

**City of Grant
City Council Agenda
November 4, 2019**

The regular monthly meeting of the Grant City Council will be called to order at 7:00 o'clock p.m. on Tuesday, November 4, 2019, in the Grant Town Hall, 8380 Kimbro Ave. for the purpose of conducting the business hereafter listed, and all accepted additions thereto.

1. CALL TO ORDER

PUBLIC INPUT

Citizen Comments – Individuals may address the City Council about any item not included on the regular agenda. The Mayor will recognize speakers to come to the podium. Speakers will state their name and address and limit their remarks to two (2) minutes with five (5) speakers maximum. Generally, the City Council will not take any official action on items discussed at this time, but may typically refer the matter to staff for a future report or direct that the matter be scheduled on an upcoming agenda.

- (1) _____
- (2) _____
- (3) _____
- (4) _____
- (5) _____

2. PLEDGE OF ALLEGIANCE

3. APPROVAL OF REGULAR AGENDA

4. APPROVAL OF CONSENT AGENDA

- A. October 2019 Bill List, \$54,463.61**
- B. Kline Bros Excavating, Road Work, \$35,745.00**
- C. Resolution No. 2019-19, Designating Precinct Polling Location for the 2020 Elections**

D. Agreement for Election Services, Washington County

5. STAFF AGENDA ITEMS

A. City Engineer, Brad Reifsteck

- i. PUBLIC HEARING, Consideration of Resolution No. 2019-18, Ordering the Improvements for the 2019 Street Improvement Project**

B. City Planner, Jennifer Haskamp

- i. PUBLIC HEARING, Consideration of Resolution No. 2019-20, Variance Request for Septic, 6764 Manning Avenue North**

C. City Attorney, Dave Snyder (no action items)

6. NEW BUSINESS

A. Consideration of October 1, 2019 City Council Meeting Minutes (Council Member Carr Abstain)

B. Consideration of Resolution No. 2019- 21, Accepting Resignation and Declaring a Vacancy

7. UNFINISHED BUSINESS

8. DISCUSSION ITEMS (no action taken)

A. Staff Updates (updates from Staff, no action taken)

B. City Council Reports/Future Agenda Items (no action taken)

9. COMMUNITY CALENDAR, NOVEMBER 5 THROUGH NOVEMBER 30, 2019:

City Office Closed, Monday, November 11th, Veterans Day Holiday

Mahtomedi Public Schools Board Meeting, Thursday, November 14th, Mahtomedi District Education Center, 7:00 p.m.

Stillwater Public Schools Board Meeting, Thursday, November 14th, Stillwater City Hall, 7:00 p.m.

Washington County Commissioners Meeting, Tuesdays, Government Center, 9:00 a.m.

City Office Closed, Thursday and Friday, November 28th and 29th, Thanksgiving Holiday

10. ADJOURNMENT

Fund Name: All Funds

Date Range: 10/02/2019 To 10/28/2019

<u>Date</u>	<u>Vendor</u>	<u>Check #</u>	<u>Description</u>	<u>Void</u>	<u>Account Name</u>	<u>F-A-O-P</u>	<u>Total</u>
10/28/2019	Waste Management	141200	Recycling	N	Recycling	100-43011-384-	\$ 4,867.52
	Total For Check	141200					\$ 4,867.52
10/28/2019	Todd Smith	141201	Monthly Assessment Services - October	N	Property Assessor	100-41208-300-	\$ 1,991.92
	Total For Check	141201					\$ 1,991.92
10/28/2019	Lisa Senopole	141202	Video Tech	N	Cable Costs	100-41212-100-	\$ 180.00
	Total For Check	141202					\$ 180.00
10/28/2019	KEJ Enterprises	141203	Oct 2019 Road Contractor	N	Animal Control	100-42006-300-	\$ 83.00
		141203			Town Hall Mowing	100-43006-300-	\$ 125.00
		141203			Ball Field Maintenance	100-43009-300-	\$ 125.00
		141203			Road Engineering Fees	100-43102-300-	\$ 166.14
		141203			Road Garbage Removal	100-43105-300-	\$ 167.00
		141203			Gravel Road Costs	100-43106-300-	\$ 20.84
		141203			Magnesium Chloride	100-43107-300-	\$ 41.67
		141203			Road Sign Replacement	100-43110-300-	\$ 83.84
		141203			Culvert Repair	100-43111-300-	\$ 20.84
		141203			Snow & Ice Removal	100-43113-300-	\$ 5,416.67
		141203			Road Brushing	100-43114-300-	\$ 2,250.00
		141203			Road Side Mowing	100-43115-300-	\$ 500.00
	Total For Check	141203					\$ 9,000.00
10/28/2019	Sprint	141204	City Cell Phone	N	Road Expenses - Other	100-43116-321-	\$ 32.13
	Total For Check	141204					\$ 32.13
10/28/2019	WSB & Associates	141205	Engineering - August	N	Utility/ROW Permits	100-43132-300-	\$ 465.00
		141205			Escrow	922-49320-300-	\$ 482.00
	Total For Check	141205					\$ 947.00
10/28/2019	Press Publications	141206	Publishing Variance/Road Project	N	Publishing Costs	100-41308-351-	\$ 98.54
		141206			Escrow	964-49320-351-	\$ 27.38
	Total For Check	141206					\$ 125.92
10/28/2019	Johnson Turner Legal	141207	Sept Billing	N	Legal Fees - General	100-41204-301-	\$ 476.50
		141207			Legal Fees - Prosecutions	100-41206-301-	\$ 1,800.00
	Total For Check	141207					\$ 2,276.50

Fund Name: All Funds

Date Range: 10/02/2019 To 10/28/2019

<u>Date</u>	<u>Vendor</u>	<u>Check #</u>	<u>Description</u>	<u>Void</u>	<u>Account Name</u>	<u>F-A-O-P</u>	<u>Total</u>
10/28/2019	Kline Bros Excavating	141208	Road Maintenance	N	Grader Contractor	100-43101-301-	\$ 5,820.00
		141208			Gravel Road Costs	100-43106-301-	\$ 1,750.00
		141208			Culvert Repair	100-43111-301-	\$ 3,655.00
		141208			Special Road Projects	100-43128-301-	\$ 24,520.00
		141208					\$ 35,745.00
10/28/2019	SHC, LLC	141209	Planning	N	City Planner	100-41209-301-	\$ 833.25
		141209			Pre-App	100-41319-301-	\$ 900.00
		141209			Escrow	962-49320-301-	\$ 285.75
		141209				964-49320-301-	\$ 769.50
		141209					\$ 2,788.50
10/28/2019	WSB & Associates	141210	Engineering - September	N	Engineering Fees - General	100-41203-301-	\$ 54.50
		141210			Road Engineering Fees	100-43102-301-	\$ 3,782.00
		141210			MS4	100-43118-301-	\$ 287.00
		141210			Utility/ROW Permits	100-43132-301-	\$ 651.00
		141210			Grading Permit	100-43135-301-	\$ 729.00
		141210			Escrow	955-49320-301-	\$ 4,755.00
		141210					\$ 10,258.50
10/28/2019	PERA	141211	PERA	N	Clerk PERA	100-41102-120-	\$ 388.07
		141211			Clerk PERA Withholding	100-41108-100-	\$ 336.33
		141211					\$ 724.40
10/28/2019	Payroll Period Ending 10/31/2019	14189	Oct2019	N	Clerk Salary	100-41101-100-	\$ 3,845.86
		14189					\$ 3,845.86
10/28/2019	Xcel Energy	14190	Utilities	N	Town Hall Electricity	100-43004-381-	\$ 58.72
		14190			Well House Electricity	100-43010-381-	\$ 195.87
		14190			Street Lights	100-43117-381-	\$ 44.54
		14190					\$ 299.13
10/28/2019	League of MN Cities Insurance Trust	14191	Insurance Premium - Property/Casualty	N	Insurance	100-41302-361-	\$ 8,650.00
		14191					\$ 8,650.00
10/28/2019	Wells Fargo Business Card	14192	Notary Stamp	N	Office Equipment	100-41314-320-	\$ 40.79
		14192					\$ 40.79
10/28/2019	Croix Valley Inspector	14193	Building Inspector	N	Building Inspection	100-42004-300-	\$ 2,038.02
		14193					\$ 2,038.02

Fund Name: All Funds

Date Range: 10/02/2019 To 10/28/2019

<u>Date</u>	<u>Vendor</u>	<u>Check #</u>
10/28/2019	Hisdahl Inc.	14194
Total For Check		14194

10/28/2019	AirFresh Industries	14195
Total For Check		14195

10/28/2019	MN Department of Labor & Industry	14196
Total For Check		14196

10/28/2019	City of Willernie	14197
Total For Check		14197

10/28/2019	Washington Conservation District	14198
Total For Check		14198

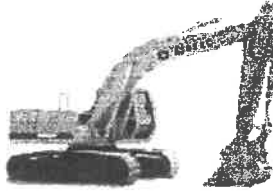
10/28/2019	CenturyLink	14199
Total For Check		14199

10/28/2019	IRS	EFT120
		EFT120
		EFT120
		EFT120
Total For Check		EFT120

Total For Selected Checks

<u>Description</u>	<u>Void</u>	<u>Account Name</u>	<u>F-A-O-P</u>	<u>Total</u>
Council Plaque	N	Office Supplies	100-41313-200-	\$ 54.00
Total For Check				\$ 54.00
PortaPot #36605	N	Town Hall Porta Pot	100-43007-210-	\$ 125.00
Total For Check				\$ 125.00
3rd Quarter Building Permit Surcharge	N	Building Permit Surcharge	100-42005-210-	\$ 2,001.45
Total For Check				\$ 2,001.45
Jan-June 2019 Rent	N	Rental City Office	909-41316-210-	\$ 2,724.52
Total For Check				\$ 2,724.52
3rd Quarter Billing	N	MS4	100-43118-301-	\$ 175.00
Total For Check				\$ 175.00
City Phone	N	City Office Telephone	100-41309-321-	\$ 137.57
Total For Check				\$ 137.57
Payroll Taxes	N	Clerk FICA/Medicare	100-41103-100-	\$ 395.83
		Clerk Medicare	100-41105-100-	\$ 75.03
		Federal Withholding	100-41107-100-	\$ 388.22
		Social Security Expens	100-41109-100-	\$ 320.80
Total For Check				\$ 1,179.88
Total For Selected Checks				\$ 90,208.61

KLINE BROS EXCAVATING
 8996 1 10th St N
 STILLWATER, MN 55082



Invoice

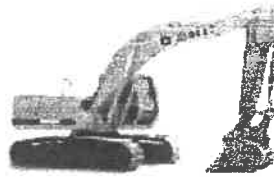
DATE	INVOICE #
10/27/19	2539

BILL TO	JOB ADDRESS
CITY OF GRANT 111 WILDWOOD RD WILLERNIE, MN 55090	ROAD GRAVEL 100-43106

DUE DATE
11/6/19

DESCRIPTION	QTY	UNIT COST	AMOUNT
10-23-19 LOADS OF RC-5 HAULED TO 83RD ST N AT FAR END	10	75.00	750.00
10-24-19 LOADS OF RC-5 HAULED TO LANSING AVE N	9	75.00	675.00
10-24-19 LOADS OF RC-5 HAULED TO 83RD ST N	2	75.00	150.00
10-11-19 FILL POTHOLES AND DIP IN ROAD WITH MILLINGS ON JODY WHERE CULVERT IS FAILING NORTH OF 101ST ST			175.00
AMTS PAST 30 DAYS WILL BE SUBJECT TO A 1 1/2% MONTHLY SERV CHARGE	Total		1,750.00

KLINE BROS EXCAVATING
 8996 110th St N
 STILLWATER, MN 55082



Invoice

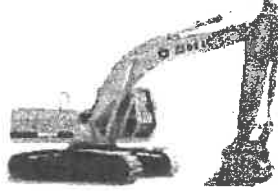
DATE	INVOICE #
10/27/19	2537

BILL TO	JOB ADDRESS
CITY OF GRANT 111 WILDWOOD RD WILLERNIE, MN 55090	ROAD GRADING 100-43101

DUE DATE
11/6/19

DESCRIPTION	QTY	UNIT COST	AMOUNT
10-03-19 770B	6	80.00	480.00
10-03-19 740A	5	80.00	400.00
10-04-19 770B	6.5	80.00	520.00
10-04-19 740A	6	80.00	480.00
10-09-19 770B	3.5	80.00	280.00
10-14-19 770B	3.5	80.00	280.00
10-19-19 770B	3	80.00	240.00
10-20-19 770B	6.5	80.00	520.00
10-23-19 770B	8	80.00	640.00
10-23-19 740A	8	80.00	640.00
10-24-19 770B	8	80.00	640.00
10-24-19 740A	8.75	80.00	700.00
AMTS PAST 30 DAYS WILL BE SUBJECT TO A 1 1/2% MONTHLY SERV CHARGE			Total 5,820.00

KLINE BROS EXCAVATING
 8996 110th St N
 STILLWATER, MN 55082



Invoice

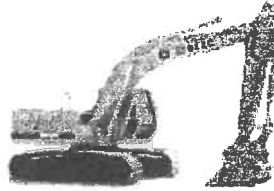
DATE	INVOICE #
10/27/19	2538

BILL TO	JOB ADDRESS
CITY OF GRANT 111 WILDWOOD RD WILLERNIE, MN 55090	CULVERT WORK 100-43108

DUE DATE
11/6/19

DESCRIPTION	QTY	UNIT COST	AMOUNT
10-07-19 INSTALL CULVERT ON DRIVEWAY AT 9145 62ND ST N WITH WATER PROBLEMS			1,200.00
10-07-19 HOME OWNERS SHARE FOR CULVERT AND APRONS			500.00
10-07, 08 & 09-19 REPLACE CULVERT ON 62ND ST N. NO OTHER ACCESS, HAD TO INSTALL 1/2 OF THE CULVERT AND MAKE BYPASS AND THEN DO SAME THING ON OTHER SIDE.			3,675.00
10-09-19 55' X 18" HDPE CULVERT WITH APRONS			1,200.00
10-09-19 DIG OUT DITCH TO FLOW (YEARS OF BUILD UP, WATER DID NOT FLOW TO INLET AND PARTIALLY BLOCKED ON OUTLET			700.00
10-09-19 HAUL OUT 5 LOADS FILL	5	125.00	625.00
10-09-19 LOADS OF SAND HAULED IN FOR BEDDING CULVERT, POOR SOIL	4	125.00	500.00
10-09-19 LOADS OF RC-5 HAULED	1	175.00	175.00
10-09-19 INSTALL 200 YARDS OF EROSION FABRIC FOR CULVERT INLET AND OUTLET AND SEED (FINISHED YARDS)			675.00
10-18&19-19 INSTALL 15" X 42' HDPE CULVERT WITH APRONS ON LANSING SOUTH OF 9760 DRIVEWAY			3,900.00
10-27-19 CULVERT CREDIT			-9,495.00
AMTS PAST 30 DAYS WILL BE SUBJECT TO A 1 1/2% MONTHLY SERV CHARGE	Total		3,655.00

KLINE BROS EXCAVATING
 8996 110th St N
 STILLWATER, MN 55082



Invoice

DATE	INVOICE #
10/27/19	2540

BILL TO	JOB ADDRESS
CITY OF GRANT 111 WILDWOOD RD WILLERNIE, MN 55090	SPECIAL ROAD PROJECTS 100-43128

DUE DATE
11/6/19

DESCRIPTION	QTY	UNIT COST	AMOUNT
FROST BOIL WORK ON LANSING AVE BETWEEN 9653 AND 9760 10-14-19-19 STRIP C-5 OFF, DIG OUT POOR SOIL & HAUL AWAY, INSTALL ROAD STABILIZATION FABRIC, FILL IN WITH 2' SAND, RESPREAD C-5	4.3	5,150.00	0.00 22,145.00
LOADS OF ADDITIONAL SAND NEEDED	15	125.00	1,875.00
INSTALL DRAINTILE AT BOTTOM OF SAND AND EXIT EAST SIDE OF CULVERT	500	1.00	500.00
AMTS PAST 30 DAYS WILL BE SUBJECT TO A 1 1/2% MONTHLY SERV CHARGE	Total		24,520.00

RESOLUTION 2019-19

A RESOLUTION DESIGNATING PRECINCT POLLING LOCATIONS FOR THE 2020 ELECTIONS IN THE CITY OF GRANT, WASHINGTON COUNTY, MINNESOTA

WHEREAS, there was a change made during the 2017 legislative session to State Statute 204.16 which discusses polling place designations; and,

WHEREAS, state law now requires municipalities to designate precinct polling places for all elections for the year by December 31 of the prior year; and,

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Grant hereby designates precinct polling location for 2020 as follows:

Precinct 1 – Woodbury Lutheran - Oak Hill Campus
9050 60th Street N
Stillwater, MN 55082

ADOPTED by the Grant City Council this 4th day of November, 2019.

Jeff Huber, Mayor

ATTEST:

City Clerk

AGREEMENT FOR ELECTION SERVICES

THIS AGREEMENT, made and entered into this ____ day of _____, 2019 by and between the City of Grant, a Minnesota municipal corporation, herein referred to as the "City", and Washington County, a body politic and corporate, herein referred to as "County" pursuant to the authority contained in Minnesota Statutes 471.59, which authorizes the joint and cooperative exercise of powers common to contracting parties by agreement.

WITNESS:

WHEREAS, the County has certain election-related duties imposed upon it under Minnesota election law and other relevant state and federal laws; and

WHEREAS, the City has certain election related duties imposed upon it under Minnesota election law and other relevant state and federal laws; and

WHEREAS, the City and County agree that efficiencies and economies of scale make it desirable for the County to assume some of the City's election related responsibilities; and

WHEREAS, MINN. STAT. § 471.59 authorizes local governmental units to enter into joint powers agreements with other governmental units to perform on behalf of that unit any service or function which that government would be authorized to provide for itself.

NOW, THEREFORE, pursuant to MINN. STAT. § 471.59 and the various Chapters of the Minnesota Election Laws, the County and City (hereinafter "Parties") agree as follows:

SECTION ONE-PARTIES

The City hereby contracts with the County to perform, and the County hereby agrees to perform, the election services hereinafter described. This agreement shall apply to the Statewide Primary Elections, the Statewide General Elections, and any other required election.

SECTION TWO-SERVICES

COUNTY RESPONSIBILITIES

The County shall perform the following election duties which are assigned to the City under Minnesota election law and other relevant state and federal laws:

- A. The County shall be responsible for recruitment, training and assignment of election judges.

- B. The County shall be responsible to determine the pay rate of election judges and for the payment of the election judges' salaries and other authorized mileage and expenses.
- C. The County shall arrange for the use of optical scan voting systems and attendant polling place equipment for every primary, special or general election identified in this Agreement.
- D. The County will coordinate with the City for the placement and use of City owned election equipment at each polling place.
 - a. Election equipment for purposes of this Agreement shall mean voting booths, polling place signs, flags, stands and City supply boxes.
 - i. In the event that additional or replacement Election Equipment is needed at a polling place, the County shall purchase the Equipment and bill the City for the cost of this additional or replacement Election Equipment.
 - b. The County shall store the City Election Equipment in County facilities during the duration of the Agreement.
 - i. At the termination of this Agreement, the County will return all City Election Equipment stored in County facilities to the City.
 - ii. Notwithstanding anything in this Agreement that may be to the contrary, the City shall be responsible to replace any lost, stolen, damaged or destroyed City election equipment and will hold the County harmless if any of the City's election equipment is lost, stolen, damaged or destroyed while in the care and custody of the County.
- E. The County shall arrange for the use of polling places in the City.
- F. The County shall be responsible to provide election forms, supplies and other related materials for each polling place and to publish any required primary or general sample ballots.
- G. The County shall conduct preliminary tests and public accuracy tests of voting systems and publish and post notices of the public accuracy tests.
- H. The County shall be responsible for the programming, layout and printing of ballots for the City.
 - a. The county shall pay the ballot costs for State Elections.
 - b. Ballot costs for any other election will be paid by the election authority as a reimbursement of actual cost or direct payment by the election authority.

- I. The County shall administer absentee voting for the City.
 - a. The county shall pay for the absentee voting costs for State Elections.
 - b. Absentee voting costs for any other election will be paid by the election authority per the county fee schedule.
- J. The County shall be responsible for the compiling and reporting election results and election statistics and providing election related information to the Office of Secretary of State's election reporting system.
- K. The County shall on behalf of the City provide to City officials, candidates and the public information and assistance relating to election procedures.
 - a. Notwithstanding the above subparagraph, the County shall not be responsible to provide the City with legal advice concerning questions related to election law, and the City will seek any such advice from the City Attorney and other City officials.

CITY RESPONSIBILITIES

The City shall be responsible for the following under this agreement:

- A. The City shall designate a principal contact person for the County. This individual shall be available to assist as necessary on election day.
- B. The City shall provide the County with election equipment to be utilized at each polling place.
 - a. Election equipment for purposes of this Agreement shall mean voting booths, polling place signs, flags, stands and City supply boxes.
- C. The City shall be responsible for establishing polling places and preparing the resolution for the City Council and determining precinct boundary changes.
- D. The City shall provide to the County the title and text of City ballot questions and provide the certification of candidate names for City offices.
- E. The City shall prepare a resolution authorizing the County to designate an absentee ballot board for the purpose of accepting and rejecting ballots for the City.
- F. The City shall perform the duties of candidate filing officer, providing to candidates the candidate filing packets. Candidate filing packets shall include acceptance of affidavits of candidacy, petitions and information to campaign committees.

- G. The City shall administer initial and ongoing campaign financial reporting and economic disclosure activities; prepare, post and publish election notices; post sample ballots at the City Office and conduct the official canvass of election results following each City election.
- H. The City shall retain election records for a period not less than twenty-two (22) months after each City election and retain a permanent archive of election results.

SECTION THREE-RECOUNTS

The parties recognize that under Minnesota State law the City Clerk or designee serves as the recount official for recounts conducted by the City Council or City Canvassing Board. If mutually agreed by the Parties, a County official may act as the recount official. The Parties will determine the duties, responsibilities and cost reimbursements for any such recount agreement.

SECTION FOUR - LEGAL REPRESENTATION

The County shall not be responsible to provide the City with legal advice concerning questions of election law, and the City will seek such legal advice from its City Attorney. Moreover, the City Attorney shall approve in a timely manner the format of the City ballot prior to the ballot being printed. The County Attorney shall advise and represent the County in its performance of this Agreement.

SECTION FIVE - AGREEMENT PRICE

The City shall pay a fee to the County each year for election services. The election fee schedule is approved by the County Board each year and establishes the fee(s) associated with each election year. The City will be billed for election services upon the completion of the election. The County will provide an invoice to the City no later than 60 days after the election payable 30 days after providing said billing.

The City will be billed for the actual costs of appointed election judges salaries and other authorized mileage and expenses to perform duties within their election precincts.

The City will be billed for any required legal publication costs.

The City will be billed for additional or replacement Election Equipment, if needed at a polling place.

SECTION SIX - INDEPENDENT CONTRACTOR

It is understood and agreed between the parties that the County is an independent contractor and not an employee of the City. The City shall not be required to maintain any insurance coverage needed in connection with the performance of the County services, including but not limited to automobile liability insurance, workers compensation insurance and public liability insurance.

SECTION SEVEN - -DURATION AND TERMINATION

This Agreement shall commence on January 1, 2020 and remain in force until terminated by either party giving the other party a six-month written notice of its intent to terminate the Agreement. Mutual agreement of both parties can terminate the agreement immediately, however the agreement cannot be cancelled during an even numbered year.

SECTION EIGHT – ENTIRE AGREEMENT

It is understood and agreed that the entire agreement of the Parties is contained herein and that this Agreement terminates, replaces and supersedes the prior Joint Powers Agreement between the parties entered into on January 1, 2018.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement the day and year first above written.

CITY OF GRANT

WASHINGTON COUNTY

By _____
Mayor

By _____
Stan Karwoski, County Board Chair

Attest _____
City Clerk

By _____
Molly O'Rourke, County Administrator

Recommended By:

Jennifer Wagenius
Director, Property Records and Taxpayer Services

Approved as to form by:

Assistant Washington County Attorney

Memorandum

To: **Honorable Mayor and City Council, City of Grant**
Kim Points, Administrator, City of Grant

From: **Brad Reifsteck, PE, City Engineer**
WSB & Associates, Inc.

Date: October 28, 2019

Re: 2019 Street Improvement Projects – Ordering Public Improvement.
 WSB Project No. 014035-000

Actions to be considered:

To adopt a resolution ordering the public improvements for the following Streets:

- Janero Court N
- Justen Trail N
- Grenelefe Ave N
- Jody Ave & Ct N
- 103rd Street & Ct N
- Juno Ave N.
- Joliet Ave N
- 101st St N.
- Kellman Ct

Facts:

The City Council authorized preparation of the Feasibility Report for the project area on May 7th, 2019 and received the Feasibility Report on September 3rd, 2019.

The City notified affected property owners and persons expressing interest in the project of the scheduled Improvement Hearing within the minimum 10-day notification requirement and published the notice of hearing in the City's official newspaper for two weeks.

A Public Hearing was conducted on October 1, 2019. The Public Hearing was closed without resolution. A second Public Hearing is scheduled for Monday November 4, 2019 at 7:00 pm.

City staff was directed by Council to survey the residents within the project limits to determine if most of the property owners approve or disapprove the project.

The improvements are anticipated to be funded by special assessments to benefitting properties, in accordance with the Assessment Policy, adopted by City Council.

Action: Discussion. Survey card, Letter to residents, Adopt Resolution.



City of Grant Minnesota

October 23, 2019

Property Owner or Current Resident
Street Address
City State, Zip

Re: Grant 2020 Proposed Street Improvements Project Survey
WSB Project No. R-014035-000

Dear Property Owner or Current Resident:

At last month's City Council meeting a Public Hearing was held to discuss the proposed 2020 Street Improvements Project. At this meeting, Council directed staff to survey the property owners within the project limits to determine the number of residents supporting a road improvement project and the assessments to pay for the project.

The purpose of this survey is to gather voluntary information from property owners living on a street studied as part of the 2020 Street Improvements Project Feasibility Report. This information may or may not be used by Council in deciding to order the improvements on your street. A second Public Hearing is scheduled for 7:00 p.m. on Monday, November 4, 2019, at the Town Hall to discuss the project.

Please find included in your envelope a survey postcard with prepaid postage. Each property owner has received a unique survey postcard. Only signed original cards will be accepted as legitimate responses. It's important each survey card is completed and returned to the City. It can be mailed directly or returned in person to the City prior to the Public Hearing.

The results of the survey will be announced at the Public Hearing on Monday, November 4, 2019.

Sincerely,

City of Grant

Brad A. Reifsteck, PE
Grant City Engineer

Attachments: Public Hearing Notice, Survey Postcard

cc: Kim Points, Grant City Administrator

srb

Grant 2020 Proposed Street Improvements Project Survey

The purpose of this survey is to gather voluntary information from property owners on a street studied as part of the 2020 Street Improvements Project Feasibility Report. This information may or may not be used by Council in deciding to order the improvements on your street. A Public Hearing is scheduled for 7:00 p.m. on Monday, November 4, 2019, at the Town Hall to discuss the project.

Directions:

- A. It is important you complete and return the survey below.
- B. This postcard is considered the official survey and no photocopies will be allowed. If photocopied surveys are submitted, they will be discarded.
- C. Surveys must be signed below to be considered valid.
- D. All surveys received after the Public Hearing is closed will be discarded.

Survey:

1. Do you support the proposed roadway improvement project on the street you own property on knowing your property will be assessed for the improvement?

Yes

No

Signature _____

CITY OF GRANT

RESOLUTION NO. 2019-18

**RESOLUTION ORDERING THE IMPROVEMENTS
FOR THE 2019 STREET IMPROVEMENT PROJECT**

WHEREAS, the City Council (“Council”) of the City of Grant, Minnesota (“City”) has identified the following Streets as a Capital Improvement Project for Fiscal Year 2019; and

- Janero Court North
- Justen Trail North
- Grenelefe Avenue North
- Jody Avenue & Court North
- 103rd Street & Court North
- Juno Avenue North
- Joliet Avenue North
- 101st Street North
- Kellman Court North

WHEREAS, those improvements shall include pavement rehabilitation; and

WHEREAS, the Council Authorized Brad Reifsteck, WSB & Associates, Inc. to complete a feasibility report (“Study”) on the Project on May 7th, 2019; and

WHEREAS, said Study was received by the Council on September 3rd, 2019; and

WHEREAS, the City notified affected property owners and persons expressing interest in the project of the scheduled Improvement Hearing (“Hearing”) within the minimum 10-day notification requirement and published the notice of hearing in the City’s official newspaper for two weeks; and

WHEREAS, the Hearing was conducted at the regular City Council meeting on October 1, 2019 and November 4, 2019; and

WHEREAS, the Council authorized WSB Inc. as the project engineer and Brad Reifsteck as the City’s engineering representative for the Project, and ordered the preparation of plans and specifications on November 4, 2019; and

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GRANT, MINNESOTA, with the public hearing on the Project complete and public comment on the project received, the City Council finds:

1. Such improvement is necessary, cost-effective, and feasible as detailed in the feasibility reports.
2. Such improvements are hereby ordered as proposed in this Resolution.
3. WSB Inc. is hereby designated as the engineer for this improvement.

ADOPTED this 4th day of November 2019.

Jeff Huber, Mayor

Attest:

Kim Points, City Clerk

City of Grant
P.O. Box 577
Willernie, MN 55090



Phone: 651.426.3383
Fax: 651.429.1998
Email: clerk@cityofgrant.com

Application Date:	9/11/19
Fee: \$400	Escrow: \$3,000

pd \$3,400.00 Check # 3823

VARIANCE REQUEST

In certain cases a variance from the strict enforcement and adherence to the zoning ordinance may not be possible due to practical difficulties associated with a property. A practical difficulty means that the proposed use of the property and associated structures in question cannot be established under the conditions allowed by the zoning ordinance and that no other reasonable alternate use exists. The following application is provided for such circumstances and will be determined by the Board of Adjustment for the City of Grant.

PARCEL IDENTIFICATION NO (PIN): 36.030.21.11.000 LEGAL DESCRIPTION: 0000		ZONING DISTRICT & COMP PLAN LAND USE: LOT SIZE: 200 x 400
PROJECT ADDRESS: <i>Same →</i>	OWNER: Name: Lillian Johnson Address: 6764 Manning Ave N City, State: Stillwater, mn Phone: 651-269-0720 Email: <i>bjohnson@northlinc.com</i>	APPLICANT (IF DIFFERENT THAN OWNER): William L. Johnson Guardian/Conservator 10085 Bridgewater Bay Woodbury, mn 55129
BRIEF DESCRIPTION OF REQUEST: <i>New septic tanks are in same location as existing, but closer than 75' to wetland. Need variance</i>		
EXISTING SITE CONDITIONS: <i>Currently, septic still in place - need to replace w/ new design</i>		
APPLICABLE ZONING CODE SECTION(S): Please review the referenced code section for a detailed description of required submittal documents, and subsequent process. 1. Chapter 32, Sec. 32-60. Variances.		

Submittal Materials

The following materials must be submitted with your application in order to be considered complete. If you have any questions or concerns regarding the necessary materials please contact the City Planner.

AP – Applicant check list, CS – City Staff check list

AP	CS	MATERIALS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Plan: All full scale plans shall be at a scale not smaller than 1" = 100' and include a north arrow <ul style="list-style-type: none"> ▪ Property dimensions ▪ Area in acres and square feet ▪ Setbacks ▪ Location of existing and proposed buildings (including footprint, and dimensions to lot lines) ▪ Location of current and proposed curb cuts, driveways and access roads ▪ Sanitary sewer (septic) and water utility plans ▪ Location of well and septic systems on adjacent properties ▪ Location of wetlands and other natural features ▪ Existing and proposed parking (if applicable) ▪ Off-street loading areas (if applicable) ▪ Existing and proposed sidewalks and trails
COPIES: 1 plan at 22"x34", 12 plans at 11"x17" (half scale) ✓		

Application for: **VARIANCE**
City of Grant

<input type="checkbox"/>	<input type="checkbox"/>	<p>Architectural/Building Plan (if Applicable): All full scale plans shall be at a scale not smaller than 1" = 100' and include a north arrow</p> <ul style="list-style-type: none"> Location of proposed buildings and their size including dimensions and total square footage Proposed floor plans Proposed elevations Description of building use <p>COPIES: 1 plan set 22"x34", 12 plan sets 11"x17" (half scale)</p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Written Narrative: Describe your request and the practical difficulties that are present on the site and why a Variance is sought.</p> <p>COPIES: 15</p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Statement acknowledging that you have contacted other governmental agencies such as Watershed Districts, County departments, State agencies, or others that may have jurisdiction over your project.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mailing labels with names and address of property owners within ¼ mile (1,320 feet). Contact Washington County to obtain list/labels.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Paid Application Fee: \$400
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Escrow Paid: \$3,000

n/a

MATERIALS THAT MAY BE REQUIRED UPON THE REQUEST OF THE CITY PLANNER

<input type="checkbox"/>	<input type="checkbox"/>	<p>Survey of the property: An official survey, by a licensed surveyor, must be submitted with the application. The survey shall be scalable and in an 11" x 17" format.</p>
		<p>Wetland Delineation: A wetland delineation may be necessary depending on the reason for the variance, and stated site constraints.</p>
<input type="checkbox"/>	<input type="checkbox"/>	Electronic copy of all submittal documents

This application must be signed by ALL owners of the subject property or an explanation given why this not the case.

We, the undersigned, have read and understand the above.

William L Johnson
Signature of Applicant

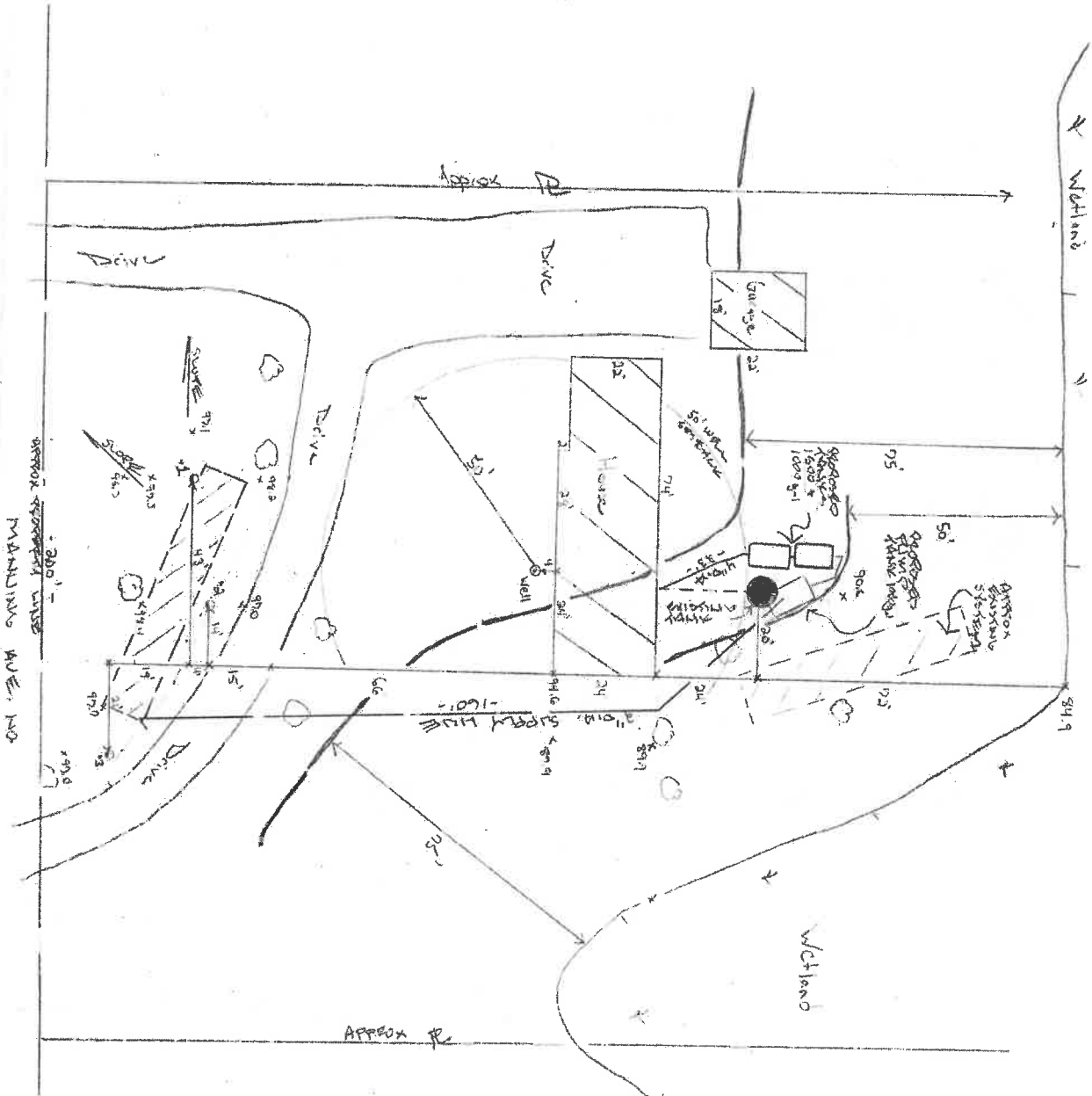
9-9-19
Date

Gaudian/Conservator for
Signature of Owner (if different than applicant)

Lillian B. Johnson
Date

Michael Schmidt
Purchaser

9/11/19.
Date



* VERIFY ALL UTILITY LOCATIONS OFF OF THE RECORD DRAWINGS AREA



FINISH 100.0 TOP OF WELL HEAD/POUT

1" STEP

Percolation Tests

Soil Borings

Bond Mark

Scale: 1" = 30'

Note: This system is to be constructed to meet the Minnesota Pollution Control Agency Chapter 7080 & local Ordinance

Check all underground utilities

PROPERTY OF: ERIN JOHNSON
1014 MICHIGAN AVE. MD
LEAK M.S. INVESTIGATION CO.

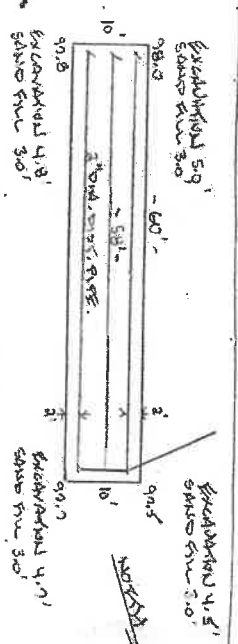
S-PTesting INC.
 Designed By: [Signature]
 Date: 6/20/19 PH 763-497-3566

HOUSE

SET-BACKS

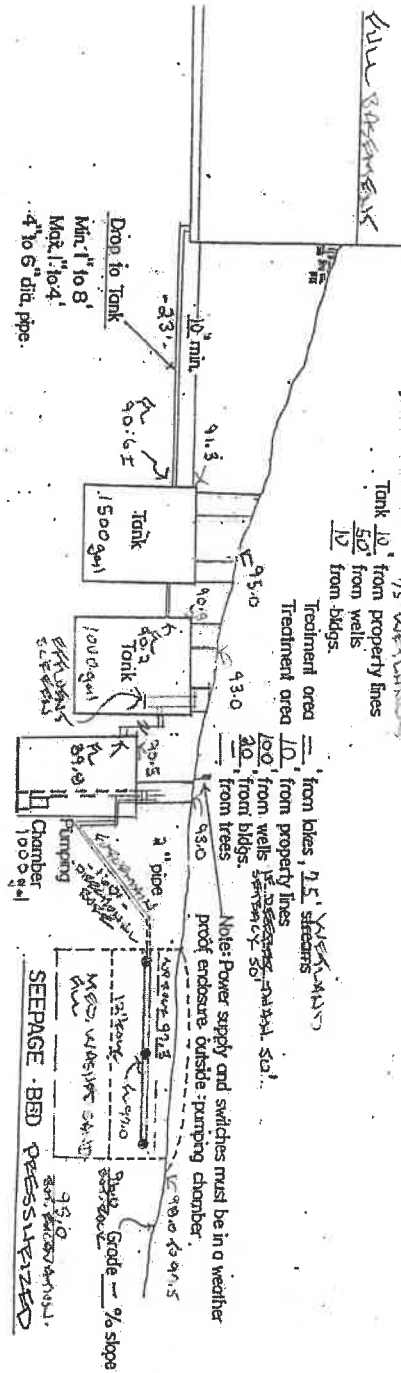
System must be:
 Tank 10' from property lines
 10' from wells
 10' from bldgs.

Quantity
 * 17 1/2" dia. 2" thick pipe 15' long
 * 17 1/2" dia. 2" thick pipe 30' long
 * 17 1/2" dia. 2" thick pipe 45' long
 * 17 1/2" dia. 2" thick pipe 60' long
 * 17 1/2" dia. 2" thick pipe 75' long
 * 17 1/2" dia. 2" thick pipe 90' long
 * 17 1/2" dia. 2" thick pipe 105' long
 * 17 1/2" dia. 2" thick pipe 120' long
 * 17 1/2" dia. 2" thick pipe 135' long
 * 17 1/2" dia. 2" thick pipe 150' long
 * 17 1/2" dia. 2" thick pipe 165' long
 * 17 1/2" dia. 2" thick pipe 180' long
 * 17 1/2" dia. 2" thick pipe 195' long
 * 17 1/2" dia. 2" thick pipe 210' long
 * 17 1/2" dia. 2" thick pipe 225' long
 * 17 1/2" dia. 2" thick pipe 240' long
 * 17 1/2" dia. 2" thick pipe 255' long
 * 17 1/2" dia. 2" thick pipe 270' long
 * 17 1/2" dia. 2" thick pipe 285' long
 * 17 1/2" dia. 2" thick pipe 300' long



SOIL BORING ELEVATIONS

TH#1 EL. - 92.8
 TH#2 EL. - 96.0
 TH#3 EL. - 92.0
 TH#4 EL. -
 TH#5 EL. -
 ELEVATION of PROPOSED PUMPING CHAMBER - 93.0
 DEPTH OF SAND - 2.7' - 3.2'



SYSTEM DESIGN

TYPE - 1/4 BEDROOM - Percolation rate = ml/frch (design = ml/frch) 1.0 gal/sq ft
 Treatment area required w/1/3" of rock filler material = + 10% = sq. ft. of trench bottom
 Number of tanks required , 1st tank gal, 2nd tank gal. minimums
 Clean rock cu. yds. (3/4" to 2 1/2" dia., includes 2" above pipe)
 Pumping chamber capacity = 25% of daily sewage flow of gal. + Reserve storage gal + Pipe back drainage gal = gal. cap.
 (Reserve storage = 150 gal./bedroom = gal. + pipe back drainage = gal./100 lin. ft. 2" pipe - length of pipe needed ft = gal)
 Pump size hp w/mercury float pump controls 2.2' HEAD PRESS, DISCHARGE 34 gal/min.
 Note: When constructing bed - , this area should be sloped to divert run-off from entering treatment area.

Note: Distance from treatment area to neighboring wells -

S-P TESTING INC.
 Designed By
 Date: 10/20/92, PH. 963-497-3566

PROPERTY OF:

SP TESTING INC.

Steven B. Schirmers - 951 Katydid Lane NE - St. Michael, MN 55376
Cert. No 627 - State License #394 - Phone 763-497-3566 - Fax 763-497-5011
www.sptesting.wastewater.com - schirmerswastewater.com

July 9, 2019

Lillian Johnson
56764 Manning Ave. N.
Grant, MN

This site has an existing on-site sewage treatment system consisting of a tank with no bottom (cesspool) which is classified as non-compliant with a trench or seepage bed which is hydraulically overloaded & surface discharging which is classified as an imminent threat to public health & safety & must be upgraded within 10 months. Classified as non-compliant by others.

The existing tank will need to be abandoned, pumped & fill with dirt & a tank abandonment report completed by a licensed contractor.

This site has very limited space for placing a new system due to wetland setbacks, excavated soils, driveways, well setback & detached garage. A standard system under Minnesota Chapter 7080 rules cannot be designed. The proposal is to install a Type 11, pressurized system under Minnesota Chapter 7080.2300 rules for a Type 1, 4 bedroom home.

The only area available for a system is in the area of Soil borings #1, 2 & 3. This area has gravelly soils with >50% fragments which are not suitable for treatment. The proposal is to over excavate to elev. 93.0 & place a minimum of 3' of washed sand & place a pressurized seepage bed with the bottom of the rock at elev. 96.0. The sizing factor is 1.0 gal/sq.ft = 600sq.ft.

An operating permit may be required by the City of Grant or Washington County.

Approval or a variance will be needed for the tanks to be 50' from the wetland.

2 inspection pipes must be installed, 1 to the bottom of the sand fill & 1 to the bottom of the rock bed.

All property lines will need to be located prior to installation. Use low water use facilities throughout the home, shower heads, toilets etc. Recommend to divert the water softener out of the home & an iron filter if there is one. If the tanks have less than 2' of cover, the lids, risers & maintenance hole covers must be insulated to a value of R10. Cleanouts for each lateral with a sleeve must be insulated & be accessible from finished grade in an irrigation box with a ball valve. A water meter or event counter must be installed to monitor daily water use. The homeowner is responsible for the water meter readings.

All neighboring wells are located greater than 100' away from the proposed treatment area. A pumping chamber will need to be installed to lift the effluent to the treatment area. The power supply & switches must be located outside the manhole & pumping chamber in a weather proof enclosure. A warning device must be installed with a light & sound device, this is in case of a pump failure. The supply line will be a directional bore, forcermain. Recommend at the driveway to saw cut the paving & install a 12" sleeve with a 2" diameter pipe (Insul-seal).

The manifold & supply line must have back drainage to the pumping chamber. Be sure the rock & sand fill material are clean. The sod layer below the entire mounded area must be turned over, just break up the sod.

Cleanouts for each lateral with a sleeve must be insulated & be accessible from finished grade in an irrigation box with a ball valve.

Keep all heavy equipment off of the proposed treatment area before and after construction. The treatment area should be marked off before construction. This design is not valid & the system will need to be relocated if failure to protect the sites for new on-site sewage system.

MANAGEMENT PLAN:

The tanks need to be maintained at a minimum of 1 time every 3 years, check with your pumper to set up a schedule.

System inspected for areas by owner & or inspector as determined by the local unit of Government.

Any other requirements as determined by the local unit of Government. Low water use facilities.

With proper installation & maintenance, this system should have no problem in treating septic effluent effectively.

Nothing other than human waste, toilet tissue, laundry, showers, water softners etc. should be disposed of into the system. Recommend iron filters be diverted out of the system. Garbage disposals are not recommended. Excessive amounts of soaps, antibacterial soaps, cleaning agents, shower cleaners used every shower & chlorine agents may kill the bacteria needed to treat septic effluent. Additives are not recommended. Recommend laundering be limited to 3 to 4 loads per day.

Steven B. Schirmers



Washington County Property Records and Taxpayer Services Department

Washington County Property Search

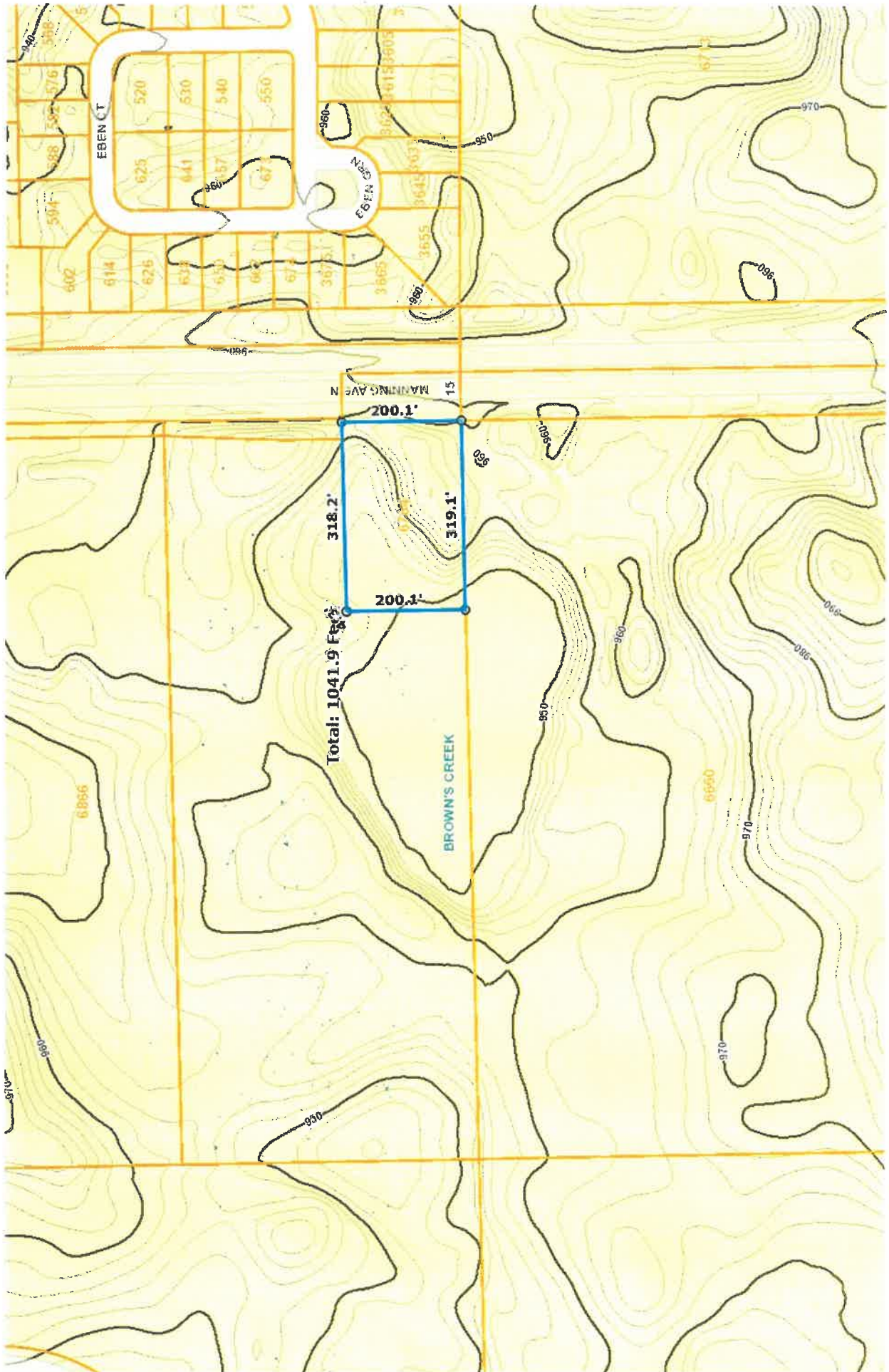
Search By:

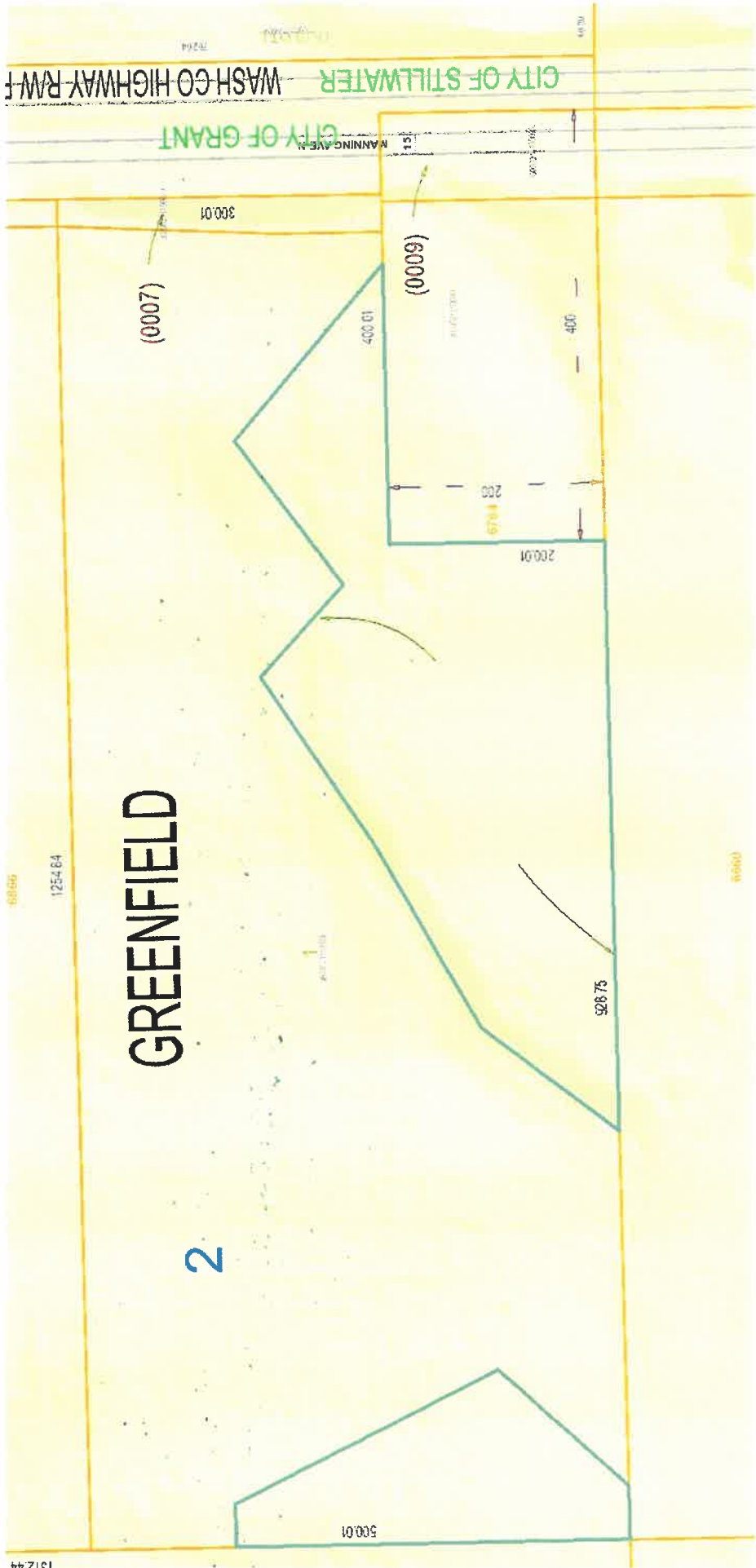
Sort by

Click on the Parcel Number to view records

Total records: 2

Owner Name	Property Address	Parcel Number
JOHNSON GERALD R & LILLIAN B	6764 MANNING AVE N STILLWATER MN 55082	36.030.21.11.0001 <input type="button" value="D"/>
JOHNSON LILLIAN B	6764 MANNING AVE N STILLWATER MN 55082	36.030.21.11.0010 <input type="button" value="D"/>







MANNING AVE N

200.0°

316.7°

200.1°

675.4

673.4

663.0

Total: 1041.9 Feet

GIS Map Information





SEPTIC PERMIT APPLICATION
 Washington County Department of Public Health & Environment
 14949-62nd St N, P.O. Box 6, Stillwater MN 55082-0006
 651.430.6655 FAX: 651.430.6730

2019

PERMIT NUMBER

Property & Applicant Information			
Property Address: 6764 MANNING AVE N		PIN:	
Use of Building: <input checked="" type="checkbox"/> Single Family Home	<input type="checkbox"/> Non-Single Family	Application Type: <input type="checkbox"/> New	<input checked="" type="checkbox"/> Replace or Alter Existing
Property Owner			
Name(s) LILLIAN JOHANSON	Address 6764 Manning Ave N	Phone Number(s) 651-269-0920	
	City GRANT	Zip	
Applicant (If Different From Owner)			
Name(s) JANET OTTE	Address 28989 Bayford Ave	Phone Number(s) 612-290-1457	
	City Cannon Falls	Zip 55009	
Email Address For Issued Permit		otte109homes@frontiernet.net	
Permit Types			
Installation and Modification Permits			

134.753"

@PJJL COMMENT "Username: bkjoh; App Filename: 6764_Manning_Ave._N._Permit



SEPTIC PERMIT APPLICATION

Washington County Department of Public Health & Environment
14949-62nd St N, P.O. Box 6, Stillwater MN 55082-0006
651.430.6655 FAX: 651.430.6730

2019

PERMIT NUMBER

Property & Applicant Information

Property Address: 6764 MANNING AVE N PIN: _____

Use of Building: Single Family Home Non-Single Family Application Type: New Replace or Alter Existing

Property Owner
 Name(s) LILLIAN JOHNSON Address 6764 Manning Ave N Phone Number(s) 651-269-0720
 City GRANT Zip _____

Applicant (If Different From Owner)
 Name(s) JANET OTTE Address 28989 Bayford Ave Phone Number(s) 612-290-1457
 City CANNON FALLS Zip 55009

Email Address For Issued Permit otte109homes@frontiernet.net

Permit Types

Installation and Modification Permits			
Type	Purpose	✓	Total Fee
Installing a new or replacement system	Single Family Dwelling	<input checked="" type="checkbox"/>	\$714
	Non-Single Family/Commercial	<input type="checkbox"/>	\$1,066
	Installation Permit Renewal	<input type="checkbox"/>	\$153
Other	System Abandonment	<input type="checkbox"/>	\$122
	Tank Replacement Only	<input type="checkbox"/>	
	System Repair	<input type="checkbox"/>	
	Connect to Existing System	<input type="checkbox"/>	
	Compliance- Soil Review	<input type="checkbox"/>	\$117
Subdivision/Lot Split/ Soil Review	# of Lots: _____ X \$87 per lot + Base fee \$204= _____	<input type="checkbox"/>	

Make Checks Payable to WASHINGTON COUNTY Total Fee 714

The following exhibits are required as part of the application and shall be attached hereto: Soil Boring Logs; Site Plan drawn to scale showing location of buildings, lot lines, soil hydraulic loading rate information, soil boring holes, proposed location of system and location of well(s), the System Design; and the Final Building Plan. The house and drainfield areas must be staked. Inaccurate or incomplete information will result in delays in processing or denial of the application.

AGREEMENT: The undersigned hereby makes Application for Permit to Install or Extend the Sewage Treatment System herein specified, agreeing that all work shall be done in strict accordance with ordinances and regulations of the County of Washington, Minnesota. Applicant agrees that the Site Plan, Sketches, and Design submitted herewith, and which are reviewed by Washington County, together with any requirements and/or restrictions made necessary by conditions peculiar to a particular location, shall become part of the permit. Owner and Applicant further agree to provide access, at reasonable times, to Washington County for the purpose of performing inspections required and that no part of the system shall be covered until it has been inspected and accepted. APPLICATION IS FOR AN INSTALLATION AT A SPECIFIC LOCATION; ANY DEVIATION FROM THE APPROVED LOCATION SHALL VOID THE PERMIT. It shall be the responsibility of the applicant for the permit to notify the Washington County Department of Public Health and Environment that the installation is ready for inspection.

PERMITS WILL NOT BE ISSUED ONCE FROZEN GROUND CONDITIONS EXIST due to the inability to conduct soil reviews unless arrangements are made BY THE APPLICANT to provide a backhoe, geo probe, or any other device that can penetrate the frozen soil to allow Washington County to conduct a soil review. In accordance with Minnesota Statute 15.99, Subdivision 2, Washington County has up to 60 days to review and approve or deny a complete permit application.

[Signature] #06614 Date 8/14/19
Signature of Applicant (if Different from Owner)

I hereby give the Washington County Department of Public Health and Environment permission to enter upon my property during normal business hours for the purpose of determining the suitability of the location, design, and construction, which may include minor excavations or soil borings by the Department.

Signature of Owner Date _____

- Forms needed to review application:
- Site plan
 - Soil borings
 - Septic system design
 - House plans- for new home

RECEIVED
AUG 14 2019

SP TESTING INC.

Steven B. Schirmers – 951 Katydid Lane NE – St. Michael, MN 55376
Cert. No 627 – State License #394 – Phone 763-497-3566 – Fax 763-497-5011
www.sptestesting.wastewater@comcast.net – schirmerswastewater.com

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Steven B. Schirmers



Preliminary Evaluation Worksheet

1. Contact Information v 04.02.2019

Property Owner/Client: Date Completed:

Site Address: Project ID:

Email: Phone:

Mailing Address:

Legal Description:

Parcel ID: TWP: SEC: RNG:

2. Flow and General System Information

A. Client-Provided Information

Project Type: New Construction Replacement Expansion Repair

Project Use: Residential Other Establishment:

Residential use: # Bedrooms: Dwelling Sq.ft.: Unfinished Sq. Ft.:

Adults: # Children: # Teenagers:

In-home business (Y/N): If yes, describe:

Water-using devices: (check all that apply)

<input type="checkbox"/> Garbage Disposal/Grinder	<input checked="" type="checkbox"/> Dishwasher	<input type="checkbox"/> Hot Tub*
<input type="checkbox"/> Sewage pump in basement	<input checked="" type="checkbox"/> Water Softener*	<input type="checkbox"/> Sump Pump*
<input type="checkbox"/> Large Bathtub >40 gallons	<input type="checkbox"/> Iron Filter*	<input type="checkbox"/> Self-Cleaning Humidifier*
<input checked="" type="checkbox"/> Clothes Washing Machine	<input type="checkbox"/> High Eff. Furnace*	<input type="checkbox"/> Other: <input type="text"/>

* Clear water source - should not go into system

Additional current or future uses:

Anticipated non-domestic waste:

The above is complete & accurate:

Client signature & date

B. Designer-determined flow information *Attach additional information as necessary.*

Design Flow: GPD Anticipated Waste Type:

BOD: mg/L TSS: mg/L Oil & Grease: mg/L

#	Description	Mn. ID#	Well Depth (ft.)	Casing Depth (ft.)	Confining Layer	STA Setback	Source
1							
2							
3							
4							

Additional Well Information:



Preliminary Evaluation Worksheet



Site within 200' of noncommunity transient well (Y/N) No Yes, source:

Site within a drinking water supply management area (Y/N) No Yes, source:

Site in a Well Head Protection inner wellhead management zone (Y/N) No Yes, source:

Buried water supply pipes within 50 ft of proposed system (Y/N) No

B. Site located in a shoreland district/area? No Yes, name:

Elevation of ordinary high water level: ft Source:

Classification: Tank Setback: ft. STA Setbk: ft.

C. Site located in a floodplain? No Yes, Type(s):

Floodplain designation/elevation (10 Year): ft Source:

Floodplain designation/elevation (100 Year): ft Source:

D. Property Line Id / Source: Owner Survey County GIS Plat Map Other:

E. ID distance of relevant setbacks on map: Water Easements Well(s)
 Building(s) Property Lines OHWL Other:

4. Preliminary Soil Profile Information From Web Soil Survey (attach map & description)

Map Units: 454C Slope Range: 1 %

List landforms: hilly

Landform position(s): Summit

Parent materials: Outwash

Depth to Bedrock/Restrictive Feature: in Depth to Watertable: none in

Map Unit Ratings

Septic Tank Absorption Field- At-grade:

Septic Tank Absorption Field- Mound:

Septic Tank Absorption Field- Trench: Very Limited *NO NEW CONCRETE SINKS > 50% SINK*

5. Local Government Unit Information

Name of LGU: Washington County

LGU Contact:

LGU-specific setbacks:

LGU-specific design requirements: Effluent Screen

LGU-specific installation requirements:

Notes:



Field Evaluation Worksheet

m MINNESOTA POLLUTION CONTROL AGENCY

v 04.02.2019

1. Project Information

Property Owner/Client: Project ID:

Site Address: Date Completed:

2. Utility and Structure Information

Utility Locations Identified Gopher State One Call # Any Private Utilities:

Locate and Verify (see Site Evaluation map) Existing Buildings Improvements Easements Setbacks

3. Site Information

Vegetation type(s): Landscape position:

Percent slope: % Slope shape: Slope direction:

Describe the flooding or run-on potential of site:

Describe the need for Type III or Type IV system:

Note:

Elevations and Benchmarks identified on map? (Y/N): If yes, describe:

Proposed soil treatment area protected? (Y/N): If yes, describe:

4. General Soils Information

Filled, Compacted, Disturbed areas (Y/N):

If yes, describe:

Soil observations were conducted in the proposed system location (Y/N):

A soil observation in the most limiting area of the proposed system (Y/N):

Number of soil observations: Soil observation logs attached (Y/N):

Percolation tests performed & attached (Y/N):

5. Phase I. Reporting Information

	Depth		Elevation		
Periodically saturated soil:	<input type="text" value="78"/>	in	<input type="text" value="91.5"/>	ft	Soil Texture: <input type="text" value="coarse sand"/>
Standing water:	<input type="text"/>	in	<input type="text"/>	ft	Percolation Rate: <input type="text"/>
Bedrock:	<input type="text"/>	in	<input type="text"/>	ft	Soil Hyd Loading Rate: <input type="text" value="1"/>
Benchmark:	<input type="text"/>		<input type="text"/>	ft	min/inch
Benchmark Location:	<input type="text"/>				
Differences between soil survey and field evaluation:	<input type="text"/>				
Site evaluation issues / comments:	<input type="text"/>				
Anticipated construction issues:	<input type="text"/>				



Design Summary Page

1. PROJECT INFORMATION		v 04.02.2019
Property Owner/Client:	<input type="text" value="Bill Johnson"/>	Project ID: <input type="text"/>
Site Address:	<input type="text" value="6764 Manning Ave. N., Grant"/>	Date: <input type="text" value="06/30/19"/>
Email Address:	<input type="text"/>	Phone: <input type="text"/>
2. DESIGN FLOW & WASTE STRENGTH <i>Attach data / estimate basis for Other Establishments</i>		
Design Flow:	<input type="text" value="600"/> GPD	Anticipated Waste Type: <input type="text" value="Residential"/>
BOD:	<input type="text"/> mg/L	TSS: <input type="text"/> mg/L
		Oil & Grease: <input type="text"/> mg/L
Treatment Level:	<input type="text" value="C"/> <i>Select Treatment Level C for residential septic tank effluent</i>	
3. HOLDING TANK SIZING		
Minimum Capacity: Residential = 400 gal/bedroom, Other Establishment = Design Flow x 5.0, Minimum size 1000 gallons		
Code Minimum Holding Tank Capacity:	<input type="text"/> Gallons	in <input type="text"/> Tanks or Compartments
Recommended Holding Tank Capacity:	<input type="text"/> Gallons	in <input type="text"/> Tanks or Compartments
Type of High Level Alarm:	<input type="text"/> (Set @ 75% tank capacity)	
Comments:	<input type="text"/>	
4. SEPTIC TANK SIZING		
A. Residential dwellings:		
Number of Bedrooms (Residential):	<input type="text" value="4"/>	
Code Minimum Septic Tank Capacity:	<input type="text" value="2500"/> Gallons	in <input type="text" value="2"/> Tanks or Compartments
Recommended Septic Tank Capacity:	<input type="text" value="2500"/> Gallons	in <input type="text" value="2"/> Tanks or Compartments
Effluent Screen & Alarm (Y/N):	<input type="text" value="yes"/> Model/Type: <input type="text"/>	
B. Other Establishments:		
Waste received by:	<input type="text"/>	<input type="text"/> GPD x <input type="text"/> Days Hyd. Retention Time
Code Minimum Septic Tank Capacity:	<input type="text"/> Gallons	in <input type="text"/> Tanks or Compartments
Recommended Septic Tank Capacity:	<input type="text"/> Gallons	in <input type="text"/> Tanks or Compartments
Effluent Screen & Alarm (Y/N):	<input type="text"/> Model/Type: <input type="text"/>	
5. PUMP TANK SIZING		
Pump Tank 1 Capacity (Minimum):	<input type="text" value="1000"/> Gal	Pump Tank 2 Capacity (Minimum): <input type="text" value="1000"/> Gal
Pump Tank 1 Capacity (Recommended):	<input type="text" value="1000"/> Gal	Pump Tank 2 Capacity (Recommended): <input type="text" value="1000"/> Gal
Pump 1 <input type="text" value="34.0"/> GPM Total Head <input type="text" value="22.0"/> ft		Pump 2 <input type="text" value="34.0"/> GPM Total Head <input type="text" value="22.0"/> ft
Supply Pipe Dia. <input type="text" value="2.00"/> in Dose Vol: <input type="text" value="149.0"/> gal		Supply Pipe Dia. <input type="text" value="2.00"/> Dose Vol: <input type="text" value="0.0"/> Gal



Design Summary Page



6. SYSTEM AND DISTRIBUTION TYPE		Project ID:
Soil Treatment Type:	<input type="text" value="Bed"/>	Distribution Type: <input type="text" value="Pressure Distribution-Level"/>
Elevation Benchmark:	<input type="text" value="100"/> ft	Benchmark Location: <input type="text" value="WELL CAP!"/>
MPCA System Type:	<input type="text" value="Type III"/>	Distribution Media: <input type="text" value="rock"/>
Type III/IV Details:	<input type="text" value="seepage bed"/>	<input type="text"/>

7. SITE EVALUATION SUMMARY:

Describe Limiting Condition:

Layers with >35% Rock Fragments? (yes/no) Yes If yes, describe below: % rock and layer thickness, amount of soil credit and any additional information for addressing the rock fragments in this design.

Note:

Limiting Condition:	<input type="text" value="60"/> inches	Depth	<input type="text" value="5.0"/> ft	Elevation	<input type="text" value="93.00"/> ft
Minimum Req'd Separation:	<input type="text" value="36"/> inches		<input type="text" value="3.0"/> ft	Elevation	<i>Critical for system compliance</i>
Code Max System Depth:	<input type="text" value="24"/> inches		<input type="text" value="2.0"/> ft	Elevation	<input type="text" value="96.00"/> ft

This is the maximum depth to the bottom of the distribution media. Negative Depth (ft) means it must be a mound.

Soil Texture:

Soil Hyd. Loading Rate: GPD/ft² Percolation Rate: MPI

Contour Loading Rate: Note:

Measured Land Slope: % Note:

Comments:

8. SOIL TREATMENT AREA DESIGN SUMMARY

Trench:

Dispersal Area	<input type="text"/>	ft ²	Sidewall Depth	<input type="text"/>	in	Trench Width	<input type="text"/>	ft
Total Lineal Feet	<input type="text"/>	ft	No. of Trenches	<input type="text"/>		Code Max. Trench Depth	<input type="text"/>	in
Contour Loading Rate	<input type="text"/>	ft	Min. Length	<input type="text"/>	ft	Designed Trench Depth	<input type="text"/>	in

Bed:

Dispersal Area	<input type="text" value="600"/>	ft ²	Sidewall Depth	<input type="text" value="12.0"/>	in	Maximum Bed Depth	<input type="text" value="24.0"/>	in
Bed Width	<input type="text" value="10"/>	ft	Bed Length	<input type="text" value="60.0"/>	ft	Designed Bed Depth	<input type="text" value="24.0"/>	in

Mound:

Dispersal Area	<input type="text"/>	ft ²	Bed Length	<input type="text"/>	ft	Bed Width	<input type="text"/>	ft
Absorption Width	<input type="text"/>	ft	Clean Sand Lift	<input type="text"/>	ft	Berm Width (0-1%)	<input type="text"/>	ft
Upslope Berm Width	<input type="text"/>	ft	Downslope Berm	<input type="text"/>	ft	Endslope Berm Width	<input type="text"/>	ft
Total System Length	<input type="text"/>	ft	System Width	<input type="text"/>	ft	Contour Loading Rate	<input type="text"/>	gal/ft



Design Summary Page



Project ID: _____

At-Grade:

Bed Width ft Bed Length ft Finished Height ft
 Contour Loading Rate gal/ft Upslope Berm ft Downslope Berm ft
 Endslope Berm ft System Length ft System Width ft

Level & Equal Pressure Distribution

No. of Laterals Perforation Spacing ft Perforation Diameter in
 Lateral Diameter in Min Dose Volume gal Max Dose Volume gal

Non-Level and Unequal Pressure Distribution

	Elevation (ft)	Pipe Size (in)	Pipe Volume (gal/ft)	Pipe Length (ft)	Perf Size (in)	Spacing (ft)	Spacing (in)	
Lateral 1								Minimum Dose Volume <input type="text"/> gal
Lateral 2								
Lateral 3								
Lateral 4								Maximum Dose Volume <input type="text"/> gal
Lateral 5								
Lateral 6								

9. Additional Info for At-Risk, HSW or Type IV Design

A. Starting BOD Concentration = Design Flow X Starting BOD (mg/L) X 8.35 ÷ 1,000,000

gpd X mg/L X 8.35 ÷ 1,000,000 = lbs. BOD/day

B. Target BOD Concentration = Design Flow X Target BOD (mg/L) X 8.35 ÷ 1,000,000

gpd X mg/L X 8.35 ÷ 1,000,000 = lbs. BOD/day

Lbs. BOD To Be Removed:

PreTreatment Technology: *Must Meet or Exceed Target

Disinfection Technology: *Required for Levels A & B

C. Organic Loading to Soil Treatment Area:

mg/L X gpd x 8.35 ÷ 1,000,000 ÷ ft² = lbs./day/ft²

10. Comments/Special Design Considerations:

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

(Designer)

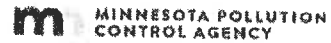
(Signature)

(License #)

(Date)



Bed Design Worksheet



1. SYSTEM SIZING: Project ID: _____ v 04.02.2019

A. Design Flow (Design Sum. 1A): GPD

B. Code Maximum Depth*: inches Designers Maximum Depth: inches

C. Soil Loading Rate: GPD/ft²

D. Required Bottom Area: Design Flow (1.A) ÷ Loading Rate (1.C) = Initial Required Bottom Area
 GPD ÷ GPD/ft² = ft²

E. Select Distribution Method: Pressure
 Gravity

F. Select Dispersal Type: Rock
 Registered

G. If distribution media is installed in contact with sand or loamy sand or with a percolation rate of 0.1 to 5 mpi indicate distribution or treatment method:

2. BED CONFIGURATION: (for sites with less than 6% slope)

A. Select size Multiplier: 1.0 = pressurized or 1.5 = gravity

B. Req'd Bottom Area = Bottom Area (1.D) X Size Multiplier =
 ft² X ft = ft²

C. Designed Bottom Area: ft *Optional upsizing of bed area*

D. Select Bed Width: ft

E. Calculate Bed Length: Designed Bottom Area ÷ Bed Width = Bed Length
 ft² ÷ ft = ft

3. MATERIAL CALCULATION: ROCK

A. If drainfield rock is being used, select sidewall height
 in ft

B. Media Volume: (Media Depth + depth to cover pipe) X Designed Bottom Area = ft³
(ft + ft) X ft² = ft³

C. Calculate Volume in cubic yards: Media volume in cubic feet ÷ 27 = cubic yards
 ft³ ÷ 27 = yd³

4. MATERIAL CALCULATION: REGISTERED PRODUCTS - CHAMBERS AND EZFLOW

A. Registered Product:

B. Component Length: ft

C. Component Width: ft

D. Component depth (louver or depth of sidewall loading) in

E. Number of Components per Row = Bed Length divided by Component Length (Round up)
 ft ÷ ft = components

F. Actual Bed Length = Number of Components X Component Length:
 components X ft = ft

G. Number of Rows = Bed Width divided by Component Width
 ft ÷ ft = rows *Adjust width so this is a whole number.*

H. Total Number of Components = Number of Components per Row X Number of Rows
 X = components

Check registered product information for specific application details and design



Pressure Distribution Design Worksheet

12. Calculate the *Square Feet per Perforation*. Recommended value is 4-11 ft² per perforation.

Does not apply to At-Grades

a. *Bed Area* = Bed Width (ft) X Bed Length (ft)

$$\boxed{10} \text{ ft} \times \boxed{60} \text{ ft} = \boxed{600} \text{ ft}^2$$

b. *Square Foot per Perforation* = *Bed Area* divided by the *Total Number of Perforations*.

$$\boxed{600} \text{ ft}^2 \div \boxed{60} \text{ perforations} = \boxed{10.0} \text{ ft}^2/\text{perforations}$$

13. Select *Minimum Average Head*: $\boxed{1.0}$ ft

14. Select *Perforation Discharge* (GPM) based on Table: $\boxed{0.56}$ GPM per Perforation

15. Determine required *Flow Rate* by multiplying the *Total Number of Perfs.* by the *Perforation Discharge*.

$$\boxed{60} \text{ Perfs} \times \boxed{0.56} \text{ GPM per Perforation} = \boxed{34} \text{ GPM}$$

16. *Volume of Liquid Per Foot of Distribution Piping* (Table II): $\boxed{0.170}$ Gallons/ft

17. *Volume of Distribution Piping* =

= [Number of Perforated Laterals X Length of Laterals X (Volume of Liquid Per Foot of Distribution Piping)]

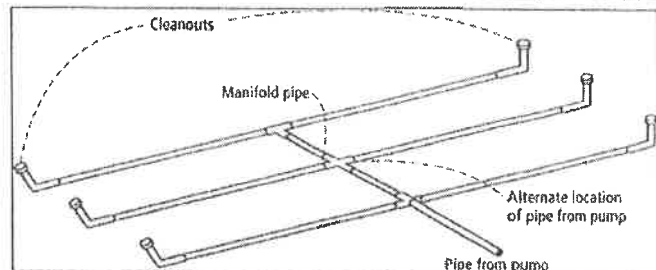
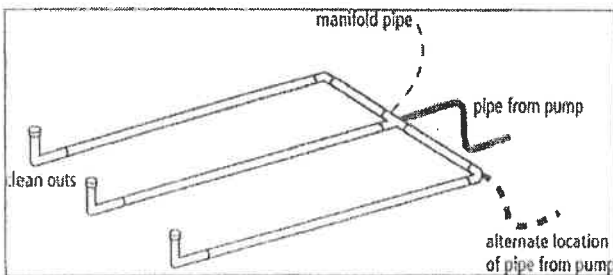
$$\boxed{3} \times \boxed{58} \text{ ft} \times \boxed{0.170} \text{ gal/ft} = \boxed{29.6} \text{ Gallons}$$

18. Minimum Delivered Volume = Volume of Distribution Piping X 4

$$\boxed{29.6} \text{ gals} \times 4 = \boxed{118.3} \text{ Gallons}$$

Table II
Volume of Liquid in
Pipe

Pipe Diameter (inches)	Liquid Per Foot (Gallons)
1	0.045
1.25	0.078
1.5	0.110
2	0.170
3	0.380
4	0.661



Comments/Special Design Considerations:



Basic Pump Selection Design Worksheet

m MINNESOTA POLLUTION CONTROL AGENCY

1. PUMP CAPACITY Project ID: v 04.02.2019

Pumping to Gravity or Pressure Distribution: Pressure

1. If pumping to gravity enter the gallon per minute of the pump: GPM (10 - 45 gpm)

2. If pumping to a pressurized distribution system: 34.0 GPM

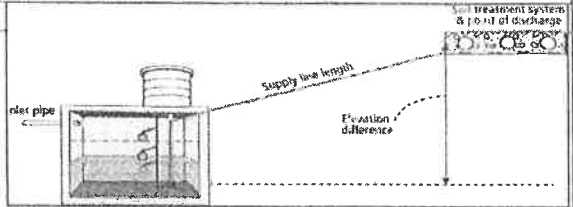
3. Enter pump description:

2. HEAD REQUIREMENTS

A. Elevation Difference 11 ft
between pump and point of discharge:

B. Distribution Head Loss: 5 ft

C. Additional Head Loss: ft (due to special equipment, etc.)



Distribution Head Loss	
Gravity Distribution = 0ft	
Pressure Distribution based on Minimum Average Head Value on Pressure Distribution Worksheet:	
Minimum Average Head	Distribution Head Loss
1ft	5ft
2ft	6ft
5ft	10ft

Table 1. Friction Loss in Plastic Pipe per 100ft

Flow Rate (GPM)	Pipe Diameter (inches)			
	1	1.25	1.5	2
10	9.1	3.1	1.3	0.3
12	12.8	4.3	1.8	0.4
14	17.0	5.7	2.4	0.6
16	21.8	7.3	3.0	0.7
18		9.1	3.8	0.9
20		11.1	4.6	1.1
25		16.8	6.9	1.7
30		23.5	9.7	2.4
35			12.9	3.2
40			16.5	4.1
45			20.5	5.0
50				6.1
55				7.3
60				8.6
65				10.0
70				11.4
75				13.0
85				16.4
95				20.1

D. 1. Supply Pipe Diameter: 2.0 in

2. Supply Pipe Length: 160 ft

E. Friction Loss in Plastic Pipe per 100ft from Table 1:

Friction Loss = 2.99 ft per 100ft of pipe

F. Determine *Equivalent Pipe Length* from pump discharge to soil dispersal area discharge point. Estimate by adding 25% to supply pipe length for fitting loss. *Supply Pipe Length (D.2) X 1.25 = Equivalent Pipe Length*

160 ft X 1.25 = 200.0 ft

G. Calculate *Supply Friction Loss* by multiplying *Friction Loss Per 100ft* (Line E) by the *Equivalent Pipe Length* (Line F) and divide by 100.

Supply Friction Loss = 2.99 ft per 100ft X 200.0 ft ÷ 100 = 6.0 ft

H. *Total Head* requirement is the sum of the *Elevation Difference* (Line A), the *Distribution Head Loss* (Line B), *Additional Head Loss* (Line C), and the *Supply Friction Loss* (Line G)

11.0 ft + 5.0 ft + ft + 6.0 ft = 22.0 ft

3. PUMP SELECTION

A pump must be selected to deliver at least 34.0 GPM (Line 1 or Line 2) with at least 22.0 feet of total head.

Comments:

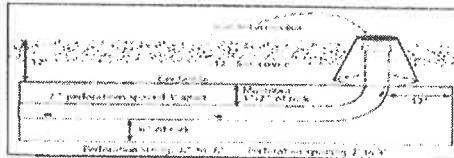


Pressure Distribution Design Worksheet

Project ID: _____

v 04.02.2019

1. Media Bed Width: ft
2. Minimum Number of Laterals in system/zone = Rounded up number of $[(\text{Media Bed Width} - 4) \div 3] + 1$.
 $[(\text{ } - 4) \div 3] + 1 = \text{ } \text{ laterals}$ *Does not apply to at-grades*
3. Designer Selected Number of Laterals: laterals
Cannot be less than line 2 (Except in at-grades)
4. Select Perforation Spacing: ft



5. Select Perforation Diameter Size: in
6. Length of Laterals = Media Bed Length - 2 Feet.
 - 2ft = ft *Perforation can not be closer than 1 foot from edge.*
7. Determine the Number of Perforation Spaces. Divide the Length of Laterals by the Perforation Spacing and round down to the nearest whole number.

Number of Perforation Spaces = ft \div ft = Spaces

8. Number of Perforations per Lateral is equal to 1.0 plus the Number of Perforation Spaces. Check table below to verify the number of perforations per lateral guarantees less than a 10% discharge variation. The value is double with a center manifold.

Perforations Per Lateral = Spaces + 1 = Perfs. Per Lateral

Maximum Number of Perforations Per Lateral to Guarantee < 10% Discharge Variation											
1/4 Inch Perforations						7/32 Inch Perforations					
Perforation Spacing (Feet)	Pipe Diameter (Inches)					Perforation Spacing (Feet)	Pipe Diameter (Inches)				
	1	1 1/4	1 1/2	2	3		1	1 1/4	1 1/2	2	3
2	10	13	18	30	60	2	11	16	21	34	68
2 1/2	8	12	16	28	54	2 1/2	10	14	20	32	64
3	8	12	16	25	52	3	9	14	19	30	60
3/16 Inch Perforations						1/8 Inch Perforations					
Perforation Spacing (Feet)	Pipe Diameter (Inches)					Perforation Spacing (Feet)	Pipe Diameter (Inches)				
	1	1 1/4	1 1/2	2	3		1	1 1/4	1 1/2	2	3
2	12	18	26	46	87	2	21	33	44	74	149
2 1/2	12	17	24	40	80	2 1/2	20	30	41	69	135
3	12	16	22	37	75	3	20	29	38	64	128

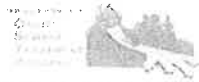
9. Total Number of Perforations equals the Number of Perforations per Lateral multiplied by the Number of Perforated Laterals.

Perf. Per Lat. X Number of Perf. Lat. = Total Number of Perf.

10. Spacing of laterals; Must be greater than 1 foot and no more than 3 feet: ft

10. Select Type of Manifold Connection (End or Center):

11. Select Lateral Diameter (See Table): in



Pump Tank Design Worksheet (Demand Dose)

m MINNESOTA POLLUTION CONTROL AGENCY

DETERMINE TANK CAPACITY AND DIMENSIONS

Project ID: _____

v 04.02.2019

1. A. Design Flow (Design Sum, 1A): GPD C. Tank Use:

B. Min. required pump tank capacity: Gal D. Recommended pump tank capacity: Gal

2. A. Tank Manufacturer: B. Tank Model:

C. Capacity from manufacturer: Gallons

D. Gallons per inch from manufacturer: Gallons per inch

E. Liquid depth of tank from manufacturer: inches

Note: Design calculations are based on this specific tank. Substituting a different tank model will change the pump float or timer settings. Contact designer if changes are necessary.

DETERMINE DOSING VOLUME

3 Calculate Volume to Cover Pump (The inlet of the pump must be at least 4-inches from the bottom of the pump tank & 2 inches of water covering the pump is recommended)

(Pump and block height + 2 Inches) X Gallons Per Inch (2C or 3E)

(in + 2 inches) X Gallons Per Inch = Gallons

4 Minimum Delivered Volume = 4 X Volume of Distribution Piping:
-Item 18 of the Pressure Distribution or Item 11 of Non-level Gallons (Minimum dose) inches/dose

5 Calculate Maximum Pumpout Volume (25% of Design Flow)

Design Flow: GPD X 0.25 = Gallons (Maximum dose) inches/dose

6 Select a pumpout volume that meets both Minimum and Maximum: Gallons

7 Calculate Doses Per Day = Design Flow ÷ Delivered Volume

gpd ÷ gal = Doses

8 Calculate Drainback:

A. Diameter of Supply Pipe = inches

B. Length of Supply Pipe = feet

C. Volume of Liquid Per Lineal Foot of Pipe = Gallons/ft

D. Drainback = Length of Supply Pipe X Volume of Liquid Per Lineal Foot of Pipe

ft X gal/ft = Gallons

9. Total Dosing Volume = Delivered Volume plus Drainback

gal + gal = Gallons

10. Minimum Alarm Volume = Depth of alarm (2 or 3 inches) X gallons per inch of tank

in X gal/in = Gallons

Volume of Liquid in Pipe	
Pipe Diameter (inches)	Liquid Per Foot (Gallons)
1	0.045
1.25	0.078
1.5	0.110
2	0.170
3	0.380
4	0.661

DEMAND DOSE FLOAT SETTINGS

11. Calculate Float Separation Distance using Dosing Volume .

Total Dosing Volume / Gallons Per Inch

gal ÷ gal/in = Inches

12. Measuring from bottom of tank:

A. Distance to set Pump Off Float = Pump + block height + 2 inches

in + 2 in = Inches

B. Distance to set Pump On Float = Distance to set Pump-Off Float + Float Separation Distance

in + in = Inches

C. Distance to set Alarm Float = Distance to set Pump-On Float + Alarm Depth (2-3 inches)

in + in = Inches

Inches for Dose: 7.3 in

Alarm Depth 21.3 in

Pump On 19.3 in

Pump Off 12.0 in

Soil Observation Log

www.SepticResource.com vers 12.4

Owner Information	
Property Owner / project: <u>Lillian Johnson</u>	Date <u>7/9/2019</u>
Property Address / PID: <u>6764 Manning Ave. NE, Grant</u>	

Soil Survey Information	
<input type="checkbox"/> refer to attached soil survey	
Parent mat'l's:	<input type="checkbox"/> Till <input checked="" type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Alluvium <input type="checkbox"/> Organic <input type="checkbox"/> Bedrock
landscape position:	<input checked="" type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input type="checkbox"/> Side slope <input type="checkbox"/> Toe slope
soil survey map units:	<u>454C</u> slope _____ % direction- _____

Soil Log #1							
<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation <u>97.8</u>		Depth to SHWT <u>>72"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0 - 6	loamy coarse sand	15 - 35			Loose		Single grain
6 - 30	loamy coarse sand	>50			Loose		Single grain
30 - 72	coarse sand	>50			Loose		Single grain
Comments:							

6764 Manning Ave. NE, Grant

Soil Log #2

<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation <u>98</u>		Depth to SHWT <u>>78"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0 - 6	loamy medium sand	0 - 15	10YR 3/3		Friable		Single grain
6 - 12	loamy medium sand	0 - 15	10YR 4/3		Loose		Single grain
12 - 46	medium sand	0 - 15	10YR 5/3		Loose		Single grain
46 - 78	coarse sand	>50	10YR 5/3		Loose		Single grain

6764 Manning Ave. NE, Grant

Soil Log #3

<input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit		Elevation <u>97</u>		Depth to SHWT <u>>78"</u>			
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0 - 6	loamy coarse sand	15 - 35	10YR 3/3		Loose		Single grain
6 - 12	loamy coarse sand	>50	10YR 4/3		Loose		Single grain
12 - 24	loamy medium sand	15 - 35	10YR 5/3		Loose		Single grain
24 - 78	coarse sand	>50	10YR 5/3		Loose		Single grain

I hereby certify this work was completed in accordance with MN 7080 and any local req's.

St. B. Shin
Designer Signature

SP Testing Inc
Company

390
License #

Septic System Best Management Practices



Septic systems protect human health and the environment by safely recycling wastewater and returning it to the natural environment. It is your job as the homeowner to be sure this happens effectively and safely. As with your car, regular maintenance and attention is needed to keep it operating efficiently in a cost effective manner.

Septic Tank

Functions:

- Separates into three layers: scum (stuff that floats), sludge (stuff that sinks), and the liquid.
- The solids and scum are held until removed by the maintainer. Anaerobic bacteria work to break down wastes, prepare the liquid for the drainfield.
- The liquid is delivered to the soil treatment area to complete the treatment process.
- If solids are not removed, they can end up in the soil treatment area, causing (often irreparable) damage.
- Factors that increase frequency of pumping: use of garbage disposal, water treatment unit that discharges into the septic system, in-home daycare or other reason a large number of people are present most of the time, laundry on the 2nd floor, excessive use of water and strong cleaning products.

Best management practices:

- Tanks need to be evaluated every two to three years and pumped if necessary. Some counties require pumping on a specified basis. New homes—pump within 3—12 months of occupancy the first time.
- **Never** allow a tank to be cleaned through the inspection pipe. This is not allowed by code, and it does not allow a good cleaning to occur. Scum can plug the baffle, baffles can be knocked off. Tanks should only be cleaned through the manhole or maintenance hole.
- Be sure baffles, effluent screen, pumps and other components are inspected when the tank is pumped.
- Install risers on the manhole covers to allow easier access. Insulate the cover and secure tightly.
- An effluent screen will prevent most solids from reaching the soil treatment area. Install and clean according to manufacturer recommendations.
- Never use additives. The cleaners are harmful to your system. They do not replace good management practices. Starters and feeders are not effective.
- **Warning:** NEVER go into a septic tank—there are dangerous gases and no oxygen!
- Do not ignore alarms—troubleshoot the problem.

Septage—the solids from the tank are usually land-applied. Lime is added in the truck to destroy pathogens and help control odors. Septic pumpers must follow strict guidelines to protect public safety and water quality. Septage disposal is managed by the MN Pollution Control Agency (MPCA) and the Environmental Protection Agency (EPA).

Soil Treatment Area: Trench or Mound

Functions:

- Soil organisms destroy pathogens (bacteria, viruses).
- Remove phosphorus, reduce nitrogen content.
- Recycle clean water into the soil and ground water. Water and nutrients enter the ground water, evaporate through plants, and are used by plants.

Best management practices:

- Maintain vegetative cover (turf grass, native grasses, flowers). Mow, but do not fertilize, burn or over-water.
- Keep all vehicles, bikes, snowmobiles, etc. off.
- Do not plant trees or shrubs near drainfield.
- Inspect for cracked, missing inspection pipe covers.
- Follow practices to prevent freezing, including mulching the entire system if needed.

Household Best Management Practices

Manage water use:

- Repair all leaking faucets, toilets, fixtures.
- Change to low flow toilets, shower heads.
- Replace appliances with low water use models.
- Spread water uses evenly throughout the day and week.
- Re-route clean water sources: water softener, treatment unit recharge water, high efficiency furnace drip, sump pumps to separate drainage area.

Watch what goes down the drain:

- The toilet is not a garbage can—nothing should be flushed except human waste and toilet paper.
- Excess medications—return to pharmacy or land-fill.
- Limit or eliminate drain cleaner use.
- Do not use automatic toilet cleaners, disposable brushes.
- Do not use every-use or automatic shower cleaners.
- No hazardous waste, paints, solvents, chemicals. Use disposable paint brushes.
- Eliminate or limit use of garbage disposal.
- No chlorine treated water such as from hot tubs.

Manage product use:

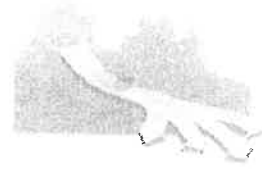
- Minimize use of anti-bacterial soaps, cleansers.
- Detergents: measure accurately, use as little as possible.
- Limit use of bleach-based cleansers.

For more information: Order the Septic System Owner's Guide. Call 800-876-8636 or go to <http://shop.extension.umn.edu>.

Onsite Sewage Treatment Program web site: <http://septic.umn.edu>. University of Minnesota Extension <http://www.extension.umn.edu>

Written by Valerie Prax, Regional Extension Educator, 6/07

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Septic System Management Plan for Below Grade Systems

The goal of a septic system is to protect human health and the environment by properly treating wastewater before returning it to the environment. Your septic system is designed to kill harmful organisms and remove pollutants before the water is recycled back into our lakes, streams and groundwater.

This **management plan** will identify the operation and maintenance activities necessary to ensure long-term performance of your septic system. Some of these activities must be performed by you, the homeowner. Other tasks must be performed by a licensed septic maintainer or service provider. However, it is **YOUR** responsibility to make sure all tasks get accomplished in a timely manner.

The University of Minnesota's *Septic System Owner's Guide* contains additional tips and recommendations designed to extend the effective life of your system and save you money over time.

Proper septic system design, installation, operation and maintenance means safe and clean water!

Property Owner

Property Address 6764 MARSHALL AVE, MN

Property ID

System Designer S-PTER DESIGN CO.

Phone 763-497-3566

System Installer

Phone

Service Provider/Maintainer

Phone

Permitting Authority WASHINGTON CO.

Phone 651-430-6655

Permit #

Date Inspected

Keep this Management Plan with your Septic System Owner's Guide. The Septic System Owner's Guide includes a folder to hold maintenance records including pumping, inspection and evaluation reports. Ask your septic professional to also:

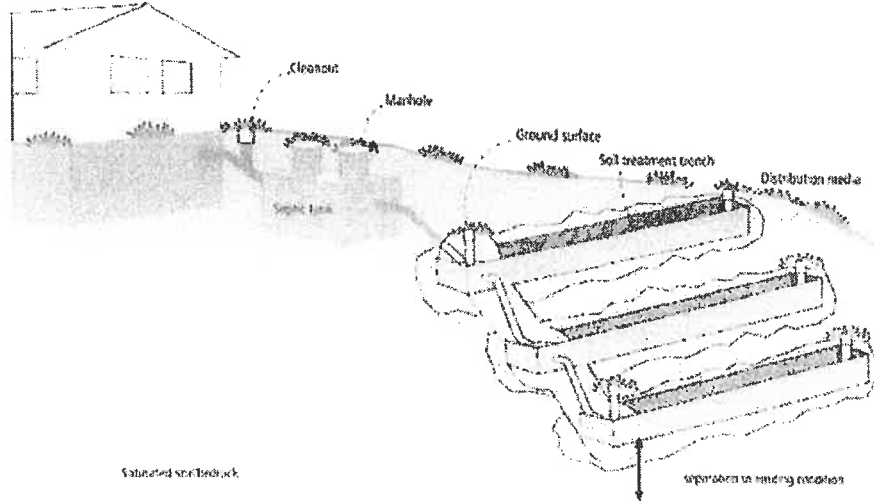
- Attach permit information, designer drawings and as-builts of your system, if they are available.
- Keep copies of all pumping records and other maintenance and repair invoices with this document.
- Review this document with your maintenance professional at each visit; discuss any changes in product use, activities, or water-use appliances.

For a copy of the *Septic System Owner's Guide*, call 1-800-876-8636 or go to <http://shop.extension.umn.edu/>

<http://septic.umn.edu>



Your Septic System



Septic System Specifics	
System Type: <input type="radio"/> I <input type="radio"/> II <input checked="" type="radio"/> III <input type="radio"/> IV* <input type="radio"/> V* (Based on MN Rules Chapter 7080.2200 - 2400)	<input type="checkbox"/> System is subject to operating permit* <input type="checkbox"/> System uses UV disinfection unit* Type of advanced treatment unit _____ *Additional Management Plan required

Dwelling Type	Well Construction
Number of bedrooms: <u>4</u>	Well depth (ft): _____
System capacity/ design flow (gpd): <u>600</u>	<input type="checkbox"/> Cased well Casing depth: _____
Anticipated average daily flow (gpd): <u>420</u>	<input type="checkbox"/> Other (specify): _____
Comments _____	Distance from septic (ft): _____
Business? <input type="checkbox"/> What type? _____	Is the well on the design drawing? <input type="checkbox"/> Y <input type="checkbox"/> N

Septic Tank	
<input type="checkbox"/> One tank Tank volume: _____ gallons	<input checked="" type="checkbox"/> Pump Tank (if one) <u>1000</u> gallons
Does tank have two compartments? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Effluent Pump make/model: <u>1/3 HP</u>
<input checked="" type="checkbox"/> Two tanks Tank volume: <u>1500</u> gallons <small>1000 gal</small>	Pump capacity <u>34</u> GPM
<input type="checkbox"/> Tank is constructed of _____	TDH <u>32</u> Feet of head
<input type="checkbox"/> Effluent Screen type: <u>Yes</u>	<input type="checkbox"/> Alarm location <u>None</u>

Soil Treatment Area (STA)	
Trenches: <u>600 sq ft</u> total lineal-feet	<input type="checkbox"/> Gravity distribution <input checked="" type="checkbox"/> Pressure distribution
Number of trenches: _____ at _____ feet each	<input checked="" type="checkbox"/> Inspection ports <input checked="" type="checkbox"/> Cleanouts
STA size (width x length): <u>10</u> ft x <u>60</u> ft	<input type="checkbox"/> Additional STA not available
Location of additional STA: _____	



Homeowner Management Tasks

These *operation and maintenance* activities are your responsibility. Use the chart on page 6 to track your activities.

Identify the service intervals recommended by your system designer and your local government. The tank assessment for your system will be the **shortest interval of these three intervals**. Your pumper/maintainer will determine if your tank needs to be pumped.

System Designer: check every 24 months
Local Government: check every _____ months
State Requirement: check every 36 months

My tank needs to be checked
every 24 months

Seasonally or several times per year

- *Leaks*. Check (listen, look) for leaks in toilets and dripping faucets. Repair leaks promptly.
- *Surfacing sewage*. Regularly check for wet or spongy soil around your soil treatment area. If surfaced sewage or strong odors are not corrected by pumping the tank or fixing broken caps and leaks, call your service professional. *Untreated sewage may make humans and animals sick.*
- *Alarms*. Alarms signal when there is a problem; contact your maintainer any time the alarm signals.
- *Lint filter*. If you have a lint filter, check for lint buildup and clean when necessary. Consider adding one after washing machine.
- *Effluent screen*. If you do not have one, consider having one installed the next time the tank is cleaned.

Annually

- *Water usage rate*. A water meter can be used to monitor your average daily water use. Compare your water usage rate to the design flow of your system (listed on the next page). Contact your septic professional if your average daily flow over the course of a month exceeds 70% of the design flow for your system.
- *Caps*. Make sure that all caps and lids are intact and in place. Inspect for damaged caps at least every fall. Fix or replace damaged caps before winter to help prevent freezing issues.
- *Water conditioning devices*. See Page 5 for a list of devices. When possible, program the recharge frequency based on *water demand (gallons)* rather than *time (days)*. Recharging too frequently may negatively impact your septic system.
- *Review your water usage rate*. Review the Water Use Appliance chart on Page 5. Discuss any major changes with your pumper/maintainer.

During each visit by a pumper/maintainer

- Ask if your pumper/maintainer is licensed in Minnesota.
- Make sure that your pumper/maintainer services the tank through the manhole. (NOT through a 4" or 6" diameter inspection port.)
- Ask your pumper/maintainer to accomplish the tasks listed on the Professional Tasks on Page 4.



Professional Management Tasks

These are the operation and maintenance activities that a pumper/maintainer performs to help ensure long-term performance of your system. Professionals should refer to the O/M Manual for detailed checklists for tanks, pumps, alarms and other components. Call 800-322-8642 for more details.

- Written record provided to homeowner after each visit.

Plumbing/Source of Wastewater

- Review the Water Use Appliance Chart on Page 5 with homeowner. Discuss any changes in water use and the impact those changes may have on the septic system.
- Review water usage rates (if available) with homeowner.

Septic Tank/Pump Tanks

- *Manhole lid.* A riser is recommended if the lid is not accessible from the ground surface. Insulate the riser cover for frost protection.
- *Liquid level.* Check to make sure the tank is not leaking. The liquid level should be level with the bottom of the outlet pipe. (If the water level is below the bottom of the outlet pipe, the tank may not be watertight. If the water level is higher than the bottom of the outlet pipe of the tank, the effluent screen may need cleaning, or there may be ponding in the drainfield.)
- *Inspection pipes.* Replace damaged caps.
- *Baffles.* Check to make sure they are in place and attached, and that inlet/outlet baffles are clear of buildup or obstructions.
- *Effluent screen.* Check to make sure it is in place; clean per manufacturer recommendation. Recommend retrofitted installation if one is not present.
- *Alarm.* Verify that the alarm works.
- *Scum and sludge.* Measure scum and sludge in each compartment of each septic and pump tank, pump if needed.

Pump

- *Pump and controls.* Check to make sure the pump and controls are operating correctly.
- *Pump vault.* Check to make sure it is in place; clean per manufacturer recommendations.
- *Alarm.* Verify that the alarm works.
- *Drainback.* Check to make sure it is operating properly.
- *Event counter or run time.* Check to see if there is an event counter or run time log for the pump. If there is one, calculate the water usage rate and compare to the anticipated average daily flow listed on Page 2.

Soil Treatment Area

- *Inspection pipes.* Check to make sure they are properly capped. Replace caps that are damaged.
- *Surfacing of effluent.* Check for surfaced effluent or other signs of problems.
- *Gravity trenches and beds.* Check the number of gravity trenches with ponded effluent. Identify the percentage of the system in use. Determine if action is needed.
- *Pressure trenches and beds - Lateral flushing.* Check lateral distribution; if cleanouts exist, flush and clean as needed.

All other components -- inspect as listed here:



**Water-Use Appliances and
Equipment in the Home**

Appliance	Impacts on System	Management Tips
Garbage disposal	<ul style="list-style-type: none"> • Uses additional water. • Adds solids to the tank. • Finely-ground solids may not settle. Unsettled solids can exit the tank and enter the soil treatment area. 	<ul style="list-style-type: none"> • Use of a garbage disposal is not recommended. • Minimize garbage disposal use. Compost instead. • To prevent solids from exiting the tank, have your tank pumped more frequently. • Add an effluent screen to your tank.
Washing machine	<ul style="list-style-type: none"> • Washing several loads on one day uses a lot of water and may overload your system. • Overloading your system may prevent solids from settling out in the tank. Unsettled solids can exit the tank and enter the soil treatment area. 	<ul style="list-style-type: none"> • Choose a front-loader or water-saving top-loader, these units use less water than older models. • Limit the addition of extra solids to your tank by using liquid or easily biodegradable detergents. • Install a lint filter after the washer and an effluent screen to your tank • Wash only full loads. • Limit use of bleach-based detergents. • Think even -- spread your laundry loads throughout the week.
2 nd floor laundry	<ul style="list-style-type: none"> • The rapid speed of water entering the tank may reduce performance. 	<ul style="list-style-type: none"> • Install an effluent screen in the septic tank to prevent the release of excessive solids to the soil treatment area. • Be sure that you have adequate tank capacity.
Dishwasher	<ul style="list-style-type: none"> • Powdered and/or high-phosphorus detergents can negatively impact the performance of your tank and soil treatment area. • New models promote "no scraping". They have a garbage disposal inside. 	<ul style="list-style-type: none"> • Use gel detergents. Powdered detergents may add solids to the tank. • Use detergents that are low or no-phosphorus. • Wash only full loads. • Scrape your dishes anyways to keep undigested solids out of your septic system.
Grinder pump (in home)	<ul style="list-style-type: none"> • Finely-ground solids may not settle. Unsettled solids can exit the tank and enter the soil treatment area. 	<ul style="list-style-type: none"> • Expand septic tank capacity by a factor of 1.5. • Include pump monitoring in your maintenance schedule to ensure that it is working properly. • Add an effluent screen.
Large bathtub (whirlpool)	<ul style="list-style-type: none"> • Large volume of water may overload your system. • Heavy use of bath oils and soaps can impact biological activity in your tank and soil treatment area. 	<ul style="list-style-type: none"> • Avoid using other water-use appliances at the same time. For example, don't wash clothes and take a bath at the same time. • Use oils, soaps, and cleaners in the bath or shower sparingly.
Clean Water Uses	Impacts on System	Management Tips
High-efficiency furnace	<ul style="list-style-type: none"> • Drip may result in frozen pipes during cold weather. 	<ul style="list-style-type: none"> • Re-route water into a sump pump or directly out of the house. Do not route furnace recharge to your septic system.
Water softener Iron filter Reverse osmosis	<ul style="list-style-type: none"> • Salt in recharge water may affect system performance. • Recharge water may hydraulically overload the system. 	<ul style="list-style-type: none"> • These sources produce water that is not sewage and should not go into your septic system. • Reroute water from these sources to another outlet, such as a dry well, draitile or old drainfield.
Surface drainage Footing drains	<ul style="list-style-type: none"> • Water from these sources will likely overload the system. 	<ul style="list-style-type: none"> • When replacing, consider using a demand-based recharge vs. a time-based recharge. • Check valves to ensure proper operation; have unit serviced per manufacturer directions

13-82 ■ SECTION 13: Forms and Reference

**UNIVERSITY
OF MINNESOTA**

*Septic System Management Plan
for Below Grade Systems*



Maintenance Log

Track maintenance activities here for easy reference. See list of management tasks on pages 3 and 4.

Activity	Date accomplished
<i>Check frequently:</i>	
Leaks: check for plumbing leaks	
Soil treatment area check for surfacing	
Lint filter: check, clean if needed	
Effluent screen: if owner-maintained	
<i>Check annually:</i>	
Water usage rate (monitor frequency _____)	
Caps: inspect, replace if needed	
Water use appliances – review use	
Other:	

Notes: MONITOR SAND FILL & POLYBER FOR POTENTIAL - OWNER

Mitigation/corrective action plan: _____

"As the owner of this SSTS, I understand it is my responsibility to properly operate and maintain the sewage treatment system on this property, utilizing the Management Plan. If requirements in this Management Plan are not met, I will promptly notify the permitting authority and take necessary corrective actions. If I have a new system, I agree to adequately protect the reserve area for future use as a soil treatment system."

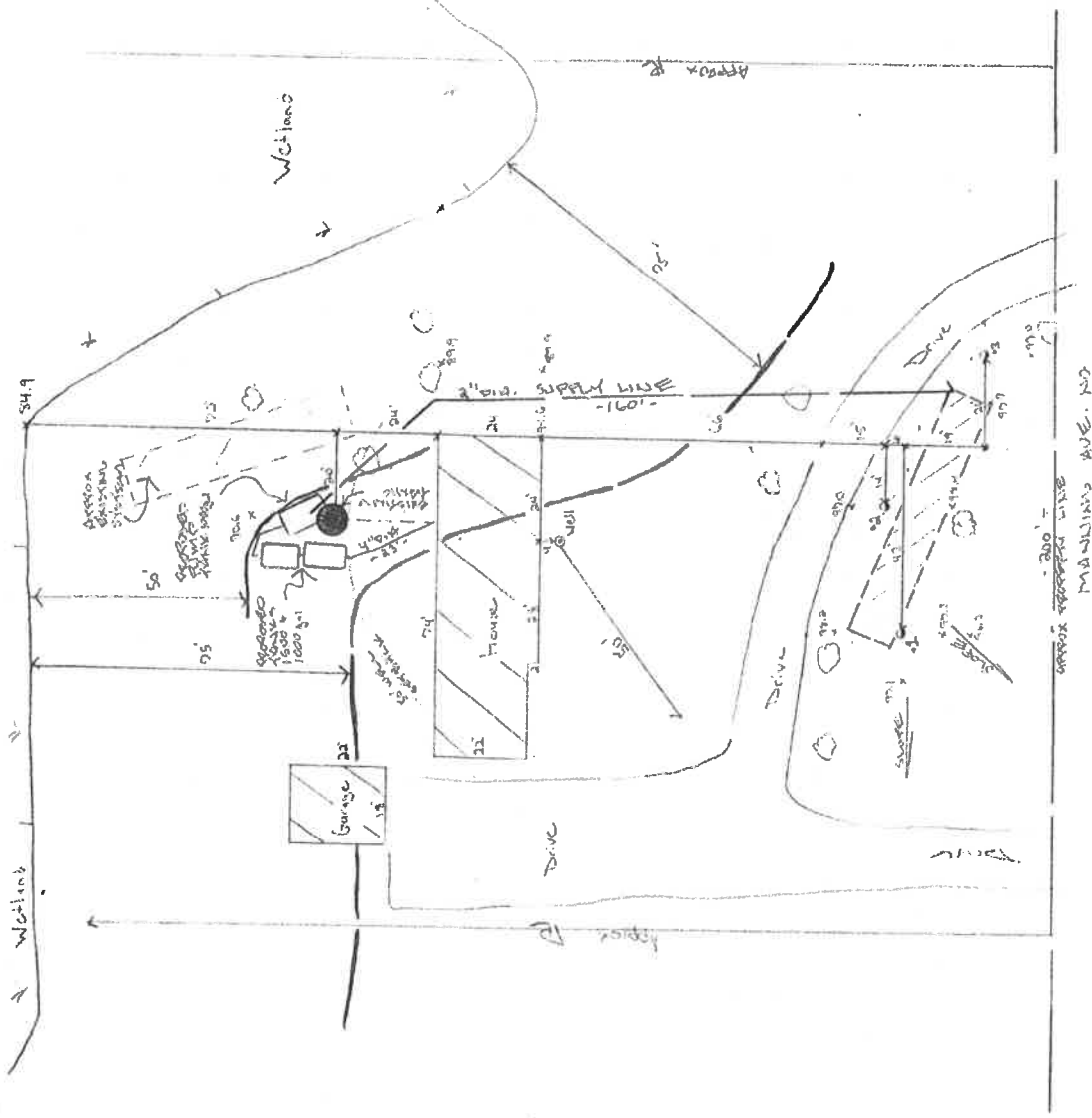
Property Owner Signature: _____ Date _____

Management Plan Prepared By: S-P RESTALL INC Certification # 627 LIC# 394
STEVEN R. SCHIRMER

Permitting Authority: _____

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* SEE IN HAND EQUIPMENT
OFF OF THE PROPOSED TREATMENT
AREA.



100.0 TOP OF WELL KNEEHEIGHT

- ⊙ Penetration Tests
- ⊙ Soil Borings
- ⊙ Bench Mark

Note: This system is to be constructed to meet
the Minnesota Pollution Control Agency
Chapter 7080 & Local Ordinance

Check all underground utilities

PROPERTY OF BOB & JOHAN SOUL
6044 MAUNTING AVE. NO.
WEST LAKE, MINNESOTA CO.

S-P TESTING INC.
Designed By: [Signature]
Date: 6/2/13 PH 763-497-3566

Filed in District Court
State of Minnesota

Jan 23 2019 3:38 PM

Minn. Stat. § 524.5-310
Minn. Stat. § 524.5-409

STATE OF MINNESOTA
COUNTY OF WASHINGTON

DISTRICT COURT
PROBATE DIVISION
TENTH JUDICIAL DISTRICT

Court File Number 82-PR-18-5068
Case Type: 14, Guardianship and
Conservatorship

In Re: Guardianship and Conservatorship of
LILLIAN B. JOHNSON,
Ward and Protected Person.

ORDER APPOINTING LIMITED
GUARDIAN AND CONSERVATOR

This matter came on for hearing before the district court on January 15, 2019 on a petition seeking appointment of a Guardian and Conservator for the Respondent named above. Petitioner appeared personally with the Petitioner's attorney, MARY JOKI EBB. The Respondent appeared personally with Respondent's attorney, SPENCER C. BUTTS. Prior to the hearing, the parties reached a stipulated agreement regarding the appointment of a conservator and a limited guardian for the Respondent, the terms of which are incorporated herein. The matter, having been considered by the Court, and the Court being duly advised in the premises now makes the following:

FINDINGS OF FACT

1. FINDING OF INCAPACITY:
Guardianship:

a. The Respondent is incapacitated with regard to the person because Respondent is impaired to the extent of lacking sufficient understanding or capacity to make or communicate responsible decisions concerning Respondent's personal needs for medical care, nutrition, clothing, shelter, or safety. The Respondent's inability is reflected by the following facts:

Respondent is unable to consistently make decisions that are in her own best interest with regard to her safety. She is also making financial decisions that hinder her ability to provide for her own personal needs like food, clothing, medical care, etc.

and

I do hereby certify that this instrument is a true and correct copy of the original on file and of record in my office, and that as of the date hereof, said Letters were in full force and effect.

Dated 1-31-19
Court File No. 82-PR-18-5068
Court Administrator
Washington County, MN
By Tamela Kruer
Deputy

- b. the Respondent has demonstrated behavioral deficits evidencing an inability to meet Respondent's needs for medical care, nutrition, safety, and shelter. The Respondent's inability is reflected by the following facts:

Respondent is having trouble living alone and has fallen. She cannot navigate stairs safely and is always at risk of falling.

Conservatorship:

- a. The Respondent is unable to manage property and business affairs because of an impairment in the ability to receive and evaluate information or make decisions, even with the use of appropriate technological assistance. The Respondent's inability is reflected by the following facts:

Respondent is at risk of having her monetary assets dissipated at the hands of a family member. This family member has moved to Minnesota from Florida and now wants to move in with Respondent. This will only dissipate her assets even more quickly.

and

- b. the Respondent has property that will be dissipated without proper management and funds are needed for the support, care, education, health, and welfare of the Respondent or of individuals who are entitled to the individual's support and that protection is necessary or desirable to obtain or provide money. This conclusion is supported by the following facts:

Respondent forgets to pay her bills. She has unpaid property taxes and income taxes. She has been unable to repair her automobile because she doesn't have the resources to pay a mechanic. Her home is in need of repair and maintenance and she doesn't have the funds to make repairs or to perform maintenance of the property. She has been involved in a financial scam for several years. Her assets are at risk of being dissipated through involvement in this financial scam, and;

2. No appropriate alternative to guardianship or conservatorship exists that is less restrictive of Respondent's civil rights and liberties including the use of appropriate technological assistance and including a protective arrangement under Minn. Stat. § 524.5-412.
3. The Respondent is incapable of exercising the following rights and powers:
- All of the rights and powers under Minn. Stat. § 524.5-313(c) for a Ward;
 - All of the rights and powers under Minn. Stat. § 524.5-417(c) for a Protected Person.

(If the Respondent is capable of performing some but not all powers and duties, specify which powers and duties CANNOT be performed by the Respondent.)

All of the authorities granted herein shall be subject to the stipulation between the parties, the terms of which are contained in paragraphs 5 through 8 of the Order, below.

- To establish the place of abode within or without the State;
 - To provide for the Respondent's care, comfort, and maintenance needs;
 - To take reasonable care of the Respondent's clothing, furniture, vehicles, and other personal effects;
 - To give any necessary consent to enable, or to withhold consent for, the necessary medical or other professional care, counsel, treatment, or service;
 - To exercise supervisory authority over the Respondent;
 - To pay reasonable charges for the support, maintenance, and education of the Respondent in a manner suitable to the Respondent's station in life and the value of Respondent's estate;
 - To pay out of the Respondent's estate all just and lawful debts of the Respondent;
 - To possess and manage the estate of the Respondent, collect all debts and claims in favor of the Respondent, or to compromise them, institute suit on behalf of the Respondent, or invest Respondent's assets not currently needed for debts, charges, and management of the estate;
 - To exchange or sell an undivided interest in real property;
 - To approve or withhold approval of any contract, except for necessities, which the Respondent may make or wish to make; and
 - To apply on behalf of the Respondent for any assistance, services, or benefits available to the Respondent through any unit of government.
4. The Respondent is not a patient of a state hospital for the mentally ill or a mentally retarded or dependent or neglected ward of the Commissioner of Human Services, or under the temporary custody of the Commissioner of Human Services.
 5. The Respondent is in need of a guardian to protect Respondent's person, and a conservator to protect Respondent's estate.
 6. The Court finds that the Guardian is the most suitable and best qualified among those available and willing to discharge the trust and is not excluded from appointment pursuant to Minn. Stat. § 524.5-309(c); and the Conservator is the most suitable and best qualified among those available and willing to discharge the trust and is not excluded from appointment pursuant to Minn. Stat. § 524.5-413(d).

CONCLUSIONS OF LAW

1. The Respondent is an incapacitated person whose needs cannot be met by less restrictive means than a Guardianship.
2. There is clear and convincing evidence that the Respondent is unable to manage property and business affairs because of an impairment in the ability to receive and evaluate information or make decisions, even with the use of appropriate technological assistance, or because the individual is missing, detained, or unable to return to the United States.
3. There is a preponderance of the evidence that the Respondent has property that will be wasted or dissipated unless management is provided or money is needed for the support, care, education, health, and welfare of the individual or of individuals who are entitled to the individual's support and that protection is necessary or desirable to obtain or provide money.
4. The Respondent's needs cannot be met by less restrictive means than a Conservatorship, including use of appropriate technological assistance.
5. A Guardian and a Conservator of Lillian B. Johnson should be appointed.

ORDER

NOW, THEREFORE, IT IS ORDERED:

1. That William B. Johnson and Jill E. Starr are hereby appointed Co-Guardians and Co-Conservators of Lillian B. Johnson.
2. That Letters of Guardianship shall issue to William L. Johnson and Jill E. Starr upon the filing of an Acceptance of Appointment and such letters shall reflect that the Guardian is appointed by the Court; and Letters of Conservatorship shall issue to William L. Johnson and Jill E. Starr upon the filing of an Acceptance of Appointment.
3. Appointment of powers and duties:

The Guardian shall have the power and duty to:

- Exercise all of the rights and powers on behalf of the Ward under Minn. Stat. § 524.5-313(c) paragraphs 1, 2, 3, 4, 5, 6, and 7. A limited guardianship is not appropriate because [...].

(If the Guardian is granted limited powers and duties, specify which powers and duties are vested in the Guardian by this Order.)

All of the authorities granted herein shall be subject to the stipulation between the parties, the terms of which are contained in paragraphs 5 through 8 of the Order, below.

- Have custody of the Ward and establish the place of abode for the Ward within or without the State, Minn. Stat. § 524.5-313(c)(1);

Order Appointing Guardian and Conservator
Court File Number: [...]

- Provide for the Ward's care, comfort, and maintenance needs, Minn. Stat. § 524.5-313(c)(2);
- Take reasonable care of the Ward's clothing, furniture, vehicles, and other personal effects, Minn. Stat. § 524.5-313(c)(3);
- Give any necessary consent to enable, or to withhold consent for, the Ward to receive necessary medical or other professional care, counsel, treatment, or service, Minn. Stat. § 524.5-313(c)(4);
- Approve or withhold approval of any contract, except necessities, which the Ward may make or wish to make (*only given if no conservator is appointed with this power*), Minn. Stat. § 524.5-313(c)(5);
- Exercise supervision authority over the Ward, Minn. Stat. § 524.5-313(c)(6);
- Apply on behalf of the Ward for any assistance, services, or benefits available to the Ward through any unit of government (*only given if no conservator is appointed with this power*), Minn. Stat. § 524.5-313(c)(7);
- (other) [...];

and to exercise all other powers, duties and responsibilities conferred on the Guardian under applicable law.

The Conservator shall have the power and duty to:

- Exercise all of the rights and powers under Minn. Stat. § 524.5-417(c) paragraphs 1, 2, 3, 4, 5, and 6. A limited conservatorship is not appropriate because [...].

All of the authorities granted herein shall be subject to the stipulation between the parties, the terms of which are contained in paragraphs 5 through 8 of the Order, below.

(If the Conservator is granted limited powers and duties, specify which powers and duties are vested in the Conservator by this Order.)

- Pay reasonable charges for the support, maintenance, and education of the Protected Person in a manner suitable to the Protected Person's station in life and the value of the Protected Person's estate, Minn. Stat. § 524.5-417(c)(1);
- Pay out of the Protected Person's estate all lawful debts of the Protected Person, Minn. Stat. § 524.5-417(c)(2);
- Possess and manage the estate of the Protected Person, collect all debts and claims in favor of the Protected Person, or with the approval of the court compromise them, institute suit on behalf of the Protected Person and represent the Protected Person in court proceedings, and invest pursuant to Minn. Stat. §§ 48A.01, 501B.151, and 524.5-423 all funds not currently

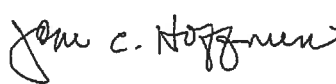
needed for debts, charges, and management of the estate, Minn. Stat. § 524.5-417(c)(3);

- Exchange or sell an undivided interest in real property, Minn. Stat. § 524.5-417(c)(4);
- Approve or withhold approval of any contract, except for necessities, which the Protected Person may make or wish to make, Minn. Stat. § 524.5-417(c)(5);
- Apply on behalf of the Protected Person for any assistance, services, or benefits available to the Protected Person through any unit of government, Minn. Stat. § 524.5-417(c)(6);
- (other) [...];

and to exercise all other powers, duties and responsibilities conferred on the Conservator under applicable law.

4. The Conservator shall file a bond in the amount of \$_____.
5. Ward and Protected Person will retain complete control of all assets contained in her Florida Trust related to her currency exchange and redemption value investments and these assets, including any income or increase in value received therefrom shall not be intermingled with Conservatorship assets.
6. The Conservators shall provide a debit card or gift card to Protected Person each month for her to spend as she wishes.
7. **The Guardians and Conservators will consult with and seek input from Ward and Protected Person on all decisions, and Guardians and Conservators specifically acknowledge their obligations under the Guardianship Bill of Rights, Minnesota Statutes 524.5-120.**
8. The Guardians and Conservators will receive no compensation for their time spent on the guardianship or conservatorship.
9. Unless an appeal is filed, the court-appointed attorney for the Ward and Protected Person, is hereby discharged upon the expiration of the appeals period.

BY THE COURT



Hoffman, John
(Washington Judge)

2019.01.23 13:14:41 -06'00'

Dated: _____

Judge of the District Court

Filed in District Court
State of Minnesota

Minn. Stat. § 524.5-110

STATE OF MINNESOTA
COUNTY OF WASHINGTON

Jan 23 2019 3:41 PM

DISTRICT COURT
PROBATE DIVISION
TENTH JUDICIAL DISTRICT

Court File Number: 82-PR-18-5068
Case Type: Guardianship and
Conservatorship

In Re: Guardianship and Conservatorship of
LILLIAN B. JOHNSON,
Ward and Protected Person.

LETTERS of LIMITED GUARDIANSHIP &
CONSERVATORSHIP

Guardians:

WILLIAM L. JOHNSON and JILL E. STARR, are qualified and hereby authorized to act as Limited Guardians of the Ward, after being appointed as Limited Guardians by the Court, with all of the powers and authority prescribed by statute as shown on the order appointing them as Guardians, the terms of which order are incorporated herein by reference including the powers under Minn. Stat. § 524.5-313(c):

- all powers therein,
- or
- only those under paragraphs 1, 2, 3, 4, 5, 6, and 7;

and

Conservator:

WILLIAM L. JOHNSON and JILL E. STARR are qualified and hereby authorized to act as Conservators of the Protected Person, with all of the powers and authority prescribed by statute as shown on the order appointing Conservators, the terms of which order are incorporated herein by reference including the powers under Minn. Stat. § 524.5-417(c):

- all powers therein,
- or
- only those under paragraphs 1, 2, 3, 4, 5, and 6;

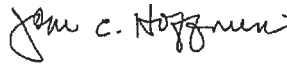
and each Guardian and Conservator has such other powers and duties granted under applicable law.

I do hereby certify that this instrument is a true and correct copy of the original on file and of record in my office, and that as of the date hereof, said Letters were in full force and effect.

Dated 1-31-19
 Court File No. 82-PR-18-5068
 Court Administrator
 Washington County, MN
 By [Signature]
 Deputy

Letters of Guardianship and Conservatorship
Court File Number: 10-PR-17-5

Hoffman, John
(Washington Judge)
2019.01.23 13:15:20
-06'00'



Dated: _____

Judge of District Court

Present Address and Telephone Number of
Ward/Protected Person

LILLIAN B. JOHNSON
6764 Manning Ave N
Stillwater, MN 55082
651.439.9489

Present Address and Telephone Number of
Guardian/Conservator

WILLIAM L. JOHNSON
10085 Bridgewater Bay
Woodbury, MN 55129
651.269.0720

William L Johnson
10085 Bridgewater Bay
Woodbury MN 55129

Notice to New Conservators
IMPORTANT
Read and Retain for Your Information

In Re the Guardianship/Conservatorship of: Lillian B. Johnson

Court records show that you were recently appointed as conservator in the above case. One of your responsibilities as conservator will be to regularly report to the court about the assets you handle on behalf of the protected person. These reports are to be submitted online via MMC. To get started, go to www.mncourts.gov/conservators. There, you will also find an educational video about the roles and responsibilities of guardians and conservators. You are required to watch the educational video so you clearly understand your responsibilities.

To start your reports, access the link to MMC. On your initial visit, you will be directed to MyCourtMN where you will set up your profile and password to access the program. You must have an email address to set up your account.

Your Letters of Conservatorship were issued on **January 23, 2019**. This is now an important anniversary date for you and marks the **period ending date** of your annual account each year. MMC has tools to help you remember or set up your own system to remind yourself in sufficient time to finalize and submit your report timely each year. You may work on your report throughout the year, but only submit it once per year.

The following reports are required by court-appointed conservators unless otherwise instructed by the court. Copies of these reports must be served in person or by mail on the protected person and other interested persons and the affidavit of service must be filed with the Court.

- **Inventory** – This is the initial listing of assets of the protected person that you assumed responsibility for upon your appointment. This report is to be submitted no later than 60 days from the date your Letters of Conservatorship were issued.
- **Annual Account** – This report covers the one-year period from anniversary date to anniversary date of your appointment each year. This report must be submitted no later than **60 days after your period ending date**.
- **Annual Notice of Right to Petition for Restoration to Capacity** – This is a notice that must be served on the protected person each year. Upon submitting the annual account, you will be documenting that you have served this notice. This notice is available through the court forms page at www.mncourts.gov/forms.
- **Only if you are also the Guardian: Personal Well-Being Report** – This report covers the one-year period from anniversary date to anniversary date of appointment each year. This report must be submitted no later than 60 days of your period ending date. If you have not been court appointed as a guardian, do not prepare this report. This form is available through the court forms page at www.mncourts.gov/forms.

Your accounts are subject to review and will be formally audited before being approved by the court. To help you in preparing for your new accounting responsibilities, you will find enclosed a general tip sheet on how to maintain your financial accounts and records to help ensure a successful audit. At such time as your account is reviewed or audited, you will be contacted by CARP (Conservator Account Review Program) or CAAP (Conservator Account Auditing Program) personnel requesting your supporting documentation along with instructions about how to submit your materials.

The conservator home page includes information and tools for completing the online reports. Help with questions about how to use MMC is also available via the Conservator Help Line at 763-279-0176. Guidance on technology issues is available via a link to the Service Desk at the bottom of the home page.

Dated: January 29, 2019

Annette Fritz
Court Administrator
Washington County District Court

MEMO

Date: September 9, 2019

To: City of Grant
Planning Commission

From: Lillian B. Johnson & William L. Johnson Guardian / Conservator

RE: Variance Request - Septic - 6764 Manning Avenue North

Dear Committee,

We are in the process of selling my mothers home at 6764 Manning Avenue N. I am a conservator and guardian for her.

In the process of selling the home, we had to perform a septic inspection, which failed. Since the inspection in April, we have been pushing to get designs and pricing for an acceptable septic solution.

Please see attached design.....To provide an acceptable solution per the state certified designer, we need to remove the old septic tank and replace with (3) new tanks. The third tank has a pump that moves the liquid 160' up the hill to the front of the home into a new pressurized drain field. A number of installers have looked at the design and said it is a great plan for the property.

After submitting the plan to Washington County, we were told that we need to file for a Variance with the City of Grant due to the proximity of the holding tanks to the wetland. On most years since my parents purchased the home in 1979, the actual pond would have provided the required setback. With higher water this year, it is within the required space. The new tanks are going in the same proximity as the current septic tank. The drain field is outside of the setback.

Attached is a letter from Karen Kill from Brown's Creek Wathershed District. She is comfortable with us replacing the tanks in the location of the existing and said that the buffer requirements would not apply.

We are excited for the new owners, but need this resolved so we can take care of the septic and get it replaced and installed this fall. Please let me know if you have any questions or comments. My cell is 651-269-0720. bjohnson@northlandrec.com

Sincerely,

 9-9-19

William L. Johnson - Guardian / Conservator for Lillian B. Johnson

Michael Schmidt - Purchaser of 6764 Manning Avenue N

From: Karen Kill <KKill@mnwcd.org>
Sent: Monday, September 9, 2019 10:46 AM
To: bjohnson@northlandrec.com; City of Grant
Subject: 6764 Manning Ave N, Grant - Septic

Bill,

Thank you for your call today regarding a septic replacement at 6764 Manning Ave N in the city of Grant.

I understand that the property has not been subdivided or subject to a new use; therefore, the Brown's Creek Watershed District buffer requirements would not apply.

Note that projects disturbing >5,000 square feet or 50 cubic yards of material will require an erosion control permit from Brown's Creek Watershed District to prevent soil from leaving the site. You can access a permit application on our website at www.bcwd.org. The permit is administrative. Feel free to give a call and we can go over what is needed (such as drawing on your plan where silt fence will go and what the area will be planted with to get it revegetated after the septic has been replaced). This is a quick process, so it would be best to work with the City and County on approvals for your septic first.

Best Regards,
Karen

Karen Kill
Administrator
Brown's Creek Watershed District
455 Hayward Ave N
Oakdale, MN 55128
651-330-8220 x26 (office)
651-331-8316 (cell)
www.bcwd.org



STAFF REPORT

TO: Mayor and City Council
 Kim Points, City Administrator/Clerk
 David Snyder, City Attorney

From: Jennifer Haskamp
 City Planner

Date: October 27, 2019

RE: Variance from wetland setbacks to install a replacement septic system at 6764 Manning Avenue North

Background

The Applicant William Johnson (“Applicant”) on behalf of the Owner Lillian Johnson, has requested a variance from wetland setbacks for installation of a new septic system on the property located at 6764 Manning Avenue North. The Applicant is working to sell the property on behalf of his mother, and during the real estate transaction process the existing system was determined to be noncompliant. The Applicant has been working with Washington County to acquire a permit for installing the new system, and they were notified by the County that the location of the replacement system is within the City’s required wetland setbacks and thus would need to obtain a variance from the city prior to being issued a permit for installation of the new system.

The Applicant would like to have the new system installed this fall so that the property can be sold. Given the timing of this request, Staff has duly noticed the public hearing for the November 4, 2019 City Council meeting so that a determination can be made.

The following staff report summarizes the requested variance, and existing conditions of the site. A draft resolution of approval with conditions is provided for your review and consideration. (Attachment A).

Project Summary

Applicant: William Johnson (Conservator)	Site Size: 1.46 Acres
Owner: Lillian Johnson	Location: 6064 Manning Avenue North
	Existing Home: Constructed in 1959
	Zoning & Land Use: A1
Request: Variance from wetland setbacks and grading buffer to install a replacement subsurface sewage treatment system (ISTS) at the existing home	

As referenced above, the Applicant has requested the following variance:

- Request for variance from wetland setback requirements to allow for installation of a replacement septic system on the subject property.



The Applicant has stated that the existing sewage treatment system that served the home is noncompliant and must be replaced prior to selling the home. According to the Applicant's narrative, and the documentation provided by the septic designer, the only location on site that can adequately support a replacement system is the proposed location which encroaches into both the sewage treatment setback from a wetland and the no-build wetland buffer.

Review Criteria

City Code Sections 32-59 and 32-60 establish the criteria to review and approve variance requests. The variance application process requires the Applicants to prepare a statement of reasons why the request is made describing the hardship (or practical difficulty) describing how, "the proposed use of the property and associated structures in question cannot be established under the conditions allowed by this chapter or its amendments and no other reasonable alternate use exists; however, the plight of the landowner must be due to physical conditions unique to the land, structure or building involved and are not applicable to other lands, structures or buildings in the same zoning district....Economic considerations alone shall not constitute a hardship." The Applicant's statement can be found in Attachment B, which includes description from the Septic Designer describing the reason for the proposed septic location.

Existing Site Conditions

The subject property is a small lot surrounded by larger tracts of land and is regularly shaped. The existing lot is likely an original homestead location that at one time was probably associated with the surrounding agricultural uses. The lot has primary frontage and access on Manning Avenue North which is the eastern property line. The site is heavily vegetated, with a small clearing for the principal and accessory structures. Based on the GIS and National Wetland Inventory (NWI) information there is a wetland/pond area on the western edge of the property, and the site generally slopes east-to-west. There is an existing principal structure which was constructed in 1959, and it is assumed that the current septic system was installed in and around the time the principal structure was constructed. There is an existing detached garage located southwest of the principal structure, which is adjacent to the principal structure and both are accessed from a curvilinear driveway that connects to Manning Avenue N. Because the lot size is relatively small, the area exclusive of the developed area, wetlands, and setback areas is constrained leaving few available locations to site a new/replacement septic system.

Variance Requests – Zoning Standards

The wetland setbacks are established in Chapter 12 of the City's Code, which breaks down the applicable standards for wetland by type, unclassified and classified water bodies. The following description of the variance and standard is identified in the following table (See Attachment B for site plan):



Standard	Required	Proposed	Variance	Description
Wetland	75'	50' +/-	25' +/-	There is an existing wetland/pond area located west and northwest of the existing home. Given existing conditions, the principal structure is located approximately 50-feet at its closest location to the wetland. Any replacement system west of the home will encroach into the 75-foot setback given the location of the principal structure on the property.
Wetland Buffer	50'	-40'	10'	The no-grade/no-touch buffer is measured from the wetland edge. Since a wetland delineation was not completed, the exact edge of the wetland cannot be verified and therefore contours were used by the septic designer. As a result, it is possible that at time of grading and installation the buffer area may be disturbed.

Lot Size/Constraints

The Applicants’ lot was created some time in the 1950s and the existing home was constructed in 1959. At the time, the lot and home likely complied with the adopted lot standards and may have been a part of a larger farmstead. Since the 1970s lot size and area standards have changed and as a result the lot is now considered a legal non-conforming lot with respect to size, area and dimensions. Given that the existing lot area and dimensions are significantly smaller than those that regulate lots today, it would be nearly impossible to site a replacement septic system on the property and meet all the current setback requirements. The lot is naturally constrained not only by natural features on the property (wetlands and hydric soils) but also by the non-conforming nature of the lot area and dimensions. Further, due to the location of the existing home, the detached accessory garage and the well which serves the residence the location that a septic system could be sited is further reduced. To that end, the proposed plan requires the drainfield to be located in front of the home (east) and for a 2” supply line be installed for the pressurized drainfield further demonstrating the constraints associated with the lot. Staff believes the proposed location of the replacement system is reasonable and is properly located based upon topography and other natural site limiting factors, and that the variances requested has been minimized to the extent possible. Additionally, the Applicant must remedy the situation to comply with the standards for septic systems as identified by Washington County to sell the property.

Engineering Standards

The City Engineer is reviewing the attached Certificate of Survey and submitted materials. Staff will provide a verbal update at the City Council meeting if any additional concerns are identified.

Other Agency Review

The site is located in the Browns Creek Watershed District, and the Applicant has been in contact with Karen Kill to determine whether any permits are required. As noted in the email exchange between Ms. Kill and Mr.



Johnson, buffer requirements are not triggered on this property because it is not a change in use. However, it was noted that a grading permit may be required from BCWD if quantities exceed 50 CY. As referenced previously, the Applicants must obtain a permit from the Washington County Department of Public Health and Environment prior to installation of the system, as they are the permitting authority for new and replacement septic systems in the City.

Summary – Draft Findings and Conditions

The following draft findings related to the hardship (practical difficulty) are provided for your review and consideration:

- The Applicants must replace the failing system to comply the standards of the Washington County Department of Public Health and Environment, and for the safety of the home and any of its occupants.
- Replacement of the failing system is a health, safety, and welfare issue and must be completed to the satisfaction of Washington County to protect the current, and any future, homeowners as well as any adjacent properties which could be affected if the noncompliant system were to remain.
- The subject property is considered a legal non-conforming lot with respect to size, area and dimensions which constrains the buildable area on the site and limits the available locations to site a replacement septic system.
- The available area to site a replacement system is constrained given the existing home, accessory buildings, driveway and wetland/pond area onsite.

Draft Conditions as noted in the Attached Resolution:

- The Applicants shall be required to obtain the proper permits from the Washington County Department of Public Health and Environment prior to installation of the replacement system.
- The replacement system must be placed outside of all wetland/ponding areas on the site.
- The Applicants shall be required to obtain any necessary permits and/or approvals from the Browns Creek Watershed District prior to installation. A copy of any correspondence or permits shall be provided to the city prior to installation of the new system.

Action requested:

Staff recommends approval of the requested variances with conditions as noted. A draft resolution of approval for your review and consideration is provided in Attachment A.

Attachments

Attachment A: Resolution 2019-XX

Attachment B: Application and Applicant's Narrative dated 9/11/2019

**CITY OF GRANT, MINNESOTA
RESOLUTION NO. 2019-20**

**RESOLUTION APPROVING A VARIANCE FROM WETLAND/POND SETBACKS FOR
INSTALLATION OF A REPLACEMENT SUBSURFACE SEWAGE SYSTEM LOCATED AT
6764 MANNING AVENUE NORTH, GRANT, MN**

WHEREAS, William Johnson (“Applicant”) on behalf of Lillian Johnson (“Owner”) has submitted an application for a variance from wetland/pond setback to install a replacement subsurface sewage system located at 6764 Manning Avenue N., in the City of Grant, Minnesota; and

WHEREAS, the home was constructed in 1959 and the existing subsurface sewage treatment system is assumed to have been installed in or around that time; and

WHEREAS, the Applicant intends to sell the subject property on behalf of the Owner, and was informed that the existing septic system is noncompliant; and

WHEREAS, the Applicant contacted Washington County because they are the permitting authority for septic systems in the City of Grant; and

WHEREAS, the Applicant must remedy the noncompliant septic system and install a new replacement system which complies with the rules and regulations of Washington County; and

WHEREAS, a septic permit for the replacement system cannot be obtained from Washington County without the stated variance from the City’s ordinances being granted; and

WHEREAS, the City Council has considered the Applicant’s request at a duly noticed Public Hearing which took place on November 4, 2019.

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRANT, WASHINGTON COUNTY, MINNESOTA, that it does hereby approve the request of William Johnson, based upon the following findings pursuant to Section 32-59 and 32-60 of the City’s Zoning Ordinance which provides that a Variance may be granted if a hardship/practical difficulty is demonstrated. The City Council’s Findings relating to the standards are as follows:

- The Applicant must replace the failing system to comply the standards of the Washington County Department of Public Health and Environment, and for the safety of the home and any of its occupants.
- Replacement of the failing system is a health, safety, and welfare issue and must be completed to the satisfaction of Washington County to protect the current, and any future, homeowners as well as any adjacent properties which could be affected if the noncompliant system were to remain.

- The subject property is considered a legal non-conforming lot with respect to size, area and dimensions which constrains the buildable area on the site and limits the available locations to site a replacement septic system.
- The available area to site a replacement system is constrained given the existing home, accessory buildings, driveway and wetland/pond area onsite.

FURTHER BE IT RESOLVED, that the following conditions of approval of the Variances shall be met:

1. The Applicants shall be required to obtain the proper permits from the Washington County Department of Public Health and Environment prior to installation of the replacement system.
2. The replacement system must be placed outside of all wetland/ponding areas on the site.
3. The Applicants shall be required to obtain any necessary permits and/or approvals from the Browns Creek Watershed District prior to installation. A copy of any correspondence or permits shall be provided to the city prior to installation of the new system.

Adopted by the Grant City Council this 4th day of October 2019.

Jeff Huber, Mayor

State of Minnesota)
) ss.
 County of Washington)

I, the undersigned, being the duly qualified and appointed Clerk of the City of Grant, Minnesota do hereby certify that I have carefully compared the foregoing resolution adopted at a meeting of the Grant City Council on _____, 2019 with the original thereof on file in my office and the same is a full, true and complete transcript thereof.

Witness my hand as such City Clerk and the corporate seal of the City of Grant, Washington County, Minnesota this _____ day of _____, 2019.

Kim Points
 Clerk
 City of Grant

CITY OF GRANT
MINUTES

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DATE : **October 1, 2019**
TIME STARTED : **7:00 p.m.**
TIME ENDED : **9:08 p.m.**
MEMBERS PRESENT : **Councilmember Kaup, Rog, Giefer,
and Mayor Huber**
MEMBERS ABSENT : **Carr**

Staff members present: City Attorney, Dave Snyder; City Engineer, Brad Reifsteck; City Treasurer, Sharon Schwarze; and Administrator/Clerk, Kim Points

CALL TO ORDER

The meeting was called to order at 7:00 p.m.

PUBLIC INPUT

No one was present for public input.

PLEDGE OF ALLEGIANCE

SETTING THE AGENDA

Council Member Kaup moved to approve the agenda, as presented. Council Member Rog seconded the motion. Motion carried unanimously.

CONSENT AGENDA

September 3, 2019 City Council Meeting Minutes	Approved
September 2019 Bill List, \$54,734.37	Approved
Kline Bros. Excavating, Road Work, \$9,125.00	Approved
Northern Salt, 2019 Dust Control, \$22,801.66	Approved
H&R Construction, Jocelyn Road Guard Rail, \$20,712.50	Approved
City of Mahtomedi, 3 rd Quarter Fire Contract, \$35,346.50	Approved

1 Allied Blacktop, 2019 Seal Coating, \$88,882.50 Approved

2
3 **Council Member Kaup moved to approve the consent agenda, as presented. Council Member**
4 **Giefer seconded the motion. Motion carried unanimously.**

5
6 **STAFF AGENDA ITEMS**

7
8 **City Engineer, Brad Reifsteck**

9
10 **PUBLIC HEARING, Consideration of Resolution No. 2019-18, Ordering the Improvements for**
11 **the 2019 Street Improvement Project** – City Engineer Reifsteck advised for Council consideration
12 this evening is a resolution ordering the public improvements for the following Streets:

- 13
- 14 • Janero Court N
- 15 • Justen Trail N
- 16 • Grenelefe Ave N
- 17 • Jody Ave & Ct N
- 18 • 103rd Street & Ct N
- 19 • Juno Ave N.
- 20 • Joliet Ave N
- 21 • 101st St N.
- 22 • Kellman Ct

23
24 The City Council authorized preparation of the Feasibility Report for the project area on May 7th,
25 2019 and received the Feasibility Report on September 3rd, 2019.

26
27 As identified in the Feasibility Report, total project cost is estimated to be \$1,963,382 including
28 construction, legal, engineering, administrative, and finance costs.

29
30 The City notified affected property owners and persons expressing interest in the project of the
31 scheduled Improvement Hearing within the minimum 10-day notification requirement and published
32 the notice of hearing in the City’s official newspaper for two weeks.

33
34 The improvements are anticipated to be funded by special assessments to benefitting properties, in
35 accordance with the Assessment Policy, adopted by City Council.

36
37 **Council Member Giefer moved to open the public hearing at 7:17 p.m. Council Member Kaup**
38 **seconded the motion. Motion carried unanimously.**

39
40 Ms. Brenda Bengi, 10190 Jody Avenue Court, came forward and asked if a study had been done on
41 who is using Joliet Avenue. She also inquired if the County would help pay for the project and if the
42 assessment could be paid up front.

43
44 Mr. Denny Weiler, Jody Court, came forward and asked how the process passes in terms of the
45 project and noted Jody Court North does not need to be repaved.

- 1
- 2 Mr. Glenn Larson, 10350 Jody Avenue Court North, came forward and said the road does not need to
- 3 be repaired as there are only six residents on that road. It is not a good value and he stated he is
- 4 adamantley opposed to the project. He asked if it is possible for the six property owners there to opt
- 5 out of the project if it moves forward. He stated such a thick base does not have to be done on Joliet.
- 6 He added he accepts the roads within the City are not as nice as other communities but there are trade
- 7 offs.
- 8
- 9 Ms. Erin Donovan, 9840 Justen Trail, came forward and stated at the last meeting there were very
- 10 different numbers on the project and she did not realize the project was so big. The repairs on Joliet
- 11 are more numerous than Justen and the costs are just astronomical.
- 12
- 13 Mr. Bob Brandt, 9800 Janero, came forward and asked if residents are assessed at frontage amounts
- 14 and if not that should be taken into consideration.
- 15
- 16 Ms. Waltraud Brogen, 9970 Joliet Avenue, came forward and stated about one third of these residents
- 17 go through on Joliet but don't live there. Everyone uses that road and it has been very bad for a long
- 18 time.
- 19
- 20 Mr. Andy Haak, 10030 103rd Street, came forward and stated he was involved in the original project
- 21 getting the road paved. Everyone complained at that time but something has to be done with these
- 22 roads as they are unsage. He stated he would have to pay for tow lots but it is a benefit to the area and
- 23 the City.
- 24
- 25 Mr. Scott Johnson, 10031 103rd Street, came forward and indicated he agrees the roads need work but
- 26 they are not as bas as other placed and don't need to be entirely torn up and redone.
- 27
- 28 Mr. Matt Schuler, 9819 Joliet Avenue, came forward and stated he wants nice roads but does not
- 29 want to pay for it. He asked if there are any other options.
- 30
- 31 Mr. Dick Donohoo, 10401 Kelman Court, came forward and stated he is opposed to the project as
- 32 presented. The process has not followed the road policy and presents the most expensive option for
- 33 Joliet and less expensive for the other roads. The City should go back to the citizens and ask them
- 34 what they want.
- 35
- 36 Mr. Ron Vasko, 10150 10ast Street, came forward and asked if the Woodland Acres park meets the
- 37 buildable lot requirements and if the bids received for the project are public.
- 38
- 39 Mr. John Evans, 10191 103rd Street, came forward and stated he is in favor of the project and hopes to
- 40 find a way to fix the roads noting Joliet is by far the worst.
- 41 Ms. Nancy Lorntson, 9730 103rd Street, came forward and referred to the buildable lots noting the
- 42 Association owns a lot and she is interested to see how that is handled. The city also owns a parcel
- 43 and she asked they City would be assessed. There are large properties on Joliet Avenue and asked if
- 44 they are assessed more anddddd also when the final assessment would be figured out.
- 45

1 Mr. Mark Bauer, 9900 Justen Trail North, came forward and stated he does not feel like he has
2 enough information to make a determination.

3
4 Mr. Adam Walsh, 101st Street, came forward and stated he does not want to pay for the road either
5 but the road has to be fixed. He also inquired about the bid process.

6
7 Mr. Jeff Ball, 101st Street, came forward and stated he is a big supporter for road maintenance if the
8 road project is done.

9
10 Staff advised the City received written comments of opposition from the property owners below:

- 11
12 10081 103rd Street North
13 9820 Justen
14 10290 Jody Avenue North
15 10336 Jody Avenue North
16 10250 Jody Avenue North
17 9780 Justen Trail North
18 Shannon Bryant

19
20 The City received written comment in support of the project from the property owner below:

- 21
22 10370 Jody Avenue Court North

23
24 **Council Member Kaup moved to close the public hearing at 8:02 p.m. Council Member Rog**
25 **seconded the motion. Motion carried unanimously.**

26
27 **Council Member Kaup moved to table Resolution No. 2019-18 to the November City Council**
28 **Meeting. Council Member Rog seconded the motion. Motion carried unanimously.**

29
30 Mayor Huber called for a five minute recess at 8:30 p.m.

31
32 Mayor Huber reconvened the meeting at 8:39 p.m.

33
34 It was the consensus of the Council to direct staff to bring back dollar amounts relating to a 7 ton
35 roadway on Joliet, as well as overlay options.

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39 **City Planner, Jennifer Swanson (no action items)**

40
41 **City Attorney, Dave Snyder (no action items)**

42
43 **NEW BUSINESS**

44
45 There was no new business.

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UNFINISHED BUSINESS

There was no unfinished business.

DISCUSSION ITEMS (no action taken)

Staff Updates (updates from Staff, no action taken)

City Council Reports/Future Agenda Items

No items were placed on a future agenda.

COMMUNITY CALENDAR OCTOBER 2 THROUGH OCTOBER 31, 2019:

**Mahtomedi Public Schools Board Meeting, Thursday, October 10th and October 24th,
Mahtomedi District Education Center, 7:00 p.m.**

**Stillwater Public Schools Board Meeting, Thursday, October 10th, Stillwater City Hall, 7:00
p.m.**

Washington County Commissioners Meeting, Tuesdays, Government Center, 9:00 a.m.

ADJOURNMENT

**Council Member Kaup moved to adjourn the meeting at 9:08 p.m. Council Member Rog
seconded the motion. Motion carried unanimously.**

These minutes were considered and approved at the regular Council Meeting November 4, 2019.

Kim Points, Administrator/Clerk

Jeff Huber, Mayor

RESOLUTION NO. 2019-21

A RESOLUTION ACCEPTING RESIGNATION AND DECLARING A VACANCY.

WHEREAS, the Grant City Council has received the written resignation of Mr. Denny Kaup, effective on November 5th, 2019.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRANT MINNESOTA AS FOLLOWS:

1. The Council accepts Mr. Denny Kaup's resignation as described above.
2. The Council declares that a vacancy exists on the City Council effective on November 5, 2019.

Passed by the City Council of Grant, Minnesota this 4th day of November, 2019.

Mayor

Attested:

City Clerk

City Council Report for October 2019

To: Honorable Mayor & City Council Members

From: Jack Kramer Building & Code Enforcement Official

Zoning Enforcement:

1. Arthur & Mary O'Shaefer Family Trust (Two Silos Farm House 0 3396 Glen Oaks Ave. St. Paul, MN.
Violation of Grant City Code Section 32-245 Table of Uses.

a. The City recived a formal complaint that the property owner is renting the current house for lodging purposes as well a commercial use for the storage of boats and pontoons.

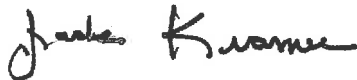
Upon investigation of the property the lodging use is non-permitted, however the boat storage is allowed by the issuance of a Certificate of Compliance.

I spoke with a representative of the property and it was noted that the use of the property may change and they have scheduled a meeting with the City Planner.

Building Activity:

1. Twenty-Two (22) Building Permits were issues for this period.

Respectfully submitted,



Jack Kramer

Building & Code Enforcement Official

2019-191	Bathroom	Mene	11505 Hillcrest Ct. N.	8/30/2019	\$ 44,975.16	\$ 593.75	\$ 445.31	\$ -	\$ 22.48
2019-192	Screen Porch	Switz	9750 Joliet Ave. N.	8/30/2019	\$ 14,000.00	\$ 237.25	\$ 177.93	\$ 154.21	\$ 7.00
2019-193	Garage	Donovan	9840 Justen Trail N.	8/30/2019	\$ 58,880.00	\$ 706.75	\$ 530.06	\$ 459.38	\$ 29.44
2019-194	Deck	Donovan	9840 Justen Trail N.	8/30/2019	\$ 16,000.00	\$ 265.25	\$ 198.93	\$ 172.41	\$ 8.00
2019-195	Deck	Zionis	10415 Jamaca Ave. N.	8/30/2019	\$ 18,000.00	\$ 293.25	\$ 219.93	\$ -	\$ 9.00
2019-196	Addition	Jones	10270 Kismet Isle	8/30/2019	\$ 110,000.00	\$ 1,049.75	\$ 787.31	\$ 682.33	\$ 55.00
2019-197	Re-Siding	Nuss	9100 Joliet Ave. N.	9/3/2019	\$ 103,210.00	\$ 1,016.15	\$ 762.11	\$ -	\$ 51.60
2019-198	Re-Roof	Kraus	7334-101st. St.N.	9/3/2019	\$ 15,965.00	\$ 265.25	\$ 198.93	\$ -	\$ 7.98
2019-199	Re-Roof	Johnson	6764 Manning Ave. N.	9/4/2019	\$ 9,000.00	\$ 167.25	\$ 125.43	\$ -	\$ 4.50
2019-200	HVAC	Hillman	10901-66th. St.N.	9/6/2019	N/A	\$ 80.00	\$ 60.00	\$ -	\$ 1.00
2019-201	Plumbing	Menne	11505 Hillcrest Ct. N.	9/5/2019	N/A	\$ 80.00	\$ 60.00	\$ -	\$ 1.00
2019-202	Re-Siding	Hiber	6390 Jamaca Ave.N,	9/9/2019	\$ 45,500.00	\$ 603.85	\$ 452.88	\$ -	\$ 22.75
2019-203	Drain tile	Schwartz	8540 Jewel Ave. N.	9/9/2019	\$ 5,350.00	\$ 125.25	\$ 93.93	\$ -	\$ 2.67
2019-204	Windows	Schmid	10911-69th. St.N.	9/9/2019	\$ 23,790.00	\$ 377.35	\$ 283.01	\$ -	\$ 11.85
2019-205	HVAC	Way	7210 Jocelyn Rd. N.	9/10/2019	N/A	\$ 80.00	\$ 60.00	\$ -	\$ 1.00
2019-206	Retain Wall	Unklesbay	9120-110th. St. N.	9/10/2019	\$ 16,000.00	\$ 265.25	\$ 198.93	\$ 172.41	\$ 8.00
2019-207	Swim Pool	Ritt	11968 Ironwood Ave.N.	9/11/2019	\$ 25,000.00	\$ 391.75	\$ 293.81	\$ -	\$ 12.50
2019-208	HVAC	Erickson	9150-64th. St. N.	9/12/2019	N/A	\$ 80.00	\$ 60.00	\$ -	\$ 1.00
2019-209	HVAC	Saterback	8220-103rd. St.N.	9/12/2019	N/A	\$ 80.00	\$ 60.00	\$ -	\$ 1.00
2019-210	Plumbing	Saterback	8220-103rd. St.N.	9/12/2019	N/A	\$ 80.00	\$ 60.00	\$ -	\$ 1.00
2019-211	Bath Remodel	Schwieters	6400 Keswick Ave.	9/12/2019	\$ 63,444.00	\$ 741.75	\$ 556.31	\$ -	\$ 31.72
2019-212	HVAC	Rivas	9370 Ivy Ave.N.	9/13/2019	N/A	\$ 240.00	\$ 180.00	\$ -	\$ 3.00
Monthly total					\$ 569,114.16	\$ 7,819.85	\$ 5,864.81	\$ 1,640.74	\$ 293.49