

## VILLAGE BOARD

Monday, January 23, 2017

7:00 P.M.

McFarland Municipal Center  
Community Room

### AGENDA

1. CALL TO ORDER.
2. ATTENDANCE ROLL CALL.
3. PROCLAMATION
  - a. Designating January 16-20, 2017 as adult school crossing guard recognition week in McFarland.
4. PUBLIC APPEARANCES.
5. PUBLIC ANNOUNCEMENTS AND COMMUNICATIONS.
  - a. Public Announcement
    - (1) Public Works yard/brush site closed until Spring
    - (2) Absentee Voting for Spring Primary begins January 30<sup>th</sup> (*Photo ID required*)
    - (3) Property Tax Bills – First installment due January 31st
  - b. Public Communications
    - (1) 2016 Bridge Inspection Report
6. CONSENT AGENDA.
  - a. Motion to approve pre-paid check #68054-68101 in the amount of \$6,806,116.15 and current checks #68102-68211 in the amount of \$472,528.67.
  - b. Motion to approve the minutes of the January 9, 2017 Village Board meeting.
  - c. Motion to approve recommendation from Police Chief Sherven that the alcohol beverage operator's license for Musthfa Munishi (Kwik Trip) be approved.
7. BUSINESS.
  - a. PUBLIC SAFETY COMMITTEE
    - 1) Discussion and possible action on ordinance 2017-01: an ordinance to amend the alternate side winter parking ordinance.
    - 2) Discussion and possible action on requesting submittals of a Statement of Qualifications for the Facility Security System Planning Project.
  - b. PUBLIC UTILITIES COMMITTEE
    - 1) Discussion and possible acceptance of the Well Head Protection plan prepared by the Wisconsin Rural Water Association.
  - c. Discussion and possible action on approving a 60-day extension for the final Prairie Place subdivision plat.

- d. Discussion and possible action regarding the acceptance of a proposal to develop a Village Facilities Master Plan.
  - e. Discussion and possible action to award the sale of the replacement apparatus vehicle within the Fire/EMS Department.
  - f. Authority, Board, Commission, and Committee agenda item requests, referrals, and updates.
8. CLOSED SESSION. Motion to convene in closed session in accordance with Wis. Stats. §19.85(1)(e) to deliberate or negotiate the investment of public funds or other specified public business whenever competitive or bargaining reasons require a closed session, specifically to consider an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3.
9. OPEN SESSION. Motion to adjourn the Closed Session and reconvene in Open Session to discuss and take action on items of business discussed in Closed Session.
- a. Discussion and possible action regarding an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3.
10. ADJOURNMENT.

**NOTES:**

- 1) Persons needing special accommodations should call 838-3153 at least 24 hours prior to the meeting.
- 2) More specific information about agenda items may be obtained by calling 838-3153.

*This agenda was posted, or caused to be posted, by my hand on the of 20<sup>th</sup> of January, 2017 the following three (3) posting places in the Village of McFarland, to wit: McFarland Municipal Center, 5915 Milwaukee Street; E.D. Locke Public Library, 5920 Milwaukee Street; and McFarland State Bank, 5990 Hwy 51.*

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*Cassandra Suettinger, Clerk/Deputy Treasurer*



## Memorandum

To: Village Board of Trustees  
From: Matthew G. Schuenke, Village Administrator/Treasurer  
Date: January 20, 2017  
Re: **Village Board Meeting – January 23, 2017**

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### 3. PROCLAMATION

**a. Designating January 16-20, 2017 as adult school crossing guard recognition week** – A proclamation offered to recognize the service of our adult school crossing guards that assist children safely crossing the street on their way to and from the school.

### 5. PUBLIC ANNOUNCEMENTS AND COMMUNICATIONS

#### **a. Public Announcements**

*(1) Public Works yard/brush site closed until Spring* – With Winter weather and Christmas tree drop off complete, the yard/brush site will be closed until Spring when the weather is more favorable for outdoor work.

*(2) Absentee Voting for Spring Primary begins January 30<sup>th</sup> (Photo ID required)* – The Spring Local Primary is scheduled for Tuesday, February 21<sup>st</sup> and will be held at the McFarland Municipal Center.

*(3) Property Tax Bills – First Installment due January 31<sup>st</sup>* – Property Tax Collection seasons for the Village is winding down with at least the first installment payment due on January 31<sup>st</sup>. After this period, Dane County Treasurer takes over collection until the final installment payment is due on July 31<sup>st</sup>.

#### **b. Public Communications**

*(1) 2016 Bridge Inspection Report* – Annually the Village inspects its bridges for possible deficiencies. The report for 2016 is included in your packets with no major problems noted.

### 6. CONSENT AGENDA

**a. Motion to approve pre-paid checks #68054-68101 in the amount of \$6,806,116.15 and current checks #68102-68211 in the amount of \$472,528.67** – Amounts for this period are especially high because they include the tax settlement checks with other taxing jurisdictions for amounts collected as of December 31, 2016. Presented for approval.

**b. Motion to approve the minutes of the January 9, 2017 Village Board meeting** – Presented for approval.

**c. Motion to approve recommendation from Police Chief Sherven that the alcohol beverage operator's license for Musthfa Munishi (Kwik Trip) be approved** – Presented for approval.

7. BUSINESS

**a. PUBLIC SAFETY COMMITTEE**

- 1) *Discussion and possible action on ordinance 2017-01: An ordinance to amend the alternate side winter parking ordinance* – The Committee discussed some tweaks to the language for vehicles needing to park on the street during the Winter season. The previous language was not as clear as what is proposed in order to help clarify its application for Staff and the Public going forward. Recommended for approval.
- 2) *Discussion and possible action on requesting submittals of a Statement of Qualifications for the Facility Security System Planning Project* – Picking up where we left off in the Fall, Staff has prepared a draft SOQ to request from prospective vendors to assist in the process of upgrading our safety and security of all of our facilities. The RFP issued last Fall addressed only access control and this process will look at all aspects of our facility needs culminating with a Final Comprehensive report the Village can then work with the consultant to implement as prioritized within the report. Implementation of the improvements will likely take place over several years as funds are made available with the objective to improve the safety and security of our facilities for all users. Recommended for approval.

**b. PUBLIC UTILITIES COMMITTEE**

- 1) *Discussion and possible acceptance of the Well Head Protection plan prepared by the Wisconsin Rural Water Association* – The Village began this process last fall to work on a plan that would help protect our water supply which comes from our deep water wells. The Plan has been completed and reviewed by the Public Utilities Committee. One of the main components of the Plan is the establishment of a Well Head Protection Overlay District within our Zoning Code. These requirements establishment regulations against the location of possible land uses within various proximities of the well that might compromise its use. It is recommended that the Plan be accepted and the ordinance be referred to the Plan Commission for a Public Hearing and consideration at its meeting on March 20<sup>th</sup>.

**c. Discussion and possible action on approving a 60-day extension for the final Prairie Place subdivision plat** – The Village has already approved the Preliminary Plat for this project in 2016 and submitted the final plat in December for consideration. It came at a time where it could not be reviewed at the December meeting of the Plan Commission and the January meeting had to be cancelled unexpectedly. The Village is able to extend the deadline for consideration of this document by 60 days and the plat will be considered at the meeting on February 20<sup>th</sup>. The Developer is agreeable to this action. Recommended for approval.

**d. Discussion and possible action regarding the acceptance of a proposal to develop a Village Facilities Master Plan** – The 2017 Capital Budget included funds to create a Facilities Master Plan in order to plan for our future growth and make recommendations on new amenities as may be desired. Both the Municipal Center and Library were constructed to allow for a second floor and the Public Works Facility will likely have expansion needs in the future. This plan will help us understand spatial what this sites can allow for as far as future growth and provide some budgetary estimates for capital improvement planning. The cost for this work is \$29,685 with an option for additional assessment of the Library mechanicals. The cost will be paid mostly through Tax Levy dollars in the Capital Projects Fund with a little assistance from the Utilities. Recommended for approval.

**e. Discussion and possible action to award the sale of the replacement apparatus vehicle within the Fire/EMS Department** – The 2017 Capital Budget approved the purchase of a replacement apparatus vehicle in the Fire/EMS Department. Specifications were developed by the Department and bids solicited near the beginning of the month. It takes about a year to construct the truck and will eventually be put into service late in 2017 or early 2018. All bids are due back to the Department by noon on Monday and the results reported to the Board in the meeting. Barring any unforeseen setbacks in the bid and/or pricing out of line with estimates, recommended for approval.

**f. Authority, Board, Commission, and Committee agenda item requests, referrals, and updates** – Requests for items of interest that need to be placed on future Village Board meeting agendas, referrals of issues to committees, and other general updates are appropriate at this time. Discussion and action of these interests and issues are discouraged as they have not been dually noticed on the official meeting agenda.

7. CLOSED SESSION. Motion to convene in closed session in accordance with Wis. Stats. §19.85(1)(e) to deliberate or negotiate the investment of public funds or other specified public business whenever competitive or bargaining reasons require a closed session, specifically to consider an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3.
8. OPEN SESSION. Motion to adjourn the Closed Session and reconvene in Open Session to discuss and take action on items of business discussed in Closed Session.

**a. Discussion and possible action regarding an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3.**

Village of McFarland

**Proclamation**

January 23, 2017

WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION

# *A Proclamation*

*Whereas* Wisconsin's adult school crossing guards provide an invaluable service in helping to ensure the safe passage of our youngest, most vulnerable pedestrians, children walking between home and school; and

*Whereas* adult school crossing guards typically serve with a dedication that discounts the rigors of harsh weather, split shifts, and heavy traffic; and

*Whereas* for more than five decades, adult school crossing guards have served communities across Wisconsin; and that service has helped to drive down the rates of young pedestrian deaths and injuries, despite increases in traffic volume; and

*Whereas* adult school crossing guards add to the effectiveness of the student safety patrol members with whom they often serve and whose activity they help direct; and

*Whereas* adult school crossing guards help reinforce in the minds of the young people they assist the importance of traffic-hazard identification and safe street-crossing behavior;

*Therefore, be it resolved, that*

January 16-20, 2017, be declared Adult School Crossing Guard Recognition Week in the State of Wisconsin.

## ADULT SCHOOL CROSSING GUARD RECOGNITION WEEK



*Tony Gu*

State Superintendent of Public Instruction



Village of McFarland

**PUBLIC APPEARANCES, ANNOUNCEMENTS AND  
COMMUNICATIONS**

January 23, 2017



# DANE COUNTY DEPARTMENT of PUBLIC WORKS, HIGHWAY and TRANSPORTATION

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County Executive  
Joe Parisi

2302 Fish Hatchery Road ♦ Madison, Wisconsin 53713-2495  
Phone: (608) 266-4261 ♦ FAX: (608) 266-4269

Commissioner / Director  
Gerald J. Mandli

TO: Dane County Towns, Villages and Cities  
FROM: Greggar Petersen, P.E., Construction Engineer  
DATE: January 9, 2017  
SUBJECT: Bridge Inspection Reports

Enclosed are your bridge inspection reports for 2016. A billing has been made to your open account as per the agreement you signed with us for the inspection work and will be sent by the end of January when the books are closed. These reports have been electronically submitted to the State as required by law

Bridges with Major and Minor items requiring attention are shown on the Summary of Recommendations report and list maintenance actions to be considered. The inspection reports for bridges that do not have maintenance recommendations are included in the attached documents but are not listed on the summary sheet.

If you have questions about the inspection comments or if you would be interested in having the Highway Department review any bridge rehabilitation work please feel free to contact me at 266-9081 or by email at [petersen.greg@countyofdane.com](mailto:petersen.greg@countyofdane.com).

**SUMMARY OF RECOMMENDATIONS FOR**  
**VILLAGE OF MCFARLAND**

TERMINAL DRIVE

B-13-0470

No recommendations.



**STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION**

**Inspection Report for  
B-13-470**

**TERMINAL DR over CALUMET RR  
Oct 21, 2016**



Type	Prior	Frequency (mos)	Performed
Routine	10-29-14	24	X
SIA Review	10-02-12	48	X

Latitude 43°01'19.70"N  
Longitude 89°18'05.70"W

Owner VILLAGE  
Maintainer VILLAGE

**Time Log**

**Team members**

Hours	Minutes	
1	0	

Inspector	Name	Number	Signature	Date
	Hogden, Eric J	9556	<i>Eric J Hogden</i> E-signed by Eric Hogden(ehogden)	11-30-16

**BRIDGE INSPECTION REPORT**  
**Wisconsin Department of Transportation**  
**DT2007 2003 s.84.17 Wis. Stats.**

page 2

**Identification & Location**

Feature On: TERMINAL DR	Section Town Range: S34 T07N R10E	Structure Number: <b>B-13-470</b>
Feature Under: CALUMET RR	County: DANE	
Location 0.3M N JCT USH 51	Municipality: MCFARLAND	Structure Name:

**Geometry**

measurements in feet, except where noted

Approach Roadway Width: 32	Bridge Roadway Width: 36.0	Total Length: 232.1
Approach Pavement Width: 32	Deck Width: 43.0	Deck Area (sq ft): 9980

**Traffic**

Lanes	ADT	ADT year	Traffic Pattern
2	756	2015	TWO WAY TRAFFIC

**Capacity**

**Load Rating**

Inventory rating: HS23	Overburden depth (in): 0.0	Last rating date: 11-19-09	Controlling: INTERIOR DECK GIRDER Shear
Operating rating: HS40	Deck surface material: CONCRETE	Re-rate for capacity (Y/N):	Control location: 0.1 SPAN 03, 5.0
Posting:	Re-rate notes:		

**Hydraulic**

**Classification**

Scour Critical Code(113): (N) NO WATERWAY	Q100 (ft <sup>3</sup> /sec): 0	
High water elevation (ft): 0.0	Velocity (ft/sec): 0.0	Sufficiency #: 97.9

**Span(s)**

Span #	Material	Configuration	Depth (in)	Length (ft)	Main
0	CONT PREST CONC	DECK GIRDER	45	75.6	
1	CONT PREST CONC	DECK GIRDER	45	76.2	Y
2	CONT PREST CONC	DECK GIRDER	45	75.6	

**Expansion joint(s)**

**Temperature:** File: \_\_\_\_\_ New: \_\_\_\_\_

**Clearance**

Item	File Measurement (ft)	File Date	New Measurement (ft)
Highway Min Vertical On Cardinal			
Horizontal On Cardinal			
Railroad Min Vertical Under	23.0		

**Construction History**

Year	Work Performed	FOS id
1996	NEW STRUCTURE	5685-00-72

**BRIDGE INSPECTION REPORT**  
**Wisconsin Department of Transportation**  
**DT2007 2003 s.84.17 Wis. Stats.**

page 3

Structure No.: **B-13-470**

**Elements**

Chk	Element	Defect	Description	UOM	Total	Quantity in Condition State			
						1	2	3	4
X	12		<b>Reinforced Concrete Deck-Coated Reinforcing</b>	SF	9,980	9,888	92	0	0
		1130	Cracking (RC) Nar trans crks on soffits - 20 CS2 Nar trans crks w/lt effl near S Abut - 36 CS2 Nar trans crks w/lt effl near N Abut - 36 CS2	SF		0	92	0	0
	8000		Wearing Surface (Bare)	SF	9,980	9,908	72	0	0
		3220	Crack (Wearing Surface) Nar trans/diag crks at S Abut - 36 CS2 Nar trans/diag crks at N Abut - 36 CS2	SF		0	72	0	0
X	109		<b>Prestressed Concrete Open Girder</b>	LF	1,141	1,141	0	0	0
X	205		<b>Reinforced Concrete Column</b>	EA	4	4	0	0	0
X	215		<b>Reinforced Concrete Abutment</b> Minor cracks; diag. (moderate diag @ N. abut-under G5), spall HL cracking in diaphr at N abut.	LF	164	156	8	0	0
		1130	Cracking (RC) S Abut: Nar diag crk under G5, Nar vert crk in SE corner and SW diaphragm at bearing - 7 CS2 N Abut: Nar vert crk in diaphragm - 1 CS2	LF		0	8	0	0
X	234		<b>Reinforced Concrete Cap</b>	LF	132	132	0	0	0
X	330		<b>Metal Bridge Rail</b> Minor scraping	LF	476	476	0	0	0
X	8400		<b>Integral Wingwall</b>	EA	4	4	0	0	0

**Assessments**

Chk	Element	Defect	Description	UOM	Total	Quantity in Condition State			
						1	2	3	4
X	9001		<b>Drainage - Approach</b>	EA	4	4	0	0	0
X	9009		<b>Sidewalk</b> The sidewalk is settling approximately 1 inch on the south end.	EA	2	1	1	0	0
X	9011		<b>Utilities</b> Large conduit in east bay	EA	1	1	0	0	0

**BRIDGE INSPECTION REPORT**  
**Wisconsin Department of Transportation**  
**DT2007 2003 s.84.17 Wis. Stats.**

page 4

Structure No.: **B-13-470**

X	9043	Slope Protection- Crushed Aggregate with Bit.	EA	2	2	0	0	0
		Some small loose areas						
X	9167	Steel Diaphragm	EA	40	40	0	0	0
		22 diaphr in E outside bay under utility line						
X	9168	Concrete Diaphragm	EA	8	8	0	0	0
		At piers.						
X	9322	Approach Roadway - Concrete (non-structural)	EA	2	0	2	0	0
		S Appr: Cracking in south approach and transv full width - CS2 N Appr: approach low - CS2. The cracks identified are approximately 1/2 inch in size.						

**NBI Ratings**

	File	New
Deck	7	7
Superstructure	7	7
Substructure	6	6
Culvert	N	N
Channel	N	N
Waterway	N	N

**Structure Specific Notes**

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**Inspection Specific Notes**

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**Inspector Site-Specific Safety Considerations**

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**Structure Inspection Procedures**

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**Special Requirements**

Chk	Hours	Cost	Comments
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**Routine**

**Document Comment/Description**

Roadway looking south



**Non-Image Documents**

<b>Type</b>	<b>Document</b>	<b>Document Comment/Description</b>	<b>Attached</b>
Other	b13-470_16_0d1.pdf	2016 inspection photos	X

## STRUCTURE INVENTORY AND APPRAISAL FIELD REVIEW FORM

**B-13-470**  
**TERMINAL DR over CALUMET RR**

### LOCATION

(3) Municipality:  
 (16) Latitude(° ' "):  
 (17) Longitude(° ' "):

MCFARLAND	
43°01'19.70"N	
89°18'05.70"W	

### TRAFFIC SERVICE

(28A) Lanes On:  
 (28B) Lanes Under:  
 (102) Traffic Pattern On:  
 (102) Traffic Pattern Under:  
 (19) Detour Length(mi):

2	
0	
-NO TRAFFIC -ONE WAY TRAFFIC <input checked="" type="checkbox"/> TWO WAY TRAFFIC	
<input checked="" type="checkbox"/> NO TRAFFIC -ONE WAY TRAFFIC -TWO WAY TRAFFIC	
2	

### GEOMETRY

(49) Structure Length(ft):  
 (50) Sidewalk Width(ft):  
 (50) Curb Width(ft):  
 (52) Culvert Barrel Length(ft):  
 (34) Skew:  
 (51) Bridge Roadway Width(ft):  
 (52) Deck Width(ft):  
 Right Wingwall Length(ft):  
 Left Wingwall Length(ft):  
 (32) Approach Roadway Width(ft):  
 (47) Minimum Horizontal(ft):  
 (55) Minimum Right Lateral(ft):  
 (56) Minimum Left Lateral(ft):

232.1	
Left: 0.0	Right: 6.0
Angle(°): 55	Direction: -RIGHT FORWARD <input checked="" type="checkbox"/> LEFT FORWARD
<b>Cardinal</b>	<b>Non-Cardinal</b>
36.0	36.0
43.0	43.0
32	0
<b>Cardinal Under Clearance</b>	<b>Non-Cardinal Under Clearance</b>

### RAILING APPRAISAL

(36A) Bridge Rail Adequacy:  
 (36B) Transition Adequacy:  
 (36C) Approach Guardrail Adequacy:  
 (36D) Guardrail Termination Adequacy:  
 Outer Rail:

-SUB-STANDARD <input checked="" type="checkbox"/> STANDARD -NOT APPLICABLE		
<input checked="" type="checkbox"/> SUB-STANDARD -STANDARD -NOT APPLICABLE		
<input checked="" type="checkbox"/> SUB-STANDARD -STANDARD -NOT APPLICABLE		
<input checked="" type="checkbox"/> SUB-STANDARD -STANDARD -NOT APPLICABLE		
<b>Left</b>	<b>Right</b>	<b>Type</b>
		TYPE F (TWO SQUARE TUBES) - STEEL(8)
		TYPE F (3 SQUARE TUBES) - STEEL(65)
	<input checked="" type="checkbox"/>	TYPE F (4 SQUARE TUBES) - STEEL(72)
		TYPE M-STEEL 3 SQUARE TUBES(93)
		SLOPED FACE PARAPET LF(91)
		SLOPED FACE PARAPET HF(92)
		VERTICAL FACE PARAPET TYPE A(74)
		TYPE W-THRIE BEAM(79)
		TYPE H ON VERTICAL PARAPET(80)
		TIMBER(38)
<input checked="" type="checkbox"/>		OTHER(99) (Please specify) <b>Left:</b> TYPE F (5 SQUARE TUBES) - STEEL(87)

Transition Type:

	CONT GUARD RAIL
	NO APP GRDRL
<input checked="" type="checkbox"/>	NO ATTACHMENT
	22 MM(7/8") BOLT (Please enter quantity)
	25 MM(1") BOLT (Please enter quantity)
	OTHER (Please specify)

Approach Attachment Rail Note:  
 Guardrail Termination Type:

	(01) ENERGY ABSORBING TERMINAL/EAT
	(02) TURN DOWN
	(99) OTHER (Please specify)

Guardrail Termination Note:

### ROADWAY ALIGNMENT APPRAISAL

(72) Approach Alignment Appraisal:

	3 Intolerable- Substantial speed reduction
	6 Fair- Minor speed reduction
<input checked="" type="checkbox"/>	8 Good- No speed reduction

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BRIDGE INSPECTION REPORT  
DANE CO-Village of McFarland

Feature On: Burma Road  
Feature Under: Lake Waubesa Channel

Location: 0.1M west of USH 51  
Structure Size: 15'  
Type: Corrugated Steel Pipe Culvert

DATE OF INSPECTION: 08-16-2016  
INSPECTOR: Mark Pilgrim (9501)  
LATITUDE: N 43-00-44  
LONGITUDE: W 89-18-19

Condition Rating Definitions

Very good condition – no problems noted.  
Good condition – Some minor problems  
Satisfactory condition – Structure elements show some minor deterioration  
Fair condition – Elements are sound, but may have minor section loss, cracking, or spalling.  
Poor condition – Advanced section loss, deterioration, or spalling

Structure Condition

Steel Culvert – No distortion, some discoloration/rust at waterline.  
Good condition

Concrete Wingwalls/Headwalls – North headwall has vertical crack at C/L of pipe.  
NE wing has hairline diagonal cracks. South headwall has hairline cracks with light efflorescence.  
Good Condition

Riprap – very good condition

Roadway over Structure – +/- 12" of overburden. ¼" wide longitudinal crack on CL with several transverse cracks. Impending pothole.  
Satisfactory condition.

Curb & gutter on north side is cracked with some displacement over structure. South is cracked but no displacement.  
Satisfactory condition

Railing – 25' of beam guard on each side.  
Good condition

Signs – (4) not visible because of brush.

RECOMMENDATIONS

Chip seal roadway to seal cracks.  
Remove brush to bring beam guard into view for motorists.



BRIDGE INSPECTION REPORT  
DANE CO - Village of McFarland

Feature On: Lake Edge Road  
Feature Under: Lake Waubesa Channel  
Location: 0.1M east of South Court

Structure Size: 15'  
Type: Corrugated Steel Pipe Culvert

DATE OF INSPECTION: 08-16-2016  
INSPECTOR: Mark Pilgrim (9501)  
LATITUDE: N 43-00-49  
LONGITUDE: W 89-18-19

Condition Rating Definitions

- Very good condition - no problems noted.
- Good condition - Some minor problems
- Satisfactory condition - Structure elements show some minor deterioration
- Fair condition - Elements are sound, but may have minor section loss, cracking, or spalling.
- Poor condition - Advanced section loss, deterioration, or spalling

**Structure Condition**

Steel Culvert - No distortion, some discoloration/rust at waterline.  
Good condition

Concrete Wingwalls/Headwalls - spalling at base of concrete headwall at all 4 corners.  
Good condition.

Riprap  
Very good condition

Roadway over Structure - smooth with no cracks or settlement in asphalt, 12" of overburden. Curb & gutter is smooth with no cracks or displacement.  
Very Good condition

Railing - 25' of steel beam guard on each side.

RECOMMENDATIONS

Remove small tree growing along headwall at NW corner and behind curb at NE & SW.



BRIDGE INSPECTION REPORT  
DANE CO-Village of McFarland

Feature On: Terminal Drive  
Feature Under: Drainage Ditch  
Location: 0.8M south of USH 51

Structure Size: 10' (one-cell) Length= 112'  
Type: Corrugated Precast Concrete Box Culvert

DATE OF INSPECTION: 08-16-2016  
INSPECTOR: Mark Pilgrim (9501)  
LATITUDE: N 43-01-47.61  
LONGITUDE: W 89-18-10.03

Condition Rating Definitions

Very good condition - no problems noted.

Good condition - Some minor problems

Satisfactory condition - Structure elements show some minor deterioration

Fair condition - Elements are sound, but may have minor section loss, cracking, or spalling.

Poor condition - Advanced section loss, deterioration, or spalling

Structure Condition

Concrete Culvert - No distortion, no cracks

Very good condition

Concrete Wingwalls/Headwalls

Very good condition.

Riprap

Very good condition

Roadway over Structure - 12" of overburden. +1" settlement on each end. No cracks.

Good condition

RECOMMENDATIONS

Wedge approaches

Install culvert markers

Repair pothole in NE shoulder and monitor for reason why it is there.



Village of McFarland

**CONSENT AGENDA**

January 23, 2017

Check Issue Dates: 1/23/2017 - 1/23/2017

Report Criteria:  
Report type: GL detail

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/23/2017	68054	1069	WI EMS ASSOC	CONFERENCE	656	1	100-52-4040-348	170.00
01/17	01/23/2017	68054	1069	WI EMS ASSOC	CONFERENCE	660	1	100-52-4040-348	170.00
Total 68054:									340.00
Grand Totals:									340.00

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
100-2120	.00	340.00-	340.00-
100-52-4040-348	340.00	.00	340.00
Grand Totals:	340.00	340.00-	.00

Payroll - Retained

4046.70

Pay Period	Journal	Code	Issue Date	Check Number	Payee	Payee ID	Amount
01/07/2017	PC		01/13/2017	68055	Hated, Jennifer	29	553.96
01/07/2017	PC		01/13/2017	68056	REDMAN, BRIAN G.	48	2,290.28
01/07/2017	PC		01/13/2017	68057	KUBICEK, JAMES	420	855.38
01/07/2017	CDPT		01/13/2017	68058	WI AFSCME COUNCIL 32	7	53.62
01/07/2017	CDPT		01/13/2017	68058	WI AFSCME COUNCIL 32	7	65.00
01/07/2017	CDPT		01/13/2017	68059	WI SCTF	5	228.46

Report Criteria:  
Report type: GL detail

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/12/2017	68060	247	DANE CO TREASURER	JANUARY TAX SETTLEMENT	011217	1	100-2421	72,624.88
01/17	01/12/2017	68060	247	DANE CO TREASURER	JANUARY TAX SETTLEMENT	011217	2	100-2431	1,278,254.66
Total 68060:									
01/17	01/12/2017	68061	2237	MADISON COLLEGE	JANUARY TAX SETTLEMENT	011217	1	100-2470	395,315.13
Total 68061:									
01/17	01/12/2017	68062	613	MCFARLAND SCHOOL DISTRICT	JANUARY TAX SETTLEMENT	011217	1	100-2460	4,952,953.36
Total 68062:									
01/17	01/12/2017	68063	30	ALLIANT ENERGY/WP&L	WELL #1	123116-A	1	600-57-0030-622	575.59
01/17	01/12/2017	68063	30	ALLIANT ENERGY/WP&L	WELL #1 GAS	123116-A	2	600-57-0030-623	88.79
01/17	01/12/2017	68063	30	ALLIANT ENERGY/WP&L	FLOWER CORNER	123116-A	3	100-55-6050-222	15.34
01/17	01/12/2017	68063	30	ALLIANT ENERGY/WP&L	GAZEBO	123116-A	4	100-55-6050-222	111.16
01/17	01/12/2017	68063	30	ALLIANT ENERGY/WP&L	STREET LIGHTING	123116-A	5	100-53-3030-222	7,375.51
01/17	01/12/2017	68063	30	ALLIANT ENERGY/WP&L	TRAFFIC FLASHERS	123116-A	6	100-53-3030-222	10.47
Total 68063:									
01/17	01/12/2017	68064	516	KWIK TRIP INC	FUEL	00176007-12	1	100-52-1010-351	1,192.37
Total 68064:									
01/17	01/12/2017	68065	2066	PELLITTERI WASTE SYSTEMS	JAN-17 RECYCLING	6CX02021	1	300-57-0010-290	6,836.76
01/17	01/12/2017	68065	2066	PELLITTERI WASTE SYSTEMS	JAN-17 TRASH	6CX02021	2	300-57-0020-290	18,341.09
Total 68065:									
01/17	01/12/2017	68066	975	TV & RP UNIT	Registration suspension notice	011217	1	100-52-1010-296	5.00
Total 68066:									
01/17	01/12/2017	68067	992	US CELLULAR	PD PHONE	0170429663	1	100-52-1010-225	357.72

Check Issue Dates: 1/12/2017 - 1/12/2017

Jan 12, 2017 04:22PM

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/12/2017	68067	992	US CELLULAR	FD PHONE	0170429663	2	100-52-2020-225	92.70
01/17	01/12/2017	68067	992	US CELLULAR	EMS PHONE	0170429663	3	100-52-4040-225	31.85
01/17	01/12/2017	68067	992	US CELLULAR	ADMIN PHONE	0170429663	4	100-51-4141-225	70.94
01/17	01/12/2017	68067	992	US CELLULAR	OUTREACH PHONE	0170429663	5	100-55-5510-225	25.45
01/17	01/12/2017	68067	992	US CELLULAR	PW PHONE	0170429663	6	100-53-3030-225	36.57
01/17	01/12/2017	68067	992	US CELLULAR	WATER PHONE	0170429663	7	600-57-0070-921	36.56
01/17	01/12/2017	68067	992	US CELLULAR	SEWER PHONE	0170429663	8	600-56-0050-851	36.56
01/17	01/12/2017	68067	992	US CELLULAR	INSPECTIONS PHONE	0170429663	9	100-52-7230-225	2.40

Total 68067:

690.75

Grand Totals:

6,734,390.86

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
100-2120	.00	6,708,475.51-	6,708,475.51-
100-2421	72,624.88	.00	72,624.88
100-2431	1,278,254.66	.00	1,278,254.66
100-2460	4,952,953.36	.00	4,952,953.36
100-2470	395,315.13	.00	395,315.13
100-51-4141-225	70.94	.00	70.94
100-52-1010-225	357.72	.00	357.72
100-52-1010-296	5.00	.00	5.00
100-52-1010-351	1,192.37	.00	1,192.37
100-52-2020-225	92.70	.00	92.70
100-52-4040-225	31.85	.00	31.85
100-52-7230-225	2.40	.00	2.40
100-53-3030-222	7,385.98	.00	7,385.98
100-53-3030-225	36.57	.00	36.57
100-55-5510-225	25.45	.00	25.45
100-55-6050-222	126.50	.00	126.50
300-2120	.00	25,177.85-	25,177.85-
300-57-0010-290	6,836.76	.00	6,836.76
300-57-0020-290	18,341.09	.00	18,341.09
600-2120	.00	737.50-	737.50-

Check Issue Dates: 1/23/2017 - 1/23/2017

Report Criteria:  
Report type: GL detail

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/23/2017	68054	1069	WI EMS ASSOC	CONFERENCE	656	1	100-52-4040-348	170.00
01/17	01/23/2017	68054	1069	WI EMS ASSOC	CONFERENCE	660	1	100-52-4040-348	170.00
Total 68054:									
01/17	01/23/2017	68069	16087	ALBERS, JASON & JESSICA	PROP TAX OVERPMT	011717	1	100-2364	255.86
Total 68069:									
01/17	01/23/2017	68070	16468	ALSMO, DAVID N & NANCY J	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	6,625.11
Total 68070:									
01/17	01/23/2017	68071	16457	B & G PROGRESS LLP	PROPERTY TAX OVERPAY	011717	1	100-2364	100.00
Total 68071:									
01/17	01/23/2017	68072	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1038017	1	100-51-4152-210	5,810.00
Total 68072:									
01/17	01/23/2017	68073	16467	BEHM, CHRISTOPHER R & TRA	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	6,233.39
Total 68073:									
01/17	01/23/2017	68074	16469	BLACK, JOHN J SR	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	365.43
Total 68074:									
01/17	01/23/2017	68075	16462	BLACKDEER, CURTIS W & KAR	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	3,000.00
Total 68075:									
01/17	01/23/2017	68076	16465	BRERETON, JARED	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	99.20

Check Issue Dates: 1/23/2017 - 1/23/2017

Jan 17, 2017 01:54PM

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68076:									
01/17	01/23/2017	68077	16130	BUTZ, KATHLEEN A	PROP TAX OVERPMT	011717	1	100-2364	228.70
Total 68077:									
01/17	01/23/2017	68078	16458	CARDARELLA, JANE M & ROBE	PROPERTY TAX OVERPAY	011717	1	100-2364	152.46
Total 68078:									
01/17	01/23/2017	68079	2059	CREATIVE BUSINESS INTERIO	CHAIRS	157700	1	900-55-0011-240	3,420.00
Total 68079:									
01/17	01/23/2017	68080	16466	DUBLIN WOODS LLC	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	1.20
Total 68080:									
01/17	01/23/2017	68081	14120	ELMER JOSEPH/SUSAN	PROP TAX OVERPMT	011717	1	100-2364	3,860.71
Total 68081:									
01/17	01/23/2017	68082	16456	ENGELS, WILLIAM	PROPERTY TAX OVERPAY	011717	1	100-2364	1,829.62
Total 68082:									
01/17	01/23/2017	68083	16471	ENTRINGER, KYLE P	PROPERTY TAX OVERPAY	011717	1	100-2364	4,101.24
Total 68083:									
01/17	01/23/2017	68084	13079	HINRICHS, HERMAN	PROP TAX REFUND	011717	1	100-2364	140.68
Total 68084:									
01/17	01/23/2017	68085	13114	JOHANNES, JAMES	PROP TAX REFUND	011717	1	100-2364	152.46
Total 68085:									
									152.46

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/23/2017	68086	14080	MALY ERIC/KELLY	PROP TAX OVERPMT	011717	1	100-2364	3,944.31
Total 68086:									
01/17	01/23/2017	68087	667	MINNESOTA LIFE INS CO	FEB-2017 LIFE INS	002832L-FE	1	100-2157	1,234.67
Total 68087:									
01/17	01/23/2017	68088	16106	NEUPERT, SUZANNE & MARY A	PROP TAX OVERPMT	011717	1	100-2364	159.51
Total 68088:									
01/17	01/23/2017	68089	16459	O'SULLIVAN TRUST	PROPERTY TAX OVERPAY	011717	1	100-2364	152.46
Total 68089:									
01/17	01/23/2017	68090	14059	PIAZZA, TIMOTHY & REBEKAH	REAL ESTATE TAX REFUNDS	011717	1	100-2364	6,360.50
Total 68090:									
01/17	01/23/2017	68091	13216	RUBY, KATHLEEN	PROP TAX REFUND	011717	1	100-2364	477.17
Total 68091:									
01/17	01/23/2017	68092	16464	SAAD, DAVID A & JACQUELINE	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	152.46
Total 68092:									
01/17	01/23/2017	68093	16212	SCHUCHARDT, MEGAN	PROPT AX OVERPMT	011717	1	100-2364	73.57
Total 68093:									
01/17	01/23/2017	68094	16460	SUMINSKI, AARON & APRIL L	PROPERTY TAX OVERPAY	011717	1	100-2364	844.42
Total 68094:									
01/17	01/23/2017	68095	16461	TERBEEST, JAMIE A &	PROPERTY TAX OVERPAY	011717	1	100-2364	5,444.83

Check Issue Dates: 1/23/2017 - 1/23/2017

Jan 17, 2017 01:54PM

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68095:									
01/17	01/23/2017	68096	16125	WAGNER, JOHN & THOMAS	PROP TAX OVERPMT	011717	1	100-2364	5,444.83
Total 68096:									
01/17	01/23/2017	68097	16150	WELCH, STEVEN & FRITZ, ABB	PROP TAX OVERPMT	011717	1	100-2364	152.46
Total 68097:									
01/17	01/23/2017	68098	16470	WHITEHORSE-BURNS RUTH A	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	256.10
Total 68098:									
01/17	01/23/2017	68099	16463	WILCOX, TYLER B & ANGELA S	PROPERTY TAX OVERPAYMENT	011717	1	100-2364	6,988.69
Total 68099:									
01/17	01/23/2017	68100	620	MCFARLAND YOUTH CENTER	2016 CAM RECON	2016CAM	1	100-51-8081-221	152.46
Total 68100:									
Grand Totals:									1,577.42
Grand Totals:									64,687.09

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
100-2120	.00	61,267.09-	61,267.09-
100-2157	1,234.67	.00	1,234.67
100-2364	52,305.00	.00	52,305.00
100-51-4152-210	5,810.00	.00	5,810.00
100-51-8081-221	1,577.42	.00	1,577.42
100-52-4040-348	340.00	.00	340.00
900-2120	.00	3,420.00-	3,420.00-
900-55-0011-240	3,420.00	.00	3,420.00

Report Criteria:  
 Report type: GL detail

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/17/2017	68101	1405	TAPCO	RADAR SPEED SIGNS	1549709	1	500-52-0010-805	2,821.50
Total 68101:									2,821.50
Grand Totals:									2,821.50

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
500-2120	.00	2,821.50-	2,821.50-
500-52-0010-805	2,821.50	.00	2,821.50
Grand Totals:	2,821.50	2,821.50-	.00

Report Criteria:  
Report type: GL detail

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68102	1015	VILLAGE OF MCFARLAND	BILL #1542035	CK964414-P	1	100-1624	42,985.21
Total 68102:									
01/17	01/19/2017	68103	1	5 ALARM FIRE & SAFETY	AIR REG VALVES	162517-1	1	100-52-2020-340	592.01
Total 68103:									
01/17	01/19/2017	68104	1730	ACCURATE APPRAISAL LLC	2017 ASSESSORS FEE	ACCAPP201	1	100-51-4154-210	7,700.00
Total 68104:									
01/17	01/19/2017	68105	16474	AKHTAR, NAHEED & FINCH, PE	PROEPRTY TAX OVERPAY	011917	1	100-2364	3,968.04
Total 68105:									
01/17	01/19/2017	68106	1397	ALL COMFORT SERVICES	MC PLUMB REPAIR	557229	1	100-51-8081-350	625.50
01/17	01/19/2017	68106	1397	ALL COMFORT SERVICES	N COOK DUPLEX RPR	557624	1	650-53-3040-260	140.00
Total 68106:									
01/17	01/19/2017	68107	30	ALLIANT ENERGY/WP&L	LIBRARY	1108640000	1	900-55-0011-220	2,276.31
01/17	01/19/2017	68107	30	ALLIANT ENERGY/WP&L	LIFT #5	8071650000	1	600-56-0020-821	188.90
Total 68107:									
01/17	01/19/2017	68108	39	AMERICAN PUBLIC WKS ASSN	MEMBERSHIP RENEWAL	126555-2017	1	100-53-3030-320	350.00
Total 68108:									
01/17	01/19/2017	68109	2216	ANDRES MEDICAL	DEC-2016 CHARGES	140164	1	100-4523	968.07
Total 68109:									
01/17	01/19/2017	68110	2154	APIOUTSOURCING	POSTAGE-2016 RE TAXES	SI43566	1	100-51-4141-315	1,661.15

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68110:									
01/17	01/19/2017	68111	10	ARAMARK	mat rental	1640196266	1	900-55-0011-240	1,661.15
Total 68111:									
01/17	01/19/2017	68112	16455	B AND G SALES OF GRAND RA	TRASH TOTERS	25336	1	650-53-3040-810	46.72
Total 68112:									
01/17	01/19/2017	68113	68	BADGER WELDING SUPP INC	OXYGEN	3383563	1	100-52-4040-345	6,930.00
Total 68113:									
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 EQUIP BREAKDOWN INS.	60975	1	100-51-4194-520	3.10
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 WORKERS COMP	60989	1	100-51-4195-510	1,128.00
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 WORKERS COMP	60989	2	300-57-0010-340	64,889.00
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 WORKERS COMP	60989	3	400-51-0070-240	1,366.00
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 WORKERS COMP	60989	4	600-56-0050-853	822.00
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 WORKERS COMP	60989	5	600-57-0070-924	21,430.00
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 WORKERS COMP	60989	6	650-53-3040-250	37,733.00
01/17	01/19/2017	68114	2173	BAER INSURANCE SERVICES L	2017 CRIME INSURANCE	61032	1	100-51-4194-510	13,098.00
Total 68114:									
01/17	01/19/2017	68115	74	BAKER & TAYLOR BOOKS	LIBRARY MATERIALS	2032548971	1	900-55-0011-395	1,200.00
01/17	01/19/2017	68115	74	BAKER & TAYLOR BOOKS	LIBRARY MATERIALS	COM974074	1	900-55-0011-395	141,666.00
01/17	01/19/2017	68115	74	BAKER & TAYLOR BOOKS	CREDIT USED IN DUPLICATE	DED1024227	1	900-55-0011-395	348.33
Total 68115:									
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2015 CPR'S	BT1040102	1	650-53-3040-210	35.34
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2015 CPR'S	BT1040102	2	600-56-0050-852	13.59
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2015 CPR'S	BT1040102	3	600-57-0070-923	397.26
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1048830	1	600-56-0050-852	699.40
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1048830	2	600-57-0070-923	1,398.80
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1048830	3	650-53-3040-212	1,398.80
Total 68116:									
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1048830	1	600-56-0050-852	1,197.60
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1048830	2	600-57-0070-923	1,197.60
01/17	01/19/2017	68116	1019	BAKER TILLY VIRCHOW KRAUS	2016 AUDIT	BT1048830	3	650-53-3040-212	598.80

Board Report  
Check Issue Dates: 1/19/2017 - 1/19/2017

VILLAGE OF MCFARLAND

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68116:									
01/17	01/19/2017	68117	1256	BOUND TREE MEDICAL, LLC	RETURN	70231932	1	100-52-4040-345	6,491.00
01/17	01/19/2017	68117	1256	BOUND TREE MEDICAL, LLC	EMS SUPPLIES	82366086	1	100-52-4040-345	8.00
01/17	01/19/2017	68117	1256	BOUND TREE MEDICAL, LLC	EMS SUPPLIES	82370262	1	100-52-4040-345	164.37
Total 68117:									
01/17	01/19/2017	68118	115	BRANDT, BRETT	MEAL REIMBURSEMENT	BB-011717	1	100-53-3030-340	174.68
Total 68118:									
01/17	01/19/2017	68119	2277	BRANDT, STEVE	BREAKFAST	SB-011017	1	100-53-3030-340	7.00
01/17	01/19/2017	68119	2277	BRANDT, STEVE	MEALS	SB-011717	1	100-53-3030-340	7.00
Total 68119:									
01/17	01/19/2017	68120	2278	BURKE TRUCK & EQUIPMENT I	PLOW PARTS	20970	1	100-53-3030-352	21.00
Total 68120:									
01/17	01/19/2017	68121	16481	CAPITOL UNDERGROUND	LOCATE PIPELINE HOLSCHER	1202-16	1	500-53-0030-855	760.22
Total 68121:									
01/17	01/19/2017	68122	1909	CATERPILLAR FINANCIAL SER	LOADER LEASE	17644353	1	100-53-3030-805	1,436.75
01/17	01/19/2017	68122	1909	CATERPILLAR FINANCIAL SER	LOADER LEASE	17644353	2	600-56-0020-828	1,436.75
01/17	01/19/2017	68122	1909	CATERPILLAR FINANCIAL SER	LOADER LEASE	17644353	3	600-57-0070-923	965.30
01/17	01/19/2017	68122	1909	CATERPILLAR FINANCIAL SER	LOADER LEASE	17644353	4	650-53-3040-810	321.76
Total 68122:									
01/17	01/19/2017	68123	158	CHARTER COMMUNICATIONS	PW CABLE	1647-122316	1	100-51-8080-240	321.77
Total 68123:									
01/17	01/19/2017	68124	161	CHASE LUMBER AND FUEL INC	BOARDS FOR HOCKEY RINK	358916	1	100-55-6050-341	321.77
Total 68124:									
									1,930.60
									89.04
									89.04
									32.80

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68124:									
01/17	01/19/2017	68125	2097	CHOICE 1 HEALTH CARE SERV	EMS SUPPLIES	6622	1	100-52-4040-345	49.90
Total 68125:									
01/17	01/19/2017	68126	15033	CITY OF MONONA AMBULANCE	2016 INTERCEPT	16-41794	1	100-4523	359.80
01/17	01/19/2017	68126	15033	CITY OF MONONA AMBULANCE	2016 INTERCEPT	16-65748	1	100-4523	359.80
Total 68126:									
01/17	01/19/2017	68127	175	CIVIC SYSTEMS LLC	SOFTWARE & SUPPORT	CVC15064	1	100-51-4141-210	3,293.51
01/17	01/19/2017	68127	175	CIVIC SYSTEMS LLC	SOFTWARE & SUPPORT	CVC15064	2	600-56-0050-852	1,097.83
01/17	01/19/2017	68127	175	CIVIC SYSTEMS LLC	SOFTWARE & SUPPORT	CVC15064	3	600-57-0070-923	1,097.83
01/17	01/19/2017	68127	175	CIVIC SYSTEMS LLC	SOFTWARE & SUPPORT	CVC15064	4	650-53-3040-325	1,097.83
Total 68127:									
01/17	01/19/2017	68128	193	COMPUTER MAGIC INC	SEWER UPGRADE	20142822	1	500-51-0081-841	20,650.00
01/17	01/19/2017	68128	193	COMPUTER MAGIC INC	2-LED DISPLAYS	20142822	2	100-52-1010-310	378.00
Total 68128:									
01/17	01/19/2017	68129	194	CONCENTRA	PD - PREPLACEMENT EXAM-ZIETSMA	102598098	1	100-51-4141-300	545.00
Total 68129:									
01/17	01/19/2017	68130	1989	CORPORATE BUSINESS SYSTE	COPIER LEASE	19951770	1	100-51-4141-240	298.42
01/17	01/19/2017	68130	1989	CORPORATE BUSINESS SYSTE	COPIER LEASE	19997540	1	900-55-0011-241	244.69
Total 68130:									
01/17	01/19/2017	68131	16257	CORPORATE BUSINESS SYSTE	COPIER LEASE	204048	1	100-51-4141-240	464.10
01/17	01/19/2017	68131	16257	CORPORATE BUSINESS SYSTE	COPIER LEASE	204048	2	500-51-7272-820	115.39
01/17	01/19/2017	68131	16257	CORPORATE BUSINESS SYSTE	COPIER LEASE	204519	1	900-55-0011-241	93.21
Total 68131:									
									672.70

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68132	16298	COVILLE, ALLAN	MEAL	AC-011717	1	100-53-3030-340	8.90
Total 68132:									
01/17	01/19/2017	68133	16315	CRAFT, ANTHONY	UNIFORM ALLOW/CRAFT	AC-101916	1	100-52-1010-346	503.84
Total 68133:									
01/17	01/19/2017	68134	228	DANE CO CITIES & VILLAGES	2017 DCCVA DUES	011717	1	100-51-1111-322	2,995.00
Total 68134:									
01/17	01/19/2017	68135	235	DANE CO EMS ASSOCIATION	DANE CO DUES	010117	1	100-52-4040-320	150.00
Total 68135:									
01/17	01/19/2017	68136	247	DANE CO TREASURER	01/2017 JAIL & SURCHARGES	154-DEC201	1	100-4411	938.33
Total 68136:									
01/17	01/19/2017	68137	16378	DANE COUNTY REGISTER OF	RECORDING FEE	0710-342-10	1	100-51-4141-310	30.00
Total 68137:									
01/17	01/19/2017	68138	249	DANE COUNTY TREASURER	MEAL SITE NUTRITION DONATION CAMBRI	MEAL DONA	1	100-2435	419.51
01/17	01/19/2017	68138	249	DANE COUNTY TREASURER	MEAL SIT NUTRITION DONATION MCFARLA	MEAL DONA	2	100-2435	3,526.29
Total 68138:									
01/17	01/19/2017	68139	1414	DEER-GROVE EMS DISTRICT	2016 INTERCEPT	017-16-80-00	1	100-4523	359.80
Total 68139:									
01/17	01/19/2017	68140	281	DIGGERS HOTLINE INC	LOCATES	161237601	1	600-57-0070-923	74.82
01/17	01/19/2017	68140	281	DIGGERS HOTLINE INC	LOCATES	161237601	2	600-56-0050-852	74.82
Total 68140:									
01/17	01/19/2017	68141	16472	FORD CREDIT DEPT 67-434	2017 PD LEASE PMT	1324535	1	500-52-0010-810	28,174.99

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68141:									
01/17	01/19/2017	68142	2197	FUTURE ENVIRONMENTAL INC	USED OIL PICKUP	W22541	1	300-57-0020-290	28,174.99
Total 68142:									
01/17	01/19/2017	68143	14200	GLASSMAKER, RODNEY	PROP TAX OVERPMT	011917	1	100-2364	75.00
Total 68143:									
01/17	01/19/2017	68144	16473	HAUSER, GINGER	PROPERTY TAX OVERPAY	011917	1	100-2364	295.78
Total 68144:									
01/17	01/19/2017	68145	12085	HEITZINGER & ASSOC	EMPLOYEE ASSIST PROGRAM	7182	1	100-51-4195-524	1,150.00
Total 68145:									
01/17	01/19/2017	68146	16476	HERBEL, MARK & SUSAN	PROPERTY TAX OVERPAY	011917	1	100-2364	152.46
Total 68146:									
01/17	01/19/2017	68147	16232	HESSLING, JAMES	MEAL-SNOW PLOWING	JH-011017	1	100-53-3030-340	6.00
Total 68147:									
01/17	01/19/2017	68148	442	HOMETOWN NEWS LIMITED PA	GEN EMP HIRING	41828	1	100-51-4141-300	136.80
01/17	01/19/2017	68148	442	HOMETOWN NEWS LIMITED PA	PLAN COMM	41828	2	100-51-1111-321	45.84
01/17	01/19/2017	68148	442	HOMETOWN NEWS LIMITED PA	BUDGET AFFIDAVIT	41828	3	100-51-1111-321	233.54
01/17	01/19/2017	68148	442	HOMETOWN NEWS LIMITED PA	SPRING ELECTION	41828	4	100-51-4142-321	83.48
01/17	01/19/2017	68148	442	HOMETOWN NEWS LIMITED PA	PLAN COMM	4184-123116	1	100-51-1111-321	124.32
01/17	01/19/2017	68148	442	HOMETOWN NEWS LIMITED PA	BOARD LEGAL NOTICES	4184-123116	2	100-51-1111-321	13.61
Total 68148:									
01/17	01/19/2017	68149	1390	HOTSY CLEANING SYSTEMS IN	HOTSY REPAIR	0116942-IN	1	100-51-8080-240	591.68

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68149:									
01/17	01/19/2017	68150	1904	HUMPHREY SERVICE PARTS I	ATV FILTER	1133015	1	100-52-2020-352	591.68
01/17	01/19/2017	68150	1904	HUMPHREY SERVICE PARTS I	VEHICLE MAINT	1133547	1	100-52-1010-350	6.52
01/17	01/19/2017	68150	1904	HUMPHREY SERVICE PARTS I	ATV AIR FILTER	1133634	1	100-52-2020-352	11.70
01/17	01/19/2017	68150	1904	HUMPHREY SERVICE PARTS I	VEHICLE MAINT	1133644	1	100-52-1010-350	15.29
Total 68150:									
01/17	01/19/2017	68151	452	HYDRITE CHEMICAL	WATER CHEMICALS	01975349	1	600-57-0040-631	40.30
01/17	01/19/2017	68151	452	HYDRITE CHEMICAL	WATER CHEMICALS	01976691	1	600-57-0040-631	421.62
Total 68151:									
01/17	01/19/2017	68152	453	IACP	DUES - CRAIG SHERVEN	1001235684	1	100-52-1010-320	657.12
Total 68152:									
01/17	01/19/2017	68153	794	INTERSTATE BILLING SERVICE	TRUCK BATTERIES	288755A	1	100-53-3030-352	150.00
Total 68153:									
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	TURNOUT GEAR	231711	1	100-52-2020-346	133.88
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	TURNOUT GEAR	231711	2	100-52-2020-810	6,804.00
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	INTAKE ADAPTOR	232594	1	100-52-2020-352	2,268.00
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	FF GLOVES	233257	1	100-52-2020-346	180.77
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	NOZZLES	233258	1	100-52-2020-395	539.70
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	GAS MONITOR	233305	1	100-52-2020-810	750.00
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	HELMET APSSPORT	233479	1	100-52-2020-346	1,825.00
01/17	01/19/2017	68154	476	JEFFERSON FIRE & SAFETY IN	ADAPTER RETURN	CM003036	1	100-52-2020-352	29.99
Total 68154:									
01/17	01/19/2017	68155	492	KAYSER AUTOMOTIVE GROUP	2017 FORD EXPLORER	103073	1	500-52-0020-841	139.00
01/17	01/19/2017	68155	492	KAYSER AUTOMOTIVE GROUP	TRUCK PARTS	967997P	1	100-53-3030-352	12,258.46
01/17	01/19/2017	68155	492	KAYSER AUTOMOTIVE GROUP	VEHICLE MAINT	976382P	1	100-52-1010-350	28,574.50
01/17	01/19/2017	68155	492	KAYSER AUTOMOTIVE GROUP	CR VEHICLE REPAIR	CM954441P	1	100-52-1010-350	34.11
Total 68155:									
14.12									
122.18-									

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68155:									
01/17	01/19/2017	68156	2248	KELLN, JACK	MEAL-SNOW PLOWING	JK-011017	1	100-53-3030-340	7.00
01/17	01/19/2017	68156	2248	KELLN, JACK	MEALS	JK-011717	1	100-53-3030-340	5.63
Total 68156:									
01/17	01/19/2017	68157	2254	KELLY, LAUREN	MILEAGE	LK-121316	1	100-55-5510-353	50.00
Total 68157:									
01/17	01/19/2017	68158	16157	KEMNITZER, PAUL & STACY	PROP TAX OVERPMT	011917	1	100-2364	281.31
Total 68158:									
01/17	01/19/2017	68159	1489	KENDELL Doors & Hardware Inc	LEWIS DOOR LOCK	S1039389	1	500-55-0050-857	855.00
Total 68159:									
01/17	01/19/2017	68160	505	KLEMENTZ, MICHAEL	TRAINING	MK-121516	1	100-52-1010-330	133.93
Total 68160:									
01/17	01/19/2017	68161	2272	LABSOURCE, INC	EXAM GLOVES	987217	1	100-52-4040-345	237.96
Total 68161:									
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	SCHROECKENTHALER	233340	1	100-52-1010-346	250.83
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	BARNIER	235152	1	100-52-1010-346	128.00
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235217	1	100-52-4040-346	74.90
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235218	1	100-52-4040-346	74.90
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235219	1	100-52-4040-346	36.45
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235221	1	100-52-4040-346	74.90
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235222	1	100-52-4040-346	74.90
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235223	1	100-52-4040-346	74.90
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235224	1	100-52-4040-346	39.45
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235225	1	100-52-4040-346	81.90
01/17	01/19/2017	68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235226	1	100-52-4040-346	74.90

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
		68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235227	1	100-52-4040-346	44.45
		68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235231	1	100-52-4040-346	74.90
		68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235232	1	100-52-4040-346	36.45
		68162	531	LARK UNIFORM OUTFITTERS	UNIFORMS	235233	1	100-52-4040-346	74.90
		68162	531	LARK UNIFORM OUTFITTERS	JOB - UNIFORM ALLOW	235302	1	100-52-1010-346	24.45
		68162	531	LARK UNIFORM OUTFITTERS	JOB - UNIFORM ALLOW	235303	1	100-52-1010-346	11.45
		68162	531	LARK UNIFORM OUTFITTERS	TOWNS	235304	1	100-52-1010-346	233.90
		68162	531	LARK UNIFORM OUTFITTERS	JOB - UNIFORM ALLOW	235788	1	100-52-1010-346	69.95
		Total 68162:							1,556.48
		68163	538	LAWSON PRODUCTS INC	SHOP PARTS	9304624169	1	100-53-3030-350	235.17
		Total 68163:							235.17
		68164	540	LEAGUE WI MUNICIPALITIES	STANDARD DUES	10313:2017	1	100-51-1111-322	2,615.54
		Total 68164:							2,615.54
		68165	1207	LEE RECREATION LLC	LEWIS PARK TABLES	11008-16	1	210-55-0050-848	7,633.00
		Total 68165:							7,633.00
		68166	16478	LIAUTAUD, LEANNE J & ALEX	PROPERTY TAX OVERPAY	011917	1	100-2364	4,523.76
		Total 68166:							4,523.76
		68167	575	MADISON MET SEWERAGE DIS	ADAPTIVE MGMT	RC2186	1	650-53-3040-242	14,770.00
		Total 68167:							14,770.00
		68168	603	MCFARLAND CHAMBER OF CO	ANNUAL DINNER	011917	1	100-51-7272-330	35.00
		68168	603	MCFARLAND CHAMBER OF CO	ANNUAL DINNER	011917	2	100-51-4131-330	35.00
		68168	603	MCFARLAND CHAMBER OF CO	ANNUAL DINNER	011917	3	100-51-4141-330	70.00
		68168	603	MCFARLAND CHAMBER OF CO	ANNUAL DINNER	011917	4	100-55-5510-330	35.00
		Total 68168:							175.00
		68169	618	MCFARLAND TRUE VALUE	MISC SUPPLY	95094-12311	1	100-52-1010-340	25.16

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	LIBRARY SUPPLIES	95094-12311	2	900-55-0011-240	169.46
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	SQUAD 5	95094-12311	3	100-52-2020-352	3.41
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	FIRE AIR CONTROLLER BAG	95094-12311	4	100-52-2020-395	58.49
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	SAW	95094-12311	5	100-52-2020-351	32.00
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	CABLE TIES	95094-12311	6	100-52-2020-340	15.73
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	BATTERIES	95094-12311	7	100-52-2020-340	5.84
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	FIRE/EMS BATTERIES	95094-12311	8	100-52-2020-340	33.69
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	ATV 11	95094-12311	9	100-52-2020-352	49.91
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	ICE SUIT REPAIR	95094-12311	10	100-52-2020-241	5.84
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	COUPLER	95094-12311	11	100-52-2020-340	8.43
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	CROSSING SALT	95094-12311	12	100-52-1010-340	24.72
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	PARK SUPPLIES	95094-12311	13	100-55-6050-391	255.20
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	VEH SUPPLIES	95094-12311	14	600-57-0070-933	197.42
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	PW SUPPLIES	95094-12311	15	100-51-8080-240	47.47
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	DUPLEX SUPPLIES	95094-12311	16	650-53-3040-265	135.40
01/17	01/19/2017	68169	618	MCFARLAND TRUE VALUE	WELL SUPPLIES	95094-12311	17	600-57-0030-625	33.15
Total 68169:									1,101.32
01/17	01/19/2017	68170	620	MCFARLAND YOUTH CENTER	MYC-2017FUNDING	010617	1	100-55-6050-250	25,000.00
Total 68170:									25,000.00
01/17	01/19/2017	68171	16480	MEAD & HUNT	EXHAUST SYSTEM-ENGINEERING	266342	1	500-52-0020-846	527.75
01/17	01/19/2017	68171	16480	MEAD & HUNT	EXHAUST SYST-ENGINEER	266621	1	500-52-0020-846	3,154.00
Total 68171:									3,681.75
01/17	01/19/2017	68172	640	MGE	STREET LIGHTS	11299443-01	1	100-53-3030-222	739.84
Total 68172:									739.84
01/17	01/19/2017	68173	2058	MICROMARKETING LLC	CREDIT	646668CR	1	900-55-0011-396	5.00-
01/17	01/19/2017	68173	2058	MICROMARKETING LLC	AUDIO BOOKS	653754	1	900-55-0011-396	35.00
Total 68173:									30.00
01/17	01/19/2017	68174	1941	MIDWEST TRAILER SALES	PW OIL SYSTEM	1076220-00	1	100-53-3030-351	951.65
01/17	01/19/2017	68174	1941	MIDWEST TRAILER SALES	FIRE OIL SYSTEM	1076220-00	2	100-52-2020-351	951.65

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68174	1941	MIDWEST TRAILER SALES	PD OIL SYSTEM	10762220-00	3	100-52-1010-351	951.66
01/17	01/19/2017	68174	1941	MIDWEST TRAILER SALES	ATV 11	1084179-00	1	100-52-2020-352	27.72
01/17	01/19/2017	68174	1941	MIDWEST TRAILER SALES	FUEL FILTER	1084195-00	1	100-52-4040-352	44.74
Total 68174:									2,927.42
01/17	01/19/2017	68175	657	MIKE'S PROP SHOP	ZAMBONI BLADE SHARPEN	11139	1	100-55-6050-341	50.20
Total 68175:									50.20
01/17	01/19/2017	68176	1821	MILWAUKEE AUDUBON SOCIE	2017 BIRD CITY APPLICATION	011917	1	100-55-6050-342	100.00
Total 68176:									100.00
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	84 LUMBER AGREEMENT	8026866	1	400-51-0061-210	256.25
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	TID DOCS	8026868	1	401-51-0061-210	117.40
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	PRESTON PLACE PROJECT	8026868	2	100-2640	112.50
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	GENERAL	8026869	1	100-51-2161-210	4,246.64
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	GENERAL	8026869	2	400-51-0061-210	592.55
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	GENERAL	8026869	3	600-57-0070-923	98.76
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	PRESTON PLACE PROJECT	8026870	1	100-2640	1,457.80
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	JUNIPER RIDGE PLAT	8026871	1	100-2640	1,404.25
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	LEGAL SERVICES	8026872	1	600-57-0070-923	533.00
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	TIF DISTRICT #3	8028785	1	400-51-0061-210	618.00
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	TRAFFIC MATTERS	8028788	1	100-51-2161-210	487.50
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	GENERAL	8028789	1	100-51-2161-210	8,205.30
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	GENERAL	8028789	2	400-51-0061-210	617.60
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	PRESTON PLACE PROJECT	8028790	1	100-2640	1,051.15
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	SIEGER DVLPMT	8028791	1	100-2640	1,158.25
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	JUNIPER RIDGE PLAT	8028792	1	100-2640	410.00
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	PRAIRIE PLACE	8028793	1	100-2640	1,917.75
01/17	01/19/2017	68177	1976	MURPHY DESMOND SC	TRAFFIC MATTERS	8028902	1	100-51-2161-210	2,552.39
Total 68177:									25,837.09
01/17	01/19/2017	68178	16479	NICHOLS, PAUL J & KATHRYN	PROPERTY TAX OVERPAY	011917	1	100-2364	123.17
Total 68178:									123.17

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68179	630	PHYSIO-CONTROL INC	AED/MONITOR SVC	417002061	1	100-52-4040-241	4,959.00
Total 68179:									
01/17	01/19/2017	68180	756	POMP'S TIRE SERVICE INC	M5 TIRES	80123314	1	100-52-1010-350	632.60
01/17	01/19/2017	68180	756	POMP'S TIRE SERVICE INC	M8 TIRES	80123374	1	100-52-1010-350	632.60
01/17	01/19/2017	68180	756	POMP'S TIRE SERVICE INC	M3 TIRES	80123391	1	100-52-1010-350	632.60
01/17	01/19/2017	68180	756	POMP'S TIRE SERVICE INC	TIRE MOUNT	80124436	1	100-53-3030-352	33.00
Total 68180:									
01/17	01/19/2017	68181	1980	PRAXIS CONSULTING	2017 QUICK CLERK MAIN	20100376	1	100-51-2121-210	850.00
Total 68181:									
01/17	01/19/2017	68182	764	PREMIER PAINT & WALLPAPER	GAZEBO STAIN	38761	1	100-55-6050-391	49.99
Total 68182:									
01/17	01/19/2017	68183	16357	PROTECTION TECHNOLOGIES	MC FIRE PROTECT SVC	19697	1	100-51-8081-240	360.00
Total 68183:									
01/17	01/19/2017	68184	1833	PULSE CHECK PLUS LLC	CPR COURSE - MATERIALS	4037	1	100-52-4040-291	30.00
Total 68184:									
01/17	01/19/2017	68185	802	RENNERT'S FIRE EQUIP SRV IN	HYDRANT VALVE	36329	1	100-52-2020-395	641.77
01/17	01/19/2017	68185	802	RENNERT'S FIRE EQUIP SRV IN	INTAKE GAUGE	36397	1	100-52-2020-352	359.00
Total 68185:									
01/17	01/19/2017	68186	9137	RICOH USA INC	TONER	1067259520	1	600-57-0070-921	41.00
Total 68186:									
01/17	01/19/2017	68187	818	ROTO ROOTER SEWER SERVI	PW DRAIN CLEAN	171479	1	100-51-8080-240	85.00

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
Total 68187:									
01/17	01/19/2017	68188	844	SCHWAAB INC	DATER STAMP	A087435	1	100-51-4141-240	85.00
Total 68188:									
01/17	01/19/2017	68189	16454	SIMPLY ORGANIZED	ORGANIZING CLASS	10-641	1	900-55-0011-350	150.00
Total 68189:									
01/17	01/19/2017	68190	870	SLINDE TRUCKING	WATER MAIN GRAVEL	25435	1	600-57-0050-651	45.00
Total 68190:									
01/17	01/19/2017	68191	879	SOUTH CENTRAL LIBRARY SY	OFFICE SUPPLIES	16-898	1	900-55-0011-310	186.00
Total 68191:									
01/17	01/19/2017	68192	1165	SPRANG, SARA	MILEAGE EXP REIM	SS-122016	1	100-55-5510-353	77.76
Total 68192:									
01/17	01/19/2017	68193	16477	STASSI, MARI LYNN	PROPERTY TAX OVERPAY	011917	1	100-2364	2,539.20
Total 68193:									
01/17	01/19/2017	68194	1738	STATE OF WI TREASURER	01/2017 MONTHLY COURT FEES FOR DEC1	154-DEC201	1	100-4411	1,919.80
Total 68194:									
01/17	01/19/2017	68195	2042	THOMSON REUTERS	EQUIP RENTAL	835385834	1	100-52-1010-240	151.54
Total 68195:									
01/17	01/19/2017	68196	1993	TKK ELECTRONICS LLC	TOUGHBOOK	6025	1	100-52-1010-820	3,645.00
Total 68196:									

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	JUNIPER RIDGE REVISIONS	17321	1	100-2640	401.25
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	2016 HOLSCHER RD RECON	17322	1	600-1800	15,295.85
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	PRAIRIE PLACE	17323	1	100-2640	1,547.95
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	PAULSON RD DUPLEXES	17324	1	100-2640	245.00
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	2017 TCH MN IMPROVEMENTS	17325	1	500-53-0030-850	1,602.50
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	WELLHEAD PROTECTION PLAN	17326	1	600-57-0070-923	464.75
01/17	01/19/2017	68197	958	TOWN & COUNTRY ENGINEER	4803 TRIANGLE ST REVIEW	17327	1	100-1624	95.00
Total 68197:									
01/17	01/19/2017	68198	975	TV & RP UNIT	Registration suspension notice	010117	1	100-52-1010-296	55.00
Total 68198:									
01/17	01/19/2017	68199	2270	UNITY POINT HEALTH	BLOODWORK	121516	1	100-52-1010-295	64.00
Total 68199:									
01/17	01/19/2017	68200	16399	UNIVERSITY TOWING SERVICE	TOWING	8703	1	100-52-1010-230	95.00
Total 68200:									
01/17	01/19/2017	68201	1005	VANNGUARD UTILITY PARTNE	LOCATES	5893	1	600-56-0050-852	24.75
01/17	01/19/2017	68201	1005	VANNGUARD UTILITY PARTNE	LOCATES	5893	2	600-57-0070-923	24.75
Total 68201:									
01/17	01/19/2017	68202	1011	VERIZON WIRELESS	TELEPHONE	9778545894	1	100-52-1010-225	158.66
Total 68202:									
01/17	01/19/2017	68203	1015	VILLAGE OF MCFARLAND	3-UTILITY ACCTS	CK964414-U	1	100-1624	1,135.65
Total 68203:									
01/17	01/19/2017	68204	16236	WEBER, MARK	MEALS	MWV-011017	1	100-53-3030-340	7.63
Total 68204:									

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Invoice Number	Invoice Sequence	Invoice GL Account	Check Amount
01/17	01/19/2017	68205	16475	WERNET, KEVIN A SR	PROPERTY TAX OVERPAY	011917	1	100-2364	4,107.79
Total 68205:									
01/17	01/19/2017	68206	1026	WI COMMUNITY MEDIA	DAY, DENZER, MILLER: 2017	011717	1	200-51-0049-330	90.00
01/17	01/19/2017	68206	1026	WI COMMUNITY MEDIA	2017 MEMBERSHIP	112816	1	200-51-0049-320	245.00
Total 68206:									
01/17	01/19/2017	68207	1085	WI RURAL WATER ASSN	SAFETY PROGRAM	3106	1	600-57-0070-930	1,627.10
01/17	01/19/2017	68207	1085	WI RURAL WATER ASSN	SAFETY BOOKS	3107	1	600-57-0070-930	84.80
Total 68207:									
01/17	01/19/2017	68208	1091	WI STATE FIRECHIEFS ASSN	SPRING CONFERENCE	011717	1	100-52-2020-330	200.00
Total 68208:									
01/17	01/19/2017	68209	16347	WISCONSIN STATE LABORATO	WATER TESTS	488384	1	600-57-0070-930	25.00
Total 68209:									
01/17	01/19/2017	68210	1109	WMCA DUES	2017 MEMBERSHIP	010417	1	100-51-4141-320	65.00
Total 68210:									
01/17	01/19/2017	68211	1910	ZURBUCHEN OIL INC	DYED DIESEL FUEL	211885	1	100-53-3030-351	447.70
Total 68211:									
Grand Totals:									472,528.67

Summary by General Ledger Account Number

## VILLAGE BOARD

Monday, January 9, 2017

7:00 P.M.

McFarland Municipal Center  
Community Room

### AGENDA

**1. CALL TO ORDER**

**2. ATTENDANCE ROLL CALL**

**3. PUBLIC APPEARANCES**

Scott Brown, 5425 Marsh Road, spoke in favor of the Village and School District working together on the negotiation of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

Eric Johnson, 6105 Woods Crossing, spoke in favor of a compromise between the Village and School District regarding the negotiation of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

Ryan Hettinger, 5627 Osborn Drive, spoke in favor of a compromise between the Village and School District regarding the negotiation of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

Shaun O'Hearn, 5205 Linden Parkway, spoke in favor of a compromise between the Village and School District regarding the negotiation of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

Cody Lundquist, 4668 Star Spangled Road, spoke in favor of the Village and the School District communicating directly to resolve the negotiation of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

Brian Molenaar, 6327 Crestwood Circle, spoke in favor of the Village protecting their own interest in the negotiation of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

Jerry Herbst, 5403 North Pass, spoke to question why there needs to be a distinction between the School District and the Village. Mr. Herbst also requested clarification from the Village Board on why the sale price of parcel 0610-034-0195-3, known as 6009 Johnson St, be should be more than the appraised value.

President Czebotar thanked those in attendance and those who provided public comment. He also provided a statement regarding the status of the Village and School District negotiations noting the two entities continue to work together to find a resolution to the issue of the sale of parcel 0610-034-0195-3, known as 6009 Johnson St.

**4. PUBLIC ANNOUNCEMENTS AND COMMUNICATIONS**

**a. Public Announcement**

**b. Public Communications**

1. Report from Murphy Desmond regarding attorney hour usage for 2016.

**5. CONSENT AGENDA**

**a. Motion to approve pre-paid check #67867-67999 in the amount of \$154,744.90 and current checks #68000-68053 in the amount of \$74,240.50.**

**b. Motion to approve the minutes of the December 12, 2016 Village Board meeting.**

**c. Motion to approve recommendation from Police Chief Sherven that the alcohol beverage operator's license for Aiyana S Welch (McFarland BP) be approved.**

Motion by President Czebotar, second by Trustee Lytle, to approve the consent agenda. Motion carries 7-0 by acclamation.

**6. BUSINESS**

**a. PARKS, RECREATION, AND NATURAL RESOURCES COMMITTEE & PERSONNEL COMMITTEE**

**1) Discussion and possible action on approving the position description for the Parks Crewperson position, including the establishment of the pay grade, and directing Village Staff to fill the position.**

Motion by President Czebotar, second by Trustee Kolk, to approve the position description for the Parks Crewperson position, including establishing the pay grade at range 10, and directing Village Staff to fill the position. Motion carries 6-1 by acclamation with Utter voting nay.

**b. PUBLIC UTILITIES COMMITTEE**

**1) Discussion and possible action on an easement for Alliant Energy along the Broadhead Street / Holscher Road Detention Pond.**

Motion by Trustee Lytle, second by Trustee Utter, to approve the easement for Alliant Energy along Broadhead Street Holscher Road detention basin. Motion carries 7-0 by acclamation.

**c. Discussion and possible action on Resolution 01-2017: A Resolution acknowledging International Migratory Bird Day.**

Motion by President Czebotar, second by Trustee Utter, to approve Resolution 01-2017: A Resolution acknowledging International Migratory Bird Day. Motion carries 7-0 by acclamation.

**d. Discussion and possible action on awarding the bid for the 2017 wide area finish mower.**

Motion by Trustee Mooney, second by Trustee Adrian, to approve the purchase price of \$77,685 for a wide area finish mower. Motion carries 6-1 with Utter voting nay.

**e. Discussion and possible action on awarding the bid for the purchase of and equipment to the 2017 Public Works patrol truck.**

Motion by Trustee Mooney, second by Trustee Adrian, to approve the purchase of the cab and chassis with equipment in the total bid amount of \$115,842.07. Motion carries 6-1 with Utter voting nay.

**f. Authority, Board, Commission, and Committee agenda item requests, referrals, and updates.**

Trustee Mooney provided an update from the Volunteer Committee on upcoming Earth Day activities.

**7. CLOSED SESSION. Motion to convene in closed session in accordance with Wis. Stats. §19.85 (1) (e) to deliberate or negotiate the investment of public funds or other specified public business whenever competitive or bargaining reasons require a closed session, specifically to consider an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3.**

Motion by President Czebotar, second by Trustee Mooney, to convene in closed session in accordance with Wis. Stats. §19.85 (1) (e) to deliberate or negotiate the investment of public funds or other specified public business whenever competitive or bargaining reasons require a closed session, specifically to consider an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3. Motion carries 6-1 on a roll call vote: Adrian-aye, Brassington-aye, Czebotar-aye, Kolk-aye, Lytle-aye, Mooney-aye and Utter-Nay.

**8. OPEN SESSION. Motion to adjourn the Closed Session and reconvene in Open Session to discuss and take action on items of business discussed in Closed Session.**

Motion by President Czebotar, second by Trustee Lytle, to enter back into open session at 8:46 p.m. Motion carries 7-0 by acclamation.

**a. Discussion and possible action on an offer to purchase from the McFarland School District for the property known as 6009 Johnson Street, being tax parcel number 0610-034-0195-3.**

Motion by President Czebotar, second by Trustee Lytle, to request the School Board to extend the expiration date of the December 22, 2016 offer to purchase by two weeks until January 24, 2017 to allow for the Village Attorney to work with the School District Attorney to collaborate on seeking a compromise in the negotiation process. Motion carries 6-1 by acclamation with Utter voting nay.

**9. ADJOURNMENT**

Motion by Trustee Utter, second by Trustee Adrian, to adjourn at 8:50. Motion carries 7-0 by acclamation.

Village of McFarland

**BUSINESS**

January 23, 2017

**ORDINANCE NO. 2017-01**

**AN ORDINANCE TO AMEND THE ALTERNATE SIDE WINTER PARKING ORDINANCE**

Purpose: To clarify wording of the alternate side winter parking ordinance.

Sponsor: Police Chief Craig Sherven

Based on Referrals from: Public Safety Committee

Public Hearing: Not Required

The Village Board of the Village of McFarland do hereby ordain as follows:

1. Section 35-158(a) of the Village of McFarland Municipal Code is hereby amended to read as follows:

*Alternate side parking.*

~~It shall be unlawful to park any vehicle in the Village on the odd-numbered side of the street on the even-numbered calendar days and on the even-numbered side of the street on the odd-numbered calendar days from December 1 to March 31 each year during the hours between 1:00 a.m. and 7:00 a.m.~~ Between the hours of 1:00 a.m. and 7:00 a.m., all vehicles must park on the even numbered side of the street on even-numbered calendar days and on the odd-numbered side of the street on odd-numbered days from December 1 to March 31 of each year. It shall be unlawful to *park* any vehicle on any cul-de-sac bulb street in the Village from December 1 to March 31 each year during the hours between 1:00 a.m. and 7:00 a.m. Any vehicle or object parked in violation hereof may be removed from said street by the Village police at the cost of the owner thereof and, in addition thereto, shall be liable for and subject to the penalties provided below. This Subsection shall not apply to streets where parking is limited to one *side* of the street.

APPROVED:

\_\_\_\_\_  
Brad Czebotar, Village President

ATTEST:

\_\_\_\_\_  
Cassandra Suettinger, Village Clerk

ORDINANCE 2017 -01	
MOTION	SECOND
ACTION	DATE
Adopted	
Referred	
Tabled	
Withdrawn	
Defeated	
Published	
INDIVIDUAL VOTING RECORD	
Adrian	Lytle
Brassington	Mooney
Czebotar	Utter

Kolk

VOTING  
RESULTS

Motion Carried:  
Motion Defeated:



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## Statement of Qualifications and Proposals for Professional Services

Date: January 24, 2017

Re: Facility Security System Planning Project

---

The Village of McFarland (“Village”) is soliciting Statements of Qualifications and Proposals for Professional Services (“SOQP”) for the Facility Security Planning for all of its facilities including but not limited to the McFarland Municipal Center (5915 Milwaukee Street), E.D. Locke Public Library (5920 Milwaukee Street), Public Works Facility (5115 Terminal Drive), and various other outbuildings containing water wells, sanitary lift stations, and park shelters as applicable. We would like to have your participation and look forward to receiving your proposal.

Please email your questions to Police Chief Craig Sherven: [craig.sherven@mcfarland.wi.us](mailto:craig.sherven@mcfarland.wi.us). All Statement of Qualifications and pricing proposals must be received on or before, February 24, 2017 at 4:00 pm. Interested firms are required to submit the completed SOQP in a sealed envelope identified as “MCFARLAND SECURITY SOQ” with the Respondent’s name and address clearly indicated.

**All Statements of Qualification/Proposals will be submitted to:**

Village of McFarland  
Attn: Craig Sherven, Police Chief  
PO Box 110  
McFarland, WI 53558

The following items need to be considered when submitting your proposal (the successful proposer of this project is hereafter referred to as the “Consultant”).

<i>5915 Milwaukee St</i>	•	<i>P.O. Box 110</i>	•	<i>McFarland, WI 53558-0110</i>	•	<i>FAX: (608) 838-3619</i>				
<b>Administration</b>		<b>Community Development</b>		<b>EMS</b>		<b>Fire</b>		<b>Outreach</b>		<b>Police</b>
838-3153		838-3154		838-3152		838-3278		838-7117		838-3151

**A. Proposal and Contract:**

Consultant shall provide and sign a contract with Village in conformance with State of Wisconsin contract law. The format and content of the contract are subject to review and approval by Village Attorney.

**B. Project Description:**

The Village is seeking a comprehensive assessment of the adequacy and condition of its existing facility security system(s) in order for the Consultant to make recommendations regarding possible enhancements or improvements to increase safety and security of the Facilities. Further, it is desired that the Consultant will make recommendations regarding improvements and potential expansion of the system to provide enhanced safety and security, with budget level cost estimates. The Consultant should evaluate the entire system(s) including but not limited to servers, storage, monitors, and cameras as part of their comprehensive assessment.

**C. Scope of Work:**

1. Meet with Village Stakeholder Group – Kick-off meeting to review existing system and capacity, operational strengths and weaknesses, and Village goals/objectives.
2. Conduct a Visual Assessment and Functional Review – Conduct a visual assessment and functional review of existing equipment. Summarize and submit a draft to the Village for review and comment. Revise it as needed per Village’s comments before proceeding with Task 3.
3. Develop Recommendations and Options for Upgrade and Expansion of the System – Based on Village goals and assessment of existing equipment and system, develop recommendations in the form of options for enhancement of the existing system. Include a comparative matrix of equipment type (strengths, weakness, cost). Submit a draft and review options with the Village for input. Confirm Village’s preferred option/strategy before proceeding with Task 4.
4. Prepare a Comprehensive Report – Prepare a written report summarizing the whole assessment project, recommendations, and projected budget level costs. Report should prioritize implementation schedule of the recommended safety enhancements. Include a narrative describing the Village goals for the system, the general condition and performance capacity of the existing equipment, options presented for enhancement and expansion of the system (including resultant features and capacity, and cost), and final recommendations (including projected budget level cost). The Consultant further agrees and certifies that it will be providing to the Village the lowest price for each item and for substantially the same equipment, software, and service package that it recommends within this report. Submit a draft report for Village’s review. Revise as needed per Village’s comments.

5. Begin Implementation – Upon acceptance of the Comprehensive Report by the Village Board, the Village shall move forward with the Consultant to implement prioritized recommendations. Implementation is further dependent on approval of the Village and availability of funds for the projects at the sole discretion of the Village Board.

**D. Minimum Qualifications** – Firms must meet the minimum requirements:

1. Within the last 10 years has been the lead consultant for a minimum of five (5) similar projects for a public agency.
2. Have knowledge of state of the art equipment and technology, and familiarity with a wide variety of manufacturers and models of equipment. Not be a representative of any equipment manufacturer or vendor, nor have a financial interest in any equipment manufacturer or vendor companies.
3. Have sufficient staff and resources to be able to complete contract obligations in a timely manner.
4. Licensed and/or certified professionals as required to provide the services.
5. Have technical competence and capabilities in computer aided drafting, using a system that is compatible with the current AutoCad release.
6. Demonstrated longevity of the firm and demonstrated financial stability.
7. Ability to attend meetings and provide services in a timely manner, as related to distance of firm and sub-consultants from Village facilities.
8. The selected Consultant must demonstrate adequate insurance coverage.

**E. Requirements of the Statement of Qualifications and Proposal** – Your Statement of Qualifications and Proposal (SOQP) must address each of the following sections in the order listed below. Responses should be concise and should demonstrate Consultant’s capability to meet or exceed each minimum qualification listed in section D. Submit one (1) pdf and seven (7) hard copies of the complete SOQP. Upon submission, the SOQP and all copies thereof will become the property of the Village and will not be returned in total or in part (except item 9 ‘Example Report’, as noted below).

1. Cover Letter/Letter of Interest (max of two (2) pages) – Must include name of firm, address, telephone number, and name and email of Principal to contact. Letter must be signed by representative of the firm with authorization to bind the firm by contract.
2. Description of Firm and Key Sub-Consultants (as applicable)

*A. Engineering Firm*

- History, number of years in business, staff size
- Location of office which will perform the work
- Size of staff, number of licensed engineers in the office which will perform the work

*B. Organizational Chart*

- Provide an organizational chart showing the Village’s relationship to your firm and the individuals who will perform the work. Indicate any sub-consultants; indicate whether cost estimating is in-house or a sub-consultant.

*C. Sub-Consultants or Sub-consultant Firms:*

- For each sub-consultant or sub-consultant firms, provide the following information:
  - Description of the services the individual or firm will be providing
  - History, number of years in business, staff size
  - Location of office which will perform the work
  - Size of staff, number of professionals in the office which will perform the work
  - Description of extent and duration of prior working relationship with your firm (number and types of projects, number of years)

**3. Firm Relevant Experience**

*A. Describe extent of knowledge of state of the art security camera system equipment – Include statement that your firm can provide unbiased recommendations regarding appropriate equipment for the Village’s needs, and that your firm, employees, and any sub-consultants are not affiliated with any equipment manufacturer or vendor, nor have a financial interest in any equipment manufacturer or vendor companies.*

*B. List a minimum of five (5) and no more than ten (10) relevant projects similar to this project, completed within the last 10 years, and include:*

- Project name and location
- Project size
- Year completed or current status
- Client, contact person, and phone number
- Brief description of the project

You may include photos as you deem appropriate.

4. Staff Qualifications – List the principals, staff and sub-consultants who will perform the work (as shown on your organizational chart) and list their role. Provide qualifications for each person listed by including resumes, which include license type, number of years with current firm, and list related project experience.

5. Project Approach – Using the schedule dates outlined in this SOQP, briefly describe your team’s approach to undertaking the project. Indicate what information you will need from the Village and by when, including review comments on draft documents.

6. Other – Provide any other information regarding your qualifications that you feel is relevant for consideration for this project. Do not cover topics requested in other parts of this SOQP. Limit this response to one (1) page maximum.

7. Agreement – A sample contractual agreement will be provided to be reviewed and approved as to form by the Village Attorney.

8. Proposed Fee – Provide a not to exceed fee for the scope of work described; include a back-up breakdown of labor and materials assumptions. Provide a separate listing of hourly billing rates.

**F. Schedule:**

- SOQP Notice – January 24, 2017
- Newspaper Notice – February 2 and 9, 2017
- SOQP Due – February 24, 2017 at 4:00 pm
- Prospective Consultant Interviews with Village – Week of February 27, 2017
- Public Safety Committee Consideration of Contract – March 8, 2017
- Village Board Consideration of Contract – March 13, 2017
- Start of Work/Project Kick-off Meeting – March 27, 2017
- Draft of Task 2 Document – April 21, 2017
- Draft of Task 3 Document – May 19, 2017
- Draft of Comprehensive Report – June 2, 2017
- Public Safety Committee Review of Final Report – June 13, 2017
- Village Board Review of Final Report – June 26, 2017
- Comprehensive Plan Implementation Begin – July 1, 2017

VILLAGE OF MCFARLAND  
WELLHEAD PROTECTION PLAN  
WELLS #1, 3, 4 and  
Future Well #5

October, 2016



Prepared for the Village of McFarland  
By: Wisconsin Rural Water Association  
Sourcewater Protection Program  
Andrew Aslesen, Sourcewater Specialist, [Aaslesen@wrwa.org](mailto:Aaslesen@wrwa.org)

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



## Table of Contents

BACKGROUND.....	1
WATER SUPPLY.....	1
HYDROGEOLOGIC SETTING .....	2
AQUIFER CHARACTERISTICS.....	3
GROUNDWATER FLOW DIRECTION.....	4
ZONE OF INFLUENCE .....	5
ZONE OF CONTRIBUTION (RECHARGE AREA) .....	6
POTENTIAL CONTAMINANT SOURCES.....	6
WELLHEAD PROTECTION AREAS .....	8
MANAGEMENT STRATEGY.....	8
STEERING COMMITTEE .....	9
CONTINGENCY PLANNING .....	10
REFERENCES.....	21

## Figures

<b>Figure 1 – Village of McFarland Municipal Well Locations .....</b>	<b>11</b>
<b>Figure 2 – Vertical Relationships.....</b>	<b>12</b>
<b>Figure 3 – Groundwater Flow .....</b>	<b>13</b>
<b>Figure 4 – Zone of Contribution .....</b>	<b>14</b>
<b>Figure 5 – Wells #1 Potential Contaminant Sources .....</b>	<b>15</b>
<b>Figure 6 – Well #3 Potential Contaminant Sources.....</b>	<b>16</b>
<b>Figure 7 – Well #4 Potential Contaminant Sources.....</b>	<b>17</b>
<b>Figure 8 – Future Well #5 Potential Contaminant Sources .....</b>	<b>18</b>
<b>Figure 9 –Wellhead Protection Areas .....</b>	<b>19</b>
<b>Figure 10 – Wellhead Protection Area Parcels.....</b>	<b>20</b>

## Appendices

- Appendix A – Potential Contaminant Source Inventory, Setbacks & List of Abbreviations
- Appendix B – Lithologic Logs And Well Construction Details
- Appendix C – Draft Wellhead Protection Ordinance

**BACKGROUND**

The Village of McFarland has prepared this wellhead protection plan for the purpose of minimizing the risk of contamination of the municipal water supply. Wellhead protection is a preventative program designed to protect public water supplies by managing land use in the area surrounding the wells. For newly constructed wells, wellhead protection plans are required by the WI DNR. For existing wells constructed prior to 1992, such as McFarland’s Wells #1, #3 & #4, wellhead protection plans are voluntarily completed at the utilities discretion. The village had to remove Well #2 from service in October 1987 due to contaminated groundwater. The well was permanently abandoned in 2000. Preventing similar events in the future is the goal of wellhead protection planning. This plan establishes wellhead protection areas around each municipal water supply well. These areas are designated for special protective measures intended to minimize the risk of the well becoming contaminated. The wellhead protection areas are generally the area determined by a hydrologic study to contribute groundwater to the well. Wellhead protection areas receive the most concerted protection efforts. This plan is prepared in accordance with the Wisconsin Administrative Code, Chapter NR 811.12(6) for wellhead protection planning.

WATER SUPPLY

McFarland’s water system serves the entire Village, population 7,808, with an average demand of around 580,000 gallons per day (gpd). The demand stays fairly consistent throughout the year, with a slight increase during the summer months. This plan includes the village’s three existing wells and the location of future Well #5. Well construction details are as follows.

Table 1

Well #	WI Unique Well ID#	Total Depth (ft)	Casing Depth (ft)	Open Interval (ft)	Well Diameter (in)	Design Capacity (gpm)
1	BF498	560	167	393	10	500
3	HJ137	700	260	440	17	1000
4	AC718	800	130	670	18	1000
5	TBD	TBD	TBD	TBD	TBD	TBD

All wells are controlled by a SCADA system and are pumped simultaneously. The wells are pumped 2-3 times per day for about one hour each pumping cycle. Water is treated at each well house with liquid chlorine for disinfection and fluoride for dental health. From the well house water is sent into the distribution system. Like much of Wisconsin, the water is very hard, ranging from 330-380 mg/L calcium carbonate (Kammerer, 1981). The Village has two elevated storage tanks with capacities of 500,000 and 750,000 gallons. Locations of the wells are shown in Figure 1. Lithologic logs and construction details for the wells are included in Appendix B.

## Village of McFarland Wellhead Protection Plan – October, 2016

### Well #1

Well #1 is located on the northwest corner of the intersection of Long St. & Milwaukee St. in the central part of the village. The well house sits between the library to the west and village hall to the east. Land use surrounding the well on all sides is primarily residential with some commercial & industry mixed in. Well #1 was completed in 1940 and was most recently rehabilitated in 2010. Backup power for the well is provided by a natural gas motor located permanently in the well house and connected with a right angle gear drive.

### Well #3

Well #3 is located on the southeast corner of Siggelkow Rd. and North Autumn Lane on the north edge of the village. Part of the land north of Siggelkow Rd. is the City of Madison. Land use surrounding the well on all sides is residential, with a petroleum pipeline right of way 800 feet northeast of the well. Northwest of the well along Hwy 51 is heavy commercial & industrial landuse. Well #3 was originally completed in 1974 to a depth of 320 feet. The well was reconstructed in 1995 to extend the well to a depth of 700 and the casing to a depth of 260 feet. The well was most recently rehabilitated in 2008. Backup power for the well is provided by a natural gas motor located permanently in the well house and connected with a right angle gear drive.

### Well #4

Well #4 is located in Egner Park on the Northeast corner of the intersection of Creamery Rd & Elvehjem Rd in the southeast part of the village. Land use surrounding the well is residential to the north, parks/natural conservation areas to the south and agriculture to the east beyond the village limits. Well #4 was completed in 1989 and was most recently rehabilitated in 2001. Backup power for the well is provided by a natural gas motor located permanently in the well house and connected with a right angle gear drive.

### Future Well #5

The well site for McFarland's future Well #5 is located on the northeast corner of the intersection of Prairie Wood Drive and Wiouwash Way, in the southeast part of the village. The village owns the double lot sized parcel in a residential neighborhood.

## **HYDROGEOLOGIC SETTING**

McFarland is located in central Dane County in the south central part of the state. The topography of the area was shaped by Green Bay Lobe of the Laurentide Ice Sheet that extended into and covered eastern Dane County several times. The Glaciers shaped drumlins and left deposits of "till", which are unconsolidated surficial material deposited directly by glaciers. The till consists of gravelly, clayey, silty sand deposits typically 15 to 65 ft thick. Drumlins are northeast-southwest trending elongated hills separated by flat lowlands. They are as much as 90 ft high, 1200 ft wide and more than a half mile long, oriented in the direction

which the glaciers moved (Clayton & Attig, 1997). There are several drumlins located within the Village of McFarland.

Below the glacial till are several hundred feet of dolomite, sandstone & shale bedrock of the Trempealeau & Tunnel City groups and the Wonewoc, Eau Claire & Mt. Simon formations (Brown et. al., 2012). The Wonewoc is described as quartz sandstone, medium grained, brownish yellow to white with a thickness of up to 200 feet. Recent studies at multiple field sites within Dane County provide evidence for preferential flow of groundwater along bedding-plane fracture features within the Wonewoc. The Eau Claire is described as fine to very fine, silty, shaly, and/or dolomitic quartz sandstone. The upper portion of the Eau Claire Formation contains significant amounts of shale and siltstone forming an aquatard, slowing groundwater movement between the formations above and below (Parsen et. at., 2016). The Mt. Simon ranges from 300 to 600 feet thick and is described as medium to coarse grained quartz sandstone, with pebble conglomerate near the basal contact with the Precambrian. Generally cemented by carbonate, iron oxide, and locally, silica. The upper part may be locally dolomitic, especially in the Madison area, and may grade gradually upward into the overlying Eau Claire Formation (Brown et. al., 2012). Below the sandstone is Precambrian age igneous and metamorphic crystalline bedrock that is effectively impermeable (Kammerer, 1998). A geologic cross section showing geologic formations is shown in Figure 2.

#### AQUIFER CHARACTERISTICS

The bedrock aquifer is divided into an upper and lower aquifer divided by the Eau Claire Shale formation. The sandstone aquifers are very productive with mean hydraulic conductivity values calculated from 1,554 specific capacity or aquifer tests of 4.2 and 10 feet per day in the upper & lower bedrock aquifers (Krohelski et. al., 2000). All of McFarland's wells pump water from both upper and lower bedrock aquifers that include the Wonewoc & Mt. Simon formations and are screened across the Eau Claire aquatard.

The source of all groundwater is precipitation which infiltrates and recharges the aquifer. The rate at which groundwater flows in the aquifer is determined by the hydraulic parameters of the aquifer. Important hydraulic parameters are described below and given in Table 2:

- Aquifer Thickness – Vertical thickness of water bearing porous medium.
- Effective Porosity – The ratio of void volume to the total volume of material (estimate)
- Hydraulic Gradient – The change in water table elevation (hydraulic head), divided by the change in distance in a given direction (calculation shown in Figure 2)
- Storage Coefficient – The volume of water that an aquifer releases from storage, per unit surface area of the aquifer, per unit change in head. Estimated for unconfined aquifers (Driscoll 1986, pp. 737).
- Transmissivity – The rate at which water is transmitted through a unit width of the aquifer under a unit hydraulic gradient. It is estimated using pump test data, and the "T-Guess" computer solution (Bradbury and Rothschild, 1985).
- Hydraulic Conductivity – The ease with which flow takes place through a porous medium. It is calculated by dividing the transmissivity by the aquifer thickness.

## Village of McFarland Wellhead Protection Plan – October, 2016

Table 2

<b>Aquifer Hydrologic Parameters</b>	Well #1	Well #3	Well #4	Well #5
Aquifer	Upper & Lower Bedrock Aquifers			TBD
Aquifer Thickness (ft)	800	800	800	
Effective Porosity	0.2	0.2	0.2	
Hydraulic Gradient	0.006	0.006	0.006	
Storage Coefficient	0.1	0.1	0.1	
Transmissivity (ft <sup>2</sup> /sec)	0.0073	0.0052	0.0056	
Calculated Hydraulic Conductivity (ft/day)	0.79	0.56	0.60	

The Aquifer hydraulic parameters are estimated using a pump test, which is conducted at the time of well construction, and can be found on the well construction report. A pump test provides an estimate of how much water an aquifer can yield and how good the well performs, also known as the wells specific capacity. This is done by measuring drawdown, which is the difference between the static (pre-pumping) water levels and water levels after pumping the well at a given rate for a given period of time. The pumping test results are as follows:

Table 3

<b>Pump Test</b>	Well #1	Well #3	Well #4	Well #5
Pumping Rate (gpm)	395	1200	1000	Not yet
Duration (hours)	12	6	8	Drilled
Static Water Level (ft)	20	49	16	
Pumping Water Level (ft)	31	218	35	
Drawdown (ft)	11	169	19	
Specific Capacity (gpm/ft)	35.9	7.1	52.6	

### GROUNDWATER FLOW DIRECTION

In a groundwater flow system, groundwater moves continuously from areas of recharge to areas of discharge. The direction of groundwater flow may be inferred from the regional topography and the slope of the water table. The water table is the upper limit of the aquifer and is measured in “head” or elevation above sea level. The water table is estimated by looking at water levels in wells that have a screened interval within the aquifer. Wells provide a point of measurement of the water table elevation. The best available water table map for the area was published by the Wisconsin Geologic and Natural History Survey in 1999. A local portion of the map is shown in Figure 3. The water table is shown as contour lines of equal head with a 20 ft interval. Groundwater flows approximately at right angles to the contour lines of equal head in the direction of decreasing head. Groundwater flow near McFarland originates at the groundwater divide northeast of the village near the Village of Cottage Grove and moves from east/northeast to west/southwest towards the Yahara River.

## ZONE OF INFLUENCE

The Theis Equation is used to calculate the Zone of Influence (ZOI), which is a circle around each well that represents a cone of depression in the water table defined by a drawdown of 1 foot that would develop after 30 days of continuous pumping at full capacity, with no recharge to the groundwater. It assumes that the aquifer is homogeneous (the aquifer is equally permeable in all places and in all directions), the well fully penetrates the aquifer and drawdown is small compared to the saturated thickness. It simulates theoretical worst-case condition. Since the formula uses continuous pumping at full capacity and does not consider recharge to the aquifer, the calculation may be artificially large. When recharge is considered the ZOI becomes an elliptical shape extending farther upgradient and less downgradient.

### Theis Equation:

$$W(\mu) = \frac{sT}{114.6*Q}$$

$$r^2 = \frac{Tt\mu}{1.87S}$$

### Where:

$W(\mu)$  = Well Function

s = Drawdown (1 ft)

Q = Maximum Pumping Capacity

T = Transmissivity (gpd/ft)

S = Storativity

$\mu$  = From lookup table based on  $W(\mu)$

t = 30 days continuous pumping

R = Radius of the cone of depression

### Zone of Influence (ZOI) Calculations:

Well #1	$W(\mu) = \frac{1 \times 109,820}{114.6 \times 500}$	$W(\mu) = 1.9166$
		$\mu = 0.09$
	$r = \sqrt{\left( \frac{109,820 \times 30 \times 0.09}{1.87 \times 0.1} \right)}$	ZOI radius= 1,259 feet
Well #3	$W(\mu) = \frac{1 \times 9,690}{114.6 \times 1000}$	$W(\mu) = 0.0846$
		$\mu = 1.6$
	$r = \sqrt{\left( \frac{9,690 \times 30 \times 1.6}{1.87 \times 0.1} \right)}$	ZOI radius= 1,577 feet
Well #4	$W(\mu) = \frac{1 \times 83,980}{114.6 \times 1000}$	$W(\mu) = 0.7328$
		$\mu = 0.38$
	$r = \sqrt{\left( \frac{83,980 \times 30 \times 0.38}{1.87 \times 0.1} \right)}$	ZOI radius= 2,263 feet

## **ZONE OF CONTRIBUTION (RECHARGE AREA)**

In order to protect the groundwater reaching McFarland's municipal wells, it is important to determine where that groundwater is coming from. The land area that contributes water to a well is known as the "Zone of Contribution" (ZOC) or recharge area. Several methods can be used to delineate recharge areas ranging from a simple fixed radius to the use of complex computer models. There have been many studies focused on the groundwater resources in Dane County including groundwater modeling. The WGNHS, USGS & Capital Area Regional Planning Commission (CARPC) worked in cooperation to form a groundwater model for the county in 1996. In 2015 a revised version of the original model was produced by the same cooperators. CARPC used the revised 2015 model to delineate the ZOC for each of McFarland's municipal wells. ZOCs were delineated based on year 2040 projected water use rates spread equally between all wells. Pumping rates used were 0.174 million gallons per day for each for 4 wells (this includes future Well #5).

The ZOC is delineated as "capture zones" equal to the 5-year, 50-year & 100-year Time of Travel (TOT) capture zones. Water recharging the aquifer at the margins of the 5, 50 & 100-year capture zone should take 5, 50 & 100 years respectively to reach the pumping well. The 5-year capture zone is particularly important because 5 years is generally determined to be an adequate amount of time needed for the geologic formation to degrade or dilute most contaminants, or contamination could be cleaned up before reaching the pumping well. The 5-year TOT capture zones represents an area where protecting the groundwater is the most important. The full capture zone should be protected as well; however protection measures can be less intensive in this area. The modeled capture zones are mapped in Figure 4.

## **POTENTIAL CONTAMINANT SOURCES**

In order to design the most appropriate management strategy, it is necessary to know what possible sources of contaminants are present around each well. These are locations where human activity or land use has created the potential to release contaminants into the groundwater aquifer. Potential contaminant sources within ½ mile of each well were identified in the Source Water Assessment prepared by the Wisconsin Department of Natural Resources (WDNR, 2003) as well as a records review and field reconnaissance.

Contaminants on the surface are subject to a series of physical, chemical and biological processes that impede, destroy or bind up contaminants moving through the soil and unconsolidated till toward the groundwater. Soil grain size & organic matter as well as layers of silt & clay in the glacial till work to reduce the susceptibility of the aquifer. Soils near McFarland are primarily silty loams that have moderate potential to attenuate pollutants. The primary risks to the aquifer are described and discussed below and potential contaminant sources within ½ mile of each well are mapped in Figures 5, 6, 7 & 8. Appendix A contains a comprehensive inventory with distances and direction from the nearest well.

### Domestic Wastewater

Sewage from leaking sanitary sewers and septic systems contain both domestic and industrial wastewater. While industrial wastewater can have many types of pollutants, the contaminants of most concern in domestic wastewater include pathogens and nitrate. Pathogens (primarily bacteria and viruses) are filtered somewhat as they move through the ground and are viable for a limited time. Pathogens are treated using continuous disinfection. All wells have wastewater mains within 200 feet and there is an un-sewered subdivision with multiple septic systems 2,200 feet northeast of Well #3. The distance of the subdivision minimizes the risk of contamination from these sources; however continuous disinfection is an important protective measure.

### Agriculture

The risk from agriculture is primarily Nitrate from fertilizers and manure. Nitrate travels very easily in groundwater with little attenuation. The primary agriculture near McFarland are cultivated row crop fields located north & east of Future Well #5. The depth and large saturated thickness of the aquifer minimize risk from agricultural land. If producers on these fields follow good farming practices for manure & fertilizer application, the risk of nitrate contamination from agriculture is minimal.

### Volatile Organic Compounds (VOCs)

VOCs can be released from a variety of sources, including petroleum storage & transport, auto repair shops & dry cleaners. Some VOCs are heavy and readily move downward through the aquifer. Heavy VOCs consist primarily of chlorinated solvents used in dry cleaning, parts washing (general de-greasing) and brake cleaning operations. There are two leaking underground storage tank sites near Well #1 that have been cleaned up under the authority of the DNR remediation program. West Shore Pipeline Co. operates a petroleum pipeline which passes 920 feet northeast (and within the modeled 5-year zone of contribution) of Well #3, 1,400 feet northeast of future Well #5 and just over ½ mile northeast of Wells #1 & #4. This is upgradient from all of McFarland's wells. A pipeline break near McFarland could affect one or all of McFarland's wells, particularly Well #3. Additionally, there are several bulk storage & distribution sites more than ½ mile northwest of Well #3. These are down gradient from the well, but worth noting. VOC's are the primary threat to McFarland's municipal wells.

VOC's from the former Monona Tube and Welding 1,800 feet west/northwest of McFarland's former Well #2 contaminated the well causing it to be removed from service in October 1987 and abandoned.

### Private Wells

Water can move through a private well that is unused or in disrepair. These wells can be a direct conduit for contaminants to move quickly from the surface to the groundwater.

## Village of McFarland Wellhead Protection Plan – October, 2016

Damaged or missing well caps provide a direct path for vermin, insect and other organisms to contaminate the aquifer. There are several private wells within ½ mile of several municipal wells, the closest being near Well #3. If any wells are found that are un-used or don't meet construction codes, they should be properly abandoned.

### WELLHEAD PROTECTION AREAS

A Wellhead Protection Area (WHPA) is defined by the federal Safe Drinking Water Act as the "surface and subsurface area surrounding a water well or well field, supplying a public water system, through which contaminants are reasonably likely to move toward and reach such water or well field". In practical terms, the WHPA is a legally-defined area including all or part of the Zone of Contribution and within which zoning practices or other land-use controls can be implemented to help protect groundwater from contamination (Bradbury et. al., 1999). The WHPA's are established to clearly define the area most critical for protecting the wells from contamination. They should be the primary focus of efforts to protect the Village water supply.

The WHPA's for McFarland include the full 5-year TOT capture zones. The DNR suggests the boundary of a WHPA be extended to a minimum distance of 1,200 ft around municipal wells. The Village has decided a minimum distance of 1,800 feet is appropriate since the source of contamination that affected Well #2 was 1,800 feet from the well. The boundaries of the WHPAs have been extended to a distance of 1,800 feet. McFarland's WHPA's are mapped in Figure 9. Any parcel that is fully or partially within a WHPA is considered fully part of the WHPA for any implementation purposes, including the establishment of a zoning overlay district. A map showing the parcels that are fully or partially within the WHPA is included in Figure 10.

### MANAGEMENT STRATEGY

The management strategy outlines the Village's plan to implement the wellhead protection plan. "Implementation" means taking specific actions to protect the village water supply wells. This includes addressing specific issues and solutions identified in the wellhead protection plan or by the steering committee. The implementation plan lays out specific actions along with the responsible party and a timeline for completion.

*Blue-shaded blocks indicate activities already in place and ongoing*

<i>Activity</i>	<i>Responsible Party</i>	<i>When Implemented</i>	<i>Comments</i>
<b>SOURCE MANAGEMENT ACTIVITIES</b>			
<b>Wellhead Protection Ordinance</b>	Director of Public Works	Within 3 months of plan completion	The DPW along with WRWA will present the included draft wellhead protection ordinance to the Utility Committee & Village Board for consideration.

Village of McFarland Wellhead Protection Plan – October, 2016

<i>Activity</i>	<i>Responsible Party</i>	<i>When Implemented</i>	<i>Comments</i>
<b>SOURCE MANAGEMENT ACTIVITIES</b>			
<b>Intergovernmental Agreement Supporting WHP Ordinance</b>	Director of Public Works	Within 6 months of plan completion	The DPW will work with the village attorney to draft and implement an intergovernmental agreement with surrounding communities to enforce the WHP ordinance for the portions of the WHP area that lies outside the Village of McFarland.
<b>Private Well Abandonment Ordinance</b>	Director of Public Works/Zoning Administrator	Ongoing	The Village will continue to enforce their private well abandonment ordinance.
<b>EDUCATION AND OUTREACH ACTIVITIES</b>			
<b>WATER CONSERVATION ACTIVITIES</b>			
<b>Leak Detection</b>	Director of Public Works	Ongoing	Water bills are screened for anomalies that could indicate leaks or excessive water use.
<b>Water Meter Testing</b>	Director of Public Works	Ongoing	Water meters are tested every 10 years to insure accuracy in accordance with PSC requirements.

STEERING COMMITTEE

A steering committee has been formed to oversee implementation of the elements of this plan. The committee consists of the following individuals:

- Director of Public Works/Utilities, Village of McFarland
- Assistant Director of Public Works/Utilities, Village of McFarland
- Engineer, Town & Country Engineering
- Source Water Specialist, Wisconsin Rural Water Association

Local governmental entities that have jurisdiction in the planning area are the Village of McFarland, City of Madison, Town of Blooming Grove, Town of Dunn and Dane County. Cooperation will be sought with these entities in implementing this plan.

**CONTINGENCY PLANNING**

Contingency planning is done to minimize the disruption of water service in the event of emergencies. In the event that McFarland’s water supply becomes contaminated, the procedures laid out in the Emergency Response Plan, developed by McFarland Utilities and stored at the public works department office, will be followed. The Emergency Response Plan provides a regularly updated comprehensive list of all necessary contacts for water system employees, emergency management agencies, contractors, and state agencies; as well as emergency procedures, including emergency alternate water sources and emergency disinfection procedures.

With any one or two wells out of service, the remaining well(s) could temporarily meet the average daily pumpage of around 580,000 gallons. The Village has two elevated storage tanks capable of holding a total of 1.25 million gallons that could provide two days of water. Additionally, emergency water use restrictions could be implemented to conserve water. The following is an abbreviated list of emergency contacts.

<u>EMERGENCY CONTACT</u>	<u>PHONE NUMBERS</u>
Local:	
McFarland – Village Hall	608-838-3153
McFarland Director of Public Works	608-838-7287
McFarland Assistant DPW	608-838-7287
Fire Department (EMS)	911 or 608-838-3278
Police Department	911 or 608-838-7954
DNR Representative	608-275-3300
County and Regional:	
Dane County Sheriff	911 or 608-284-6800
Dane County Emergency Management	608-266-4387
Dane County Health Department	608-266-4821
DNR-Regional Spill Coordinator	608-275-3303
State:	
DNR-State Spill Response	800-943-0003
State Lab of Hygiene	608-263-3280

Village of McFarland Wellhead Protection Plan – October, 2016

Figure 1 – Village of McFarland Municipal Well Locations

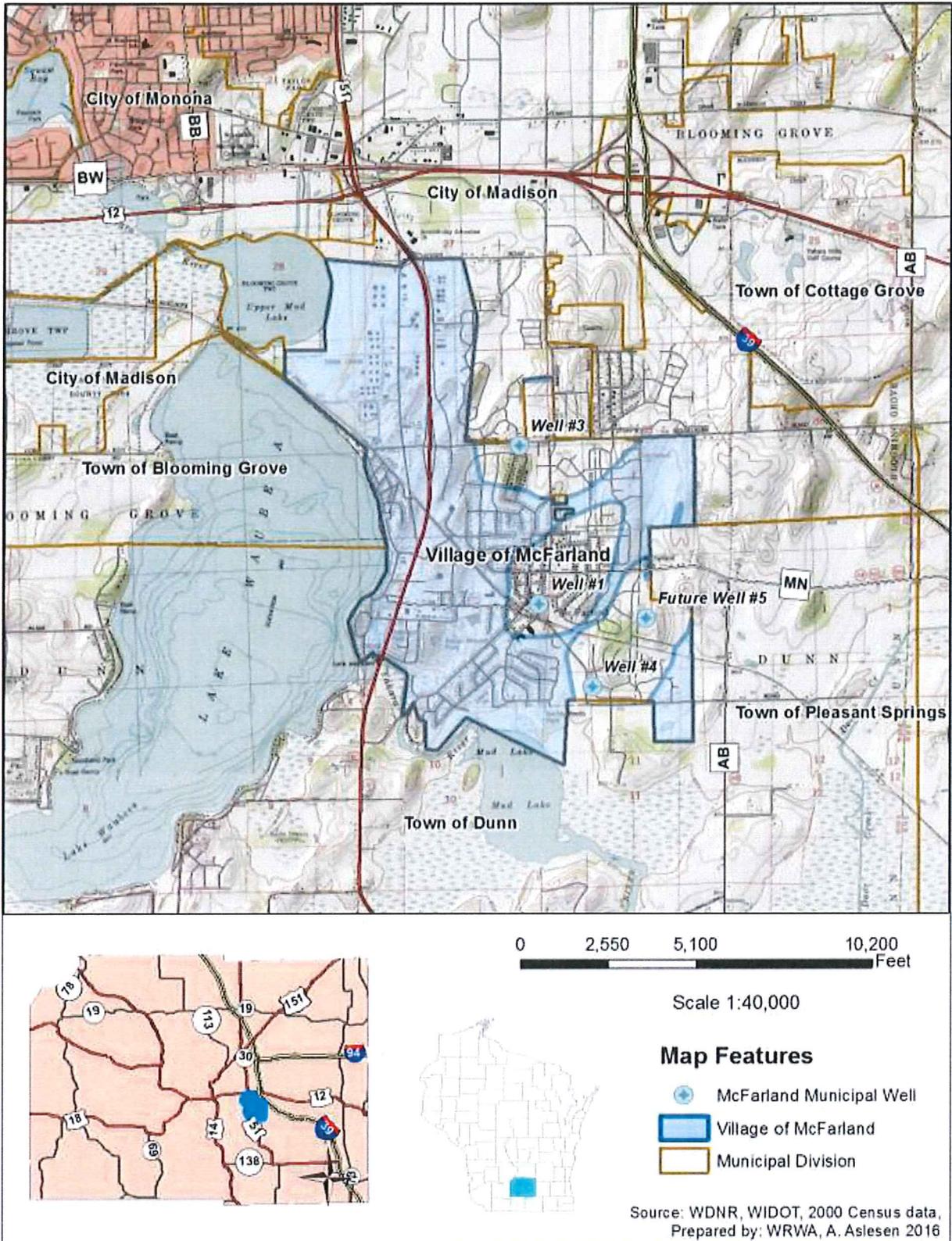


Figure 2 – Vertical Relationships

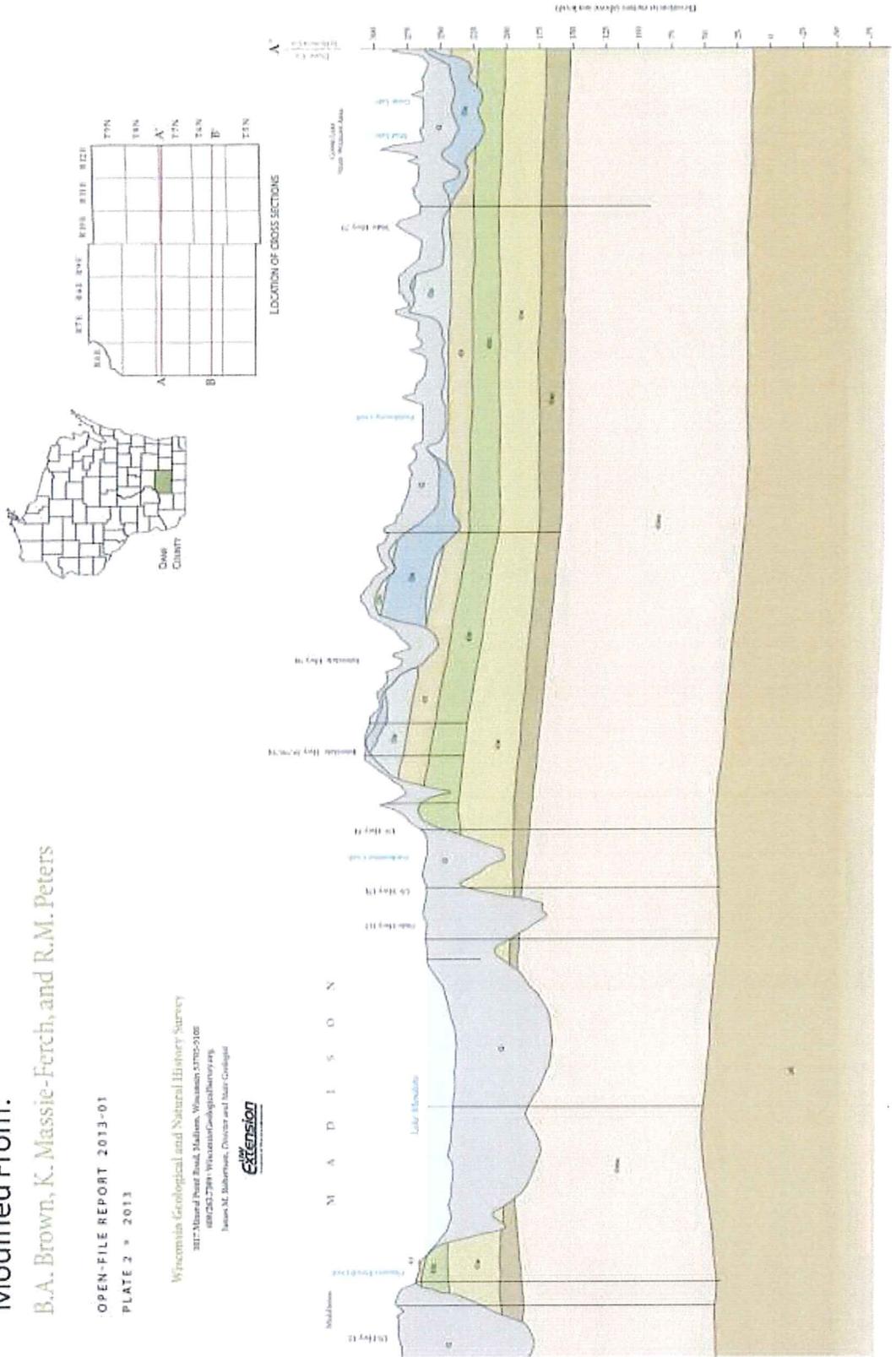
# Preliminary geologic cross sections of Dane County, Wisconsin

Modified From:

B.A. Brown, K. Massie-Ferch, and R.M. Peters

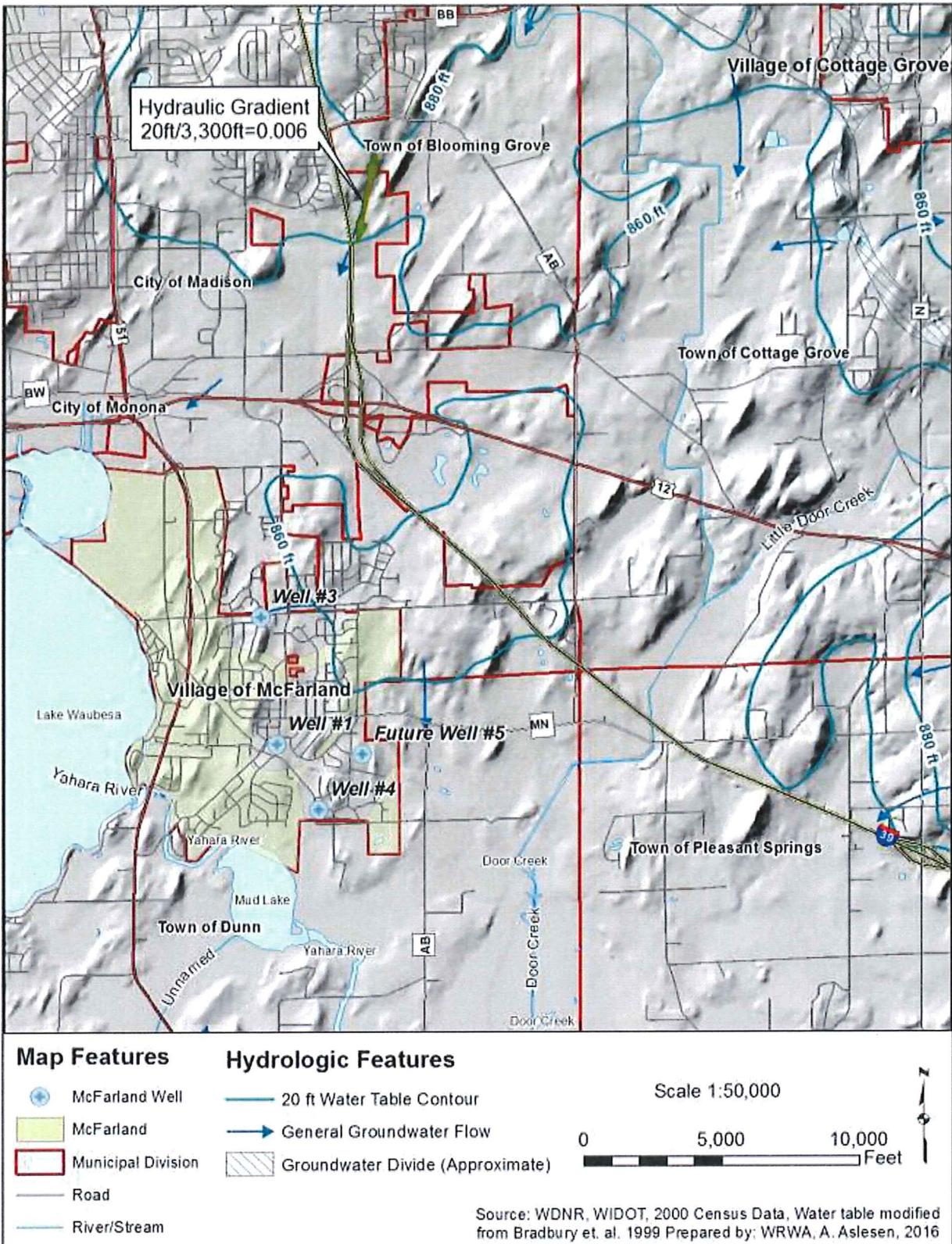
OPEN-FILE REPORT 2013-01  
PLATE 2 \* 2013

Wisconsin Geological and Natural History Survey  
3817 Mineral Point Road, Madison, Wisconsin 53705-9108  
608/262-2789 WisconsinGeologicalSurvey.org  
James M. Sabersky, Director and State Geologist



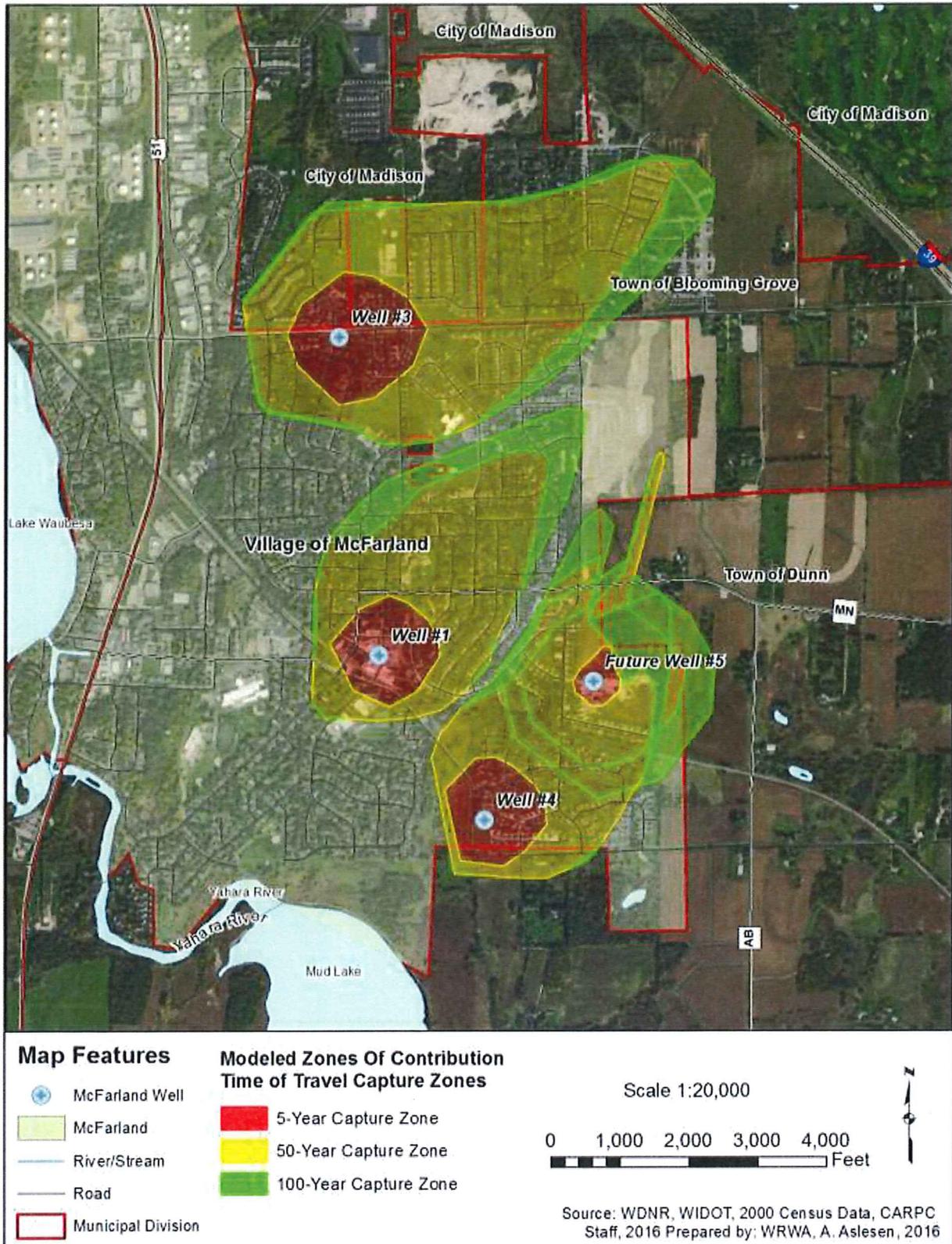
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Figure 3 – Groundwater Flow



Village of McFarland Wellhead Protection Plan – October, 2016

Figure 4 – Zone of Contribution



Village of McFarland Wellhead Protection Plan – October, 2016

Figure 5 – Wells #1 Potential Contaminant Sources



Figure 6 – Well #3 Potential Contaminant Sources



Figure 7 – Well #4 Potential Contaminant Sources

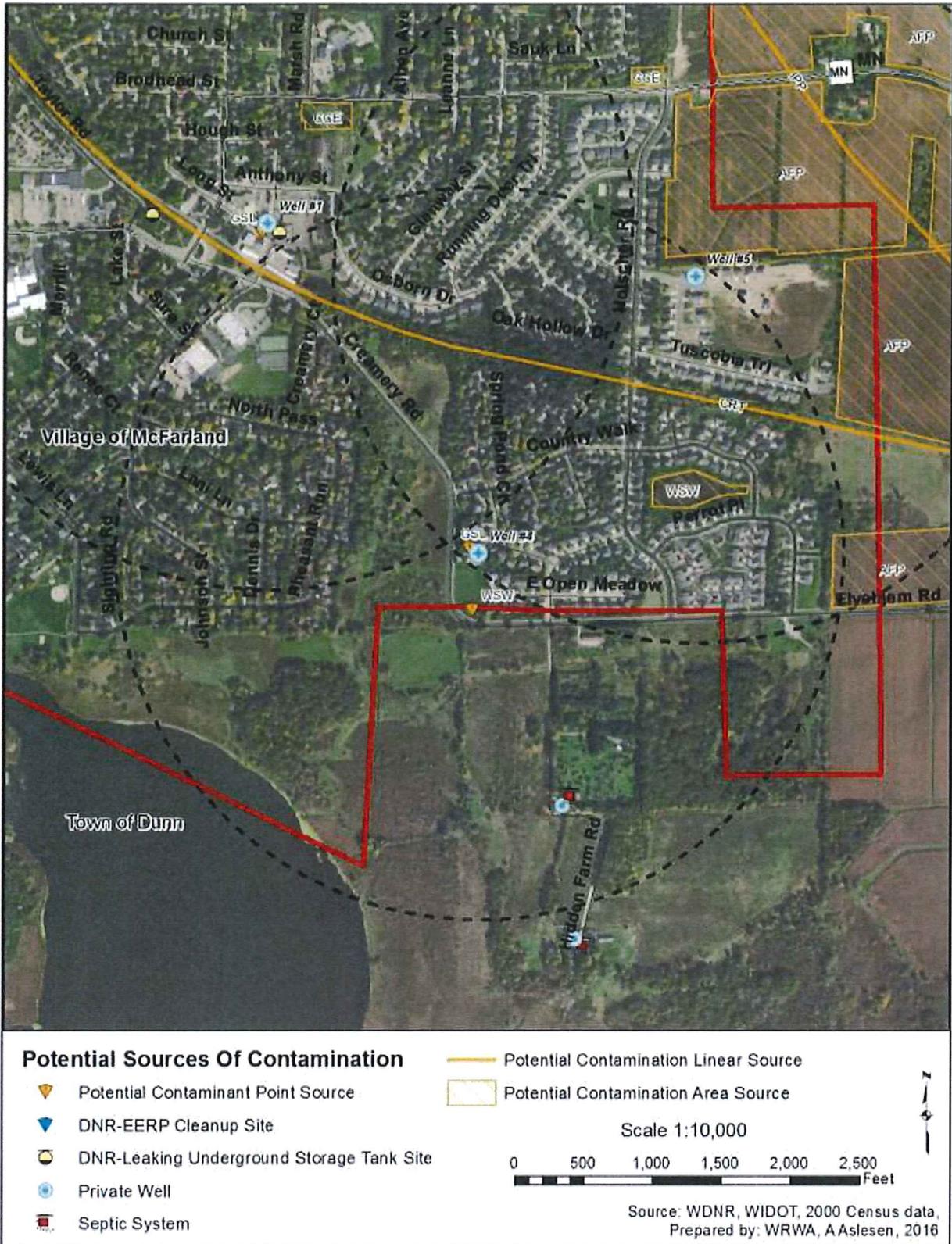
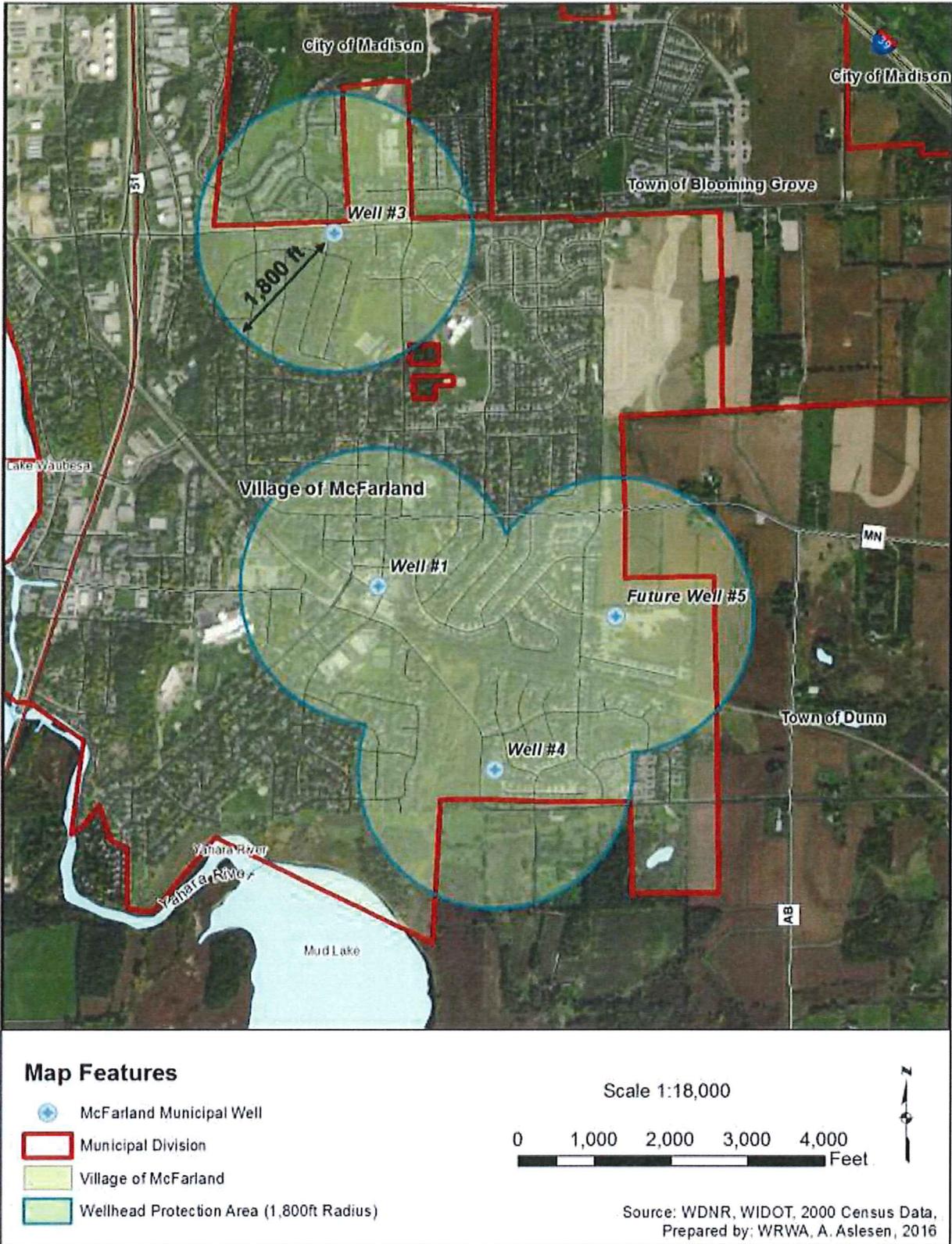


Figure 8 – Future Well #5 Potential Contaminant Sources



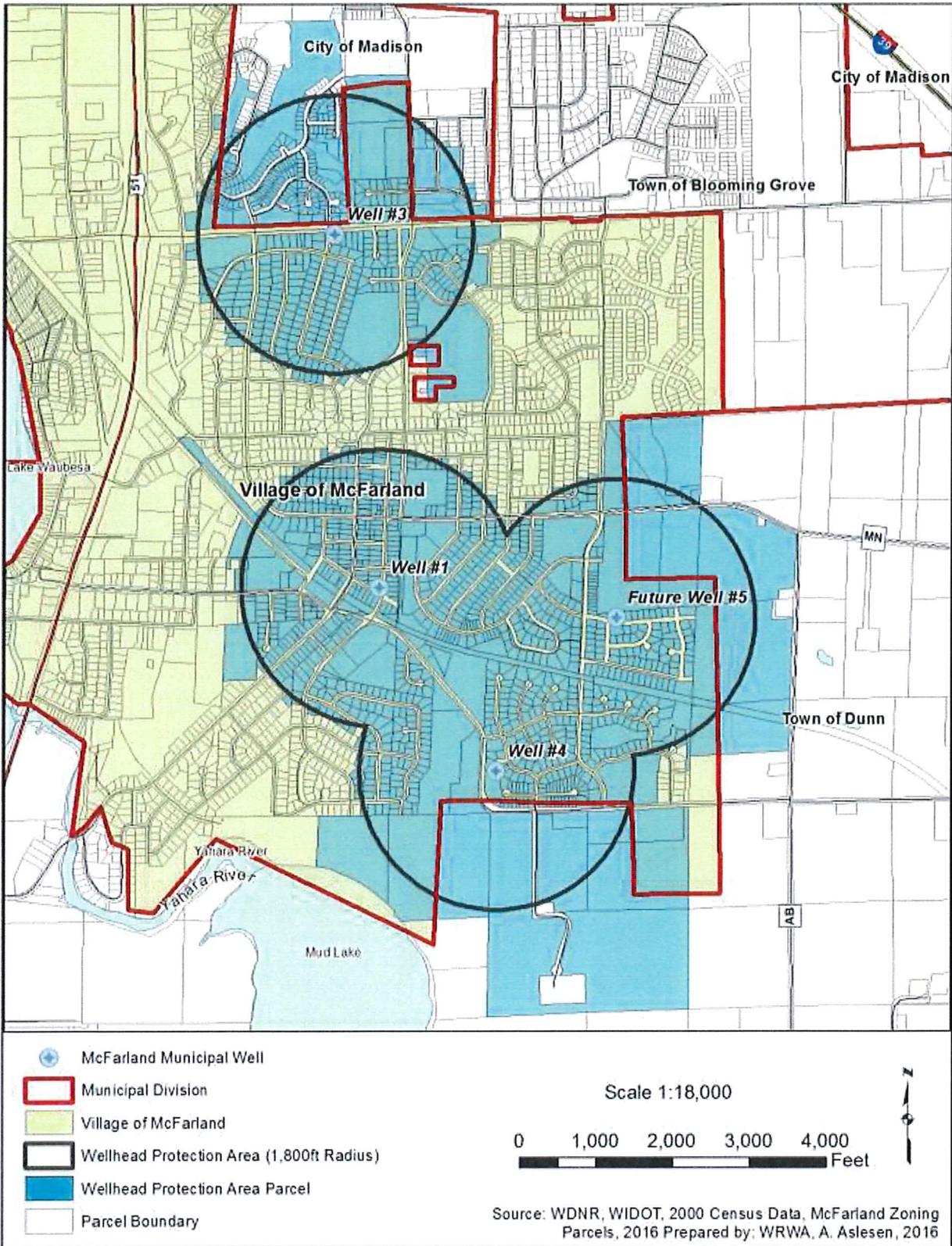
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Figure 9 – Wellhead Protection Areas



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Figure 10 – Wellhead Protection Area Parcels



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Village of McFarland Wellhead Protection Plan – October, 2016

**Appendix A – Potential Contaminant Source Inventory, Setbacks & List of Abbreviations**

Potential Contaminant Sources Within ½ Mile of Well #1

See Figure 5

	Code	Potential Contaminant Sources	Distance (ft)	Direction	Name/Owner	
1	GSL	Sewer Line	75	S	Village of McFarland	
2	CRT	Railroad Track	310	S	Wisconsin & Southern Railroad	
3	CCE	Cemetery	330	N/NE	McFarland Lutheran Cemetery Assn	
4	CRT	Railroad Track	340	S	Wisconsin & Southern Railroad	
5	WSW	Stormwater Retention Pond	500	SE	Village of McFarland	
6	GFB	Fuel Storage Tank-Underground	630	NW	Parkview School Bus Garage	
	<b>WLS</b>	<b>Leaking underground storage tank</b>	<b>Dist (ft)</b>	<b>Direction</b>	<b>BRRTS ID #</b>	<b>Status</b>
1		McFarland Oil	100	SE	03-13-000584	Closed
2		Larson Park	850	W	03-13-000811	Closed

Potential Contaminant Sources Within ½ Mile of Well #3

See Figure 6

	Code	Potential Contaminant Sources	Distance (ft)	Direction	Name/Owner	
1	GSL	Sewer Line	80	E	Village of McFarland	
2	GWA	Water Well-Active	450	E	5406 Siggelkow Rd.	
3	WSW	Storm Water Retention Pond	700	E	Village of McFarland	
4	IPP	Pipeline (petro./chem/)	920	NE	West Shore Pipeline Co	
5	WSW	Storm Water Retention Pond	1,400	NW	Village of McFarland	
6	GWA	Water Well-Active	2,200	NE	Multiple-Subdivision in Blooming Grove	
7	GSA	Septic System	2,200	NE	Multiple-Subdivision in Blooming Grove	
	<b>WRP</b>	<b>Spill remediation (ERRP) site</b>	<b>Dist (ft)</b>	<b>Direction</b>	<b>BRRTS ID #</b>	<b>Status</b>
1		Monona Tube & Welding	2,600	SW	02-13-000846	Closed

Potential Contaminant Sources Within ½ Mile of Well #4

See Figure 7

	Code	Potential Contaminant Sources	Distance (ft)	Direction	Name/Owner	
1	GSL	Sewer Line	75	NW	Village of McFarland	
2	WSW	Storm Water Retention Pond	400	S	Village of McFarland	
3	WSW	Storm Water Retention Pond	1,320	E	Village of McFarland	
4	CRT	Railroad Track	1,430	N	Wisconsin & Southern Railroad	
5	GWA	Water Well-Active	1,850	S/SE	2840 Hidden Farm Rd	
6	GSA	Septic System	1,850	S/SE	2840 Hidden Farm Rd	
	<b>WLS</b>	<b>Leaking underground storage tank</b>	<b>Dist (ft)</b>	<b>Direction</b>	<b>BRRTS ID #</b>	<b>Status</b>
1		McFarland Oil	100	SE	03-13-000584	Closed
2		Larson Park	850	W	03-13-000811	Closed

Village of McFarland Wellhead Protection Plan – October, 2016

Potential Contaminant Sources Within ½ Mile of Future Well #5

See Figure 8

	Code	Potential Contaminant Sources	Distance (ft)	Direction	Name/Owner
1	GSL	Sewer Line	75	S	Village of McFarland
2	AFP	Agricultural Farming	150	N,E	Multiple
3	WSW	Storm Water Retention Pond	1,380	S	Village of McFarland
4	IPP	Pipeline (petro./chem/)	1,400	NE	West Shore Pipeline Co
5	CCE	Cemetery	1,400	N	McFarland Lutheran Cemetery Assn
6	GWA	Water Well-Active	1,600	NE	3495 County Rd MN
7	GSA	Septic System	1,600	NE	3495 County Rd MN
8	GWA	Water Well-Active	1,750	NE	3510 County Rd MN
9	GSA	Septic System	1,750	NE	3510 County Rd MN
10	GWA	Water Well-Active	1,840	NE	3502 County Rd MN
11	GSA	Septic System	1,840	NE	3502 County Rd MN
12	GWA	Water Well-Active	2,000	NE	3486 County Rd MN
13	GSA	Septic System	2,000	NE	3486 County Rd MN
14	GWA	Water Well-Active	2,100	E	3029 County Rd AB
15	GSA	Septic System	2,100	E	3029 County Rd AB
16	CSS	Gas Service Station	2,190	E	3037 County Rd AB
17	GWA	Water Well-Active	2,190	E	3037 County Rd AB

Village of McFarland Wellhead Protection Plan – October, 2016

CONT CODE	CONTAMINANT SOURCE	DESCRIPTION	SPECIFIC CONTAMINANTS
AAH	Animal housing		Livestock sewage wastes, nitrates, phosphates, chloride, chemical sprays and dips for controlling insect, bacterial, viral, and fungal pests, coliform bacteria, viruses
AFA	Animal Feedlot		Livestock sewage wastes, nitrates, phosphates, chloride, chemical sprays and dips for controlling insect, bacterial, viral, and fungal pests, coliform bacteria, viruses
AFP	Agricultural farming	Active farming operations	Pesticides, fertilizers
AIA	Irrigation system	Agricultural irrigation	Pesticides, fertilizers
AMH	Agriculture milkhouse		Livestock sewage wastes, nitrates, phosphates, chloride, chemical sprays and dips for controlling insect, bacterial, viral, and fungal pests, coliform bacteria, viruses, acids
AMS	Manure storage	Lined and unlined manure storage facilities	Livestock sewage wastes, nitrates, phosphates, chloride, chemical sprays and dips for controlling insect, bacterial, viral, and fungal pests, coliform bacteria, viruses
BCT	Chemical storage	500 gallon or more	Specific to chemical product stored at site
BFS	Fertilizer storage/mixing	Feed mill, agricultural co-op	Nitrates
BFT	Petroleum storage	500 gallon or more	Specific to petroleum product stored at site
BGS	Grain storage site		Fungicides
BPS	Pesticide storage / mixing / load	Feed mill, agricultural co-op	Herbicides, insecticides, rodenticides, fungicides, avicides
BSS	Road salt storage	Bulk storage sites	Sodium chloride, calcium chloride, waste oil
CAI	Airport		Jet fuels, deicers, batteries, diesel fuel, chlorinated solvents, automobile wastes, heating oil, building wastes
CBS	Auto body shop		Paints, solvents
CBY	Boat yard		Diesel fuels, batteries, oils, septage from boat waste disposal areas, wood preservatives, paints, waxes, varnishes, automotive wastes
CCE	Cemetery		Leachate (formaldehyde), lawn and maintenance chemicals
CCW	Car wash	Car washes in unsewered areas	Soaps, detergents, waxes, miscellaneous chemicals
CDC	Dry cleaning		Solvents (tetrachloroethylene, petroleum solvents, freon), spotting chemicals (trichloroethane, ammonia, rust removers)
CLD	Laundromat	Laundromats in unsewered areas	Detergents, bleaches, fabric dyes
CMP	Plating facility	Jewelry and metal plating	Cyanide, heavy metals
CMW	Machine / metal working shop		Solvents, metals, organics, sludges, cutting oils, degreasers
CPIH	Photo processing	Only include processing facilities, don't include photo drop off sites	Cyanides, biosludges, silver sludges
CPR	Printing		Solvents, inks, dyes, oils, organics, chemicals
CPS	Paint shop		Paint, paint thinner, solvents
CRT	Railroad track		Spills
CRY	Rail yard		Spills
CSP	Seed production plant		Fumigants
CSS	Gas service station		Gasoline, oils, solvents, miscellaneous wastes
CSY	Scrap/junkyard		Oil, gasoline, antifreeze, PCB contaminated soils, lead acids batteries
CVR	Motor vehicle repair shop		Waste oils, solvents, acids, paints, automotive wastes,
GFA	Fuel storage tank - above ground	Non-service station tanks	Gasoline, diesel fuel, other petroleum products
GFB	Fuel storage tank - underground	Non-service station tanks	Gasoline, diesel fuel, other petroleum products
GSA	Sewage absorption area	Drainfields, mounds, dry wells	"
GSL	Sewer line (municipal)	Municipal sewer lines	Septage, coliform bacteria, viruses, nitrates
GSN	Sewer line (non-municipal)	Non-municipal sewer lines	"
GST	Sewage tank	Holding tanks, septic tanks, sumps	Septage, coliform bacteria, viruses, nitrates, heavy metals, synthetic detergents, cooking and motor oil, bleach, pesticides, paints, paint thinner, photographic chemicals, septic tank cleaner chemicals, chlorides, sulfate, calcium, magnesium, potassium, phosphate
GWA	Water well (active production)		Potential conduit
GW1	Water well (unused or improperly abandoned)		Potential conduit
IAS	Asphalt plant		Petroleum derivatives
ICM	Chemical production	Industrial chemical production facilities	Chemicals
IEE	Electrical and electronic products		Cyanides, metal sludges, caustics, solvents, oils, acids, alkalis,

Village of McFarland Wellhead Protection Plan – October, 2016

	manufacturing		paints, methylene chloride, tetrachloroethylene, trichloroethane, acetone, toluene, PCBs
IES	Electroplating / metal finishing facility		Acids, alkaline solutions, cyanide, metallic salts, solvents, cyanide, heavy metal contaminated wastewater
IFM	Furniture or wood manufacturing / refinishing / stripping		Paints, solvents (toluene, methylene chloride), degreasing sludges
IFW	Foundry / smelting plant		Cyanides, sulfides
IGS	Gravel and Sand pits		Spills, miscellaneous chemicals, bacteria
IMQ	Mining / Mine waste		Cyanide, sulfides, metals, acids drainage
IPC	Plastics manufacturer / molder		Solvents, oils, organics and inorganics, paint wastes, cyanides, acids, alkalis, sludges, esters, surfactants, glycols, phenols, formaldehyde, peroxides
IPM	Paper mill		Metals, acids, minerals, sulfides, chemicals, sludges, chlorine, hypochlorite, chlorine dioxide, hydrogen peroxide
IPP	Pipeline (petro /chem.)		Petroleum, chemicals
ISQ	Stone quarries		Spills, miscellaneous chemicals, potential conduit, bacteria
ITP	Textile / polyester manufacturer		Chemicals
IWT	Wood preserving facility		Treated wood residue, preservatives (pentachlorophenol, chromate, copper arsenate, ), tanner gas, paint sludges, solvents, creosote, coating wastes
MFT	Fire training facility		Chemicals
MGC	Golf course		Fertilizers, herbicides, pesticides for controlling mosquitoes, ticks, ants, gypsy moths, and other pests, automotive wastes
MGP	Manufactured gas plant / gasification plant		Petroleum VOCs, Benzo(a)pyrene, PAHs, cyanide
MLA	Laboratory (college, medical, school, private, etc.)		Biological wastes, disinfectants, acids, formaldehyde, miscellaneous chemicals
MMI	Military installation		
MMP	Medical Installation (e.g. Hospital)		X-ray developers and fixers, infectious wastes, radiological wastes, biological wastes, disinfectants, asbestos, beryllium, acids, formaldehyde, miscellaneous chemicals
MOT	Other (specify)		
WDR	Class V injection well	Any well, drilled or dug hole, used to inject fluids into the subsoil	Chlorides, pathogens, petroleum products, pesticides
WHS	Hazardous waste generator (SARA Title III) / RCRA authority clean-ups	Any facility listed on the SARA Title III list thought to pose a threat to the well / RCRA clean-ups	Hazardous waste
WIN	Incinerator (municipal)		Metals, combustion by-products
WLA	Landfill	Solid and hazardous waste sites listed in the DNR "Registry of Waste Disposal Sites in Wisconsin"	Leachate
WLS	Leaking underground storage tank (LUST)	LUST Sites included in the DNR "Leaking Underground Storage Tank List"	Gasoline, diesel fuel, other petroleum products
WRF	Recycling facility		Petroleum products, chemicals
WRP	ERRP Site	Sites on the DNR "Emergency and Remedial Response" list	Spills
WSI	Wastewater Spray Irrigation		Coliform bacteria, nitrate, chloride, pathogens, viruses
WSS	Sludge spreading	Municipal wastewater sludge, paper mill sludge	Viruses, coliform bacteria, heavy metals, dioxins
WSW	Storm water retention pond		Metals, petroleum products
WTS	Solid waste transfer station		Miscellaneous chemicals
WUC	Superfund site	Sites listed in the DNR "Superfund Sites in Wisconsin"	Miscellaneous contaminants
WWL	Wastewater lagoon	Treatment and/or storage lagoons	Coliform bacteria, viruses
WWO	Wastewater discharge to surface water	Surface water outfall	Coliform bacteria, viruses
WWP	Wastewater treatment plant		
WWS	Wastewater discharge to groundwater	Absorption and seepage cells, spray irrigation, subsurface systems, etc.	Coliform bacteria, viruses

## Village of McFarland Wellhead Protection Plan – October, 2016

### NR 811.12(5) Required Setback Distances From Community Water Supply Wells and Potential Sources of Contamination

Potential Contaminant Source	Minimum Setback Distance (ft)
Emergency Power System Operated by The Same Facility Operating Well And Has a Double Wall Above Ground Storage Tank With Continuous Electronic Interstitial Leak Monitoring	10
Storm Sewer Main or Sanitary Sewer Main Constructed of Water Main Class Material	50
Sanitary Sewer Main Not Constructed of Water Main Class Materials	200
Lift Station	
One or Two Family Residential Fuel Oil UST <sup>1</sup> or AST <sup>2</sup>	
POWTS Treatment Tank or Holding Tank	
Any farm UST <sup>1</sup> system or other UST <sup>1</sup> system with double wall and with electronic interstitial monitoring for the system, any farm AST <sup>2</sup> with double wall, or single wall tank with other secondary containment and under a canopy; other AST <sup>2</sup> system with double wall, or single wall tank with secondary containment and under a canopy and with electronic interstitial monitoring for a double wall tank or electronic leakage monitoring for a single wall tank secondary containment structure*	300 <sup>3</sup>
Septic Tank (<12,000 gpd)	400
Cemetery	
Storm Water Retention or Detention Pond	
Farm UST <sup>1</sup> system or other UST <sup>1</sup> system with double wall and with electronic interstitial monitoring for the system, any farm AST <sup>2</sup> with double wall, or single wall tank with other secondary containment and under a canopy or other AST <sup>2</sup> system with double wall, or single wall tank with secondary containment and under a canopy; and with electronic interstitial monitoring for a double wall tank or electronic leakage monitoring for a single wall tank secondary containment structure*	600 <sup>4</sup>
Land Application of Municipal, Commercial, or Industrial Waste	1,000
The Boundary of a Land Spreading Facility for Spreading of Petroleum-Contaminated Sol Regulated Under ch. NR 718 While Facility is in Operation	
Industrial, Commercial, or Municipal Wastewater Treatment Plant Treatment Units, Lagoons, or Storage Structures	
Manure Stacks or Storage Structures	
Septic Tank (>12,000 gpd)	
Solid Waste Storage, Transportation, Transfer, Incineration, Air Curtain Destructor, Processing, Wood Burning, One Time Disposal or Small Demolition Facility	1,200
Sanitary Landfill	
Any Property With Residual Groundwater Contamination That Exceeds CH. NR140 Enforcement	
Coal Storage Area	
Salt or Deicing Material Storage Area	
Single Wall Farm UST or Single Wall Farm AST or Other Single Wall UST or AST That Has or Has Not Received Written Approval From The Department of Commerce or Its Designated Local Program Operator*	
Bulk Fuel Storage Facilities	
Bulk Pesticide or Fertilizer Handling or Storage Facilities	

Footnotes On Page 2

## Village of McFarland Wellhead Protection Plan – October, 2016

\* These requirements apply to tanks containing gasoline, diesel, bio-diesel, ethanol, or other alternative fuel, fuel oil, petroleum product, motor fuel, burner fuel, lubricant, waste oil, or hazardous substance

<sup>1</sup> UST-Underground Storage Tank

<sup>2</sup> AST-Above Ground Storage Tank

<sup>3</sup> These installations shall meet the most restrictive installation requirements of s. Comm 10.260 and receive written approval from the department of commerce or its designated Local Program Operator under s. Comm 10.110

<sup>4</sup> For USTs s. Comm 10.260 states the 600ft setback distance may be reduced by 50% if all of the following features are provided and maintained in addition to the features in the tank-type column: tank system construction of corrosion-resistant material, such as fiber-reinforced plastic, or steel with a fiber-reinforced plastic wrap or jacket; non-discriminating sump sensors; testable secondary containment spill bucket; continuous electronic liquid-filled, pressure, or vacuum interstitial monitoring with automatic system shut-down; audible and visual high-level alarm at 90% full, and automatic shut-off at 95%; all fueling area protected by canopy; and downspouts for drainage of rainwater do not discharge into a fueling area.

<sup>5</sup> For ASTs s. Comm 10.260 states the 600ft setback distance may be reduced by 50% if all of the following features are provided and maintained in addition to the features in the tank-type column: either continuous non-discriminating electronic interstitial monitoring for double wall, or continuous non-discriminating electronic sensor for other secondary containment; audible and visual high-level alarm at 90% full, and either automatic shut-off at 95% or no latch-open device is used with any manual-shutoff nozzle; all dispensing by suction pump fuel transfer; all motor vehicle fueling limited to private or fleet use; all fueling area protected by canopy; and downspouts for drainage of rainwater do not discharge into a fueling area.

<sup>6</sup> These installations shall meet the standard double wall tank or single wall tank secondary containment installation requirements of s. Comm 10.260 and receive written approval from the department of commerce or its designated Local Program Operator under s. Comm 10.110

Village of McFarland Wellhead Protection Plan – October, 2016

Appendix B – Lithologic Logs and Well Construction Details

<b>WISCONSIN UNIQUE WELL NUMBER</b> <b>Source: SWAP PROJECT KEYED</b>		<b>BF498</b>		State of WI-Private Water Systems-DG 2 Department Of Natural Resources, Box 7921 Madison, WI 53707		Form 3300-77A (Rev 02/02)bw	
Property Owner: <b>MC FARLAND, VILLAGE OF</b>		Telephone Number: <b>808-838-3154</b>		<b>1. Well Location</b>		Depth <b>560</b> FT	
Mailing Address: <b>5915 MILWAUKEE ST</b>				T= Town C=City V=Village <b>V of MCFARLAND</b>		Fire#	
City: <b>MC FARLAND</b>		State: <b>WI</b>		Zip Code: <b>53558</b>		Street Address or Road Name and Number <b>5412 LONG ST #1</b>	
Country of Well Location: <b>13 DANE</b>		SC		Co Well Permit No: <b>W</b>		Well Completion Date: <b>January 1, 1940</b>	
Well Constructor: <b>MILAAGER WELL @ PUMP CO INC</b>				License #: <b>82</b>		Facility ID (Public): <b>113024120</b>	
Address: <b>20950 ENTERPRISE AVE</b>				Public Well Plan Approval#			
City: <b>BROOKFIELD</b>		State: <b>WI</b>		Zip Code: <b>53045</b>		Date Of Approval: <b>08/28/1940</b>	
Incap Permanent Well #: <b>77118</b>		Common Well #: <b>001</b>		Specific Capacity: <b>35.9</b> gpm/ft			
<b>3 Well Serves</b> # of homes and/or <b>M</b> (eg. barn, restaurant, church, school, industry, etc.)				High Capacity Well?			
M=Main C=OTM N=NonCom P=Private E=Other X=Not For A=Artesic L=Loop H=Drilled				Property?			
<b>4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?</b> Well located in floodplain? _____ Distance in feet from well to nearest: (including proposed)							
1. Landfill		2. Building Overhang		3. 1=Septic 2= Holding Tank		4. Sewage Absorption Unit	
5. Nonconforming Pit		6. Buried Home Heating Oil Tank		7. Buried Petroleum Tank		8. 1=Shoreline 2= Swimming Pool	
9. Downspout: Yard Hydrant		10. Privy		11. Foundation Drain to Clearwater		12. Foundation Drain to Sewer	
13. Building Drain		14. Building Sewer		15. Collector Sewer: ___ units ___ in. diam		16. Clearwater Sump	
17. Wastewater Sump		18. Paved Animal Barn Pen		19. Animal Yard or Shelter		20. Silo	
21. Barn Outlet		22. Manure Pipe		23. Other manure Storage		24. Ditch	
25. Other NR 812 Waste Source		1=New 2=Replacement 3=Reconstruction of previous unique well # _____ constructed in <b>0</b>					
Reason for replaced or reconstructed Well?							
1=Drilled 2=Driven Point 3=Jetted 4=Other							
<b>5. Drillhole Dimensions and Construction Method</b>							
From To Dia. (in.) (ft.) (ft.)		Upper Enlarged Drillhole		Lower Open Bedrock		Geology Codes	
16.0 surface 167		-1. Rotary - Mud Circulation		-2. Rotary - Air		DRIFT 0 145	
10.0 167 560		-3. Rotary - Air and Foam		-4. Drill-Through Casing Hammer		NL SANDSTONE-FRANCONIAN 145 195	
		-5. Reverse Rotary		-6. Cable-toed Bit ___ in. dia		LN SANDSTONE-DRESBACH 195 280	
		-7. Temp. Outer Casing ___ in. dia ___ depth ft. Removed?		Other		HMS SILTSTONE-EAU CLAIRE 280 295	
						LN SANDSTONE EAU CLAIRE 295 305	
						U_HL SHALE-EAU CLAIRE 305 320	
						LN SANDSTONE-EAU CLAIRE 320 485	
						LN SANDSTONE-MT SIMON 485 560	
<b>6. Casing Liner Screen</b>							
Dia. (in.)		Material, Weight, Specification Manufacturer & Method of Assembly		From To (ft.) (ft.)		9. Static Water Level	
16.0				surface 145		20.0 feet B ground surface A=Above B=Below	
10.0				0 167		11. Well Is: 0 in. Grade A=Above B=Below	
Dia. (in.)		Screen type, material & slot size		From To		10. Pump Test	
						Pumping level <b>31.0</b> ft. below surface Pumping at <b>395.0</b> GPM <b>0.0</b> f/s	
<b>7. Grout or Other Sealing Material</b>							
Method		From To (ft.) (ft.)		# Sacks Cement		12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? If no, explain	
Kind of Sealing Material						13. Initials of Well Constructor or Supervisory Driller Date Signed	
CEMENT		surface 167.0				Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed	
Additional Comments? BF Variance Issued?							
Owner Sent Label? Y More Geology?							

Batch 551

Village of McFarland Wellhead Protection Plan – October, 2016

<b>WISCONSIN UNIQUE WELL NUMBER</b> <b>Source: WELL CONSTRUCTION</b>				<b>HJ137</b>		State of WI-Private Water Systems-DG 2 Department Of Natural Resources, Box 7921 Madison, WI 53707		Form 3300-77A (Rev 02/02/jw)	
Property Owner <b>VILLAGE OF MCFARLAND</b>		Telephone Number <b>608-838-3153</b>		Depth <b>700</b> FT					
Mailing Address <b>5915 MILWAUKEE ST</b>				City <b>MC FARLAND</b>		State <b>WI</b>		Zip Code <b>53558</b>	
County of Well Location <b>13 DANE</b>		Co Well Permit No <b>SC W</b>		Well Completion Date <b>January 31, 1996</b>		Street Address or Road Name and Number			
Well Constructor <b>MUNICIPAL WELL @ PUMP INC</b>		License # <b>13</b>		Facility ID (Public) <b>113024120</b>		Subdivision Name <b>WELL 3</b>		Lot # Block #	
Address <b>20950 ENTERPRISE AVE</b>				Public Well Plan Approval # <b>950846</b>		Gov't Lot or <b>NE</b> 1/4 of <b>SE</b> 1/4 of Section <b>34 T 7 N R 10 E</b>			
City <b>BROOKFIELD</b>		State <b>WI</b>		Zip Code <b>53045</b>		Date Of Approval <b>07/27/1995</b>		2. Well Type <b>3</b> (See item 12 below) 1-New 2-Replacement 3-Reconstruction	
Deep Permanent Well # <b>77120</b>		Common Well # <b>003</b>		Specific Capacity <b>7.1</b> gpm/ft		of previous unique well # _____ constructed in <b>74</b>			
3. Well Serves # of homes and/or <b>MUNICIPAL</b> <b>M</b> (eg: barn, restaurant, church, school, industry, etc.)				High Capacity Well? <b>Y</b>		Reason for replaced or reconstructed Well? <b>original construction 11/1/1974</b>			
M-Main O-Other N-Navigational P-Private R-Other X-Sonnet A-Absorb L-Loop H-Drillhole Property? <b>Y</b>				1 <b>1</b> 1-Drilled 2-Driven Point 3-Jetted 4-Other					
4. Is the well located upslope or side-slope and not downslope from any contamination sources, including those on neighboring properties? <b>Y</b> Well located in floodplain? <b>N</b> Distance in feet from well to nearest: (including proposed)									
1 Landfill		2 Building Overhang		3 1-Septic 2- Holding Tank		4 Sewage Absorption Unit		5 Nonconforming Pit	
6 Buried Home Heating Oil Tank		7 Buried Petroleum Tank		8 1-Shoreline 2- Swimming Pool		9 Downspout- Yard Hydrant		10 Privy	
11 Foundation Drain to Clearwater		12 Foundation Drain to Sewer		13 Building Drain		14 Building Sewer		15 Collector Sewer	
16 Clearwater Sump		17 Wastewater Sump		18 Paved Animal Barn Pen		19 Animal Yard or Shelter		20 Silo	
21 Barn Gutter		22 Manure Pipe		23 Other manure Storage		24 Ditch		25 Other NR 812 Waste Source	
5. Drillhole Dimensions and Construction Method									
From (ft)		To (ft)		Upper Enlarged Drillhole		Lower Open Bedrock		Geology Codes	
24.0		surface		62				T_M_ SILT	
23.0		62		116				_S_ SAND	
17.0		116		700				_GL_ GRAVEL	
								Y_NL SANDSTONE-JORDAN	
								_LM_ DOLOMITE-BLACK EARTH	
								_N_ SANDSTONE-TUN CITY	
								Y_N_ SANDSTONE-WONEWOC	
6. Casing Liner Screen Material, Weight, Specification From To Manufacturer & Method of Assembly (ft) (ft)									
14.0		ASTM A53 GR B WELL CASING PE BEVELED FOR WLDG0 375 IN WALL		surface		260			
Dia (in)		Screen type, material & slot size		From		To			
		EX 24 IN CASING				62			
9. Static Water Level 49.0 feet B ground surface A=Above B=Below									
10. Pump Test Pumping level 218.0 ft. below surface Pumping at 1200.0 GPM 6.0 hrs									
11. Well Is: 13 in A Grade Developed? Y Disinfected? Y Capped? Y									
12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? If no, explain NOT APPL									
13. Initials of Well Constructor or Supervisory Driller Date Signed TG 2/12/96 Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed MV 2/12/96									
Additional Comments? HJ Variance Issued? Owner Sent Label? Y More Geology?									

Batch 394

Village of McFarland Wellhead Protection Plan – October, 2016

<b>WISCONSIN UNIQUE WELL NUMBER</b>				<b>AC718</b>		State of WI-Private Water Systems-DG-2		Form 3300-77A	
<b>Source: WELL CONSTRUCTION</b>				Telephone Number <b>608-838-3153</b>		Department Of Natural Resources, Box 7921		(Rev 02/02)jhw	
Property Owner <b>VILLAGE OF MCFARLAND</b>				Mailing Address		Depth <b>800</b> FT			
City <b>MCFARLAND</b> State <b>WI</b> Zip Code <b>53558</b>				County of Well Location <b>SC</b> Co Well Permit No <b>W</b> Well Completion Date <b>July 28 1989</b>		1. Well Location		T=Town C=City V=Village	
						V of <b>MCFARLAND</b>		Fur#	
						Street Address or Road Name and Number		<b>CREAMERY RD</b>	
						Subdivision Name		Lot#	
						Block #			
Well Constructor <b>LAYNE WESTERN COMPANY INC</b> License # <b>582</b> Facility ID (Public) <b>113024120</b>				Address <b>W229 N5005 DUPLAINVI</b> Public Well Plan Approval # <b>881354</b>		Gov't Lot		of <b>SW</b> 1/4 of <b>SW</b> 1/4 of	
City <b>PEWAUKEE</b> State <b>WI</b> Zip Code <b>53072</b> Date Of Approval <b>11/25/1988</b>				Hoop Permanent Well # <b>597</b> Common Well # <b>004</b> Specific Capacity <b>52.6</b> gpm/ft		Section <b>2</b> T <b>6</b> N R <b>10</b> E			
3. Well Serves # of homes and/or <b>M</b> (eg: barn, restaurant, church, school, industry, etc.)				High Capacity: Well? <b>Y</b> Property? <b>Y</b>		2. Well Type <b>1</b> (See item 12 below)		1=New 2=Replacement 3=Reconstruction	
M=Main C=OTM N=NotCust P=Private E=Other X=NotPA A=Aside L=Loop H=Drillhole						of previous unique well # _____ constructed in <b>0</b>		Reason for replaced or reconstructed Well?	
						<b>1</b> 1=Drilled 2=Driven Point 3=Jetted 4=Other			
4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?									
Well located in floodplain? _____									
Distance in feet from well to nearest: (including proposed)									
1. Landfill			9. Downspout/ Yard Hydrant			17. Wastewater Sump			
2. Building Overhang			10. Privy			18. Paved Animal Barn Pen			
3. 1=Septic 2= Holding Tank			11. Foundation Drain to Clearwater			19. Animal Yard or Shelter			
4. Sewage Absorption Unit			12. Foundation Drain to Sewer			20. Silo			
5. Nonconforming Pit			13. Building Drain			21. Barn Gutter			
6. Buried Home Heating Oil Tank			1=Cast Iron or Plastic 2=Other			22. Manure Pipe 1=Gravity 2=Pressure			
7. Buried Petroleum Tank			14. Building Sewer 1=Gravity 2=Pressure			1=Cast Iron or Plastic 2=Other			
8. 1=Shoreline 2= Swimming Pool			15. Collector Sewer: ___ units ___ in. diam.			23. Other manure Storage			
			16. Clearwater Sump			24. Ditch			
						25. Other NR 812 Waste Source			
5. Drillhole Dimensions and Construction Method									
From To		Upper Enlarged Drillhole		Lower Open Bedrock		Geology		From To	
Dia. (in.) (ft.)		X -- 1. Rotary - Mud Circulation _____				Codes Type, Caving/Noncaving, Color, Hardness, etc		(ft.) (ft.)	
24.0 surface 131		-- 2. Rotary - Air _____				_I_ TOPSOIL		0 3	
18.0 131 800		-- 3. Rotary - Air and Foam _____				_CS_ SANDY CLAY		3 10	
		-- 4. Drill-Through Casing Hammer				_GG_ GRAVEL @ STONES BOULDERS		10 55	
		-- 5. Reverse Rotary				Y_L_ LIMESTONE YELLOW @ GRAY		55 89	
		-- 6. Cable-tool Bit ___ n. dia _____				_HL_ SHALE @ LIMESTONE		89 145	
		-- 7. Temp. Outer Casing ___ in dia ___ depth ft.				R_LN_ RED LIME @ SANDSTONE		145 185	
		Removed? _____				_NH_ SANDSTONE, OCCASIONAL SHALE		185 300	
		Other _____				_N_ SANDSTONE		300 727	
						_HN_ SANDSTONE HARD		727 800	
6. Casing Liner Screen Material, Weight, Specification From To									
Dia. (in.)		Manufacture & Method of Assembly		(ft.) (ft.)					
20.0		BL. NEW STEEL P.E. WELDED 76.60 LB. A-53 GR. B.		surface 130					
9. Static Water Level									
Dia. (in.)		Screen type, material & slot size		From To		16.0 feet B ground surface		11. Well Is: 72 in. A Grade	
						A=Above B=Below		A=Above B=Below	
10. Pump Test									
						Pumping level <b>35.0</b> ft. below surface		Disinfected? <b>Y</b>	
						Pumping at <b>1000.0</b> GPM <b>8.0</b> hrs		Capped? <b>Y</b>	
7. Grout or Other Sealing Material									
Method <b>PRESSURE</b>		Kind of Sealing Material		From To		# Sacks Cement		12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?	
		<b>NEAT CEMENT</b>		surface 130.0		208		If no, explain	
13. Initials of Well Constructor or Supervisory Driller									
						JLN		Date Signed 7/27/89	
13. Initials of Drill Rig Operator (Mandatory unless same as above)									
						JJ		Date Signed 7/28/89	
Additional Comments? <b>AC</b> Variance Issued? _____				Owner Sent Label? <b>Y</b> More Geology? _____				<b>Batch 133</b>	

**Appendix C – Draft Wellhead Protection Ordinance**

**VILLAGE OF MCFARLAND NO. \_\_\_\_\_**

AN ORDINANCE CREATING CHAPTER 62 ARTICLE V. - *GROUNDWATER PROTECTION OVERLAY DISTRICT*, OF THE CODE OF ORDINANCES OF THE VILLAGE OF MCFARLAND.

THE BOARD OF TRUSTEES OF THE VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN DO ORDAIN AS FOLLOWS:

**Sec. 62-710. Statutory Authority.**

Statutory authority of the Village to enact these regulations was established by the Wisconsin Legislature in §61.35, Wis. Stats., which provides the statutory authorization for municipal planning and zoning to protect the public health, safety and welfare.

**Sec. 62-711. Findings of fact and purpose.**

The residents of the Village of McFarland depend exclusively on groundwater for a safe drinking water supply. Certain land use practices and activities can seriously threaten or degrade groundwater quality. The purpose of this Ordinance is to establish a groundwater protection overlay district to institute land use regulations and restrictions within a defined area which contributes water directly to the municipal water supply providing protection for the aquifer and municipal water supply of the Village of McFarland and promoting the public health, safety and general welfare of Village residents.

**Sec. 62-712. Title of Article.**

This Article shall be known as the Groundwater Protection Ordinance for the Village of McFarland, Wisconsin.

**Sec. 62-713. Definitions.**

The following words, terms and phrases, when used in this Article shall have the meanings ascribed to them in this Section, except where the context clearly indicates a different meaning., The word “may” is permissive, “shall” is mandatory and not discretionary.

- (1) Aquifer. “Aquifer” means a saturated, permeable, geologic formation that contains, and will yield, significant quantities of water.
- (2) Existing facilities. “Existing facilities” means current facilities, practices and activities which may cause or threaten to cause environmental pollution within that portion of the Village’s wellhead protection area that lies within the corporate limits of the Village. Existing facilities include but are not limited to the type listed in the Department of Natural Resources’ form 3300-215, Public Water Supply Potential Contaminant Use Inventory Form which is incorporated herein as if fully set forth.
- (3) Recharge Area. “Recharge area” means the land area which contributes water to a well by infiltration of water into the subsurface and movement with groundwater toward the well. This area may extend beyond the corporate limits of the Village of McFarland.
- (4) Hazardous Chemicals. “Hazardous Chemicals” means Chemicals and chemical mixtures that is required to have an MSDS and meets the definition of hazardous chemical under the OSHA regulations found at 29 CFR 1910.1200(c). Substances packaged for consumption for humans or animals are not considered Hazardous Chemicals. Hazardous Chemicals include:
  - (a) Chemicals for which there is scientific evidence that acute or chronic health effects may result from exposure including carcinogens, toxic and highly toxic agents, irritants, corrosives, sensitizers, hepatotoxins, agents that act on the hematopoietic system, reproductive toxins, and

## Village of McFarland Wellhead Protection Plan – October, 2016

agents which damage the lungs, skin, eyes, or mucous membranes as defined in 29 CFR 1910.1200, Appendix A, "Health Hazard Definitions (Mandatory)."

- (b) Mixtures of chemicals which have been tested as a whole and have been determined to be a health hazard.
  - (c) Mixtures of chemicals which have not been tested as a whole but which contain any chemical which has been determined to be a health hazard and comprises one (1.0) percent or greater of the composition on a weight-per-unit weight basis.
  - (d) Mixtures of chemicals which include a carcinogen if the concentration of the carcinogen in the mixture is one-tenth of one (0.1) percent or greater of the composition on a weight-per-unit weight basis.
  - (e) Ingredients of mixtures prepared within the Groundwater Protection Overlay District in cases where such ingredients are health hazards but comprise more than one-tenth of one (0.1) percent of the mixture on a weight-per-unit weight basis if carcinogenic, or more than one (1.0) percent of the mixture on a weight-per-unit weight basis if no carcinogenic.
  - (f) Petroleum and non-solid petroleum derivatives (except non-PCB dielectric fluids used in equipment or for transmission of electric power to homes and businesses).
- (5) Well Field. "Well field" means a piece of land used primarily for the purpose of supplying a location for construction of wells to supply a municipal water system.
- (6) Wellhead Protection Area. "Wellhead Protection Area" means that area of land which contributes water to a municipal well based on accepted hydrogeological research, outlined and described as a "Wellhead Protection Area" by the Village's most recent and up to date wellhead protection plan, approved by the WI Department of Natural Resources.

### **Sec. 62-714. Areas to be regulated.**

This Article regulates the area within the Wellhead Protection Area. Any parcel that is fully or partially within a Wellhead Protection Area is considered fully part of the Groundwater Protection Overlay District set forth in this ordinance. The boundaries of the Groundwater Protection Overlay Districts shall be shown on the Village of McFarland zoning map

### **Sec. 62-715. Zoning Administrator.**

The Zoning Administrator shall have the following duties and powers:

- (a) Advise applications as to the provisions of this Chapter and assist them in preparing permit applications and appeal forms.
- (b) Issue permits and certificates of compliance and inspect properties for compliance with this Chapter.
- (c) Keep records of all permits issued, inspections made, work approved and other official actions.
- (d) Have access to any structure or premises between the hours of 8:00 a.m. and 6:00 p.m. for the purpose of performing these duties.
- (e) Submit copies of decisions on variances, conditional use permits, appeals for a map or text interpretation and map or text amendments within ten days after they are granted or denied to the appropriate district office of the Wisconsin Department of Natural Resources.
- (g) Investigate and report violations of this Chapter to the appropriate Village planning agency and the District Attorney, corporation counsel or Village Attorney.
- (h) Provide written notice to the appropriate district office of the Department at least ten days prior to any hearing on appeals, conditional use permits, or other issues involving shoreland-wetland zoning.

### **Sec. 62-715. Permitted Uses.**

The following uses are permitted in the Groundwater Protection Overlay District subject to the separations distances in Sec. 62-718:

- (a) Parks, provided there is no on-site waste disposal or fuel storage tank facilities associated with this use.

## Village of McFarland Wellhead Protection Plan – October, 2016

- (b) Playgrounds.
- (c) Wildlife areas.
- (d) Non-motorized trails, such as bike, skiing, nature and fitness trails.
- (e) Residential, commercial and industrial establishments that are municipally sewered and whose use, *Aggregate of Hazardous Chemicals* in use, storage, handling and/or production may not exceed 20 gallons or 160 pounds at any time (except for those listed in Section 3(1)(B) & 3(1)(C).
- (f) Routine tillage, planting, and field management operations in support of agricultural crop production, where nutrients from legume, manure, and commercial sources are accounted for and credited toward crop nutrient need. The combination of all nutrient sources applied or available on individual fields may not exceed University of Wisconsin soil test recommendations for that field.

### **Sec. 62-716. Conditional Uses.**

Conditional Uses. The following uses may be conditionally permitted in the Groundwater Protection Overlay District subject to the separations distances in Sec. 62-718:

- (a) Motor vehicle services, including filling and service stations, repair, renovation and body work.
- (b) Residential, commercial and industrial establishments that are municipally sewered and whose use, *Aggregate of Hazardous Chemicals* in use, storage, handling and/or production exceeds 20 gallons or 160 pounds at any time.
- (c) Geothermal wells, also known as ground source heat pump along with any associated piping and/or ground loop component installations.

### **Sec. 62-717. Prohibited Uses.**

The following uses are prohibited in the Groundwater Protection Overlay District.

- (a) Hydrocarbon, petroleum or hazardous chemical storage tanks. (Hazardous chemicals are identified by OSHA under 29 CFR 1910.1200(c) and by OSHA under 40 CFR Part 370.)
- (b) Cemeteries.
- (c) Chemical manufacturers (Standard Industrial Classification Major Group 28).
- (d) Coal storage.
- (e) Dry cleaners.
- (f) Electroplating facilities
- (g) Foundries and forge plants
- (h) Industrial liquid waste storage lagoons and pits.
- (i) Landfills and any other solid waste facility, except post-consumer recycling.
- (j) Manure and animal waste storage.
- (k) Mining of any kind, including metallic, sand and aggregate pits.
- (l) Pesticide and fertilizer dealer, manufacturing, transfer or storage facilities.
- (m) Private on-site wastewater treatment systems or holding tanks receiving 12,000 gallons per day or more
- (n) Railroad yards and maintenance stations.
- (o) Rendering plants and slaughterhouses.
- (p) Salt or deicing material bulk storage.
- (q) Salvage or junk yards.
- (r) Septage or sludge spreading, storage or treatment.
- (s) Septage, wastewater, or sewage lagoons.
- (t) Stockyards and feedlots.
- (u) Stormwater infiltration basins without pre-treatment, including vegetative filtration and/or temporary detention.
- (v) Wood preserving operations.
- (w) Any other use determined by the Village Board to be similar in nature to the above listed uses.

### **Sec. 62-718. Separation Distances.**

The following minimum separation distances as specified in s. NR 811.12(5), Wis. Adm. Code, shall be

## Village of McFarland Wellhead Protection Plan – October, 2016

maintained in the Groundwater Protection Overlay District.

- (a) Ten feet between a well and an emergency or standby power system that is operated by the same facility which operates the well and that has a double wall above ground storage tank with continuous electronic interstitial leakage monitoring. These facilities shall meet the installation requirements of s. [ATCP 93.260](#) and receive written approval from the department of safety and professional services or its designated Local Program Operator under s. [ATCP 93.110](#).
- (b) Fifty feet between a well and a storm sewer main or a sanitary sewer main where the sanitary sewer main is constructed of water main class materials and joints. Gravity sanitary sewers shall be successfully air pressure tested in place. The air pressure test shall meet or exceed the requirements of the 4 psi low pressure air test for plastic gravity sewer lines found in the latest edition of Standard Specifications for Sewer & Water Construction in Wisconsin. Force mains shall be successfully pressure tested with water to meet the AWWA C600 pressure and leakage testing requirements for one hour at 125% of the pump shut-off head.
- (c) Two hundred feet between a well field and any sanitary sewer main not constructed of water main class materials, sanitary sewer manhole, lift station, one or two family residential heating fuel oil underground storage tank or above ground storage tank or private onsite wastewater treatment system (POWTS) treatment tank or holding tank component and associated piping.
- (d) Three hundred feet between a well field and any farm underground storage tank system or other underground storage tank system with double wall and with electronic interstitial monitoring for the system, which means the tank and any piping connected to it. These installations shall meet the most restrictive installation requirements of s. ATCP 93.260 and receive written approval from the department of safety and professional services or its designated Local Program Operator under s. ATCP 93.110, Wis. Admin. Code. These requirements apply to tanks containing gasoline, diesel, bio-diesel, ethanol, other alternative fuel, fuel oil, petroleum product, motor fuel, burner fuel, lubricant, waste oil, or hazardous substances.
- (e) Three hundred feet between a well field and any farm above ground storage tank with double wall, or single wall tank with other secondary containment and under a canopy; other above ground storage tank system with double wall, or single wall tank with secondary containment and under a canopy and with electronic interstitial monitoring for a double wall tank or electronic leakage monitoring for a single wall tank secondary containment structure. These installations shall meet the most restrictive installation requirements of s. ATCP 93.260, Wis. Admin. Code, and receive written approval from the department of commerce or its designated Local Program Operator under s. ATCP 93.110, Wis. Admin. Code. These requirements apply to tanks containing gasoline, diesel, bio-diesel, ethanol, other alternative fuel, fuel oil, petroleum product, motor fuel, burner fuel, lubricant, waste oil, or hazardous substances.
- (f) Four hundred feet between a well field and a POWTS dispersal component with a design capacity of less than 12,000 gallons per day, a cemetery or a storm water retention or detention pond.
- (g) Six hundred feet between a well field and any farm underground storage tank system or other underground storage tank system with double wall and with electronic interstitial monitoring for the system, which means the tank and any piping connected to it; any farm above ground storage tank with double wall, or single wall tank with other secondary containment and under a canopy or other above ground storage tank system with double wall, or single wall tank with secondary containment and under a canopy; and with electronic interstitial monitoring for a double wall tank or electronic leakage monitoring for a single wall tank secondary containment structure. These installations shall meet the standard double wall tank or single wall tank secondary containment installation requirements of s. ATCP 93.260 and receive written approval from the department of safety and professional services or its designated Local Program Operator under s. ATCP 93.110. These requirements apply to tanks containing gasoline, diesel, bio-diesel, ethanol, other alternative fuel, fuel oil, petroleum product, motor fuel, burner fuel, lubricant, waste oil, or hazardous substances.

## Village of McFarland Wellhead Protection Plan – October, 2016

- (h) One thousand feet between a well field and land application of municipal, commercial, or industrial waste; the boundaries of a land spreading facility for spreading of petroleum-contaminated soil regulated under state administrative regulations while that facility is in operation; agricultural, industrial, commercial or municipal waste water treatment plant treatment units, lagoons, or storage structures; manure stacks or storage structures; or POWTS dispersal component with a design capacity of 12,000 gallons per day or more.
- (i) Twelve hundred feet between a well field and any solid waste storage, transportation, transfer, incineration, air curtain destructor, processing, wood burning, one time disposal or small demolition facility; sanitary landfill; any property with residual groundwater contamination that exceeds ch. [NR 140](#) enforcement standards; coal storage area; salt or deicing material storage area; any single wall farm underground storage tank or single wall farm above ground storage tank or other single wall underground storage tank or above ground storage tank that has or has not received written approval from the department of safety and professional services or its designated Local Program Operator under s. ATCP 93.110, Wis. Admin. Code, for a single wall tank installation. These requirements apply to tanks containing gasoline, diesel, bio-diesel, ethanol, other alternative fuel, fuel oil, petroleum product, motor fuel, burner fuel, lubricant, waste oil, or hazardous substances; and bulk pesticide or fertilizer handling or storage facilities.

### **Sec. 62-719. Conditional Use Permits.**

Individuals and/or facilities may request the Village in writing, to permit additional land uses in the Groundwater Protection Overlay District.

#### (a) REQUIRED APPLICATION MATERIALS

- (1) All requests shall be in writing, whether on or in substantial compliance with forms to be provided by the Village and may require an environmental assessment report prepared by a licensed environmental engineer. Said report shall be forwarded to the Village and/or designee(s) for recommendation and final decision by the Village Board.
- (2) All The individual/facility shall reimburse the Village for all consultant fees associated with this review at the invoiced amount plus administrative costs.
- (3) Any exemptions granted shall be conditional and may include required environmental and safety monitoring consistent with local, state and federal requirements, and/or bonds and/or securities satisfactory to the Village.

(b) REFERRAL TO PLAN COMMISSION. A properly filed application shall be referred to the Plan Commission for its review and recommendation. The Plan Commission shall review the application and make its recommendation, if any. The Plan Commission shall forward the recommendations to the Village Board. Upon receipt of the recommendations of the Village Board shall hold a public hearing.

(c) STANDARDS FOR CONDITIONAL USE. The Village Board shall apply the following factors:

- (1) The Village's responsibility, as a public water supplier, to protect and preserve the health, safety and welfare of its citizens.
- (2) The degree to which the proposed land use practice, activity or facility may threaten or degrade groundwater quality in the Village or the Village's recharge area.
- (3) The economic hardship which may be faced by the landowner if the application is denied.
- (4) The availability of alternative options to the applicant, and the cost, effect and extent of availability of such alternative options.
- (5) The proximity of the applicant's property to other potential sources of contamination.
- (6) The then existing condition of the Village's groundwater public water well(s) and well fields, and the vulnerability to further contamination.
- (7) The direction of flow of groundwater and other factors in the area of the applicant's property which may affect the speed of the groundwater flow, including topography, depth of soil, extent of aquifer, depth to water table and location of private wells.

## Village of McFarland Wellhead Protection Plan – October, 2016

- (8) Any other hydrogeological data or information which is available from any public or private agency or organization.
  - (9) The potential benefit, both economic and social, from the approval of the applicant's request for a permit.
- (d) **TYPES OF CONDITIONS WHICH THE VILLAGE BOARD MAY REQUIRE.** The Village Board may stipulate conditions and restrictions including but not limited to the following:
- (1) A requirement for periodic environmental and safety sampling, testing, and reporting to establish the continued protection of the public water supply. The Village may require an application to install one or more groundwater monitoring well(s), at the expense of the applicant;
  - (2) The establishment of safety structures to prevent groundwater contamination;
  - (3) The establishment of an operational safety plan to define processes and procedures for material containment, operations monitoring, best management practices, and stormwater runoff management to prevent groundwater contamination;
  - (4) Written policies and procedures for reporting and cleaning up any spill of a hazardous material;
  - (5) The provision of copies of all federal, state and local facility operation approval or certificates, and on-going environmental monitoring results to the Village.
  - (6) A written agreement pursuant to which the applicant agrees to be held financially responsible for all environmental cleanup costs in the event of groundwater contamination;
  - (7) Bonds and/or securities satisfactory to the Village for future monitoring and cleanup costs if groundwater contamination occurs in the future.
  - (8) The foregoing conditions are listed for illustration purposes and are not exclusive.
- (e) **TRANSFERS OF INTEREST IN PROPERTY.** Conditional use permits issued under this section are non-transferable to successor owners of the property subject to the permit without the express written consent of the Village Board. The Village Board may set conditions and restrictions on the transfer including but not limited to a stipulation that the permit shall not be transferred unless the new owner expressly and in writing assumes the same terms, if any, for personal liability as were required of the former owner in the conditional use permit to be transferred. Written permission shall be obtained prior to the voluntary transfer of the subject property. When an involuntary transfer occurs, the new owner, trustee, or other successor to an interest in the real property shall apply to the Village within 60 days for permission to continue the use granted by the conditional use permit.
- (f) **PAYMENT OF COSTS.** The applicant shall be solely and exclusively responsible for any and all costs associated with the application. The conditional use will become effective only after any costs incurred by the Village during the conditional use application review process and billed to the applicant are paid by the applicant. Those costs may include:
- (1) The Village's expenses, including consultant's and attorney's fees, if any, associated with the review at the invoiced amount plus administrative costs.
  - (2) The cost of an environmental impact study if so required by the Village or its designee.
  - (3) The cost of groundwater monitoring or groundwater wells if required by the Village or its designee.
  - (4) The costs of an appraisal for the property or other property evaluation expense if required by the Village or its designee.

### **Sec. 62-720. Existing Non-Conforming Uses.**

Non-conforming uses lawfully in existence within the Groundwater Protection Overlay District at the adoption of the ordinance creating this district may continue to exist in the form and scope in which they existed at that time subject to the following provisions.

- (a) Existing facilities shall provide copies of all federal, state and local facility operation approvals or certificate and on-going environmental monitoring results to the Village upon request.
- (b) Existing facilities shall replace equipment or expand in a manner that improves the existing environmental and safety technologies already in existence.

Village of McFarland Wellhead Protection Plan – October, 2016

- (c) In the event a lawful non-conforming use poses a direct hazard to the Village's public water supply, the Village may take any action permitted by law to abate the hazard.
- (d) Existing facilities shall have the responsibility of devising and/or filing with the Village, a contingency plan satisfactory to the Plan Commission for the immediate notification of the appropriate Village officers in the event of an emergency.

**Sec. 62-721. No Acceptance of Liability by Village.**

Nothing in this section shall be construed to imply that the Village has accepted any of an owner or operator's liability if a facility or use, whether permitted as of right or pursuant to a conditional use permit, contaminates groundwater in any aquifer.

**Sec. 62-722. Enforcement and Penalties.**

- (a) In the event an individual and/or facility causes the release of any contaminants which endanger the Groundwater Protection Overlay District, the individual/facility causing said release shall immediately cease and desist, and provide clean-up satisfactory to the Village of McFarland.
- (b) The individual/facility shall be responsible for all costs of cleanup and the Village of McFarland consultant fees at the invoice amount plus administrative costs for oversight, review and documentation, which includes all of the cost of Village employees' time associated in any way with the clean-up, the cost of Village equipment employed and the cost of mileage reimbursed to the Village employees attributed to the clean-up.
- (c) Following any such discharge, the Village may require additional test monitoring or other requirements as outlined in Sections 5 and 6 herein.
- (d) Violations: It shall be unlawful to construct or use any structure, land or water in violation of this ordinance. Any person who is specifically damaged by such violations may institute appropriate action or proceeding to enjoin a violation of this ordinance.
- (e) Penalties: Any person, firm or corporation who fails to comply with the provisions of this ordinance shall, upon conviction thereof, forfeit not less than One Hundred Dollars (\$100.00) or more than Five Thousand Dollars (\$5,000.00) plus the costs of the prosecution for each violation, and in default of payment of such forfeiture and costs, shall be imprisoned in the county jail until payment thereof, but not exceeding thirty (30) days, or in the alternative, shall have such costs added to their real estate property tax bill as a lien against the property. Each day a violation exists or continues shall constitute a separate offense.

**Sec. 62-723. Conflict and Severability.**

If any section, subsection, sentence, clause, paragraph or phrase of this ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, or other applicable administrative or governing body, such decision shall not affect the validity of any other section, subsection, sentence, clause, paragraph or phrase thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses, paragraphs, or phrases may be declared invalid or unconstitutional.

**Date Passed:** \_\_\_\_\_

**Date Published:** \_\_\_\_\_

\_\_\_\_\_ Village President:

Village of McFarland Wellhead Protection Plan – October, 2016

Attest:

\_\_\_\_\_ Clerk/Treasurer:

DRAFT

## Matt Schuenke

---

**From:** Larry Barton <LBarton@strang-inc.com>  
**Sent:** Tuesday, January 17, 2017 10:26 PM  
**To:** Matt Schuenke  
**Subject:** Facilities Master Plan - Proposal  
**Attachments:** McFarland\_Village\_Facilities\_Workplan.pdf; McFarland\_Village\_Facilities\_Fee\_Calc.pdf; McFarland\_Village\_Facilities\_Letter\_Agreement.pdf

Good Evening Matt,

Attached are three documents that represent our proposal for facility master planning services for the Village of McFarland.

Work Plan – shows the steps involved with the 6-week master planning service we discussed in our meeting.

Fee Calculation – shows the anticipated hours and cost for the steps identified in the work plan.

Letter Agreement – If the work plan and fee calculation meet your expectations, the letter agreement can be signed to authorize the work to proceed.

Please review and don't hesitate to contact me with questions. We are fully staffed and ready to start immediately with your approval.

Best Regards,

**Larry Barton, AIA, LEED AP**  
President / Chief Executive Officer  
t: 608-276-9201 x129 | e: [LBarton@strang-inc.com](mailto:LBarton@strang-inc.com)

### STRANG

6411 Mineral Point Road, Madison, WI 53705  
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[www.strang-inc.com](http://www.strang-inc.com)



Voted Top Commercial Architectural Firm of the Year (2013, 2014, 2015 & 2016) *InBusiness Magazine*

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To: [matt.schuenke@mcfarland.wi.us](mailto:matt.schuenke@mcfarland.wi.us) [Remove](#) this sender from my allow list  
From: [lbarton@strang-inc.com](mailto:lbarton@strang-inc.com)

*You received this message because the sender is on your allow list.*

## Matt Schuenke

---

**From:** Larry Barton <LBarton@strang-inc.com>  
**Sent:** Friday, January 20, 2017 9:48 AM  
**To:** Matt Schuenke  
**Cc:** Heidi Cox (hcox@mcfarlandlibrary.org)  
**Subject:** RE: Facilities Master Plan - Proposal

Hi Matt,

I think our mechanical engineer can also evaluate the plumbing system while on site. Therefore if you'd like to do a full building condition report, I'd add an electrical engineer and an architect to the evaluation. As such, the fee would be \$3,000 for the full building condition report. I agree that this would be useful information to complement the facilities master plan.

Kind Regards,

**Larry Barton, AIA, LEED AP**  
President / Chief Executive Officer  
t: 608-276-9201 x129 | e: [LBarton@strang-inc.com](mailto:LBarton@strang-inc.com)

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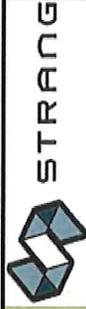
**From:** Matt Schuenke [<mailto:Matt.Schuenke@mcfarland.wi.us>]  
**Sent:** Friday, January 20, 2017 9:23 AM  
**To:** Larry Barton <LBarton@strang-inc.com>  
**Cc:** Heidi Cox (hcox@mcfarlandlibrary.org) <hcox@mcfarlandlibrary.org>  
**Subject:** RE: Facilities Master Plan - Proposal

This looks fine to me Larry, they might also want to look at electrical and plumbing. Well I guess the whole facility, I know there is some anxiety about a few things regarding how it was built and the experience they've had since then.

**From:** Larry Barton [<mailto:LBarton@strang-inc.com>]  
**Sent:** Thursday, January 19, 2017 2:13 PM  
**To:** Matt Schuenke <Matt.Schuenke@mcfarland.wi.us>  
**Cc:** Heidi Cox (hcox@mcfarlandlibrary.org) <hcox@mcfarlandlibrary.org>  
**Subject:** RE: Facilities Master Plan - Proposal

Hi Matt,

# Facilities Masterplan Workplan



## Village of McFarland

UPDATED: January 17, 2017

	Listen		Discover			Design		
	week 1	week 2	week 3	week 4	week 5	week 6		
<b>LISTEN</b>								
<b>Task</b>								
1 Listen								
1.1 Organizational meeting								
1.2 Review existing data								
1.3 Environmental scan and strategic plan review								
1.4 Interviews with key stakeholders	*							
1.5 Steering Committee workshop		*						
<b>DISCOVER</b>								
<b>Task</b>								
2 Discover								
2.1 Benchmarking								
2.2 Facility assessments			*					
2.3 Space utilization analysis								
2.4 Qualitative needs analysis					*			
2.5 Steering Committee workshop								
<b>DESIGN</b>								
<b>Task</b>								
3 Design								
3.1 Prepare alternative scenarios								
3.2 Preliminary facilities master plan strategies								
3.3 Phasing and implementation strategies								
3.4 Cost estimates and funding								
3.5 Steering Committee workshop								
3.6 Finalize master plan strategies							*	
3.7 Renderings and graphics support								
3.8 Assemble final workplace strategies report								
3.9 Steering Committee presentation								*

\* Collaboration touch points with leadership team and/or key stakeholders.

Village of McFarland - Facilities Master Plan							
Project Number: TBD							
Fee Calculation							
				Total Hours	Principal In-Charge	PM / Planner Architect III	Drafter/CADD
TASK DESCRIPTION (# Denotes Leadership Team/Key Stakeholder Meetings)							
<b>Facilities Master Plan (6 Weeks)</b>							
<b>Step 1</b>	<b>Listen (Information Gathering) - 2 weeks</b>						
1.1	<b>Organizational meeting</b>						
1.1a	Prepare workplan / schedule	1	1	0	0		
1.1b	# Organizational meeting to confirm scope, stakeholders, approach, etc.	1	1	0	0		
1.2	<b>Review existing data</b>						
1.2a	Review existing data (org chart, previous studies, operational cost, etc.)	1	0	1	0		
1.2b	Update electronic base maps (of existing arrangements)	8	0	0	8		
1.3	<b>Environmental scan / strategic plan review</b>						
1.3a	Review owner's goals, visions, brand, etc.	2	1	1	0		
1.3b	Review owner market analysis (demographics, projections, economics)	1	1	0	0		
1.3c	Written summary of data provided by Owner	2	0	2	0		
1.4	<b>Interviews with key stakeholders</b>						
1.4a	Surveys sent in advance of interviews (Departmental & Priorities Surveys)	2	2	0	0		
1.4b	# Interviews: Discuss Dept. Surveys & Prelim. Space Needs Spreadsheet	16	8	8	0		
1.4c	Written summary of survey and interview findings	2	0	2	0		
1.5	<b>Steering Committee Workshop #1</b>						
1.5a	Draft Guiding Principles and Design Strategy goals	1	0	1	0		
1.5b	Prepare and submit composite summary of findings for owner review	1	0	1	0		
1.5c	# Workshop: Present Findings, discuss Guiding Principles & Adj. Matrix	8	4	4	0		
	Principal-In-Charge Oversight	2	2	0	0		
	Hours Subtotals	48	20	20	8		
	Fee Subtotals	\$6,960	\$3,900	\$2,460	\$600		
<b>Step 2</b>	<b>Discover (Benchmarking, Assessment &amp; Analysis) - 2 weeks</b>						
2.1	<b>Benchmarking</b>						
2.1a	# Benchmarking other facilities (electronic review)	5	1	4	0		
2.2	<b>Facility Assessments</b>						
2.2a	On-site observation of existing buildings	4	0	4	0		
2.3	<b>Space Utilization Analysis</b>						
2.3a	Space needs spreadsheet	4	0	4	0		
2.3b	Adjacency Matrix	4	0	4	0		
2.3c	Functional flow bubble diagrams	12	0	4	8		
2.3d	Existing site analysis: Parking, amenities, zoning	4	0	4	0		
2.4	<b>Qualitative Needs Analysis</b>						
2.4a	Compile results of benchmarking likes & dislikes	2	0	2	0		
2.4b	Finalize Guiding Principles & Design Strategy goals	1	0	1	0		
2.4c	Prepare cost/benefit charts as needed for key decisions	4	1	3	0		
2.5	<b>Steering Committee Workshop #2</b>						
2.5a	Prepare and submit program statement for owner review	24	0	8	16		
2.5b	# Workshop: Facility Assessments, Space Utilization & Qualitative Needs	6	2	4	0		
	Principal-In-Charge Oversight	4	4	0	0		
	Hours Subtotals	74	8	42	24		
	Fee Subtotals	\$8,526	\$1,560	\$5,166	\$1,800		
<b>Step 3</b>	<b>Design (Facilities Master Planning) - 2 weeks</b>						
3.1	<b>Prepare alternative scenarios</b>						
3.1a	Create alternative scenarios (remodelings, additions, new const., etc.)	32	4	16	12		
3.1b	Statement of advantages, disadvantages and cost for each alternative	4	0	4	0		
3.2	Preliminary Design Strategy/Master Plan (based on programming)	12	4	8	0		
3.3	Phasing/implementation (swing moves, etc.)	2	0	2	0		
3.4	Cost estimates and funding (proforma review and financial targets)	2	2	0	0		
3.5	# Steering Committee workshop #3 (final review and sign off)	10	4	6	0		
3.6	Finalize Design Strategy/Master Plan (submit for owner review)	16	0	4	12		
3.7	Renderings and graphic support	24	0	0	24		
3.8	Assemble final report (incorporate owner review input)	12	0	4	8		
3.9	# Steering Committee Presentation	7	3	4	0		
	Principal-In-Charge Oversight	4	4	0	0		
	Hours Subtotals	125	21	48	56		
	Fee Subtotals	\$14,199	\$4,095	\$5,904	\$4,200		
<b>Project Totals</b>							
	Total Project Hours ----->>	247	49	110	88		
	Total Project Design Fees ----->>	\$29,685	\$9,555	\$13,530	\$6,600		



6411 MINERAL POINT ROAD T/ 608 276 9200  
MADISON, WI 53705-4395 F/ 608 276 9204

**AGREEMENT FOR PROFESSIONAL SERVICES - STUDIES**

TO: Village of McFarland PROJECT NAME: Village of McFarland –  
5915 Milwaukee St. Facilities Master Plan  
McFarland, WI 53558  
TELEPHONE NUMBER: 608-838-2303 PROJECT NUMBER: TBD  
EMAIL: Matt.schuenke@mcfarland.wi.us DATE: January 17, 2017

We acknowledge the following scope of services was authorized by Matt Schuenke to provide services for the following project: Village of McFarland – Facilities Master Plan. The scope of work includes design services for a facilities master plan of the city hall, library and public works facilities on their current sites. Services are further defined in attachment "A" fee calculation.

The Client agrees to furnish applicable information that may include, but is not limited to, maintenance information, budget, survey and other information of existing facilities. The services will be done in accordance with the Standard Billing Rate Schedule of Strang, Inc. A copy of the rate schedule will be provided upon request.

Our fee is **lump sum** twenty-nine thousand six hundred eighty-five dollars (\$29,685.00)  
We anticipate completion of service by the end of March, 2017.

Reimbursable expenses include printing, mail and delivery, fees paid for jurisdictional approvals and any other out of pocket costs approved in advance by the Client. Reimbursable expenses will be billed at 1.10 times the cost. Additional services will be approved in advance by the Client for all services extending beyond the scope above. Strang, Inc., the Consultant, will commence service on this project upon receipt of signed agreement. **Terms and Conditions on pages two through four of this form are applicable upon acceptance of this agreement.**

Accepted:

**Strang, Inc.**

**Client:**

Signature \_\_\_\_\_

Printed name: Larry Barton

Title: President / CEO

Signature \_\_\_\_\_

Printed name:

Title:

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN

## Terms and Conditions

1. **PERFORMANCE OF SERVICES:** The Consultant shall perform the services outlined on Page One of this Agreement in consideration of the stated fee and payment terms.
2. **STANDARD OF CARE:** In providing services under this Agreement, the Consultant shall perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances at the same time and in the same or similar locality. Upon notice to the Consultant and by mutual agreement between the Client and the Consultant, the Consultant will, without additional compensation, correct those services not meeting such a standard.
3. **ACCESS TO SITE:** Unless otherwise stated, the Consultant shall have access to the site for activities necessary for the performance of the services.
4. **CODE COMPLIANCE:** The Consultant shall exercise usual and customary professional care in its efforts to comply with applicable laws, codes and regulations in effect as of the date of this Agreement. Design changes made necessary by newly enacted laws, codes and regulations after this date shall entitle the Consultant to a reasonable adjustment in the schedule and additional compensation in accordance with the Additional Services provisions of this Agreement.

In the event of a conflict between laws, codes and regulations of various governmental entities having jurisdiction over the Work, the Consultant shall notify the Client of the nature and impact of such conflict. The Client agrees to cooperate and work with the Consultant in an effort to resolve this conflict.

5. **OPINIONS OF PROBABLE CONSTRUCTION COST:** In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction cost are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.
6. **REPRODUCTION COSTS:** Reproduction costs incurred by the Consultant shall be a reimbursable expense to the Consultant.
7. **DISTRIBUTION COSTS:** Distribution costs incurred by the Consultant shall be a reimbursable expense to the Consultant.
8. **INFORMATION PROVIDED BY OTHERS:** The Client shall furnish, at the Client's expense, all information, requirements, reports, data, surveys and instructions required by this Agreement. The Consultant may use such information, requirements, reports, data, surveys and instructions in performing its services and is entitled to rely upon the accuracy and completeness thereof. The Consultant shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by the Client and/or the Client's consultants and contractors.
9. **UNDERGROUND IMPROVEMENTS:** The Client will furnish to the Consultant information identifying the type and location of existing underground improvements on the site. The Consultant is entitled to rely upon the accuracy and completeness of the information furnished to the Consultant. The Consultant (or its sub-consultant) will prepare and furnish to the Client a plan showing the location of these underground improvements as provided by the Client and indicating the locations intended for subsurface penetrations. The Client will review and approve this plan and authorize the Consultant to proceed.

The Client further agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Consultant, its officers, directors, employees and sub-consultants (collectively, the Consultant) against any damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising or allegedly arising from subsurface penetrations in locations authorized by the Client or from the inaccuracy or incompleteness of information provided to the Consultant by the Client, except for damages caused by the sole negligence or willful misconduct of the Consultant.

10. **OWNERSHIP OF DOCUMENTS:** All documents produced by the Consultant under this Agreement are instruments of the Consultant's professional service and shall remain the property of the Consultant and may not be used or copied by the Client for any other purpose without the prior written consent of the Consultant.
11. **INFORMATION FOR THE SOLE USE AND BENEFIT OF THE CLIENT:** All opinions and conclusions of the Consultant, whether written or oral, and any plans, specifications or other documents and services provided by the Consultant are for the sole use and benefit of the Client and are not to be provided to any other person or entity without the prior written consent of the Consultant. Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of any third party against either the Consultant or the Client.
12. **CONSEQUENTIAL DAMAGES:** Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the Client nor the Consultant, their respective officers, directors, partners, employees, contractors or sub-consultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Work or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation and any other consequential

damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict or implied warranty. Both the Client and the Consultant shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this Work.

13. INDEMNIFICATION: The Client shall, to the fullest extent permitted by law, indemnify and hold harmless the Consultant, his or her officers, directors, employees, agents and sub-consultants from and against all damage, liability and cost, including reasonable attorney's fees and defense costs incurred or suffered by the Consultant, arising out of or in any way connected with the performance of the services under this Agreement, excepting only those damages, liabilities or costs attributable to the sole negligence or willful misconduct of the Consultant and limited to the total fees paid to the Consultant under this Agreement, or \$100,000, whichever is greater.
14. WAIVER: The Client agrees, to the maximum extent permitted by law, to waive any claims against the Consultant arising out of the performance of these services, except for those damages and costs attributable to the sole negligence or willful misconduct of the Consultant.
15. LIMITATION OF LIABILITY: In recognition of the relative risks, rewards and benefits of the Work to both the Client and the Consultant, the risks have been allocated such that the Client agrees that, to the fullest extent permitted by law, the Consultant's total liability to the Client for any and all such causes including, but not limited to, the Consultant's negligence, errors, omissions, strict liability, breach of contract or breach of warranty is limited to the total fees paid to the Consultant under this Agreement, or \$100,000, whichever is greater.
16. DISPUTE RESOLUTION: Any claims or disputes between the Client and the Consultant arising out of the services to be provided by the Consultant or out of this Agreement shall be submitted to non-binding mediation. The Client and the Consultant agree to use their best efforts to include a similar mediation agreement with all contractors, sub-consultants, sub-contractors, suppliers and fabricators, providing for mediation as the primary method for dispute resolution among all parties. Any dispute under this Agreement shall be decided by the rules of the American Arbitration Association.
17. TERMINATION OF SERVICES: This Agreement may be terminated at any time by either party should the other party fail to perform its obligations hereunder. In the event of termination for any reason whatsoever, the Client shall pay the Consultant for all services rendered to the date of termination, and all reimbursable expenses incurred prior to termination and reasonable termination expenses incurred as the result of termination.
18. CORPORATE PROTECTION: It is intended by the parties to this Agreement that the Consultant's services in connection with the Work shall not subject the Consultant's individual employees, officers or directors to any personal legal exposure for the risks associated with this Work. Therefore, and notwithstanding anything to the contrary contained herein, the Client agrees that as the Client's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against the Consultant, a Wisconsin corporation, and not against any of the Consultant's individual employees, officers or directors.
19. CERTIFICATIONS, GUARANTEES, AND WARRANTIES: The Consultant shall not be required to execute any document that would result in the Consultant certifying, guaranteeing or warranting the existence of any conditions.
20. MISCELLANEOUS: It is agreed that the above terms and conditions are incorporated into and made part of this Agreement on Page One.

This Agreement shall be governed by the laws of the State of Wisconsin.

Neither the Consultant nor the Client shall assign this Agreement without the consent of the other party.

This Agreement may be amended only by a written instrument signed by both parties.

21. SALES OR LOCAL TAXES: The Agreement amount does not include any applicable sales or other local taxes currently not in force, but may be levied during this project.
22. PAYMENTS TO THE CONSULTANT: The Client agrees to pay the Consultant for all services performed and all costs incurred. Invoices for the Consultant's services shall be submitted, at the Consultant's discretion, either upon completion of such services or on a monthly basis. Invoices shall be due and payable upon receipt. If any invoice is not paid within thirty (30) days, the Consultant may, without waiving any claim or right against the Client, and without liability whatsoever to the Client, suspend or terminate the performance of services. Accounts unpaid sixty (60) days after the invoice date may be subject to a monthly service charge of one-half of one percent (0.5%) on the unpaid balance.

Payments to the Consultant shall not be withheld, postponed or made contingent on the construction, completion or success of the project or upon receipt by the Client of offsetting reimbursement or credit from other parties who may have caused Additional Services or expenses. No withholdings, deductions or offsets shall be made from the Consultant's compensation for any reason unless the Consultant has been found to be legally liable for such amounts.

23. DEFINITIONS: As used herein, the following words and their derivative words or phrases shall have the meaning indicated,

unless otherwise specified in this Agreement.

Certify, Certification: A statement of the Consultant's opinion, based on his or her observation of conditions, to the best of the Consultant's professional knowledge, information and belief. Such statement of opinion does not constitute a warranty or guarantee, either express or implied. It is understood that the Consultant's certification shall not relieve the Client or the Client's contractors of any responsibility or obligation they may have by industry custom or under any contract.

Cost Estimate: A preliminary opinion of probable construction cost made by the Consultant. In providing cost estimates, it is recognized that neither the Client nor the Consultant has control over the costs of labor, equipment or materials, or over the Contractor's methods of determining prices or bidding. The cost estimate is based on the Consultant's reasonable professional judgment and experience and does not constitute a warranty, express or implied, that the Contractor's bids or the negotiated price of the Work will not vary from the Client's budget or from any opinion of probable construction cost prepared by the Consultant.

Day, Days: A calendar day of 24 hours. The term "days" shall mean consecutive calendar days of 24 hours each, or fraction thereof.

Hazardous Materials: Any substances, including, without limitation, asbestos, toxic or hazardous waste, PCBs, combustible gases and materials, petroleum or radioactive materials (as each of these is defined in applicable federal statutes), mold of whatever nature, or any other substances under any conditions and in such quantities as could pose a substantial danger to persons or property exposed to such substances at or near the Work site.

Inspect, Inspection: The visual observation of construction to permit the Consultant, as an experienced and qualified professional, to determine that the Work, when completed by the Contractor, generally conforms to the Contract Documents. In making such inspections, the Consultant makes no guarantees for, and shall have no authority or control over, the Contractor's performance or failure to perform the Work in accordance with the Contract Documents. The Consultant shall have no responsibility for the means, methods, techniques, sequences or procedures selected by the Contractor or for the Contractor's safety precautions and programs nor for failure by the Contractor to comply with any laws or regulations relating to the performance or furnishing of the Work by the Contractor.

Record Documents: Drawings prepared by the Consultant upon the completion of construction based upon the drawings and other data furnished to the Consultant by the Contractor and others showing significant changes in the Work made during construction. Because Record Documents are prepared using unverified information provided by others, the Consultant makes no warranty of the accuracy or completeness of the drawings.