRUCTIONS FOR THE DISTRICT***

American Bank Center  
ABA: 091310615  
Acct Name: BCWRD (Burleigh County Water Resource District)  
Account #: 13000484  
Attn: Caitie Gange  
***Wire Amount: \$389,075.00***

Of the funds wired to the District, \$8,400.00 has been allocated to pay cost of issuance for the following items.

Bond Counsel	\$ 7,500.00
Printing & Registration	900.00



# COMPLAINT FOR WATER-RELATED ISSUES

## Burleigh County Water Resource District

1811 East Thayer Avenue  
 Bismarck, ND 58501  
 Phone: 701.222.3499  
 www.bcwrd.org

### GENERAL INFORMATION

(1) This Complaint must include a map from an actual survey, aerial photo, or topographic map. The size of the map shall be at least 8 1/2 by 11 inches and shall have a north arrow. If, in the opinion of the Water Resource District, the map does not contain enough information to properly evaluate the project, more information may be requested.

(2) The Complaint Is Regarding:

- Dam, Dike, Or Other Device (North Dakota Century Code (N.D.C.C.) § 61-16.1-53)
- Drainage (N.D.C.C. § 61-32-07)
- Obstruction To A Drain/Watercourse (N.D.C.C. § 61-16.1-51)

(3) Water issue is located in which Water Resource District (District)? **Burleigh**

(4) Legal Description	1/4	1/4	Section	Township	Range
-----------------------	-----	-----	---------	----------	-------

(5) Approximate Construction Date

(6) Description of the issue **natural waterway is blocked by unmanaged grass and silt.**

(7) Is your property impacted?  Yes  No If Yes, number of acres impacted **80 acres**

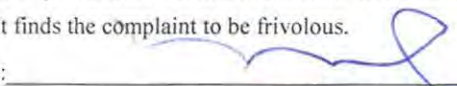
Please explain **Hay Creek Pines area has a high water table that is feed by ground water that flows in gravel vanes that are 3 to 4 feet from the surface. The obstructions in the natural waterway south of Hay Creek Pines development are blocking the natural flow of the water to the south. I believe this blockage has raised the ground water level and created hardship for the development. The water-soaked clay soils have drowned hundreds of trees and caused the roads and driveways to breakup.**

Complaint Filed Against <b>Randall Bakke, Alton Nitschke</b>			Complaint Filed By <b>Noel Laxdal on behalf of Hay Creek Pines</b>		
Name (print) <b>Randall Bakke, Alton Nitschke</b>			Name (print) <b>Noel Laxdal</b>		
Address <b>1850 Bonn, 2160 84th Avenue Ne</b>			Address <b>9040 Oak Dr</b>		
City <b>Bismarck</b>	State <b>ND</b>	ZIP Code	City <b>Bismarck</b>	State <b>ND</b>	ZIP Code <b>58503</b>
Telephone number (if known)			Telephone number <b>701-471-7320</b>		

By signing this form I certify (1) that this complaint is made in good faith and not to harass or annoy or for any other improper purpose and (2) that I have been provided a copy of N.D.C.C. § 61-32-07 and N.D.C.C. § 61-16.1-51. I understand that the Board may assess certain costs associated with this complaint under N.D.C.C. § 61-16.1-51 or N.D.C.C. § 61-32-07 if it finds the complaint to be frivolous.

Date

**10-11-17**

Complainant's Signature: 

ADDITIONAL SHEETS MAY BE ATTACHED IF NECESSARY

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**DAM, DIKE, OR OTHER DEVICE COMPLAINTS (N.D.C.C. § 61-16.1-53):**

The District will determine if a landowner or tenant constructed a dam, dike, or other device without first securing a construction permit as required under N.D.C.C. § 61-16.1-38, or in conflict with the terms or conditions of a construction permit. North Dakota Administrative Code § 89-08-01-01 defines "other device" as "a water control structure, other than a dam or dike, including diversions and holding ponds, lagoons, or dugouts."

**DRAINAGE COMPLAINTS (N.D.C.C. § 61-32-07):**

Surface Drainage: The District will determine if a landowner or tenant constructed any surface drainage that impacts a watershed area of 80 acres or more without first securing a drainage permit as required under N.D.C.C. § 61-32-03, or in conflict with the terms or conditions of a drainage permit.

Tile Drainage: The District will determine if a landowner or tenant constructed or installed a tile or subsurface drainage system with a footprint of 80 acres or more without first securing a tile or subsurface permit as required under N.D.C.C. § 61-32-03.1, or in conflict with the terms or conditions of a tile or subsurface permit.

**OBSTRUCTION TO DRAIN COMPLAINTS (N.D.C.C. § 61-16.1-51):**

The District will determine if a landowner or tenant has intentionally or negligently caused an obstruction to a natural watercourse or drain.

The District must act pursuant to the appropriate code listed above. The District shall investigate and make a determination within a reasonable amount of time (not to exceed 120 days for dams, dikes, other devices, or drains). The District shall notify all parties of its decision as required by code. If complained of activity was a dam, dike, other device, or drain, the District's decision may be appealed to the State Engineer within 30 days of the District's decision. If the complained of activity was an obstruction to drain, the District's decision may be appealed to District Court.

**FOR DISTRICT USE ONLY**

Date Received		Date Investigated	
Does the complainant have standing to file a complaint? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If No, why?			
Does the project have a Permit? <input type="checkbox"/> Yes <input type="checkbox"/> No		If Yes, Permit Number	Date Granted
Does the project meet a permitting exemption? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes, which one?			
Project Construction Date		Revision Date (if any)	
District Action			
District Action Compliance Date	Project Owner Compliance Date	Decision Appeal Date	
Subsequent Action			
Chairman's Signature			Date of Signature

*ADDITIONAL SHEETS MAY BE ATTACHED IF NECESSARY*

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or order of the water resource board, if the cost of construction of such drains has been paid, be consolidated into one drain or drainage system and shall be renumbered and may be renamed.

**61-16.1-51. Removal of obstructions to drain - Notice and hearing - Appeal - Injunction - Definition.**

1. If a water resource board determines that an obstruction to a drain has been caused by the negligent act or omission of a landowner or tenant, the board shall notify the landowner by registered mail at the landowner's post-office address of record. A copy of the notice must also be sent to the tenant, if any. The notice must specify the nature and extent of the obstruction, the opinion of the board as to its cause, and must state that if the obstruction is not removed within such period as the board determines, but not less than fifteen days, the board shall procure removal of the obstruction and assess the cost of the removal, or the portion the board determines appropriate, against the property of the landowner responsible. The notice must also state that the affected landowner, within fifteen days of the date the notice is mailed, may demand, in writing, a hearing on the matter. Upon receipt of the demand, the board shall set a hearing date within fifteen days from the date the demand is received. In the event of an emergency, the board may immediately apply to the appropriate district court for an injunction prohibiting a landowner or tenant from maintaining an obstruction. Assessments levied under the provisions of this section must be collected in the same manner as other assessments authorized by this chapter. If, in the opinion of the board, more than one landowner or tenant has been responsible, the costs may be assessed on a pro rata basis in accordance with the proportionate responsibility of the landowners. A landowner aggrieved by action of the board under this section may appeal the decision of the board to the district court of the county in which the land is located in accordance with the procedure provided in section 28-34-01. A hearing as provided for in this section is not a prerequisite to an appeal. If a complaint is frivolous in the discretion of the board, the board may assess the costs of the frivolous complaint against the complainant. If the obstruction is located in a road ditch, the timing and method of removal must be approved by the appropriate road authority before the notice required by this section is given and appropriate construction site protection standards must be followed.
2. For the purposes of this section, "an obstruction to a drain" means a barrier to a watercourse, as defined by section 61-01-06, or an artificial drain, including if the watercourse or drain is located within a road ditch, which materially affects the free flow of waters in the watercourse or drain.
3. Following removal of an obstruction to a drain, either by a water resource board or by a party complying with an order of a water resource board, the board may assess its costs against the property of the responsible landowner.

**61-16.1-52. Closing a noncomplying drain - Notice and hearing - Appeal - Injunction.**

Repealed by S.L. 1987, ch. 642, § 13.

**61-16.1-53. Removal of a noncomplying dike, dam, or other device - Notice and hearing - Appeal - Injunction.**

1. Upon receipt of a complaint of unauthorized construction of a dike, dam, or other device for water conservation, flood control, regulation, watershed improvement, or storage of water, the water resource board shall promptly investigate and make a determination thereon. If the board determines that a dike, dam, or other device, capable of retaining, obstructing, or diverting more than fifty acre-feet [61674.08 cubic meters] of water or twenty-five acre-feet [30837.04 cubic meters] of water for a medium-hazard or high-hazard dam, has been established or constructed by a landowner or tenant contrary to this title or any rules adopted by the board, the board shall notify the landowner by certified mail at the landowner's post-office address of record. A copy of the notice must also be sent to the tenant, if any. The notice must

Mailed 10/11/17

Form 9-1366  
(April 2015)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 18EMND0044  
Customer#: 600000113  
Project #: NT00GT1 - 1ND  
TIN #: 45-6002204  
USGS DUNS #: 126301386

Fixed Cost Agreement YES  NO

THIS AGREEMENT is entered into as of the October 1, 2017, by the U.S. GEOLOGICAL SURVEY, Dakota Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Burleigh County Water Resource District party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for Water Resource Investigations for operation and maintenance of the Apple Creek near Menoken gage, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

(a) \$0 by the party of the first part during the period  
October 1, 2017 to September 30, 2018

(b) \$5,880 by the party of the second part during the period  
October 1, 2017 to September 30, 2018

\$5,880  
unmatched

(c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of : \$11,619

Description of the USGS regional/national program: Federal Priority Streamgaging

(d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties

(e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered annually. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.)

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U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 18EMND0044  
Customer#: 6000000113  
Project #: NT00GT1 - 1ND  
TIN #: 45-6002204  
USGS DUNS #: 126301386

**USGS Technical Point of Contact**

Name: Steven Robinson  
Supervisory Hydrologist  
Address: 821 East Interstate Ave.  
Bismarck, ND 58503  
Telephone: (701) 250-7404  
Fax: (701) 250-7492  
Email: smrobins@usgs.gov

**Customer Technical Point of Contact**

Name: Greg Larson  
Chairman  
Address: 1720 Burnt Boat Drive Suite 205  
Bismarck, ND 58503  
Telephone: (701) 223-6654  
Fax:  
Email: glarson@century21morrison.com

**USGS Billing Point of Contact**

Name: Jennifer Bednar  
Administrative Officer  
Address: 1608 Mountain View Road  
Rapid City, SD 57702  
Telephone: (605) 394-3218  
Fax: (605) 355-4523  
Email: jbednar@usgs.gov

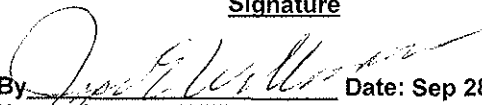
**Customer Billing Point of Contact**

Name: Mona Livdahl  
Administrative Secretary  
Address: 1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
Telephone: (701) 222-3499  
Fax:  
Email: mona@bis.midco.net

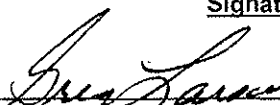
U.S. Geological Survey  
United States  
Department of Interior

Burleigh County Water Resource District

Signature

By  Date: Sep 28, 2017  
Name: Joyce E. Williamson  
Title: Director

Signatures

By  Date: 10/11/17  
Name:  
Title: CHAIRMAN

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:



# Burleigh County Water Resource District

1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
[www.bcwrdd.org](http://www.bcwrdd.org)

October 17, 2017

Ashley C. Persinger  
Sovereign Land Specialist  
North Dakota State Water Commission  
900 East Boulevard  
Bismarck, ND 58503

RE: SOLICITATION OF VIEWS - SOVEREIGN LANDS PERMIT APPLICATION S-2089  
COMMENTS AND REQUIREMENTS

Dear Ms. Persinger:

The Burleigh County Water Resource District (BCWRD) has reviewed the proposed application and has the following comments:

- This project is located within an easement held by the BCWRD, which is measured at 100 feet from the top of the existing bank line. This easement was obtained for to allow for the construction of Section 32 bank stabilization projects by the United States Army Corps of Engineers (USACE). Therefore, this project requires approval by the BCWRD prior to proceeding. We understand this project will also require a USACE Section 408 approval. We support this review and will cooperate with the USACE regarding said review. The North Dakota State Water Commission is the original project sponsor.
- The project is located within the Missouri River floodplain and subsequently will require a floodplain development permit from the Burleigh County Floodplain Coordinator.

The BCWRD will conduct additional review after the floodplain development permit application is submitted, and the status of the Section 408 review is determined. If you have any questions, please contact Michael Gunsch, Houston Engineering at 323-0200.

Respectfully,

A handwritten signature in cursive script, appearing to read "Greg Larson".

Greg Larson, Chairman  
Burleigh County Water Resource District

Enclosure

C: BCWRD Board Members, David Bliss, Bliss Law, Michael Gunsch, Houston Engineering  
Marcus Hall, Burleigh County Engineer  
Ray Zeigler, Burleigh County Floodplain Coordinator  
Toni Erhardt, USACE  
Shiraz Hyder, Landowner, c/o Brett Falk (agent)



# State of North Dakota

## Office of the State Engineer

900 EAST BOULEVARD AVE. • BISMARCK, ND 58505-0850  
701-328-2750 • FAX 701-328-3696 • <http://swc.nd.gov>

October 30, 2017

### SOLICITATION OF VIEWS

**RE: APPLICATIONS TO THE STATE ENGINEER FOR AUTHORIZATION TO CONSTRUCT A PROJECT WITHIN ISLANDS AND BEDS OF NAVIGABLE STREAMS OR WATERS OF THE STATE OF NORTH DAKOTA.**

Bismarck Parks and Recreation District, Bismarck, North Dakota, Application No. **S-1959-B**

Bismarck Parks and Recreation District (Applicant), Bismarck, North Dakota through Kadrmas, Lee and Jackson, Valley City, North Dakota has filed an application with the State Engineer to armor approximately 150 lineal feet of the left bank of the Missouri River proximate to the Fox Island Boat Ramp and courtesy dock. The site is actively eroding and has created unsafe conditions for the recreating public and may eventually damage the parking lot at the proposed project site.

The Project would involve reshaping the bank, installing geotextile fabric, and placing approximately 130 cubic yards of rock riprap at the site.

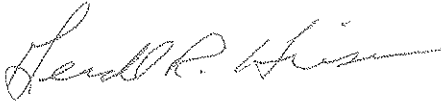
The project would be located in the SE ¼ NW ¼ of Section 18, Township 138 North, Range 80 West, Burleigh County.

Projects which lie either partially or wholly below the ordinary high watermark of navigable streams or waters may require authorization from the State Engineer prior to construction or operation. At the discretion of the State Engineer, a public meeting may be held on the project for the purpose of gathering information. The State Engineer will consider riparian owner's rights, recreation, navigation, aesthetics, erosion, wildlife, water quality, maintenance of existing water flows, alternative uses, and the environment in determining whether to grant the authorization.

To ensure that all environmental, economic and social factors are considered in the evaluation of this application, your views and comments are solicited. It is requested that any comments or information be forwarded within **20** days of the date of this mailing to the

State Engineer, at 900 East Boulevard Avenue, Bismarck, North Dakota. If no reply is received within the 20 days, it will be assumed that your agency has no comment on this project.

Sincerely,



Gerald R. Heiser  
Sovereign Lands Manager

GH:1625

Enclosures: Sovereign Lands Application  
Specifications  
Map

Copies to: Michael Humann, North Dakota Department of Trust Lands  
Jesse Hanson, North Dakota Parks and Recreation Department  
Greg Link, North Dakota Game and Fish Department  
Peter Wax, North Dakota Department of Health  
U.S. Fish and Wildlife Service, Bismarck  
State Historical Society of North Dakota  
Burleigh County Water Resource District  
U.S. Army Corps Engineers, Bismarck



APPLICATION FOR AUTHORIZATION TO CONSTRUCT A PROJECT WITHIN ISLANDS AND BEDS OF NAVIGABLE STREAMS AND WATERS

Office of the State Engineer
900 East Boulevard
Bismarck, ND 58505-0850

Permit No. 5-1959-B
Project No. 1625

RECEIVED
SEP 11 2017

STATE WATER COMMISSION

I, the undersigned, do hereby submit the following information to the Office of the State Engineer as an application to construct a project that may impact islands and beds of navigable streams and waters of North Dakota under NDCC Chapter 61-33.

GENERAL INFORMATION:

This Application must include a map from an actual survey, aerial photo or topographic map and plot map (if a development). The size of the map shall be 8 1/2 by 11 inches. The map shall have a north arrow and approximate scale. Indicate the existing or proposed work on the drawing. Plans and specifications must be submitted if project includes construction work.

- (1) Project will be located in the: Burleigh County Water Resource District
(2) Legal description to the nearest 40 acre tract: SE 1/4 NW 1/4 Section 18 Township 138N Range 80W
(3) Is this application for modification of an existing project [ ] Yes [X] No If so, what year was project constructed:
By whom:
(4) Proposed project involves [ ] water crossing, type [ ] boat dock, [ ] boat ramp, [ ] water intake, [ ] dredge, volume cu. yds. [X] filling, volume 130 cu. yds., type Rock rip rap, [ ] other (explain)
(5) Water body on which project will be located: Missouri River
(6) Purpose: Bank stabilization
(7) Project Description: Install approximately 130 CY of rock rip rap along the river bank at the Fox Island Boat Landing to protect the existing infrastructure. With the high water flows in 2017 a portion of the bank that was preivolult protected is now experiencing erosion, if it continues the parking lot will be compromised.
(8) Contractor, if known: self
(9) Anticipated construction start date: ASAP Completion date: 12/31/2017

The filing of this application and its approval in no way relieves the applicant or riparian landowner from any responsibility or liability resulting from the construction, operation or failure of the project.

Riparian Land Owner or Organization Sponsor: (Print) Bismarck Parks and Recreation

Applicant: (Print) David Mayer

Address: 400 East Front Avenue
Bismarck, ND 58504

Phone: (H)

(W) 701-222-6464

Signature: [Signature] Date Submitted: 9-7-17
(Riparian landowner or Organization Sponsoring the project)

EXISTING ASPHALT  
EXISTING ELEV. 1632.52

EXISTING ERODED BANK  
EXISTING ELEV. 1631.26

3:1 SLOPE  
WATER MARK  
EL = 1627.26  
ORDINARY HIGH WATER MARK  
EL = 1625.68

2' THICK (MIN.)  
RIPRAP  
(PLACED IN LOCATION SHOWN ON PLANS)



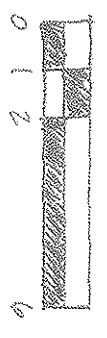
A CROSS SECTION A-A

EXISTING ASPHALT  
EXISTING ELEV. 1630.93

EXISTING SLOPE

2' THICK (MIN.)  
RIPRAP  
(PLACED IN LOCATION SHOWN ON PLANS)

WATER MARK  
EL = 1627.26  
ORDINARY HIGH WATER MARK  
EL = 1625.68



B CROSS SECTION B-B

Fox Island Boat Landing  
Barnack Parks and Recreation District  
9/1/17



Bismarck, ND

MILLS AVE

Missouri River

Proposed Riprap Work

LANGER LN

Fox Island



2016 Aerial Photo



**Sovereign Lands Permit Application No. S-1959-B  
Bismarck Parks and Recreation**

SE 1/4 of NW 1/4 Section 18, T138N, R80W, Burleigh County

Erosion Management at Fox Island Boat Ramp



Date: 11/2/2017  
Prepared by: CWN

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# North Dakota Irrigation Association

Dedicated to strengthening and expanding irrigation to build and diversify our economy.

P.O. Box 2254  
Bismarck, ND 58502  
701-223-4615, 701-223-4645 (fax)  
e-mail: ndirrigation@btinet.net

October 30, 2017

Dear North Dakota Irrigation Association Member:

Thank you for your membership in the North Dakota Irrigation Association (NDIA). In early December you will receive your 2018 membership renewal to help us strengthen and expand irrigation to build and diversify our economy.

Our Strategic Plan for irrigation development includes six components:

1. Marketing
2. Project Development
3. Irrigation Research
4. Funding and Financing
5. Energy Alternatives
6. Communication and Education

Your membership in NDIA also includes a subscription to *North Dakota Water* which includes "Irrigation Frontier" relating to irrigation issues in our state. We also publish educational brochures for irrigated crops, and other special irrigation publications.

You are invited to attend the North Dakota Irrigation Expo on Thursday, Dec. 7, 2017, in Bismarck. Enclosed is an agenda and registration form. For room reservations, contact the Ramkota Hotel (701) 258-7700).

There is tremendous opportunity for irrigation development in North Dakota, providing new personal income, tax revenues, economic growth for communities, and job opportunities. We hope that you will renew your membership and continue with others to strengthen and expand irrigation to build and diversify our economy. Thank you.

Sincerely,

Carter Vander Wal  
Chairman

11/1

## **Bismarck Irrigation Workshop**

**Thursday, December 7, 2017**

North Dakota Water Users Convention

Best Western Ramkota Hotel

800 South 3<sup>rd</sup> Street

Grand Pacific Room

The North Dakota Irrigation Association (NDIA) will hold its annual Irrigation Workshop on Thursday, Dec. 7, in Bismarck. The workshop is sponsored by NDIA, the North Dakota Water Users Association, and the NDSU Extension Service. The workshop schedule is as follows:

### **7:30 – 8:30 a.m. Registration and Irrigation Exposition**

#### **Morning Session**

- Irrigation Operations at the Oakes Irrigation Research Site, *Kelly Cooper*
- Update on Water Permits, Water Appropriation and Pending Permit Applications, *SWC Staff*
- Mapping Aquifers using Airborne Electromagnetic Surveys, *SWC Staff*

#### **Break**

- Irrigation Management and Research at Nesson Valley, *Tyler Tjelde*
- Irrigation Developments along the McClusky Canal, *Kip Kovar*
- Economics of Irrigation: McClusky Canal and Regional Impacts, *NDSU Agricultural Econ. Dept.*

### **11:30 a.m. – 1:00 p.m. North Dakota Irrigation Association Annual Meeting (Lunch is included in the registration fee)**

#### **Afternoon Session**

- Irrigated Pasture and Cover Crops, *Kenny Miller*
- NRCS EQIP Precision Irrigation Projects, *Erica Altoff*
- Using Unmanned Aerial Vehicles with Irrigation, *Paolo Flores*
- Herbicide Resistant Weeds, *TBD*

Cost for the Irrigation Workshop is \$30 which includes lunch, refreshment breaks, and workshop materials. Register in advance by calling the NDIA at 701-223-4615. Participants can also register at the door.

**54<sup>th</sup> Annual**  
**Joint North Dakota Water Convention and Irrigation Workshop**  
 Best Western Ramkota Hotel, Bismarck  
 December 6-7, 2017

**ADVANCE REGISTRATION FORM**

Name(s) \_\_\_\_\_

Representing \_\_\_\_\_ E-mail \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

<u>Please indicate the number attending for each event:</u>	<u>#</u>	<u>Cost</u>	<u>Total</u>
<b>Full Registration</b> includes convention program, Irrigation Workshop plus <b>ALL MEALS</b> , speakers, panels, entertainment, social hours and breaks	_____	\$ 200.00	\$ _____
<b>Full Registration after Dec. 1</b>	_____	\$ 225.00	\$ _____
<b>Registration Only</b> includes convention program/Irrigation Workshop plus speakers, panels, entertainment, social hours and breaks- <b>DOES NOT INCLUDE MEALS</b>	_____	\$ 125.00	\$ _____
<b>Registration Only after Dec. 1</b>	_____	\$ 150.00	\$ _____
 <b><u>Extra meal tickets may be purchased:</u></b>			
<b>Opening Luncheon</b> (Dec. 6)	_____	\$ 20.00	\$ _____
<b>Western Party</b> (Dec. 6)	_____	\$ 25.00	\$ _____
<b>Prayer Breakfast</b> (Dec. 7)	_____	\$ 10.00	\$ _____
<b>Buffet Luncheon</b> (Dec. 7)	_____	\$ 15.00	\$ _____
<b>Awards Banquet</b> (Dec. 7)	_____	\$ 30.00	\$ _____
	_____	Totals	\$ _____

**Irrigation Workshop Only**

**Irrigation Workshop, Dec. 7 (includes lunch)**      \$ 30.00      \$ \_\_\_\_\_

\_\_\_\_\_

Name

Send completed form and check to: North Dakota Water Users Association  
 PO Box 2254, Bismarck, ND 58502  
 Fax: 701-223-4645 Phone: 701-223-4615  
 E-mail: jellingson@ndwater.net

**Cancellation Policy:** When you register for the convention, we make arrangements for your arrival. In the unlikely event you have to cancel your registration, the following cancellation policy will be applied. By registering to attend the event, you are complying with the cancellation policy. A **\$40 administrative fee** will be charged on all refund requests for registration and meals, on or before **Dec. 1**. There will be no refunds for cancellations received after **Dec. 1**.

**Hotel Reservations:** A block of rooms has been reserved for Dec. 5-8 at the Ramkota Hotel. Reserve your room(s) by calling 701-258-7700 (\$99 per night, N.D. Water Convention block), by **Nov. 17**.

An overflow block of rooms has also been reserved at the Expressway Inn (701-222-2900) for \$79.95 per night and Expressway Suites (701-222-3311) for \$89.95 per night. These rooms are reserved under the N.D. Water Convention block. Please reserve these rooms by **Nov. 21**.

116

BCWRD Invoices

11-8-17

Name	Project	Invoice	Amount
Aqua Irrigation/Alex Seibel	McDowell Dam irrigation	1065	\$1,171.29
Bliss Law Firm	October	19228	\$4,512.65
Bismarck Parks and Rec	Admin	4822	\$3,123.78
Bismarck Parks and Rec	Expenses	4822	\$12,495.13
Bismarck Tribune	Public hearing notice Hay Creek Pines	20909407	\$258.96
Burleigh County	Burnt Creek Floodway	#####	\$3,000.00
Fronteer Payroll	October payroll processing	66676	\$125.00
Fronteer Payroll	3rd Quarter payroll reports	66703	\$125.00
Fronteer Payroll	July payroll processing	65859	\$125.00
Houston Engineering	McDowell Dam		
Houston Engineering	General	36703	\$2,000.00
Houston Engineering	Burnt Creek Floodway	36704	\$154.00
Houston Engineering	Drainage Complaints	36707	\$1,161.50
Houston Engineering	Missouri River Bank Stabilization	36708	\$237.50
Menards	House at McDowell Dam - flooring	16057	\$1,475.06
Outland Services, LLC	Deck at McDowell Dam	147	\$9,820.00
PMS	October Services	6086	\$2,523.95
	Subtotal		\$42,308.82
<b>MRCC Bills</b>			
Houston Engineering	Work Order #18 SA 25	36706	\$8,977.71
Braun Intertec	MRCC	B105115	\$853.50
Burleigh County	MRCC Special Assessment set up	#####	\$1,500.00
	Subtotal		\$11,331.21
<b>Fox Island Bills</b>			
Houston Engineering	Fox Island	36705	\$9,915.53
Braun Intertec	Fox Island	B108819	\$1,744.00
	Subtotal		\$11,659.53
	<b>TOTAL</b>		\$65,299.56

Bliss Law Firm, LLC  
400 East Broadway, Suite 308  
Bismarck, ND 58501

Invoice submitted to:

Burleigh County Water Resource District  
1720 Burnt Boat Dr., Suite 205  
Bismarck, ND 58503

October 27, 2017

Invoice #19228

Professional Services

	<u>Hrs/Rate</u>	<u>Amount</u>
10/2/2017 (953) Telephone call from Mike Gunsch with regard to Braun testing results and procedures.	0.80 231.00/hr	184.80
(953) Follow-up telephone call to North Dakota Department of Health Water Quality Director Karl Rockeman with regard to e-coli coliform standards.	0.50 231.00/hr	115.50
(953) Follow-up telephone call to Board member Rod Beck with regard to Hay Creek Pines and Braun Intertec study.	0.50 231.00/hr	115.50
10/3/2017 (953) Follow-up telephone call to Rod Beck with regard to Hay Creek Pines.	0.40 231.00/hr	92.40
(953) Telephone call from Mike Gunsch with regard to status of Hay Creek Pines, discussion of technical results and analyses.	0.50 231.00/hr	115.50
(953) Review civil procedure rules with regard to time, follow-up e-mail to Board members with regard to time computation.	0.20 231.00/hr	46.20
(953) Review House Bill 1390, codified in NDCC 61-32-03.	0.80 231.00/hr	184.80
10/6/2017 (904) Telephone call from Commissioner Kathleen Jones with regard to McDowell Dam accounting.	0.30 231.00/hr	69.30
(953) Receipt and review of correspondence from Mike Gunsch with regard to Nitzchke appeal, reply to the same.	0.20 231.00/hr	46.20
10/10/2017 (910D) Review Attorney Wegner's comments with regard to MRCC bonding issues and resolution.	0.40 231.00/hr	92.40

	<u>Hrs/Rate</u>	<u>Amount</u>
10/10/2017 (312) Receipt and review of Board-related correspondence with regard to administrative matters.	0.30 231.00/hr	69.30
10/11/2017 (312) Prepare for Board meeting, attend Board meeting.		1,000.00
(953) Follow-up telephone call to Mike Gunsch and Travis with regard to post-Board meeting, Haycreek Pines matters.	0.50 231.00/hr	115.50
(960-2) Regarding Pavlicek complaint: review hearing procedures; follow-up telephone calls/e-mail to Board and Mona with regard to hearing.	0.40 231.00/hr	92.40
10/13/2017 (953) Telephone call from Mike Gunsch with regard to Hay Creek Pines options, test studies.	0.50 231.00/hr	115.50
(953) Telephone call from Kathleen Jones with regard to Hay Creek Pines.	0.30 231.00/hr	69.30
(904) Receipt and review of McDowell Dam lease agreement; reply to James and Nic with regard to the same.	0.30 231.00/hr	69.30
10/16/2017 (953) Receipt and review of amended appeal by Mr. Nitzchke to the State Water Commission; follow-up telephone call to Mike Gunsch with regard to two appeals, status of Hay Creek Pines.	0.60 231.00/hr	138.60
(953) E-mail correspondence from Mike Gunsch with regard to Board's reply to Bismarck Tribune inquiry.	0.30 231.00/hr	69.30
10/17/2017 (960-2) Review Pavlicek drain complaint file, correspondence, reply to Mike Gunsch.	0.50 231.00/hr	115.50
10/19/2017 (312) Conference with Kathleen Jones with regard to Board matters.	1.00 231.00/hr	231.00
(953) Telephone call from Kathleen Jones with regard to status of Hay Creek Pines and Nitzchke appeal.	0.40 231.00/hr	92.40
(953) Receipt and review of both original and amended appeals to the State Water Commission; follow-up telephone call to Mike Gunsch with regard to the same.	1.00 231.00/hr	231.00
(953) Telephone call from Kathleen Jones with regard to Hay Creek Pines; follow-up telephone call to Chairman Larson with regard to Hay Creek Pines setting up executive session board meeting; status of case.	0.75 231.00/hr	173.25
(953) Follow-up telephone call to Rod with regard to Hay Creek Pines, Board meeting, status of case.	0.30 231.00/hr	69.30
10/20/2017 (953) Two telephone calls to/from Mike Gunsch with regard to Hay Creek Pines testing, procedures, and possible future testing.	0.80 231.00/hr	184.80

	<u>Hrs/Rate</u>	<u>Amount</u>
10/23/2017 (910D) Telephone call from Mike Gunsch with regard to easement language.	0.30 231.00/hr	69.30
10/24/2017 (953) Telephone call from Mike Gunsch with regard to pre-Board meeting agenda.	0.60 231.00/hr	138.60
(953) Prepare for executive session of Board meeting with regard to Hay Creek Pines; attend executive session of Board meeting with regard to Hayc Ceek Pines.	1.70 231.00/hr	392.70
For professional services rendered		<u>\$4,499.65</u>
Additional Charges :		
10/26/2017 Copying costs		13.00
Total additional charges		<u>\$13.00</u>
Total amount of this bill		<u>\$4,512.65</u>
Previous balance		\$4,230.10
Accounts receivable transactions		
10/16/2017 Payment - Thank You. Check No. 1529		<u>(\$4,230.10)</u>
Total payments and adjustments		<u>(\$4,230.10)</u>
Balance due		<u><u>\$4,512.65</u></u>





**Classified Advertising Invoice**

**Bismarck Tribune**

PO BOX 540  
Waterloo, IA 50704-0540

888-418-6474

BURLEIGH COUNTY WATER RESOURCE

221 N 5TH STREET  
BISMARCK ND 58501

Customer: 60008566  
Phone: (701) 202-5459  
Date: 09/29/2017

Date	Order #	Type	Order Amt
09/29/17	20909407	INV	258.96

Amount Paid	CK #
_____	_____

CREDIT CARD PAYMENT (circle one)



Card #: \_\_\_\_\_  
Exp Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Credit card users: Fax to 319-291-4014

PLEASE DETACH AND RETURN TOP PORTION WITH YOUR PAYMENT

Lee Enterprises no longer accepts credit card payments sent via e-mail. Emails containing credit card numbers will be blocked. Please use the coupon above to send a credit card payment to remittance address located in the upper right corner. You may also send the coupon to a secure fax at 319-291-4014.

Date	Date	Times Run	Description	Lines	Class Code	Order Amt	Net Amt Due
			Sept. 29, 2017 - Hay Creek Pin	156.00	Legals	258.96	258.96
09/22/17	09/29/17	2	Bismarck Tribune PO:Hearing Notice				

Affidavit of Publication  
 State of North Dakota ) SS County of Burleigh  
 Before me, a Notary Public for the State of North Dakota  
 personally appeared JR who being duly sworn, deposes  
 and says that he (she) is the Clerk of Bismarck Tribune Co.  
 and that the publication(s) were made through the  
Bismarck Tribune on the following dates:  
September 22, 29 Signed Ludy Keller  
4th  
 day of October 2017  
Morgan Doll  
 Notary Public in and for the State of North Dakota



Please return invoice or put order number on check. Thank You.

Remarks	Total Due: 258.96
---------	-------------------

**Bismarck Tribune**  
www.bismarcktribune.com  
PO BOX 540  
Waterloo, IA 50704-0540

Terms: PAYMENT IS DUE UPON RECEIPT OF INVOICE

INVOICE



The Science You Build On.

PLEASE REMIT TO

Braun Intertec Corporation  
NW 7644 PO Box 1450  
Minneapolis, MN 55485

Telephone (952) 995-2000  
Fax (952) 995-2020  
Tax I.D. 41-1684205

Michael Gunsch  
Houston Engineering, Inc.  
3712 Lockport St  
Bismarck, ND 58503

Date 10/20/2017  
Invoice number B108819  
Project ID B1609891.00  
Customer account 11679  
Customer PO

Fox island CPT

Geotechnical Evaluation  
Multiple Locations - Fox Island  
Bismarck, ND

For Professional Services rendered through 10/6/2017

1 - Fox Island CPT Evaluation

1.2 - Evaluation/Analysis/Reports

\$1,744.00

\$1,744.00

Total Fees

\$1,744.00

Amount Previously Invoiced: \$8,664.50  
Amount Invoiced to Date: \$10,408.50

Please pay from this invoice.  
Terms: Due on receipt, 1 1/2% per month after 30 days, 18% annual percentage rate.

	Qty/Hours	Rate	Amount
<b>1 - Fox Island CPT Evaluation</b>			
<b>1.2 - Evaluation/Analysis/Reports</b>			
<b>Consulting Services Detail</b>			
Staff Engineer	10.00	137.00	1,370.00
Senior Engineer	2.00	187.00	374.00
<b>Total 1.2 - Evaluation/Analysis/Reports</b>			<u><b>\$1,744.00</b></u>
<b>Total 1 - Fox Island CPT Evaluation</b>			<u><b>\$1,744.00</b></u>
<b>Total Project</b>			<u><b>\$1,744.00</b></u>

INVOICE



The Science You Build On.

PLEASE REMIT TO

Braun Intertec Corporation  
NW 7644 PO Box 1450  
Minneapolis, MN 55485

Telephone (952) 995-2000  
Fax (952) 995-2020  
Tax I.D. 41-1684205

Michael Gunsch  
Houston Engineering, Inc.  
3712 Lockport St  
Bismarck, ND 58503

Date 9/20/2017  
Invoice number 8105115  
Project ID B1606118  
Customer account 11679  
Customer PO

MRCC Flood Control Project

Excavation Observations and Reporting  
1800 48th Avenue Southwest  
Bismarck, ND

For Professional Services rendered through 9/8/2017

1 - Levee Excavation Observations		
1.1 - Excavation Observation	\$367.50	\$367.50
2 - Project Management, Engineering Review & Oversight		
2.1 - Project Management, Engineering Review & Oversight	\$486.00	\$486.00
	<b>Total Fees</b>	<b>\$853.50</b>

Amount Previously Invoiced: \$24,245.25  
Amount Invoiced to Date: \$25,098.75

Please pay from this invoice.  
Terms: Due on receipt, 1 1/2% per month after 30 days, 18% annual percentage rate.

	Qty/Hours	Rate	Amount
<b>1 - Levee Excavation Observations</b>			
<b>1.1 - Excavation Observation</b>			
<b>Consulting Services Detail</b>			
Compaction Testing - Nuclear	3.75	76.00	285.00
<b>Non-Salary Detail</b>			
Nuclear moisture-density meter charge, per hour	3.75	22.00	82.50
<b>Total 1.1 - Excavation Observation</b>			<b>\$367.50</b>
<b>Total 1 - Levee Excavation Observations</b>			<b>\$367.50</b>
<b>2 - Project Management, Engineering Review &amp; Oversight</b>			
<b>2.1 - Project Management, Engineering Review &amp; Oversight</b>			
<b>Consulting Services Detail</b>			
Project Manager	3.00	162.00	486.00
<b>Total 2.1 - Project Management, Engineering Review &amp; Oversight</b>			<b>\$486.00</b>
<b>Total 2 - Project Management, Engineering Review &amp; Oversight</b>			<b>\$486.00</b>
<b>Total Project</b>			<b>\$853.50</b>

**INVOICE**

County of Burleigh  
PO Box 5518  
221 N 5th Street  
Bismarck, ND 58506-5518

Invoice Date	Invoice Number	Rev.
10/20/2017	2017000765	0
Customer P.O. Number		
Reference		

Questions ? Please See Phone Number Below

Bill To :

BURLEIGH COUNTY WATER RESOURCE DISTRICT  
1720 BURNT BOAT DR STE 205  
BISMARCK, ND 58503

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic funds transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic funds transfer, funds may be withdrawn from your account as soon as the same day we receive your payment and you will not receive your check back from your financial institution.

Attn: Accounts Payable

Phone: Fax:

Project: Auditor  
(701)222-6694

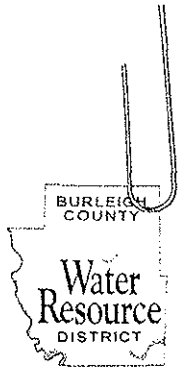
Qty	Unit	Product#	Description	Unit Price	Extended	Tax	Freight
1.00	EA		Annual Set Up & Collection for Burnt Creek Floodway Maintenance Agreement for 2016 & 2017	3,000.0000	3,000.00	0.00	0.00

NOTES:

[Empty rectangular box for notes]

Sub-Total:	3,000.00
Freight:	0.00
Tax:	0.00
Total Amount:	3,000.00

**ORIGINAL**



## Burleigh County Water Resource District

1720 Burnt Boat Drive, Suite 205  
Bismarck, North Dakota 58503  
[www.bcwrld.org](http://www.bcwrld.org)

September 29, 2017

Kevin Glatt, Burleigh County Auditor  
City/County Office Building  
221 North 5<sup>th</sup> Street  
P.O. Box 5518  
Bismarck, North Dakota 58506-5518

RE: Burnt Creek – Operations and Maintenance Assessment District

Dear Mr. Glatt:

The Burleigh County Water Resource District (BCWRD) approved the Burnt Creek Floodway Maintenance Assessment during their meeting on September 29, 2017. A copy of the certified assessment list for 2017 is enclosed.

As noted the 2017 assessment will generate a total of \$27,009.28. The amount of revenue generated each year varies based on the changing residential/commercial property valuations and agricultural acreage within the assessment district. We understand your office will charge a fee of \$1,500 to complete the annual set up and collection.

This operations and maintenance district was established in accordance with North Dakota Century Code Section 61-16.1-40.1 and approved by two thirds vote of both the BCWRD and the Burleigh County Commission on February 3, 2014. The BCWRD hereby certifies these costs for assessment and directs them to be levied in accordance with the assessment list. If you have any questions, please let me know.

Sincerely,

Greg Larson, Chairman  
Burleigh County Water Resource District

Enclosure

C: Rick Detwiler, BCWRD Treasurer  
Kathleen Jones, Burleigh County Commissioner  
David Bliss, Bliss Law Firm  
Michael H. Gunsch, Houston Engineering, Inc.

---

Current Board Members:

Greg Larson, Chairman, Bismarck 400-7217 Dennis Reep, Vice Chairman, Bismarck 223-7052 Rick Detwiler, Secretary/Treasurer, Bismarck 223-8782 Rodney Beck, Bismarck 220-5313 James Landenberger 426-6439

Fronteer Payroll Services  
4007 State Street, Ste 20  
Bismarck, ND 58503

Phone:701-258-9848 Fax:701-258-1011

Mona Livdahl  
Burleigh County Water Resource Dist  
1720 Burnt Boad Dr, Ste 205  
Bismarck, ND 58503

**INVOICE**

Page 1 of 1

Invoice No. 66676  
Invoice Date 10/20/2017  
Due Date 10/20/2017  
Customer Number 9124-000

Quantity	Description	Unit Price	Amount
1	October 4th Payroll Processing	125.00	125.00

Subtotal 125.00  
Sales Tax .00  
Shipping & Handling .00  
**Total Due 125.00**

**Thank You For Your Business!**



**Fronteer Payroll Services**  
4007 State Street, Ste 20  
Bismarck, ND 58503

Phone:701-258-9848 Fax:701-258-1011

**INVOICE**

Page 1 of 1

Invoice No. 66703  
Invoice Date 10/25/2017  
Due Date 10/25/2017  
Customer Number 9124-000

Mona Livdahl  
Burleigh County Water Resource Dist  
1720 Burnt Boad Dr, Ste 205  
Bismarck, ND 58503

Quantity	Description	Unit Price	Amount
1	3rd Quarter Payroll Reports	125.00	125.00

Subtotal 125.00  
Sales Tax .00  
Shipping & Handling .00  
**Total Due 125.00**

**Thank You For Your Business!**

Fronteer Payroll Services  
4007 State Street, Ste 20  
Bismarck, ND 58503

Phone:701-258-9848 Fax:701-258-1011

**INVOICE** Page 1 of 1

Invoice No. 65859  
Invoice Date 07/11/2017  
Due Date 07/11/2017  
Customer Number 9124-000

Mona Livdahl  
Burleigh County Water Resource Dist  
1720 Burnt Boad Dr, Ste 205  
Bismarck, ND 58503

Quantity	Description	Unit Price	Amount
1	Payroll Processing	125.00	125.00

Subtotal 125.00  
Sales Tax .00  
Shipping & Handling .00  
**Total Due 125.00**

**Thank You For Your Business!**

**INVOICE**

County of Burleigh  
PO Box 5518  
221 N 5th Street  
Bismarck, ND 58506-5518

Invoice Date	Invoice Number	Rev.
11/01/2017	2017000779	0
Customer P.O. Number		
Reference		

Questions ? Please See Phone Number Below

Bill To :

BURLEIGH COUNTY WATER RESOURCE DISTRICT  
1720 BURNT BOAT DR STE 205  
BISMARCK, ND 58503

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic funds transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic funds transfer, funds may be withdrawn from your account as soon as the same day we receive your payment and you will not receive your check back from your financial institution.

Attn: Accounts, Payable

Phone: Fax:

Project: Auditor  
(701)222-6694

Qty	Unit	Product#	Description	Unit Price	Extended	Tax	Freight
1.00	ea		MRCC Special Assessment Set-Up	1,500.0000	1,500.00	0.00	0.00

NOTES:

Sub-Total:	1,500.00
Freight:	0.00
Tax:	0.00
Total Amount:	1,500.00

**ORIGINAL**

# Invoice

**Outland Services LLC**  
123 Clarke Rd  
Lincoln ND 58504  
Ryan 701-319-7926  
outlandservices15@gmail.com

Date: 10/11/2017  
Invoice No.: 147  
Due Date: 10/26/2017  
Customer PO: Burleigh County  
Water Resource  
District

**Bill To:**  
David Robinson  
McDowel Dam

**Ship To:**  
McDowel Dam

Qty	Description	Unit Price	Total
1	Build treated deck/ landings off house		
1	deck will set on 2x10 beams and 4x4 posts		
1	concrete footings will be 8" round and 4ft deep		
1	all material will be treated lumber( decking, framing, railing)		
1	framing will be 2x8 joists, facia board, and rim joist		
1	railing will be 2x2 spindles with 2x4 top rail		
1	deck fasteners are coated deck screws and code approved brackets and hangers		
1	all decks and landing will attach to home and have proper flashing to shed water		
1	permit included		
1	Deck#3 (full wrap around deck) materials and labor	\$9,820.00	\$9,820.00

**Total \$9,820.00**  
**Balance Due \$9,820.00**

**A service charge of 2% will be made on all balances past 15 days**

**Thank you for your business.**

# Aqua Irrigation

Invoice

701-220-4519

**Bill To:**

David Robinson

Date	Invoice No.	P.O. Number	Terms	Project
10/13/17	1065			

Item	Description	Quantity	Rate	Amount
Materials	Sales Tax		1,171.29 0.00%	1,171.29 0.00
	Write check to Alex Seibel			
	Mail check to 4 N 21st St Grand Forks, ND 58203			

**Total**

**\$1,171.29**



SPECIAL ORDER CONTRACT  
GUEST COPY



CASHIER: Please staple receipt to back

STORE # 3055 BISM  
3300 STATE STREET  
BISMARCK, ND 58503

PHONE: (701) 222-2700  
FAX: (701) 222-3116

GUEST NAME - ADDRESS - PHONE

Robinson, David  
1951 93rd St NE  
Bismarck, ND 58501-8514  
Ph: (701) 226-4955

ADDITIONAL INFORMATION

Ship Direct to Guest (UPS/FedEx)

Robinson, David  
1951 93rd St NE  
Bismarck, ND 58501

ESTIMATED ARRIVAL DATE  
NOT BINDING ON MENARD, INC.  
BASED ON PROMISES BY OTHERS 10/18/17

SOLD BY ORDER DATE  
MOLLY E. 10/12/17

NOTIFICATION:  
EMAIL: drobinson300@yahoo.com  
JOB DESC:

IMPORTANT

1. Verify quoted product and quantity
2. Product will be ordered upon payment
3. Track order on Menards.com
4. Pick up order within 14 days of arrival at store
5. Retain receipt

QTY ORDERED	DESCRIPTION	SKU	UNIT PRICE	EXTENDED PRICE
1 EACH	OVERLAND TOUCH 1H PD SP 19934T-SPSD-DST	673-0041	299.00*	299.00

*Flouring*

\*\*\* By purchasing today, you saved \$50.00 \*\*\*

This is a quote valid today. This quote becomes an order upon payment and a valid Menards receipt for this order is attached.

READ THIS CONTRACT CAREFULLY. The terms and conditions set forth in this document are a complete and final expression of the parties. The contract cannot be altered except by written instrument explicitly signed and executed by the General Manager. Any and all claims under this contract must be brought within one year of purchase. "Custom made" special order merchandise purchased from Menards is NON-REFUNDABLE. "Non-custom made" Special order product may be refunded at Menards sole discretion with a 25% restocking fee. Purchaser is responsible for providing to Menards all measurements, sizes, and colors stated above. Purchaser's exclusive remedy, if any product is defective or fails to conform to the terms of the contract, is replacement of the product. All defects and non-conformities must be reported to Menards within 3 days of receiving the product. Purchaser understands that all product is sold "AS IS," and the manufacturer's warranty, if any, is controlling. MENARDS MAKES NO WARRANTIES, EXPRESS OR IMPLIED AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT. There are no representations that the products listed herein meet local, state, or federal code requirements. Menards liability shall not exceed the purchase price of the products sold. MENARDS SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. Menards agrees to email Purchaser when the product is available for pick-up. If Purchaser fails to provide an email address, it is Purchaser's responsibility to check the status of the order by visiting Menards.com. If Purchaser refuses or fails to pick up the product within 14 days from the date of its availability, Menards may liquidate the product and shall be entitled to a 25% restocking fee. Menards may withhold any payment received as partial satisfaction. Purchaser agrees that Menards is not liable if the vendor, which supplies the product on this contract, fails to perform. Purchaser agrees that any and all controversies or claims arising out of or relating to this contract, or the breach thereof, shall be settled by binding arbitration administered by the American Arbitration Association under its applicable Consumer or Commercial Arbitration Rules. Purchaser agrees that all arbitrators selected shall be attorneys. This provision shall supersede any contrary rule or provision of the forum state. **YOUR PURCHASE OF THE PRODUCT ON THIS CONTRACT CONSTITUTES YOUR AGREEMENT TO ALL TERMS AND CONDITIONS STATED ABOVE.**

SUB-TOTAL: 299.00  
 SHIPPING: 0.00  
 PRE-TAX TOTAL: 299.00  
 VENDOR: DELTA FAUCET COMPANY

For the most accurate and up-to-date status of your order, please visit:

[www.menards.com](http://www.menards.com)





MENARDS - BISMARCK  
3300 State Street  
Bismarck, ND 58503

KEEP YOUR RECEIPT  
RETURN POLICY VARIES BY PRODUCT TYPE

Unless noted below allowable returns for  
items on this receipt will be in the form  
of an in store credit voucher if the  
return is done after 01/10/18

If you have questions regarding the  
charges on your receipt, please  
email us at:  
BISMfrontend@menards.com



Cust name: Robinson, David  
PO # McDowell  
Invoice # 16057

CHARGE SALE

Account: 30550255  
Guest Name: G- BISMARCK PARKS & REC

Tax Exempt 12  
Government/School

ACROPOLIS VINYL PLANK \*  
7255622 34.00 #34.59/PKG 1176.06 NT  
SPECIAL ORDER 30388458  
OVERLAND TOUGH 1H PD SP -PICK\*  
6730041 299.00 NT  
Tax Override - ND5850139  
END OF ORDER

TOTAL SALE 1475.06  
CHARGE 1475.06

TOTAL SAVINGS 199.60

TOTAL NUMBER OF ITEMS = 35

I acknowledge this purchase is governed  
by the terms and conditions posted in the  
front of the store and authorize MENARD,  
Inc. to bill the above named account and  
agree to pay for the goods according to  
the terms of the credit agreement which  
is on file.

Guest Signature

MENARDS IS NOW HIRING

APPLY TODAY

THANK YOU, YOUR CASHIER, Elaine

1863 04 2194 10/12/17 01:27PM 3055

Personalized Management Services, Inc.

1720 Burnt Boat Drive, Suite 205  
Bismarck, ND 58503

# Invoice

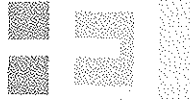
Date	Invoice #
10/31/2017	6086

Bill To
BCWRD

Description	Amount
Administrative/Management Fees	1,000.00
Bookkeeping	300.00
MRCC	100.00
Hay Creek Pines	475.00
Drainage Complaints	225.00
Supplies (ordered checks)	191.90
Postage - certified letter to Krein/Pavlicek	25.45
Supplies (folders labels)	4.50
Printing - Color	177.80
Photocopies	24.30
<b>Total</b>	<b>\$2,523.95</b>



INVOICE



HoustonEngineering Inc.

Remit to:

1401 21<sup>st</sup> Ave N. Fargo, ND 58102

Phone 701 237 5065

Fed Tax ID 45-0314557

Interest of 1%/month applied to past due invoices

Ms. Mona Livdahl  
Burleigh County Water Resource District  
1811 East Thayer Avenue  
Bismarck, ND 58501

November 1, 2017

Invoice No: 0036703

Due Date: December 1, 2017

Project R084241-000 Burleigh Co. WRD - General

BCWRD Project No.: 315 - Engineering Administration

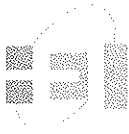
See attached Project Status Report and Invoice Description.

Professional Services from September 24, 2017 to October 21, 2017

Phase 000 Burleigh Co. WRD - General

Monthly Lump Sum Amount (2 Meetings)

Fee		2,000.00
	<b>Total this Phase</b>	<b>\$2,000.00</b>
	<b>Total this Invoice</b>	<b>\$2,000.00</b>



Houston Engineering Inc.

## **Project Status and Invoice Description**

3712 Lockport Street  
Bismarck, ND 58503  
Phone: 701-323-0200  
Fax: 701-323-0300

---

**HEI Project No.:** 4241-000: BCWRD General Services  
**BCWRD Account No.** 315 – Engineering Administration  
**Project Name:** General Engineering Services

---

**Billing Period:** *September 24, 2017 through October 21, 2017*

Professional engineering and surveying services related to activities and issues addressed at the request and direction of the BCWRD during this billing period, including time associated with, but not limited to the following:

- September Board Meeting
- September 29<sup>th</sup> – Special Board Meeting
- Meeting preparation and discussion
- Review of minutes and agenda updates
- Various BCWRD issues and contacts

**Comments:**

- This invoice is only for Board meeting related time only. In accordance with Board direction, all costs associated with drainage complaints, storm water master plans, and other project related activities have been invoiced to assigned project numbers.

**Total Invoice                      \$2,000**

INVOICE



HoustonEngineering Inc.

Remit to:

1401 21st Ave N. Fargo, ND 58102

Phone 701 237 5065

Fed Tax ID 45-0314557

Interest of 1%/month applied to past due invoices

Ms. Mona Livdahl  
Burleigh County Water Resource District  
1811 East Thayer Avenue  
Bismarck, ND 58501

November 1, 2017

Invoice No: 0036704

Due Date: December 1, 2017

Project R084241-300 Burnt Creek Floodway Rehabilitation and O&M

BCWRD Account No. 940 - Shared Projects  
**SA 5D**

See Attached Project Status Report and Invoice Description.

Professional Services from September 24, 2017 to October 21, 2017

Phase 800 Annual O&M and Assessment District

**Professional Personnel**

	Hours	Rate	Amount	
Senior Project Manager	.25	190.00	47.50	
Professional Engineer	.75	142.00	106.50	
Totals	1.00		154.00	
<b>Total Labor</b>				<b>154.00</b>
		<b>Total this Phase</b>		<b>\$154.00</b>
		<b>Total this Invoice</b>		<b>\$154.00</b>



HoustonEngineering Inc.

## Project Status and Invoice Description

3712 Lockport Street  
Bismarck, ND 58503  
Phone: 701-323-0200  
Fax: 701-323-0300

---

<b>HEI Project No.:</b>	<b>4241-300</b>
<b>BCWRD Account No.</b>	<b>940 – Burnt Creek Rehabilitation</b>
<b>Project Name:</b>	<b>Burnt Creek Flood Control Project</b>

---

*Invoice Period: September 24, 2017 through October 21, 2017*

The following professional engineering and surveying services were provided on the Burnt Creek Flood Control Project.

### **Phase (800) Annual O&M and Assessment District**

- Close out Special Assessment District for 2017 tax year
- Parcel Data Verification – Acreages provided by County GIS Coordinator
- Certified assessment to County Auditor correct as submitted

### **Comments/Issues/Problems**

➤ NA

**INVOICE**



**HoustonEngineering Inc.**

**Remit to:**

1401 21<sup>st</sup> Ave N Fargo, ND 58102

Phone 701 237 5065

Fed Tax ID 45-0314557

Interest of 1%/month applied to past due invoices

Ms. Mona Livdahl  
 Burleigh County Water Resource District  
 1811 East Thayer Avenue  
 Bismarck, ND 58501

November 1, 2017  
 Invoice No: 0036705  
 Due Date: December 1, 2017

Project R106025-006 Fox Island Flood Control

BCWRD Account No.: 937 - Special Assessment Projects

See attached Project Status Report and Invoice Description.

**Professional Services from September 24, 2017 to October 21, 2017**

Phase 100 Regulatory and Easements  
 Task 001 Permitting and Regulatory

**Professional Personnel**

	Hours	Rate	Amount	
Senior Project Manager	.75	190.00	142.50	
CAD Supervisor	5.50	101.00	555.50	
CAD Operator	1.50	77.00	115.50	
Totals	7.75		813.50	
<b>Total Labor</b>				<b>813.50</b>
		<b>Total this Task</b>		<b>\$813.50</b>

Task 002 Easements and Rights-of-Way

**Professional Personnel**

	Hours	Rate	Amount	
Professional Engineer	.75	142.00	106.50	
Totals	.75		106.50	
<b>Total Labor</b>				<b>106.50</b>
		<b>Total this Task</b>		<b>\$106.50</b>

**Total this Phase \$920.00**

Phase 150 USACOE Section 408

**Professional Personnel**

	Hours	Rate	Amount	
Senior Project Manager	1.25	190.00	237.50	
Totals	1.25		237.50	
<b>Total Labor</b>				<b>237.50</b>
		<b>Total this Phase</b>		<b>\$237.50</b>

Phase 200 Final Design

Task 001 Ground Reconnaissance Survey

**Professional Personnel**

	Hours	Rate	Amount	
Professional Engineer	5.00	142.00	710.00	
Graduate Engineer	4.00	114.00	456.00	
CAD Supervisor	7.00	101.00	707.00	
Totals	16.00		1,873.00	
<b>Total Labor</b>				<b>1,873.00</b>

**Unit Billing**

(BSK) GPS Equipment Unit Hours	3.0 Hours @ 25.00	75.00	
(BSK) Mileage - Survey/Inspection	15.0 Miles @ 0.735	11.03	
<b>Total Units</b>		<b>86.03</b>	<b>86.03</b>
<b>Total this Task</b>			<b>\$1,959.03</b>

-----  
 Task 002 Soils/Geotechnical

**Professional Personnel**

	Hours	Rate	Amount	
Professional Engineer	1.25	142.00	177.50	
Totals	1.25		177.50	
<b>Total Labor</b>				<b>177.50</b>

**Reimbursable Expenses**

Hardware and Field Supplies			1.00	
<b>Total Reimbursables</b>			<b>1.00</b>	<b>1.00</b>
<b>Total this Task</b>			<b>\$178.50</b>	

-----  
 Task 004 Levee Design

**Professional Personnel**

	Hours	Rate	Amount	
Professional Engineer	11.50	142.00	1,633.00	
Totals	11.50		1,633.00	
<b>Total Labor</b>				<b>1,633.00</b>
<b>Total this Task</b>			<b>\$1,633.00</b>	

-----  
 Task 005 Project Manual

**Professional Personnel**

	Hours	Rate	Amount	
Project Engineer	7.75	158.00	1,224.50	
Professional Engineer	13.00	142.00	1,846.00	
Totals	20.75		3,070.50	
<b>Total Labor</b>				<b>3,070.50</b>
<b>Total this Task</b>			<b>\$3,070.50</b>	

-----  
 Task 007 Project QA/QC and Meetings

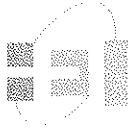
**Professional Personnel**

	Hours	Rate	Amount	
Professional Engineer	13.50	142.00	1,917.00	
Totals	13.50		1,917.00	
<b>Total Labor</b>				<b>1,917.00</b>
<b>Total this Task</b>			<b>\$1,917.00</b>	

---

Project	R106025-006	Fox Island Flood Control	Invoice	0036705
			<b>Total this Phase</b>	<b>\$8,758.03</b>
			<b>Total this Invoice</b>	<b>\$9,915.53</b>

---



HoustonEngineering Inc

## Project Status and Invoice Description

3712 Lockport Street  
Bismarck, ND 58503  
Phone: 701-323-0200  
Fax: 701-323-0300

**HEI Project No.:** R106025-006  
**BCWRD Account No.** 937 – Special Assessment Projects  
**Project Name:** Fox Island Flood Control

**Billing Period:** *September 24, 2017 through October 21, 2017*

Professional engineering services related to the activities associated with the preparation of the easement documents, regulatory submittals and final design documents for the Fox Island Flood Control Project.

### Tasks Completed:

- Landowner consultations continue, with numerous changes driven by unknowns and redirection by landowners regarding their expectations. This has resulted in extra design time and rework in some areas. Cost control in this situation is problematic, but efforts are being made to limit construction expenses, to the detriment of design services budget.
- Landscape features and specifications being developed and included in the project manual
- Levee design of floodwall and associated features near completion
- Consultation with Braun Intertec on floodwall design features and options for cost control
- QA/QC reviews on draft final plan sets continuing.
- Limited consultation on Section 408 process, awaiting final design to be completed and ready for submittal to the State Engineer, before submitting to the USACE

### Comments and Issues

- *Easements and ROW have been considerable and time consuming during design and have increased design costs. The impacts on scope and budget is beyond that anticipated, and not expected to decrease including, but not limited to, ownership, survey, legal and County consultations, geotechnical, floodwall design, landscape architecture, negotiations, etc. Information on these costs provided to the Board. A memorandum documenting out of scope tasks and costs was approved.*
- USACE Section 408 may result in the need to complete an Environmental Assessment. Submittal to the USACE remains to be completed pending final design for levee permit application to the ND State Engineer.
- Desire is yet to bid in 2017, however limitations remain
- Final negotiations with residents continues, and remains to be completed. Due to the work in and around the residences we are preparing a release of claims document for these properties to remove liability from completed project by the BCWRD and HEI for completed areas outside the final easement limits.

**See accompanying invoice for personnel cost breakdown.**

Regulatory and Easements (100)	\$ 920.00
Section 408 (150)	\$ 237.50
Final Design (200)	\$ 8,758.03
<b>Total Invoice</b>	<b>\$ 9,915.53</b>



**INVOICE**



**HoustonEngineering Inc.**

Remit to:  
 1401 21<sup>st</sup> Ave N Fargo, ND 58102  
 Phone 701 237 5065  
 Fed Tax ID 45-0314557  
 Interest of 1%/month applied to past due invoices

Ms. Mona Livdahl  
 Burleigh County Water Resource District  
 1811 East Thayer Avenue  
 Bismarck, ND 58501

November 1, 2017  
 Invoice No: 0036706  
 Due Date: December 1, 2017

Project R126025-012 Missouri River Correctional Facility FHMP

BCWRD Account No.: 937F-1  
**Work Order No. 18; Specific Authorization No. 25**  
**Amendment #1**

See attached Project Status Report and Invoice Description.

Professional Services from September 24, 2017 to October 21, 2017

Phase 600 Construction Management Services  
 Task 001 Construction Contract Administration

**Professional Personnel**

	Hours	Rate	Amount	
Professional Engineer	.50	142.00	71.00	
Totals	.50		71.00	
<b>Total Labor</b>				<b>71.00</b>
				<b>Total this Task \$71.00</b>

Task 002 Field Engineering Services

**Professional Personnel**

	Hours	Rate	Amount	
Technician	5.00	101.00	505.00	
Totals	5.00		505.00	
<b>Total Labor</b>				<b>505.00</b>
				<b>Total this Task \$505.00</b>

Task 003 Construction Surveying

**Professional Personnel**

	Hours	Rate	Amount	
Technician	1.00	101.00	101.00	
Two Person Crew	7.50	167.00	1,252.50	
Totals	8.50		1,353.50	
<b>Total Labor</b>				<b>1,353.50</b>

**Unit Billing**

(BSK) GPS Equipment Unit Hours	6.25 Hours @ 25.00	156.25	
(BSK) Lath		9.00	
(BSK) Mileage - Survey/Inspection	36.0 Miles @ 0.735	26.46	
<b>Total Units</b>		<b>191.71</b>	<b>191.71</b>

**Total this Task                    \$1,545.21**

Task                    004                    Project Closeout

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Senior Project Manager	1.75	190.00	332.50	
Project Engineer	20.75	158.00	3,278.50	
CAD Operator	4.00	77.00	308.00	
Totals	26.50		3,919.00	
<b>Total Labor</b>				<b>3,919.00</b>

**Total this Task                    \$3,919.00**

**Total this Phase                    \$6,040.21**

Phase                    700                    Financial and Bonding

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Senior Project Manager	8.00	190.00	1,520.00	
Professional Engineer	5.00	142.00	710.00	
Administrative Assistant	.50	72.00	36.00	
Totals	13.50		2,266.00	
<b>Total Labor</b>				<b>2,266.00</b>

**Total this Phase                    \$2,266.00**

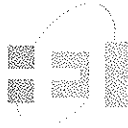
Phase                    800                    Operations and Maintenance Manual

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Project Engineer	4.25	158.00	671.50	
Totals	4.25		671.50	
<b>Total Labor</b>				<b>671.50</b>

**Total this Phase                    \$671.50**

**Total this Invoice                    \$8,977.71**



HoustonEngineering Inc.

## Project Status and Invoice Description

3712 Lockport Street  
Bismarck, ND 58503  
Phone: 701-323-0200  
Fax: 701-323-0300

**HEI Project No.:** 6025-012  
**BCWRD Account No.** 937F-1  
**Project Name:** Missouri River Correction Facility FHMP

**Billing Period:** *September 24, 2017 through October 21, 2017*

Professional engineering and surveying services related to the Missouri River Correctional Facility FHMP including time associated with, but not limited to the following:

**Tasks Completed:**

- Final project determinations regarding payment
- Project photos – record documents
- Field Survey for record drawings – Documentation of all installations
- Final inspection and assurance of punch list completion
- Release of contractor claims document completed and received
- Coordination to resolve isolated low point in levee – work completed under warranty
- Record drawings under development
- Work on final assessment district and bonding documentation
- Bonding documents signed and bonds sold
- Begin development of the Operations and Maintenance Model
- Final assessment district completed and sent to County Auditor

**Comments and Issues:**

- This is the twelfth invoice under Specific Authorization #25 Amendment #1, and continuation of previously authorized work on construction management services
- Bonds sold – closure documents remain to be completed
- Record drawings remain to be completed
- O&M Manual remains to be completed

**See accompanying invoice for personnel cost breakdown.**

Phase (600) Construction Management Services	\$ 6,040.21
Phase (700) Financial and Bonding	\$ 2,266.00
Phase (800) O&M Manual	\$ 671.50
<b>Total</b>	<b>\$ 8,977.71</b>

INVOICE



HoustonEngineering Inc.

Remit to:

1401 21st Ave N Fargo, ND 58102

Phone 701 237 5066

Fed Tax ID 45-0314557

Interest of 1%/month applied to past due invoices

Ms. Mona Livdahl  
Burleigh County Water Resource District  
1811 East Thayer Avenue  
Bismarck, ND 58501

November 1, 2017

Invoice No: 0036707

Due Date: December 1, 2017

Project R146025-018 Burleigh County WRD Drainage Complaints

BCWRD Account No.: 910

See attached Project Status Report and Invoice Description.

Professional Services from September 24, 2017 to October 21, 2017

Phase 016 Lake Mitchell Overflow Restoration

**Professional Personnel**

	Hours	Rate	Amount	
Senior Project Manager	.75	190.00	142.50	
Professional Engineer	.25	142.00	35.50	
Totals	1.00		178.00	
<b>Total Labor</b>				<b>178.00</b>
		<b>Total this Phase</b>		<b>\$178.00</b>

Phase 018 Peterka Complaint

**Professional Personnel**

	Hours	Rate	Amount	
Senior Project Manager	2.25	190.00	427.50	
Graduate Engineer	1.25	114.00	142.50	
Administrative Assistant	.25	72.00	18.00	
Totals	3.75		588.00	
<b>Total Labor</b>				<b>588.00</b>
		<b>Total this Phase</b>		<b>\$588.00</b>

Phase 020 Pavlicek v. Krein - Obstruction/Drain

**Professional Personnel**

	Hours	Rate	Amount	
Senior Project Manager	1.25	190.00	237.50	
Project Engineer	1.00	158.00	158.00	
Totals	2.25		395.50	
<b>Total Labor</b>				<b>395.50</b>
		<b>Total this Phase</b>		<b>\$395.50</b>
		<b>Total this Invoice</b>		<b>\$1,161.50</b>



HoustonEngineering Inc.

## Project Status and Invoice Description

3712 Lockport Street  
Bismarck, ND 58503  
Phone: 701-323-0200  
Fax: 701-323-0300

**HEI Project No.:** 6025-018: Drainage Complaints  
**BCWRD Account No.** 910 Shared Projects  
**Project Name:** Drainage Complaints

**Billing Period:** *September 24, 2017 through October 21, 2017*

Professional engineering and surveying services related to the evaluation of drainage complaints.

### **Lake Mitchell Overflow Restoration (016)**

- Contacts with the ND State Engineer's Office
- Modification issue at the BCWRD Direction

### **Peterka v. Dettling Complaint (018)**

- Grading completed on by Dettling property
- Reviewed on site, and verified grades
- Compliance letter sent

### **Pavlicek v. Krein Complaint (020)**

- Status update
- Contact with Pavlick regarding hearing
- Hearing date rescheduled

### **Comments:**

- The Peterka complaint has been resolved and completed with compliance letter sent
- Lake Mitchell issue response from ND State Engineer -- Board to direct action to landowner via the contractor to install the band and reducer.

Phase (016) Lake Mitchell	\$ 178.00
Phase (018) Peterka Complaint	\$ 588.00
Phase (020) Pavlicek V. Krein Complaint	\$ 395.50
<b>Total</b>	<b>\$ 1,161.50</b>

See accompanying invoice for personnel cost breakdown.

INVOICE



HoustonEngineering Inc.

Remit to:

1401 21<sup>st</sup> Ave N Fargo, ND 58102

Phone 701 237 5065

Fed Tax ID 45-0314557

Interest of 1%/month applied to past due invoices

Ms. Mona Livdahl  
Burleigh County Water Resource District  
1811 East Thayer Avenue  
Bismarck, ND 58501

November 1, 2017

Invoice No: 0036708

Due Date: December 1, 2017

Project R146025-021 Missouri River Bank Stabilization Issues

BCWRD Account No.: 937I-1

See attached Project Status Report and Invoice Description.

Professional Services from December 25, 2016 to October 21, 2017

Phase 004 COE Section 32 Easement Documentation

Professional Personnel

	Hours	Rate	Amount	
Senior Project Manager	1.25	190.00	237.50	
Totals	1.25		237.50	
<b>Total Labor</b>				<b>237.50</b>
				<b>Total this Phase \$237.50</b>
				<b>Total this Invoice \$237.50</b>



HoustonEngineering Inc.

### Project Status and Invoice Description

3712 Lockport Street  
Bismarck, ND 58503  
Phone: 701-323-0200  
Fax: 701-323-0300

**HEI Project No.:** 6025-021: Missouri River Bank Stabilization  
**BCWRD Account No.** 937I-1  
**Project Name:** Missouri River Bank Stabilization

**Billing Period:** *December 25, 2016 through October 21, 2017*

Professional engineering and surveying services related to Missouri River Bank Stabilization permits and related issues.

**Tasks Completed:**

***Sovereign Lands Permit Application Hyder – Hogue Island***

- Review application notice for comment
- Contact USACE related to Section 408 compliance and Section 404 Permit
- Prepared letter to applicant regarding BCWRD Revetment Easement
  - Submitted to applicant, NDSE and USACE

**Comments and Issues:**

- The applicant will need to secure a floodplain development permit and obtain approval from the BCWRD to proceed with the project. Since the Section 408 compliance is generally a stringent review no action is required, at this time. Future review will be required.

**See accompanying invoice for personnel cost breakdown.**

Phase (004) COE Section 32 Easement Documentation	\$ 237.50
<b>Total</b>	<b>\$ 237.50</b>




**BISMARCK PARKS AND RECREATION**  
400 East Front Avenue  
Bismarck, ND 58504  
701-222-6455  
701-221-6838 (fax)

**INVOICE**

INVOICE NO: 4822  
DATE: 11/3/2017

TO: Mona Livdahl  
BCWRD  
1811 E. Thayer Avenue  
Bismarck, ND 58501

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
	October 2017 McDowell Dam billing		\$ 15,618.91
			
<b>TOTAL DUE:</b>			<b>\$ 15,618.91</b>

Make all checks payable to Bismarck Parks and Recreation.  
If you have any additional questions concerning this invoice, call 222-6455.

**THANK YOU!**

Please return bottom portion with your payment

Mona Livdahl  
BCWRD  
1811 E. Thayer Avenue  
Bismarck, ND 58501

Invoice No. 4822  
Amt. Due \$ 15,618.91

Mail payment to: Bismarck Parks & Recreation, 400 East Front Ave., Bismarck, ND 58504



BURLEIGH COUNTY WATER RESOURCE DISTRICT  
McDowell Dam Monthly Billing

Bismarck Parks & Recreation District  
400 E. Front Ave  
Bismarck, ND 58504

For The Month Ended October 31, 2017

Date Submitted: 11/2/2017

---

Salaries & Wages	\$ 6,948.29
Employer Payroll Taxes	531.54
Employee Pension & Health/Life Benefits	1,355.16
Operating Expenses	3,660.14
Capital Improvement Expenses	<u>-</u>
<b>Total Expenses</b>	<b>\$ 12,495.13</b>
<b>Administrative Fee</b>	
(25% of Operating Expenses)	\$ 3,123.78
(5% of Capital Improvement Expenses)	<u>-</u>
<b>Total Amount Requested</b>	<b>\$ 15,618.91</b>

Megan Pederson *MP*  
Prepared By

\_\_\_\_\_  
Board Member

Accounting Specialist  
title

# McDowell Dam Monthly Billing

October-17

## Salaries & Wages

Salaries - Full time	\$ 3,323.54	
Accrued Sick and Annual Leave Pay	-	
Wages - Part time	3,624.75	
Wages - Part time (Overtime)	-	
Total Salaries & Wages		<u>\$ 6,948.29</u>

## Employer Payroll Taxes

Social Security/Medicare	531.54	
Worker's Compensation - Paid Benefits	-	
Unemployment	-	
Total Employer Payroll Taxes		<u>531.54</u>

## Employee Benefits

Pension	345.65	
Job Service	-	
Health & Life Insurance	1,009.51	
Total Employee Benefits		<u>1,355.16</u>

## Property & Liability Insurance

General Liability	-	
Multi Coverage	-	
Auto Liability	-	
Total Property & Liability Insurance		<u>-</u>

## Operating Expenses

Sanitary Systems	471.00	
Miscellaneous Supplies	35.91	
Fuel	306.49	
Repairs & Replacement	1,722.16	
	<u>2,535.56</u>	

## Utilities

Electricity	397.01	
Garbage Removal	216.18	
Water	257.85	
Telephone	253.54	
Total Utilities	<u>1,124.58</u>	

Total Operating Expenses 3,660.14

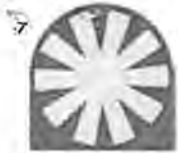
## Capital Improvements

Building and Building Remodeling	-	-
Capital Equipment	-	-
Total Capital Improvements	<u>-</u>	<u>-</u>

Total Expenses \$ 12,495.13



Account	Name					Beginning Balance	Total Activity	Ending Balance
<b>Fund: 01 - GENERAL FUND</b>								
<u>01.12.000.510100</u>	FULL-TIME SALARIES					30,296.15	3,323.54	33,619.69
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/13/2017	PYPKT00133	PYPKT00133 - 2017-10		ROBINSON, DAVID H.:000415 - McDow			1,661.77	31,957.92
10/27/2017	PYPKT00137	PYPKT00137 - 2017-10		ROBINSON, DAVID H.:000415 - McDow			1,661.77	33,619.69
<u>01.12.000.510200</u>	PART-TIME SALARIES					37,392.03	3,624.75	41,016.78
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/13/2017	PYPKT00134	PYPKT00134 - 2017-10		OSHANYK, JAMES L.:000366 - Operation			747.25	38,139.28
10/13/2017	PYPKT00134	PYPKT00134 - 2017-10		JOHNSON, SETH M.:000217 - Operation			885.50	39,024.78
10/27/2017	PYPKT00138	PYPKT00138 - 2017-10		JOHNSON, SETH M.:000217 - Operation			812.00	39,836.78
10/27/2017	PYPKT00138	PYPKT00138 - 2017-10		OSHANYK, JAMES L.:000366 - Operation			198.25	40,035.03
10/27/2017	PYPKT00138	PYPKT00138 - 2017-10		BERG, BURNELL A.:000031 - Operations			981.75	41,016.78
<b>Total Fund: 01 - GENERAL FUND:</b>						<b>Beginning Balance: 67,688.18</b>	<b>Total Activity: 6,948.29</b>	<b>Ending Balance: 74,636.47</b>
<b>Grand Totals:</b>						<b>Beginning Balance: 67,688.18</b>	<b>Total Activity: 6,948.29</b>	<b>Ending Balance: 74,636.47</b>



# Detail Report Account Detail

Date Range: 10/01/2017 - 10/31/2017

Account	Name	Beginning Balance	Total Activity	Ending Balance				
<b>Fund: 01 - GENERAL FUND</b>								
<u>01.12.000.510100</u>	FULL-TIME SALARIES	30,296.15	3,323.54	33,619.69				
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/13/2017	PYPKT00133	PYPKT00133 - 2017-10		ROBINSON, DAVID H.:000415 - McDow			1,661.77	31,957.92
10/27/2017	PYPKT00137	PYPKT00137 - 2017-10		ROBINSON, DAVID H.:000415 - McDow			1,661.77	33,619.69
<u>01.12.000.510200</u>	PART-TIME SALARIES	37,392.03	3,624.75	41,016.78				
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/13/2017	PYPKT00134	PYPKT00134 - 2017-10		OSHANYK, JAMES L.:000366 - Operation			747.25	38,139.28
10/13/2017	PYPKT00134	PYPKT00134 - 2017-10		JOHNSON, SETH M.:000217 - Operation			885.50	39,024.78
10/27/2017	PYPKT00138	PYPKT00138 - 2017-10		JOHNSON, SETH M.:000217 - Operation			812.00	39,836.78
10/27/2017	PYPKT00138	PYPKT00138 - 2017-10		OSHANYK, JAMES L.:000366 - Operation			198.25	40,035.03
10/27/2017	PYPKT00138	PYPKT00138 - 2017-10		BERG, BURNELL A.:000031 - Operations			981.75	41,016.78
<u>01.12.000.520400</u>	SANITARY SYSTEMS	266.00	471.00	737.00				
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/05/2017	APPKT00356	SI-106244	192075	PORTABLE TOILET RENTAL DUE TO WAT	0846 - SPIFFY BIFFS		471.00	737.00
<u>01.12.000.529100</u>	CASH TRANSFER OUT	7,687.95	15,556.12	23,244.07				
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/16/2017	APPKT00372	3RD QTR 2017	192184	MCDOWELL DAM REVENUES 7/1/17 - 9	0162 - BURLEIGH COUNTY WATER RESOUR		15,556.12	23,244.07
<u>01.12.000.530140</u>	MISCELLANEOUS SUPPLIES	1,401.42	35.91	1,437.33				
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/10/2017	APPKT00378	1863040931	DFT0000179	CLEANER, HINGE, FURRING	0948 - US BANK - ONE CARD		35.91	1,437.33
				Purchased From Vendor: 0581 - MENARDS				
<u>01.12.000.531300</u>	FUEL	2,624.82	306.49	2,931.31				
<b>Post Date</b>	<b>Packet Number</b>	<b>Source Transaction</b>	<b>Pmt Number</b>	<b>Description</b>	<b>Vendor</b>	<b>Project Account</b>	<b>Amount</b>	<b>Running Balance</b>
10/04/2017	APPKT00354	FLTS-17-0013	192014	AUGUST 2017 FUEL USAGE	0209 - CITY OF BISMARCK		166.76	2,791.58
10/31/2017	APPKT00387	FLTS-17-0014	192321	FUEL USAGE SEPTEMBER 2017	0209 - CITY OF BISMARCK		139.73	2,931.31

Detail Report

Date Range: 10/01/2017 -10/31/2017

Account	Name	Beginning Balance	Total Activity	Ending Balance
01.12.000.531400	REPAIRS & REPLACEMENT	18,362.70	1,722.16	20,084.86

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/04/2017	APPKT00354	26652	192039	WATER HYDRANT BALLARDS	0482 - JAMES VAULT & PRECAST CO.		240.00	18,602.70
10/04/2017	APPKT00354	296038	192034	SAFE REPAIR	0419 - GUARDIAN LOCK & SAFE CO.		60.00	18,662.70
10/05/2017	APPKT00356	1536-357936	192061	HOSE, FILTER	0682 - O'REILLY AUTO PARTS		4.72	18,667.42
10/05/2017	APPKT00356	1536-361307	192061	OIL	0682 - O'REILLY AUTO PARTS		19.47	18,686.89
10/05/2017	APPKT00356	IA40450	192057	HYDRAULIC FILTER	0661 - NORTHERN PLAINS EQUIPMENT CO.		19.13	18,706.02
10/10/2017	APPKT00378	129886/15577	DFT0000179	SAFE	0948 - US BANK - ONE CARD		100.00	18,806.02
				Purchased From Vendor: 0668 - NORTH DAKOTA SURPLUS PROPERT				
10/10/2017	APPKT00378	158461	DFT0000179	DOLLIES	0948 - US BANK - ONE CARD		53.96	18,859.98
				Purchased From Vendor: 0428 - HARBOR FREIGHT TOOLS				
10/10/2017	APPKT00378	2386	DFT0000179	GREASE	0948 - US BANK - ONE CARD		12.70	18,872.68
				Purchased From Vendor: 0918 - TRI-ENERGY COOPERATIVE				
10/10/2017	APPKT00378	2554	DFT0000179	TIRE REPAIR	0948 - US BANK - ONE CARD		26.00	18,898.68
				Purchased From Vendor: 0918 - TRI-ENERGY COOPERATIVE				
10/10/2017	APPKT00378	32298	DFT0000179	STEEL - CEMENT MIXER	0948 - US BANK - ONE CARD		15.09	18,913.77
				Purchased From Vendor: 0404 - GLENN'S WELDING & TRAILER SUPP				
10/10/2017	APPKT00378	4337722	DFT0000179	HASP	0948 - US BANK - ONE CARD		22.99	18,936.76
				Purchased From Vendor: 0785 - RUNNINGS SUPPLY INC				
10/10/2017	APPKT00378	5217305	DFT0000179	BALLDRIVER SET	0948 - US BANK - ONE CARD		16.66	18,953.42
				Purchased From Vendor: 0012 - ACME TOOLS				
10/10/2017	APPKT00378	56193056413	DFT0000179	SHOWER HEADS, LIGHT BULBS, HOSE E	0948 - US BANK - ONE CARD		34.65	18,988.07
				Purchased From Vendor: 0964 - WALMART COMMUNITY BRC				
10/10/2017	APPKT00378	66679077293	DFT0000179	LANDSCAPE PLASTIC, BUNGEEES, SCREW	0948 - US BANK - ONE CARD		145.00	19,133.07
				Purchased From Vendor: 0581 - MENARDS				
10/10/2017	APPKT00378	990241	DFT0000179	OIL, AIR & HYDRAULIC FILTERS	0948 - US BANK - ONE CARD		115.01	19,248.08
				Purchased From Vendor: 0617 - NAPA AUTO PARTS				
10/10/2017	APPKT00378	992261	DFT0000179	OIL, AIR FILTER, SWEEPER PART	0948 - US BANK - ONE CARD		46.78	19,294.86
				Purchased From Vendor: 0617 - NAPA AUTO PARTS				
10/16/2017	APPKT00372	403000659	192173	RECERTIFY VEHICLE LIFT	0090 - BENCO EQUIPMENT CO.		190.00	19,484.86
10/19/2017	APPKT00376	092817	192252	VACUUM CEILING TILES	0865 - STEAM-PRO AND DYNA-KLEEN, INC.		600.00	20,084.86

Account	Name	Beginning Balance	Total Activity	Ending Balance
01.12.000.540130	ELECTRICITY	3,490.90	397.01	3,887.91

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/16/2017	APPKT00372	100517	192185	SEPTEMBER 2017 BILLING	0175 - CAPITAL ELECTRIC COOPERATIVE		397.01	3,887.91

Detail Report

Date Range: 10/01/2017 - 10/31/2017

Account	Name	Beginning Balance	Total Activity	Ending Balance
<u>01.12.000.540140</u>	GARBAGE	652.10	216.18	868.28

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/10/2017	APPKT00378	83117	DFT0000179	JULY, AUGUST 2017 TRASH COLLECTION	0948 - US BANK - ONE CARD		216.18	868.28
Purchased From Vendor: 0268 - DAKOTA SANITATION, INC.								

<u>01.12.000.540150</u>	WATER	1,952.25	257.85	2,210.10
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Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/05/2017	APPKT00356	092117	192073	AUGUST 2017 BILLING	0837 - SOUTH CENTRAL REGIONAL WATER		257.85	2,210.10

<u>01.12.000.540160</u>	TELEPHONE	887.27	253.54	1,140.81
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Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/10/2017	APPKT00378	80117	DFT0000179	AUGUST PHONE, INTERNET SERVICE	0948 - US BANK - ONE CARD		123.77	1,011.04
Purchased From Vendor: 0087 - BEK COMMUNICATIONS								

10/10/2017	APPKT00378	90117	DFT0000179	SEPTEMBER PHONE, INTERNET SERVICE	0948 - US BANK - ONE CARD		123.77	1,134.81
Purchased From Vendor: 0087 - BEK COMMUNICATIONS								

10/16/2017	APPKT00372	092817	192186	BILLING PERIOD 09/28/17 - 10/27/17	0202 - CENTURYLINK		6.00	1,140.81
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<u>01.12.000.550100</u>	HEALTH INSURANCE	8,613.67	1,009.51	9,623.18
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Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/31/2017	APPKT00387	EINS-17-0087	192321	OCTOBER 2017 HEALTH BENEFITS	0209 - CITY OF BISMARCK		1,009.51	9,623.18

Total Fund: 01 - GENERAL FUND: Beginning Balance: 113,627.26 Total Activity: 27,174.06 Ending Balance: 140,801.32

Grand Totals: Beginning Balance: 113,627.26 Total Activity: 27,174.06 Ending Balance: 140,801.32

### Fund Summary

Fund	Beginning Balance	Total Activity	Ending Balance
01 - GENERAL FUND	113,627.26	27,174.06	140,801.32
<b>Grand Total:</b>	<b>113,627.26</b>	<b>27,174.06</b>	<b>140,801.32</b>

**SPIFFY BIFFS**  
 1414 Continental Ave.  
 Bismarck, ND 58504  
 Phone: (701)-224-0856  
 Fax: (701)-223-9281

# Invoice

BISMARCK PARK/REC DIST  
9/9/2017

Customer Num	Date	PO Number	Invoice Num
2-BISP	9/9/2017	MCDOWELL AFTER	SI-106244

**Bill To:**

BISMARCK PARK/REC DISTRICT  
 400 E. Front Avenue  
 Bismarck, ND 58504

**Additional Inf:**

Sunday Delivery (after hours) / McDowell Dam

Per: David Robinson (226-4955)

Del: 08/13/2017

4 Units to McDowell Dam Near Permanent Restrooms

**Ship Via**

**Terms**

NET 28

**Tax Number**

E-4674

Quantity	Description	Tax	Sales Price	Disc	Total
1	DELIVER (4 UNITS)	Yes	68.00	0%	68.00
1	AFTER HOURS CHARGE (SUNDAY DELIVERY)	Yes	95.00	0%	95.00
4	SPECIAL EVENT UNIT RENTAL	Yes	60.00	0%	240.00
1	PICK-UP	Yes	68.00	0%	68.00

*Finance Charges Will Be Billed On Unpaid Invoices 30 Days Past Due At 1.5% Per Month (Annual Equivalent 18%)*

\* Thank You  
 for using the very best  
 --- SPIFFY BIFFS ---

Subtotal:	471.00
Freight:	0.00
Other:	0.00
Sales Tax:	0.00
Amount:	471.00

**Thank You**



Use Your  2%  
BIG CARD REBATE

**MENARDS®**

**MENARDS - BISMARCK**  
3300 State Street  
Bismarck, ND 58503

KEEP YOUR RECEIPT  
RETURN POLICY VARIES BY PRODUCT TYPE

Unless noted below allowable returns for  
items on this receipt will be in the form  
of an in store credit voucher if the  
return is done after 11/23/17

If you have questions regarding the  
charges on your receipt, please  
email us at:  
BISMfrontend@menards.com



Sale Transaction

Tax Exempt ND0012164  
Church/Non-Profit

1280Z CLR ENHANCED FORML 6471349	19.97* NT
32 OZ HEAVY DUTY SPRAYER 6473012 2 @2.79	5.58 NT
2.5' HINGE (SQ) RM PIN- 2253444	2.66 NT
UNIV OUTDOOR FAUCET HNDL 6851280	3.89 NT
1X3-8 FURRING <i>Srips</i> 1031528 3 @1.27	3.81 NT

TOTAL SALE	35.91
VISA CREDIT 6485	35.91
PO # McDowell	
Auth Code:016411	
Chip Inserted	
a000000003101001	
TC - 1368843650614bba	

TOTAL NUMBER OF ITEMS = 8

THE FOLLOWING REBATE RECEIPTS WERE  
PRINTED FOR THIS TRANSACTION:  
1417

GUEST COPY

The Cardholder acknowledges receipt of  
goods/services in the total amount shown  
hereon and agrees to pay the card issuer  
according to its current terms.

THIS IS YOUR CREDIT CARD SALES SLIP  
PLEASE RETAIN FOR YOUR RECORDS.

**MENARDS IS NOW HIRING**

**APPLY TODAY**

**COPY**



**INVOICE**

City of Bismarck  
 PO Box 5503  
 Bismarck, ND 58506  
 (701) 355-1615

DATE: 09/01/2017  
 DUE DATE: 09/30/2017  
 CUSTOMER NO: 509  
 INVOICE NO: FLTS-2017-00000013  
 DEPARTMENT: 660 Public Works Service  
 Operations

**Billing Inquiries:**  
 Public Works  
 (701)355-1700

PARKS & RECREATION  
 400 E FRONT AVE  
 BISMARCK, ND 58504-5641

Description	Quantity	Unit Price	Total Price
Sale of Fuel-Hwys/Streets	1	\$2,078.9900	\$2,078.99
Sale of Unleaded Fuel-Hwy/St	1	\$3,898.0000	\$3,898.00

Invoice Total: \$5,976.99  
 Prepaid Amount: -\$0.00  
**Balance Due: \$5,976.99**

*Park Ops*      *MeD*      *Sibley*      *AWC*      *Burleigh*  
 $\frac{5,066.02}{166.74}$        $\frac{348.52}{111.77}$        $\frac{283.92}{283.92}$       = 5976.99

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 tear here  
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# City of Bismarck, Public Works

## Simple Invoice By Account For Driver

Date Range From: 8/1/2017 12:00:00 AM To: 8/31/2017 11:59:59 PM

Driver	Driver Name	Vehicle	# of Trans	Avg Price	Total Quantity	Total Amount
Account: 1099		PARKS & REC , MICHAEL JOB, GREG SMITH,				
<b>Product</b>	<b>01</b>	<b>Unleaded</b>				
2522000000001464	PARKS/ DAN S.		4	\$1.929	111.270	\$214.66
2522000000001668	PARKS/ BRAD P. // TOM O.		1	\$1.950	25.990	\$50.68
2522000000002024	PARKS/ RICH H.		4	\$1.932	118.140	\$228.29
2522000000002077	PARKS (AQUATICS CENTER)		2	\$1.950	57.320	\$111.77
2522000000002140	PARKS/ TIM N.		4	\$1.950	108.080	\$210.76
2522000000002179	PARKS/ LYNN M.		4	\$1.950	51.900	\$101.21
2522000000002202	PARKS // DAVE MAYER		2	\$1.950	45.350	\$88.43
2522000000002624	PARKS / SCHMIDT, QUENTIN		4	\$1.936	98.170	\$190.05
2522000000002678	PARKS / HEUPEL GARTH		4	\$1.950	85.170	\$166.08
2522000000002720	PARKS /// ADAM KELLER		3	\$1.950	66.060	\$128.82
2522000000002722	PARKS /// MERKEL RILEY		1	\$1.950	22.320	\$43.52
2522000000002723	PARKS // STEVE P.		2	\$1.950	41.810	\$81.53
2522000000002844	PARKS/// ROBINSON		3	\$1.950	85.520	\$166.76
2522000000003069	PARKS / SCHMITT TONY		4	\$1.950	84.790	\$165.34
2522000000003135	PARKS / BRAD VOLK		1	\$1.950	56.000	\$109.20
2522000000003157	PARKS / MARTHA		1	\$1.950	25.940	\$50.58
2522000000003159	PARKS / 8129		5	\$1.950	114.660	\$223.59
2522000000003214	PARKS / CAPITAL RACQUET		2	\$1.915	32.360	\$61.97
2522000000003245	PARKS // CORY LANG		2	\$1.950	55.360	\$107.95
2522000000003256	BALES, COLIN		2	\$1.950	54.070	\$105.44
2522000000003260	PARKS // CULLEM T.		2	\$1.950	57.010	\$111.17
2522000000003276	PARKS/SHOP		9	\$1.948	112.440	\$219.03
2522000000003277	PARKS/ MIKE ROTH		2	\$1.950	65.020	\$126.79
2522000000003278	PARKS//MILLER, RYAN		3	\$1.950	77.940	\$151.98
2522000000003332	PARKS / STEVE G.		6	\$1.936	133.070	\$257.66
2522000000003414	PARKS / ROD K.		3	\$1.950	70.830	\$138.12
2522000000003425	PARKS / JOEY LAFAVE		2	\$1.950	61.610	\$120.14
2522000000003427	PARKS /// BEVERLY		2	\$1.950	28.900	\$56.36
2522000000003456	PARKS /// SHOP		5	\$1.950	56.470	\$110.12
			<b>Totals for Product:</b>	<b>\$1.946</b>	<b>2003.570</b>	<b>\$3,898.00</b>
<b>Product</b>	<b>05</b>	<b>Diesel</b>				
2522000000001668	PARKS/ BRAD P. // TOM O.		1	\$2.220	10.060	\$22.33
2522000000002624	PARKS / SCHMIDT, QUENTIN		1	\$2.330	4.580	\$10.67
2522000000002678	PARKS / HEUPEL GARTH		1	\$2.330	63.040	\$146.88
2522000000002720	PARKS /// ADAM KELLER		1	\$2.330	69.490	\$161.91
2522000000002723	PARKS // STEVE P.		4	\$2.244	250.450	\$562.05
2522000000003072	PARKS // RYAN S.		10	\$2.255	353.850	\$797.79
2522000000003135	PARKS / BRAD VOLK		1	\$2.220	85.020	\$188.74
2522000000003159	PARKS / 8129		1	\$2.220	22.570	\$50.11
2522000000003278	PARKS//MILLER, RYAN		3	\$2.251	47.260	\$106.36
2522000000003332	PARKS / STEVE G.		2	\$2.215	11.860	\$26.26
2522000000003456	PARKS /// SHOP		1	\$2.210	2.660	\$5.88
			<b>Totals for Product:</b>	<b>\$2.258</b>	<b>920.840</b>	<b>\$2,078.99</b>
			<b>Totals for Account:</b>	<b>\$2.044</b>	<b>2924.410</b>	<b>\$5,976.99</b>

# City of Bismarck, Public Works

## Simple Invoice By Account For Driver

Date Range From: 9/1/2017 12:00:00 AM To: 9/30/2017 11:59:59 PM

Driver	Driver Name	Vehicle	# of Trans	Avg Price	Total Quantity	Total Amount
Account: 1099		PARKS & REC , MICHAEL JOB, GREG SMITH,				
Product 01	Unleaded					
2522000000001464	PARKS/ DAN S.		3	\$2.181	60.970	\$133.00
2522000000002024	PARKS/ RICH H.		3	\$2.165	81.210	\$175.83
2522000000002077	PARKS (AQUATICS CENTER)		1	\$2.230	27.610	\$61.57
2522000000002140	PARKS/ TIM N.		2	\$2.230	51.930	\$115.80
2522000000002179	PARKS/ LYNN M.		5	\$2.159	82.850	\$178.88
2522000000002202	PARKS // DAVE MAYER		1	\$2.130	21.470	\$45.73
2522000000002624	PARKS / SCHMIDT, QUENTIN		3	\$2.162	68.030	\$147.10
2522000000002678	PARKS / HEUPEL GARTH		3	\$2.160	58.730	\$126.88
2522000000002720	PARKS /// ADAM KELLER		2	\$2.178	43.120	\$93.92
2522000000002722	PARKS /// MERKEL RILEY		2	\$2.180	43.380	\$94.57
2522000000002723	PARKS // STEVE P.		2	\$2.093	39.230	\$82.10
2522000000002844	PARKS/// ROBINSON		2	\$2.166	64.520	\$139.73
2522000000003069	PARKS / SCHMITT TONY		3	\$2.105	74.160	\$156.11
2522000000003135	PARKS / BRAD VOLK		2	\$2.130	60.000	\$127.80
2522000000003157	PARKS / MARTHA		1	\$2.230	21.710	\$48.41
2522000000003159	PARKS / 8129		6	\$2.189	141.100	\$308.81
2522000000003256	BALES, COLIN		1	\$2.130	27.710	\$59.02
2522000000003260	PARKS // CULLEM T.		2	\$2.179	61.010	\$132.95
2522000000003276	PARKS/SHOP		3	\$2.164	48.380	\$104.70
2522000000003277	PARKS/ MIKE ROTH		2	\$2.196	60.510	\$132.89
2522000000003278	PARKS//MILLER, RYAN		3	\$2.165	70.900	\$153.52
2522000000003332	PARKS / STEVE G.		5	\$2.171	125.660	\$272.81
2522000000003414	PARKS / ROD K.		2	\$2.180	55.540	\$121.08
2522000000003425	PARKS / JOEY LAFAVE		2	\$2.180	59.400	\$129.51
2522000000003427	PARKS /// BEVERLY		1	\$2.230	13.890	\$30.97
2522000000003456	PARKS /// SHOP		1	\$2.130	28.220	\$60.11
Totals for Product:				\$2.169	1491.240	\$3,233.80
Product 05	Diesel					
2522000000002624	PARKS / SCHMIDT, QUENTIN		4	\$2.577	108.060	\$278.47
2522000000002678	PARKS / HEUPEL GARTH		1	\$2.360	70.000	\$165.20
2522000000002720	PARKS /// ADAM KELLER		2	\$2.477	137.390	\$340.29
2522000000002723	PARKS // STEVE P.		6	\$2.516	113.650	\$285.94
2522000000003072	PARKS // RYAN S.		7	\$2.461	261.530	\$643.61
2522000000003135	PARKS / BRAD VOLK		1	\$2.360	77.000	\$181.72
2522000000003277	PARKS/ MIKE ROTH		3	\$2.555	106.070	\$271.04
2522000000003278	PARKS//MILLER, RYAN		1	\$2.590	15.880	\$41.13
Totals for Product:				\$2.481	889.580	\$2,207.41
Totals for Account:				\$2.285	2380.820	\$5,441.21

COPY







**LOCK & SAFE CO.**

2017 EAST MAIN \* (701) 258-1919  
BISMARCK, ND 58501

# Invoice

Date	Invoice #
9/5/2017	296038

<b>Bill To</b>
Bismarck Parks & Recreation 400 E. Front Ave. Bismarck, ND 58504

P.O. # or Location	Terms	Rep
McDowell Dam	Net 30	JER

GLC - Inv.#
50583

Qty	Item Code	Description	Price Each	Amount
1	Van Service ...	Service Call - looked at safe, no fix needed	60.00	60.00

<b>SIGNATURE:</b>	Tax (0.0%)	\$0.00
	Payments/Credits	\$0.00
<b>PRINTED NAME:</b>	<b>Total</b>	\$60.00
	<b>Balance Due</b>	\$60.00

As a condition of the sales agreement, a monthly service charge of 1.5% will be added to all invoices not paid by net due date. This is an annual percentage rate of 18% - \$5.00 min).





STORE PHONE (701) 251-1755  
 REMIT TO: PO BOX 9464  
 SPRINGFIELD, MO 65801-9464

OFFICE P.O. BOX 1156, SPRINGFIELD, MO. 65801  
 PHONE 1/7662-3333

B L TO 806814 SHIP TO

BISMARCK PARKS AND RECRE  
 400 EAST FRONT AVENUE  
 BISMARCK, ND 58504

INVOICE NUMBER 1536-357936  
 INVOICE TYPE CHARGE SALE  
 INVOICE DATE 07/07/2017

CUSTOMER NO	SPECIAL INSTRUCTIONS	SHIP VIA	CUSTOMER ORDER NO.	TIME OF ORDER	FILLED BY	CHECKED BY						
18610			msdwall	8:30:00								
TR	RC	QTY.	LINE	ITEM NUMBER	UNIT MEAS.	CD.	DESCRIPTION	LIST PRICE	NET PRICE	DISC %	CORE PRICE	EXTENDED PRICE
J		1	GAT	27002	FT		FUEL HOSE	2.86	0.9			0.9
J		1	PRI	7-02357-1	EA		FUEL FILTER	6.42	3.7			3.7
TOTALS 2 CUSTOMER COPY "We appreciate your business"								9.28	4.7			
CASH TEND.								0.00				
CHANGE								0.00				
SUB-TOTAL												4.7
MISC.												0.0
TAX/FEE												0.0
TOTAL												4.7

STREET ADDRESS: 931 SOUTH 9TH STREET, BISMARCK, ND 58504-5100

COPY

4.72



STORE PHONE (701) 251-8755  
 REMIT TO: PO BOX 946  
 SPRINGFIELD, MO 65801-9464

OFFICE P.O. BOX 1156, SPRINGFIELD, MO. 65801  
 PHONE: (417) 862-3333

BILL TO 806814 SHIP TO

BISMARCK PARKS AND RECRE  
 400 EAST FRONT AVENUE  
 BISMARCK, ND 58504

INVOICE NUMBER 1536-361307  
 INVOICE TYPE CHARGE SALE  
 INVOICE DATE 07/24/2017

COPY

CUSTOMER NO.	SPECIAL INSTRUCTIONS	SHIP VIA	CUSTOMER ORDER NO.	TIME OF ORDER	FILLED BY	CHECKED BY						
07213			mcdowell	17:45:00								
TA	RC	QTY.	LINE	ITEM NUMBER	UNIT MEAS.	CD.	DESCRIPTION	LIST PRICE	NET PRICE	DISC %	CORE PRICE	EXTENDED PRICE
		* 1	VAL	HD30	EA		1Qmotoroll	11.00	6.45			6.45
		* 1	VAL	HD30	EA		1Qmotoroll	11.00	6.45			6.45
		* 1	VAL	5-30	EA		1Qmotoroll	11.00	6.45			6.45
* = MANUFACTURER'S DEFECT WARRANTY												
TOTALS		3	CUSTOMER COPY "We appreciate your business"					33.00	19.47	SUB-TOTAL		19.47
CASH TEND.				0.00		MISC.				0.00		
CHANGE				0.00		TAX/FEE'S				0.00		
						TOTAL				19.47		

COPY

STREET ADDRESS: 931 SOUTH 9TH STREET, BISMARCK, ND 58504-5817

**Northern Plains  
Equipment**

★ Mandan, ND

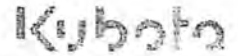
**NORTHERN PLAINS EQUIPMENT CO., INC.**

P.O. Box 804 2933 Twin City Drive Mandan, ND 58554

701.663.9864 - 701.258.6751 - 800.223.2972

www.npend.com

NO RETURNS ON ANY PARTS AFTER 7 DAYS (ALL RETURNS ACCOMPANIED BY INVOICE)



SOLD TO  
A01098 BISMARCK PARKS & REC DIS  
400 E FRONT AVE  
BISMARCK, ND 58504-5641

SHIP TO

Invoice

Sold By: KS PO #: DAVE/400ABELARUS Date 7/24/17 INVOICE IA40450  
Ship By: Tax #: E-4674 11:21:53 PRT: 1

Tax	D	Qty	Description	Price	Amount
			Group: 01 PARTS COUNTER		
3		1	BEL 761000000 FILTER BB014	19.13	19.13

**COPY**

WARRANTY DISCLAIMER: The factory warranty constitutes all of the warranties with respect to the sale of all items. The seller hereby expressly disclaims all warranties either expressed or implied, including any implied warranty of merchantability of fitness for a particular purpose, and the seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of all items.

TERMS: All accounts are due upon receipt of invoice.

NOTE: 30 days after the full amount is due a Service Charge of 1 1/2% per month (which is an Annual Percentage Rate of 18%) will be applied to the past due amount.

PARTS RETURN: Full credit if returned in 10 days. 15% restock charge if returned within 30 days. No return on special orders. All returns must be accompanied by this invoice.

\*\* SUBTOTAL 19.13

X

Charge Sale

Phone: (701) 222-6455

PAY THIS  
AMOUNT



\$19.13



# NORTH DAKOTA SURPLUS PROPERTY

Igoe Industrial Park, Building 12 • 1278 Hemlock St

Mail To: 600 E Boulevard Ave - Dept 15

Bismarck ND 58505-0608

A Division of the Office of Management & Budget/Central Services Division

www.nd.gov/omb/agency/state-surplus-property

Office: 701-328-9665

Warehouse: 701-328-9666

Fax: 701-328-9669

Page 1

Document Number: 129886 / 15577  
BISMARCK PARKS AND RECREATION  
DAVID ROBINSON  
400 EAST FRONT AVENUE

Number: BIS0012

08/29/17

BISMARCK, NORTH DAKOTA 58504  
Phone: (701) 222-6455  
Remarks:

Inventory Number	Description of Property	Qty Unit	Cost	Handling Charge
38-016-0092-38-001	SAFE	1	100.00	100.00

NDSASP Rep: RANDY

Total 100.00

Amount Applied 100.00

Total Due: 0.00

By signing and submitting this lower tier proposal, the prospective lower tier participant, as defined in 41 CFR 105-68, certifies to the best of its knowledge and belief that it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency and where the prospective lower tier participant is unable to certify to any of the above, such prospective participant shall attach an explanation to this proposal.

## THIS IS YOUR STATEMENT

### Remit To

North Dakota Surplus Property  
600 E Boulevard Ave - Dept. 15  
Bismarck, ND 58505-0608

As the authorized agent of the above donee, I accept the property listed above and commit the donee to comply with the terms and conditions printed on the other side of this document.

Signature

Date

# HARBOR FREIGHT TOOLS

Quality Tools at Unusually Low Prices

BISMARCK ND #00620  
2700 STATE ST STE B-1  
BISMARCK, ND 58503  
Telephone: (701) 258-1551

## SALE

Bismarck BISMARCK PARKS AND RECREATION DIS

Customer Number: 888019404876

39757 30IN X 18IN 1000LB WOOD D

2 x \$15.99 \$31.98E

63096 18 X 12-1/4 1000LB WOOD D

2 x \$10.99 *adjustment dollars* \$21.98E

Subtotal \$53.96

Tax Exempt No. E4674

**Total \$53.96**

Visa \$53.96

Card No. XXXXXXXXXXXX6485

Expiration Date XX/XX

Auth. No. 063898

VISA CREDIT

Chip Read

Signature Verified

Mode: Issuer

AID: A000000003101001

TVR: 0000008000

IAD: 06010A03A00002

TSI: F800

APP: 00

**COPY**

Store: 00620 Rev: 01 Tran: 05461

Date: 8/29/2017 3:18:57 PM Assoc: XX/XXX

Ticket: 0158461

Item(s) Sold: 4

Item(s) Returned: 0

JEREMY served you today.  
Thank you for shopping at  
BISMARCK ND #00620

Proof of Purchase Required for Returns/  
Exchanges Within 90 Days of Purchase.

\*\*\*\*\*

**GET MORE COUPONS**

Text TOOLS1 to 222377

for Coupons and Sale Alerts

Up to 4 coupon messages per month via auto

and data rates may apply.

TRI ENERGY COOPERATIVE  
2006 E. Broadway Ave.  
Bismarck, ND 58501  
701-223-8707 / fax: 701-223-3129



Welcome to Tri-Energy  
Cooperative  
store # 20  
Bismarck, ND

INVOICE # 170907005 09/07/17

eng:  
vin#  
PARTS SALE

plate# \*NONE

mileage

Store #20 Thu 09/07/2017  
#1-000000002386 11:08:53 AM  
Associate: Nehl F.

\*TAX EXEMPT\*  
4674

1 SHOP HISC. 12.70 10

Sub-Total 12.70  
Total \$12.70

12.70 Group Total

Visa Fleet 12.70

Dealer #:

Thank you for using Visa Fleet!

Approval : 072708  
Reference: 307250582228955112211  
ACCOUNT : \*\*\*\*\*6485

VEHICLE ;  
ODOMETER ;  
Control#: 0  
ID# :

Menu Data :

VISA CREDIT  
AID A000000003101001  
TC = F1A2538519D3E950  
TVR = 0000008000  
TSI = F800

Thank You!  
Hope to see you again soon!

Tube for Golf cart

COPY

PARTS 12.70  
<< NO TAX >>  
TOTAL WORKORDER 12.70

**WARNING - All Aluminum wheels must be re-torqued after 25 - 50 miles!**

TRI ENERGY COOPERATIVE  
 2006 E. Broadway Ave.  
 Bismarck, ND 58501  
 01-223-8707 / fax: 701-223-3129



Welcome to Tri-Energy  
 Cooperative  
 store # 20  
 Bismarck, ND

RKORDER # 170908005 09/08/17  
 eng: plate#  
 vin#

mileage

C# 226-4955

Store #20 Fri 09/08/2017  
 #1-000000002554 11:15:57 AM  
 Associate: Schily K.

1	SHOP LABOR	24.00	D
1	SHOP SUPPLIES	2.00	D

Sub-Total 26.00  
 Total \$26.00

24.00 Group Total

LABOR 1.00hrs @ 24.00/hr 24.00  
 REPLACE TUBE IN TIRE

Visa Fleet 26.00

Dealer #:

Thank you for using Visa Fleet!

Approval : 001457  
 Reference: 467251585705871FGRC  
 ACCOUNT : \*\*\*\*\*6485

**COPY**

VEHICLE :  
 ODOMETER :  
 Control#: 0  
 ID# :

Item Data :

*Tire Repair*

VISA CREDIT  
 AID 000000003101001  
 TC = 52B988BA3D41D920  
 TVR = 000008800  
 TSI = F800

Thank You!  
 Hope to see you again soon!

LABOR	24.00
SHOP SUPPLIES	2.00
<< NO TAX >>	
<b>TOTAL WORKORDER</b>	<b>26.00</b>

**WARNING - All Aluminum wheels must be re-torqued after 25 - 50 miles!**







701 South Washington  
 Bismarck, ND 58504  
 701-233-9582

PROD ID	QTY	UM	PRICE	TOTAL
HASIP SAFETY 7"				
5680065	1	EA	22.99	22.99 n
SUBTOTAL				22.99
Tax: <i>Hasp</i>				.00
TOTAL				22.99
Visa				22.99

XXXXXXXXXXXXXXXXXXXX6465 (Approved)  
 ROBINS ON/OAVID  
 Authorization #: 0-5493

09/05/17 11:30:02 016 53620189016  
 1670111 BISMARCK PARKS & RECREATION  
 ATE: \*\*ALL EMPLOYEES/PO  
 GOV: E 4054  
 PO NUMBER: mcdowell  
 INVOICE #: 4337722 WSID: RSIWS511  
 64810747-0001-4000-3105-E3D356A5C3E7  
 03100E 2.91.0145 FILE ID: 04

**COPY**

Thanks for choosing Runnings!  
 If you've purchased an item eligible  
 for an e-Rebate, visit [www.runnings.com](http://www.runnings.com).  
 Rebate must be submitted  
 30 days from date of purchase.  
 Text "Runnings" at 71441  
 For more info visit [www.runnings.com](http://www.runnings.com) alerts



Acme Tools Bismarck  
 3840 E Rosser Ave  
 BISMARCK, ND 58501-3314  
 USA  
 Phone: (701) 258-1267 / Fax: (701) 258-1292

**INVOICE**

PAGE	1
INVOICE NO.	5217305
INVOICE DATE	9/12/17

S  
O  
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 31346  
 BISMARCK PARKS & RECREATION  
 400 E FRONT AVE  
 BISMARCK, ND 58504-5641  
 USA

S  
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P  
T  
O  
 Acme Tools - Bismarck  
 3840 E Rosser Ave  
 BISMARCK, ND 58501-3314  
 USA

**COPY**

CUSTOMER PURCHASE ORDER NO.	SHIP VIA	TERMS	DATE SHIPPED	SLMN 1	SLMN 2	ORDER NO
MCDOWELL	Customer Pick Up	Net 30 Days	9/12/17	120	12007	13564751-000

SPECIAL INSTRUCTIONS >

QTY. ORDERED	QTY. SHIPPED	QTY. BACK ORDERED	U/M	ITEM NO./ DESCRIPTION	PRICE	AMOUNT
1.00	1.00	.00	EA	10632 BONDHUS 8pc Balldriver Set 0.0 50-5/32 <i>Hand tool</i>	16.6600	16.66
		9/12/17		Visa XXXXXXXXXXXX6485	16.66	

SUB - TOTAL	HANDLING	TAX	SUB-TOTAL	DEPOSIT	BALANCE DUE	Original Signature
16.66	.00	.00	16.66	16.66	.00	<i>[Signature]</i> Original Signature

See back of receipt for your chance  
to win \$1000

ID #: 7L1UT3JH48R

# Walmart

Save money. Live better.

( 701 ) 223 - 3066  
MANAGER KEVIN ROGERS  
2717 ROCK ISLAND PL  
BISMARCK ND 58504

*Hose  
ends*

ST# 01534	OP# 006667	TE# 90	TR# 06480	
SHUT OFF	000165600262			1.96 0
TEST HANDLE	000165600253			3.93 0
SHUT OFF	000165600262			1.96 0
SHOWERHEAD	003444982508			2.94 0
SHOWERHEAD	003444982508			2.94 0
GV LED BULB	007874220862			20.92 0
	SUBTOTAL			34.65
	TOTAL			34.65
	VISA TEND			34.65

*Light*  
VISA CREDIT \*\*\*\* \* 6485 I I  
APPROVAL # 010449  
REF # 724100879490  
TRANS ID - 467241661910248  
VALIDATION - 4555  
PAYMENT SERVICE - F

**COPY**

ATD A00000000310707  
TC ABB1AF1778L9336  
TERMINAL # SC011335  
\*NO SIGNATURE REQUIRED

08/29/17 13:23:22  
CHANGE DUE 0:00  
# ITEMS SOLD 6  
TCH 4041 7112 5819 3056 413



Low Prices You Can Trust. Every Day.  
08/29/17 13:23:33  
\*\*\*CUSTOMER COPY\*\*\*



# PICKING LIST - GUEST COPY

00 CASHIER - PRESS RECALL TRANS AND SCAN BARCODE ==>

BISM 37191



PAGE 1 OF 1

SOLD BY: ROD F.  
DATE: 09/22/17

GUEST NAME - ADDRESS - PHONE

Ph: ( ) -  
JOB DESC:

MENARDS - BISMARCK  
3300 State Street  
Bismarck, ND 58503

KEEP YOUR RECEIPT  
RETURN POLICY VARIES BY PRODUCT TYPE

Unless noted below allowable returns for items on this receipt will be in the form of an in store credit voucher if the return is done after 12/21/17

If you have questions regarding the charges on your receipt, please email us at:  
BISMfrontend@menards.com



Sale Transaction

Tax Exempt ND0012164  
Church/Non-Profit

4X80 FABRIC BLACK 1.50Z			
2682579	15.98	NT	
14 PC BUNGEE ASST. SIZE			
2359856	8.99	NT	
4-1/2" ROPE CLEAT - SS			
2256124 2 @7.19	14.38	NT	
6X 1/2 PH FL WOOD ZINC			
2330129	3.29	NT	
ORDER	37191		
16" COBBLESTONE SQ 40LB -PICK			
1791210 12 @2.98	35.76	NT	
MANSFIELD II 29LB -PICK			
1794104 30 @2.22	66.60	NT	
END OF ORDER			

*handscapc plastic*

*screws*

**COPY**

	SKU NUMBER
LB SUEDE	179-1210
SIENNA	179-4104

TOTAL SALE 145.00  
VISA CREDIT 6485 145.00  
PO # MCDOWELL  
Auth Code:045526  
Chip Inserted  
a00000003101001  
TC - 1d2cc840eae82edf

TOTAL NUMBER OF ITEMS = 47

THE FOLLOWING REBATE RECEIPTS WERE PRINTED FOR THIS TRANSACTION:  
1457

GUEST COPY

The Cardholder acknowledges receipt of goods/services in the total amount shown hereon and agrees to pay the card issuer according to its current terms.

THIS IS YOUR CREDIT CARD SALES SLIP PLEASE RETAIN FOR YOUR RECORDS.

MENARDS IS NOW HIRING  
APPLY TODAY

**CT NOT BEING AVAILABLE ON A LATER DATE  
P ALL MERCHANDISE TODAY. THANK YOU.**

es a yard picking list subject to the terms and conditions below. Quantities listed above may exceed quantities ecific guest, but instead is available to the buying public on a first come, first serve basis. Please pickup all ick up products on this picking list today will result in additional charge to you if, on the day of pick up, the sed. Menards liability to you is limited to refunding your original purchase price for any product not picked up.

rchandise.  
e. (All vehicles are subject to inspection.)  
s will gladly help you load your materials  
e.)  
Guard. (The Gate Guard will record the

PRE-TAX TOTAL: 102.36

've received the merchandise.  
load, trunk lid, etc. For your convenience, we supply twine, but you will have to decide whether or not your you do not believe the twine will suffice, stronger material can be purchased inside the store.

Y. All returns are subject to Menards' posted return policy. In consideration for Menards low prices you agree ards will agree to exchange the merchandise or refund the purchase price based on the form of original payment. ou. If there is a warranty provided by the manufacturer, that warranty shall govern your rights and Menards shall titute warranties, and are not a part of this contract. The guest agrees to inspect all merchandise prior to installing **MENARDS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.**  
**R IMPLIED, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE**  
f or relating to this contract, or the breach thereof, shall be settled by arbitration administered by the American ommercial Arbitration Rules, and judgments on the award rendered by the arbitrator(s) may be entered in any terms and conditions through purchase of merchandise contained on this document.

**GATE GUARD - SCAN HERE ==>**



NAPA Bismarck 0000250  
 701-223-2681  
 1730 East Main Avenue  
 BISMARCK, ND 58501



STORE

400007250  
 NAPA AUTO PARTS  
 1730 E MAIN AVENUE  
 PO BOX 1275  
 BISMARCK, ND 58501  
 (701) 223-2681

Time: 10:55 Date: 09/07/2017 Page: 1/1

Employee: 3 , JUSTIN  
 Sales Rep: 0 , Salesman  
 Accounting Day: 6

Terminal : GPC00002501  
 Processor ID: CARDNET  
 Client ID: 1611700010001

Sale

09/07/17 10:56:13  
 TRAN ID: 174444

VISA XXXXXXXXXXXXX6485

AUTH: 043717

LP Token: 611033608

Total: \$ 115.01

NO SIGNATURE REQUIRED

Customer Copy

Anticipated Time:  
 Attention:  
 Tax Exemption:  
 PO#: MCDOWELL DAM  
 Terms: NET 10th

COPY

Description	Quantity	Price	Net	Total	
<del>1999 Chevrolet Truck K2500 3/4 ton 4WD - Pickup</del>					
Oil Filter (Gold)	1.00	12.24	5.3900	5.39	R
Air Filter (Gold), Air	1.00	44.86	19.7400	19.74	R
OIL FIL	3.00	14.32	6.3000	18.90	R
HYD FIL	1.00	47.94	21.0900	21.09	R
NAPA QT 10W40	4.00	5.98	4.2900	17.16	
LINCOLN SUPER DUTY	1.00	9.08	6.9900	6.99	
NAPA SAE 5W30	6.00	5.98	4.2900	25.74	

Subtotal 115.01  
 TAXABLE 65 6.5000% 0.00

Total 115.01

Visa 115.01

Customer Signature  
 ALL GOODS RETURNED MUST BE ACCOMPANIED BY THIS INVOICE

I agree to pay total amount  
 according to card issuer agreement.

NO RETURN ON ELECTRICAL  
 OR INSTALLED PARTS...  
 CUSTOMER COPY

Y  
 OCR  
 4000072509902419

990241

Invoice Number



NAPA Bismarck 0000250  
701-223-2681  
1730 East Main Avenue  
BISMARCK, ND 58501

Terminal : GPC00002561  
Processor ID: CARDNET  
Client ID: 1611700010001

Sale

09-14-17 12:44:35  
TRAN ID: 174992

VISA XXXXXXXXXXXX6485

AUTH: 040173

LP Token: 611035608

Total: \$ 46.78

NO SIGNATURE REQUIRED

Customer Copy

Customer Signature

ALL GOODS RETURNED MUST BE ACCOMPANIED BY THIS INVOICE

I agree to pay total amount  
according to card issuer agreement.

NO RETURN ON ELECTRICAL  
OR INSTALLED PARTS...  
CUSTOMER COPY

TS

STORE

400007250  
NAPA AUTO PARTS  
1730 E MAIN AVENUE  
PO BOX 1275  
BISMARCK, ND 58501  
(701) 223-2681

Time: 12:43 Date: 09/14/2017 Page: 1/1

Employee: 3 , JUSTIN  
Sales Rep: 0 , Salesman  
Accounting Day: 13

Anticipated Time:  
Attention:  
Tax Exemption:  
PO#: MCDOWELL DAM  
Terms: NET 10th

COPY

Description	Quantity	Price	Net	Total
<del>0001 Dodge Truck Ram 1500 4x2 Ec...</del>			<del>5.7100</del>	
Oil Filter (Gold)	1.00	12.98	5.7100	5.71
Air Filter (ProSelect),	1.00	6.56	3.8400	3.84
THD LOCK	1.00	21.84	11.4900	11.49
NAPA 10W-30 OIL	6.00	5.98	4.2900	25.74

Swcper

Subtotal 46.78  
TAXABLE 65 6.5000% 0.00

Total 46.78

Visa 46.78

Y

Y

992261

Invoice Number



OCR

4000072509922610



**INVOICE**

BENCO EQUIPMENT - BISMARCK  
4600 RIFLE RANGE DR

BISMARCK, ND 58504  
(701)221-4217

DATE	INVOICE #
9/20/2017	403000659
ORDER DATE	
9/20/2017	
TIME	REF #
02:08 PM	1798
SELLER	ACCT#
036734	40300020
P.O. # DAVID	

Bill To  
MCDOWELL DAM  
1951 93RD ST NE  
BISMARCK, ND 58501

Ship To  
MCDOWELL DAM  
1951 93RD ST NE  
BISMARCK, ND 58501

SLSMN: SALESM

QTY	MFG	PARTNUMBER	DESCRIPTION	CORE	LIST	SELL	EXTENDED	TAX
1	LB7	32	4 POST HOIST INSPECT	0.00	181.82	100.00	100.00	N/N
1	LB7	32	ROLLING JACK INSPECT	0.00	72.73	40.00	40.00	N/N
1	LB7	32	IN TOWN SERVICE CALL	0.00	90.91	50.00	50.00	N/N

LABOR  
190.00

CUSTOMER COPY

GO TO WWW.AUTOVALUECARES.COM  
SHARE YOUR EXPERIENCE AND  
YOU MAY WIN A \$100 GIFT CARD

Signature

Subtotal	0.00
Core	
Tax	0.00
Total	CHRG 190.00
Invoice Payment Type	CHARGE

**INVOICE**

**COPY**







**CAPITALELECTRIC COOPERATIVE, INC.**

4111 STATE STREET • P.O. Box 730 • BISMARCK, ND 58502-0730  
www.capitalelec.com

Your Touchstone Energy® Cooperative   
The power of human connections

Contact us at: (701)223-1513  
8 - 5 CT Mon-Fri (888)223-1513  
Pay By Phone 24/7 (877)853-5928

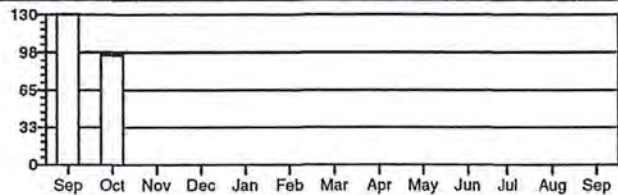
BIS CITY PARK DISTRICT  
PARK & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641

Account Number	868029
Statement Date	10/05/2017
<b>BILLING SUMMARY</b>	
Previous Balance	25.00
Payment Received	25.00 CR
Balance Forward	0.00
Usage Charges	25.00
<b>Amount Due 10/23/17</b>	<b>25.00</b>

**Service Details**

Service Address: 1951 NE 93RD ST Desc: 013 SMALL COMMERCIAL/GENERAL SERV RC 013

<b>Meter Reading Details Meter 68821700</b>			
Current Reading	09/30/17	5,570	
Previous Reading	08/31/17	5,570	
Total Usage (Multiplier: 1)		0	25.00
Days 30			



BIS CITY PARK DISTRICT  
PARK & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641  
(701) 222-6464 Home; (701) 222-6455 Business; (000) 000-0000 Mobile  
Please indicate Change of Billing Address/Phone Number  
Moving? Please call us to transfer or disconnect service  
Capital Electric Cooperative is an equal opportunity provider and employer.

Please Detach Here

Invoice:948	
Account #:	868029
Due Date:	10/23/2017
Amount Due:	25.00





**CAPITAL ELECTRIC COOPERATIVE, INC.**

4111 STATE STREET • P.O. Box 730 • BISMARCK, ND 58502-0730  
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8 - 5 CT Mon-Fri (888)223-1513  
Pay By Phone 24/7 (877)853-5928

BIS CITY PARK DISTRICT  
PARK & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641

Account Number 868001

Statement Date 10/05/2017

**BILLING SUMMARY**

Previous Balance	198.10
Payment Received	198.10 CR
Balance Forward	0.00
Usage Charges	199.11

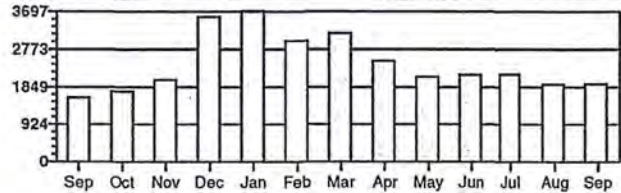
**Amount Due 10/23/17 199.11**

**Service Details**

Service Address: SEC 27SW MCDOWELL HOUSE Desc: 024 GENERAL SERVICE RC 024

**Meter Reading Details Meter 127961546**

Current Reading	09/30/17	60,077	
Previous Reading	08/31/17	58,165	
Total Usage (Multiplier: 1)		1,912	199.11
Days 30			



BIS CITY PARK DISTRICT  
PARK & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641  
(701) 222-6464 Home; (701) 222-6455 Business; (000) 000-0000 Mobile  
Please indicate Change of Billing Address/Phone Number  
Moving? Please call us to transfer or disconnect service  
Capital Electric Cooperative is an equal opportunity provider and employer.

Please Detach Here

Invoice:948

Account #:	868001
Due Date:	10/23/2017
Amount Due:	199.11





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Pay By Phone 24/7 (877)853-5928

BIS CITY PARK DISTRICT  
PARK & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641

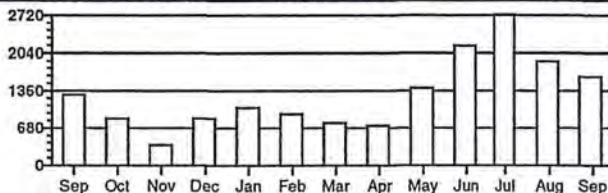
Account Number	868002
Statement Date	10/05/2017

BILLING SUMMARY	
Previous Balance	196.42
Payment Received	196.42 CR
Balance Forward	0.00
Usage Charges	172.90
<b>Amount Due 10/23/17</b>	<b>172.90</b>

**Service Details**

Service Address: SEC 27 MCDOWELL REC AREA Desc: 013 SMALL COMMERCIAL/GENERAL SERV RC 013

**Meter Reading Details Meter 49885392**  
 Current Reading 09/30/17 3,782  
 Previous Reading 08/31/17 3,742  
 Total Usage (Multiplier: 40) 1,600 172.90  
 Days 30



BIS CITY PARK DISTRICT  
PARK & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641  
(701) 222-6464 Home; (701) 222-6455 Business; (000) 000-0000 Mobile  
Please indicate Change of Billing Address/Phone Number  
Moving? Please call us to transfer or disconnect service  
Capital Electric Cooperative is an equal opportunity provider and employer.

Please Detach Here

Invoice:948	
Account #:	868002
Due Date:	10/23/2017
Amount Due:	172.90



# Dakota Sanitation, Inc.

**Customer Information**

ID#: 563200025350  
 BISMARCK PARKS & REC;MCDOWELL DAM  
 400 E FRONT AVE  
 BISMARCK ND 58504-5641

**Hauler Information**

Dakota Sanitation, Inc.  
 P.O. Box 2637  
 Bismarck ND 58502  
 701-258-4679

**COPY**

If you have questions about your bill, or your service please contact Dakota Sanitation, Inc.

**Thu Aug 31, 2017**

**Statement Balance \$216.18**

Service Location: 1951 93RD ST NE, BISMARCK ND 58501  
 DUE TO LABOR DAY, SERVICE WILL  
 BE DELAYED 1 DAY ALL WEEK

Terms: DUE SEP 25TH OR ADD \$9.00

Pay your bill Online at [dakotasanitation.com](http://dakotasanitation.com) Click Here to Pay

For information about your account including balance, payment and charge history go to [dakotasanitation.com](http://dakotasanitation.com) or  
 Click Here

Service Location: 1951 93RD ST NE, BISMARCK ND 58501  
 DUE TO LABOR DAY, SERVICE WILL  
 BE DELAYED 1 DAY ALL WEEK

Date	Description	Amount	Balance
7/31/17	6-YD 1 PER WEEK 07/01-07/31	\$96.75	\$96.75
7/31/17	VARIABLE FUEL FEE 07/01-07/31	\$11.34	\$108.09
8/31/17	6-YD 1 PER WEEK 08/01-08/31	\$96.75	\$204.84
8/31/17	VARIABLE FUEL FEE 08/01-08/31	\$11.34	\$216.18
	<b>Statement Balance Due</b>		<b>\$216.18</b>

up to 30	up to 60	up to 90	Over 90	Total
\$108.09	\$108.09	\$0.00	\$0.00	\$216.18

For questions regarding [TrashBilling.com](http://TrashBilling.com) please go to Contact Us

*pd 8-31-17*



P.O. Box 4182  
 Bismarck, ND 58502-4182  
 (701) 258-8710 • Fax (701) 223-6041  
 Office hours 8:00 AM to 5:00 PM, Mon-Fri  
 Email: scwautoread@bektel.com

Account Number:	05790400-00
Service Address:	MCDOWELL DAM HOUSE
Billing Date:	09/21/2017
Current Charges:	66.25
Past Due Charges:	0.00
Amount Due by 10/10/2017:	66.25
Amount Due After 10/10/2017:	69.25

Check here if you have had a mailing address change and indicate this change on the back of the stub.

\*5 8 5 0 4 5 6 4 1 0 0 2 \*

BISMARCK PARK DISTRICT  
 400 E FRONT AVE  
 BISMARCK ND 58504-5641



776 Web ID

Amount Enclosed: \_\_\_\_\_

PLEASE DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT

Please Make Checks Payable to: SOUTH CENTRAL REGIONAL WATER or SCWD

Account Number:	05790400-00
Service Address:	MCDOWELL DAM HOUSE
Last Payment:	185.55 - 09/11/2017
Billing Date:	09/21/2017

BISMARCK PARK - MCDOWELL DAM  
 400 E FRONT AVE  
 BISMARCK ND 585045641

Current Reading:	09/01/2017	1059800
Previous Reading:	08/01/2017	1055000
Usage:		4800

**Important Messages**

WOULD YOU LIKE TO PAY YOUR BILL BY CREDIT CARD? SCWD NOW HAS TWO OPTIONS FOR CREDIT CARD PAY. CALL 855-768-4825 AND FOLLOW THE PROMPTS OR VISIT [HTTPS://SOUTHCENTRALBILLINGDOC.NET](https://southcentralbillingdoc.net) YOU WILL NEED YOUR WEB ID FROM YOUR BILLING STUB TO COMPLETE THE TRANSACTION.

THE VENDOR THAT PROCESSES OUR ONLINE PAYMENTS CHARGES A CONVENIENCE FEE IN ORDER TO PROCESS THEM

IF YOU DO ONLINE BILL PAY THROUGH YOUR BANK, PLEASE USE WEB ID AS YOUR ACCOUNT NUMBER

IF PAYMENTS ARE POST MARKED BY THE US POST OFFICE BY OCTOBER 10TH OR EARLIER YOU WILL NOT GET A LATE FEE

TO SET UP AUTO-PAY FROM CHECKING OR SAVINGS PLEASE CALL THE OFFICE AT (701) 258-8710.

AS A REMINDER THIS BILL IS FOR AUGUST USAGE

Service	Current	Past-Due	Balance
MONTHLY MINIMUM	34.00	0.00	34.00
WATER COST	32.25	0.00	32.25
<b>Totals:</b>	<b>66.25</b>	<b>0.00</b>	<b>66.25</b>
<b>DUE DATE</b>			<b>10/10/2017</b>

THANK YOU FOR YOUR PREVIOUS PAYMENT

USAGE HISTORY IN GALLONS

SEP 2016	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	SEP 2017
7500	6200	4100	3800	3900	3700	3900	4100	5100	12600	23700	24600	4800
H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD

PLEASE KEEP THIS PORTION FOR YOUR RECORDS  
 SOUTH CENTRAL REGIONAL WATER DISTRICT  
 (701) 258-8710





P.O. Box 4182  
 Bismarck, ND 58502-4182  
 (701) 258-8710 • Fax (701) 223-6041  
 Office hours 8:00 AM to 5:00 PM, Mon-Fri  
 Email: scwautoread@bektel.com

Account Number:	05791540-00
Service Address:	MCDOWELL DAM PARK
Billing Date:	09/21/2017
Current Charges:	191.60
Past Due Charges:	0.00
Amount Due by 10/10/2017:	191.60
Amount Due After 10/10/2017:	194.60

Check here if you have had a mailing address change and indicate this change on the back of the stub.

\*5 8 5 0 4 5 6 4 1 0 0 2 \*

BISMARCK PARK DISTRICT  
 400 E FRONT AVE  
 BISMARCK ND 58504-5641



883 Web ID

Amount Enclosed: \_\_\_\_\_

PLEASE DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT

Please Make Checks Payable to: SOUTH CENTRAL REGIONAL WATER or SCWD

Account Number:	05791540-00
Service Address:	MCDOWELL DAM PARK
Last Payment:	201.50 - 09/11/2017
Billing Date:	09/21/2017

BISMARCK PARK - MCDOWELL DAM 400 E FRONT AVE BISMARCK ND 585045641
--

Current Reading:	09/01/2017	1052500
Previous Reading:	08/01/2017	1026800
Usage:		25700

**Important Messages**

WOULD YOU LIKE TO PAY YOUR BILL BY CREDIT CARD? SCWD NOW HAS TWO OPTIONS FOR CREDIT CARD PAY. CALL 855-768-4825 AND FOLLOW THE PROMPTS OR VISIT [HTTPS://SOUTHCENTRALBILLINGDOC.NET](https://southcentralbillingdoc.net) YOU WILL NEED YOUR WEB ID FROM YOUR BILLING STUB TO COMPLETE THE TRANSACTION.

THE VENDOR THAT PROCESSES OUR ONLINE PAYMENTS CHARGES A CONVENIENCE FEE IN ORDER TO PROCESS THEM

IF YOU DO ONLINE BILL PAY THROUGH YOUR BANK, PLEASE USE WEB ID AS YOUR ACCOUNT NUMBER

IF PAYMENTS ARE POST MARKED BY THE US POST OFFICE BY OCTOBER 10TH OR EARLIER YOU WILL NOT GET A LATE FEE

TO SET UP AUTO-PAY FROM CHECKING OR SAVINGS PLEASE CALL THE OFFICE AT (701) 258-8710.

AS A REMINDER THIS BILL IS FOR AUGUST USAGE

Service	Current	Past-Due	Balance
MONTHLY MINIMUM	34.00	0.00	34.00
WATER COST	157.60	0.00	157.60
<b>Totals:</b>	<b>191.60</b>	<b>0.00</b>	<b>191.60</b>
<b>DUE DATE</b>			<b>10/10/2017</b>

THANK YOU FOR YOUR PREVIOUS PAYMENT

USAGE HISTORY IN GALLONS

SEP 2016	OCT 2016	NOV 2016	DEC 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	SEP 2017
54400	54200	23200	0	100	0	0	100	100	58900	66200	27500	25700
H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD	H-HELD



PLEASE KEEP THIS PORTION FOR YOUR RECORDS  
 SOUTH CENTRAL REGIONAL WATER DISTRICT  
 (701) 258-8710





**BILL AT A GLANCE 08/01/2017**  
BISMARCK PARKS & REC

BALANCE FROM LAST BILLING		123.77
Phone Payments	07-25	123.77CR
Previous Balance Due		.00

**SUMMARY BY SERVICE TYPE**

BUS BASIC	67.52
TELEPHONE SERVICES	2.17
MANDATED FEES	3.08
INTERNET SERVICES	51.00
INTERNET SERVICES	.00

**CURRENT BILLING AMOUNT** 123.77

**Total Due: Please Pay This Amount** 123.77

8/27/17

Previous Bill	Payments/Adj	Current Billing	Total Due
\$123.77	\$123.77CR	\$123.77	\$123.77

**MESSAGE CENTER**

Billing Inquiries Call: 1(888)475-2361

Payments received after 07-31 have not been applied to this statement.

To pay by credit card using BEK's Pay-by-Phone System, please call 1-844-252-5273 toll-free. Have your credit card and BEK account number ready.

The CURRENT AMOUNT of your BEK payment is due by the 20th day of each month. If you have an unpaid balance, it will be applied to your next statement plus a \$20 late fee. PAST DUE accounts are subject to disconnection on AUGUST 10, 2017 unless payment or arrangements have been made. If your services are disconnected for nonpayment, you will be required to pay all past due balances including reconnect charges.

Payment of this invoice constitutes acceptance of the Terms and Conditions of BEK Communications services. These Terms and Conditions should be reviewed periodically as they will change from time to time and can be found at [www.bektel.com](http://www.bektel.com) or by request at 1-888-475-2361.

BEK Broadcasting Network The broadcast schedule is available online at [www.bektel.com/bbn](http://www.bektel.com/bbn) hover over the channel icon to display the complete channel assignment. BEK Broadcasting Network is also available nationally with the BEKNow application on your ROKU streaming device. Visit [www.beknow.tv](http://www.beknow.tv) to learn more.

**COPY**

Please return lower portion with your payment...retain upper portion for your records.  
Please do not attach payment to the stub.



08/01/2017

BISMARCK PARKS & REC  
ACCOUNT NO: 1205800 BS  
Telephone No.: (701)223-7016

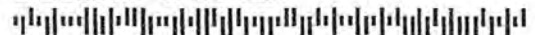
Payment Due	Total Due
08/20/2017	\$123.77

Enter Amount Paid
-------------------

6493 1 AV 0.370  
BISMARCK PARKS & REC  
400 E FRONT AVE  
BISMARCK ND 58504-5641

4 6493  
C-23 P-26

BEK COMMUNICATIONS  
200 EAST BROADWAY  
PO BOX 230  
STEELE ND 58482-0230



Mailing Address Change on Back

3652900000120580070122370160000123772



**BILL AT A GLANCE 09/01/2017**  
**BISMARCK PARKS & REC**

BALANCE FROM LAST BILLING 123.77  
 Phone Payments 08-28 123.77CR  
 Previous Balance Due .00

**SUMMARY BY SERVICE TYPE**

BUS BASIC 67.52  
 TELEPHONE SERVICES 2.17  
 MANDATED FEES 3.08  
 INTERNET SERVICES 51.00  
 INTERNET SERVICES .00  
**CURRENT BILLING AMOUNT 123.77**  
 Credit Card Payment – Do Not Pay 123.77

*9/5/17*

**COPY**

Previous Bill	Payments/Adj	Current Billing	Total Due
\$123.77	\$123.77CR	\$123.77	\$123.77

**MESSAGE CENTER**

Billing Inquiries Call: 1(888)475-2361

Payments received after 08-31 have not been applied to this statement.

To pay by credit card using BEK's Pay-by-Phone System, please call 1-844-252-5273 toll-free. Have your credit card and BEK account number ready.

The CURRENT AMOUNT of your BEK payment is due by the 20th day of each month. If you have an unpaid balance, it will be applied to your next statement plus a \$20 late fee. PAST DUE accounts are subject to disconnection on SEPTEMBER 13, 2017 unless payment or arrangements have been made. If your services are disconnected for nonpayment, you will be required to pay all past due balances including reconnect charges.

Payment of this invoice constitutes acceptance of the Terms and Conditions of BEK Communications services. These Terms and Conditions should be reviewed periodically as they will change from time to time and can be found at [www.bektel.com](http://www.bektel.com) or by request at 1-888-475-2361.

Federal Universal Service Charge (FUSC): The purpose of this charge is to help keep rates affordable for all customers, regardless of where they live in the U.S. as well as to assist schools, libraries and rural healthcare providers obtain leading edge telecommunications services. The Federal Communications Commission (FCC) reviews the FUSC factor each quarter. This rate may increase or decrease and will not be determined until later in the month. If there is a change, the new FUSC rate will be implemented on your next billing statement.

BEK Broadcasting Network The broadcast schedule is available online at [www.bektel.com/bbn](http://www.bektel.com/bbn) hover over the channel icon to display the complete channel assignment. BEK Broadcasting Network is also available nationally with the BEKNow (Continued on subsequent pages)

Please return lower portion with your payment...retain upper portion for your records.

Please do not attach payment to the stub.



09/01/2017

BISMARCK PARKS & REC  
 ACCOUNT NO: 1205800 BS  
 Telephone No.: (701)223-7016

Payment Due	Total Due
Invoiced	\$123.77

Enter Amount Paid
Credit Card

6231 1 AV 0.370  
 BISMARCK PARKS & REC  
 400 E FRONT AVE  
 BISMARCK ND 58504-5641

4 6231  
 C-21 P-24

BEK COMMUNICATIONS  
 200 EAST BROADWAY  
 PO BOX 230  
 STEELE ND 58482-0230



Mailing Address Change on Back

3652900000120580070122370160000123772




Century Link Monthly Billing

Vendor No. 202

Bill Date: 9/28/2017

1	01.04.000.540160	861.22
2	01.05.100.540160	302.34
3	01.05.110.540160	190.24
4	01.05.120.540160	100.04
5	01.06.200.540160	34.32
6	01.06.210.540160	6.75
7	01.06.220.540160	6.75
8	01.06.300.540160	403.40
9	01.06.310.540160	72.02
11	01.09.000.540160	55.13
12	01.12.000.540160	6.00
13	01.15.000.540160	94.32
14	01.16.000.540160	305.07
15	01.17.000.540160	119.79 <sup>80</sup>
<b>TOTAL</b>		<u><u>2,557.40</u></u>

  
\_\_\_\_\_  
Authorized by

0070784