

**Village of Mukwonago
REGULAR MEETING OF THE
COMMITTEE OF THE WHOLE
OF THE VILLAGE BOARD OF TRUSTEES**

Notice of Meeting and Amended Agenda

Wednesday August 7, 2019

Time: **5:30 p.m.**

Place: **Mukwonago Municipal Building/Board Room, 440 River Crest Court**

Any items not discussed or acted on at this meeting will be forwarded to a meeting of the Village of Mukwonago Committee of the Whole on **August 8, 2019, at 5:30 p.m.**, or a different specified date, located at the Mukwonago Municipal Building/Committee Room, 440 River Crest Court.

The Committee of the Whole has the discretion to take up the items listed below in any order.

1. Call to Order
2. Roll Call
3. Approval of minutes from the regular Committee of the Whole Meeting July 2, 2019.

4. Committee Reports

Discussion and Possible Action on the Following Items

A. Finance Committee, Trustee Vermeulen

- 1) Vouchers payable batches

Payments batch – AP 08-2019-1	\$426,393.40
Payments batch – M 07-2019	\$142,808.27
Payments batch – LIBAP 7-2019	\$18,687.63
Payments batch – US 7-2019	\$12,022.00
Payments batch – WE 7-2019	\$36,526.38
Payments batch – CABLE 7-2019	\$5,926.44

2) June 2019 Monthly Treasury Report, Revenue/Expenditure Guideline Report

(This report is from Staff to Committee members. No item in the reports shall be discussed or acted on by Committee members unless it is specifically noted on the agenda that discussion may occur and/or action may be taken on that item. If the Committee wishes to discuss an item in the reports, the Committee will direct that item to be placed on the next Committee agenda.)

B. Health and Recreation Committee, Trustee Decker

- 1) Recommendation to the Village Board on conducting an Impact Fee Study for Parks.
- 2) Comments regarding new playground structures and designs.

C. Judicial Committee, Trustee Walsh

- 1) Discussion and possible recommendation on an addition to Section 34-32 of the Municipal Code, proposed new ordinance regarding property maintenance, and direction from Committee for Administration regarding improving the complaint process.

D. Public Works Committee, Trustee Wamser

- 1) Recommendation to the Village Board to approve the Adaptive Management Plan and authorize the Village President to execute same.

- 2) Recommend the Village Board adopt the amended preliminary resolution for infrastructure improvements for the Chapman Farm Development.
- 3) Recommend to the Village Board to approve the Mukwonago Meadowland Townhomes Development Agreement
- 4) Recommend to the Village Board to approve the Mukwonago Meadowland Townhomes Stormwater Management Agreement

E. Protective Services Committee, Trustee Brill

- 1) Recommend the Village Board approve for the Police Department to work with SCIT to raise funds and purchase an armored vehicle, with the Village of Mukwonago portion not to exceed \$35,000.
- 2) Recommend to the Village Board to authorization for the WI DOT to install the Emergency Vehicle Pre-emption device on the traffic standards at the intersection of STH83 & CTH NN, and authorize the Village President to execute the EVP agreement.

5. Communications

- a. Notice from Town of Brookfield pursuant to Wis. Stats. Sec. 66.0307(4) authorizing the participation of a Cooperative Plan involving territories in the Town of Brookfield and Town of Waukesha. *(This item is for information purposes only)*
- b. Letter from Mukwonago Lions Foundation, Inc thanking the Village Board of Trustees for their continued support. *(This item is for information purposes only)*

6. Adjournment

It is possible that a quorum of, members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Please note, upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through appropriate aids and services. For additional information or to request this service, contact the Municipal Clerk's Office, (262) 363-6420.

Posted: 08/02/19 12:00PM
Amended: 08/02/19 3:00PM

MINUTES OF THE REGULAR COMMITTEE OF THE WHOLE MEETING **Tuesday July 2, 2019**

Call to Order

Village President Fred Winchowky called the meeting to order at 5:30 p.m. located in the Board Room of the Mukwonago Municipal Building, 440 River Crest Ct.

Roll Call

Committee members present:

- Jim Decker
- Darlene Johnson
- Jay Vermeulen
- Eric Brill
- Jason Wamser
- Roger Walsh
- Fred Winchowky, Village President

Also present:

- Ron Bittner, Public Works Director
- Wayne Castle, Lead Operator
- Diana Doherty, Finance Director
- Ron English, Village Attorney
- Robert Harley, Supervisor of Inspections
- Kevin Schmidt, Police Chief
- Jerad Wegner, Village Engineer
- John Weidl, Village Administrator
- Judith Taubert, Clerk-Treasurer

Committee of the Whole Business

Minutes

Motion by Decker/Johnson to approve the minutes for June 5, 2019 regular meeting carried.

Committee Reports

Finance Committee

1) Vouchers payable batches

Motion by Johnson/Decker to recommend the Village Board approve the following batches of vouchers payable carried:

- a. Payments batch – AP 07-2019-1 \$261,384.11
- b. Payments batch – M 06-2019 \$311,484.05
- c. Payments batch – LIBAP 6-2019 \$ 24,763.94
- d. Payments batch – US 6-2019 \$ 15,249.88
- e. Payments batch – WE 6-2019 \$ 36,454.00

2) Letter from Hutchinson, Schockey, Erley & Co. regarding cash flow projections for TID#3

Information Only

3) Treasury Report

The May 2019 monthly Treasury report is on file in the Clerk's Office.

Administrator

1) One-time bonus payment of \$1,000 to Tim Rutenbeck

Motion by Decker/Vermeulen to give a one-time bonus payment of \$1,000 to Tim Rutenbeck for achieving his Commercial Plumbing Certification carried

Health and Recreation Committee

1) Special Event Permit for the St. James Festival August 23, 24 and 25, 2019

Motion by Johnson/Wamser to approve a Special Event Permit for the St. James Festival August 23, 24, and 25, 2019 carried.

2) Discussion on charging the Mukwonago Chamber of Commerce a fee for the Farmer's Market

Will bring back to the July 17, 2019 Village Board meeting as a closed session item

Judicial Committee

1) Ordinance No. 965 – To recommend to the Village Board to adopt Ordinance 965 an ordinance to create Section 34-33 of the Village of Mukwonago Municipal Code regarding the Maintenance of Buildings and Structures

Item will come back to the August Committee of the Whole meeting to seek more information and consider adding five items to the ordinance. No action taken.

Public Works Committee

1) Approve the CTH NN Water Main Relay-Final Payment to Genesis Excavators, Inc.

Motion by Decker/Johnson to recommend the Village Board approve the final change order #3 for CTH NN Water Main Relay-final payment to Genesis Excavators, Inc. carried

2) Approve a purchase order for 100,000 sq. feet of Liquid Road to Tracy Sealcoating Services in the amount of \$24,000

Motion by Decker/Walsh to recommend the Village Board approve a purchase order for 100,000 sq. feet of Liquid Road to Tracy Sealcoating Services in the amount of \$24,000 carried.

3) Approval of RM Task Order 2018-28A1 Amendment No. 1 for TID #5 Phase 2 Public Improvement additional construction related services in the amount of \$18,110

Motion by Decker/Johnson to recommend to the Village Board to approve the RM Task Order 2018-28A1 Amendment No. 1 for TID Phase 2 Public Improvement additional construction related services in the amount of \$18,110 carried.

4) Approve and authorize the Village President to sign the contract with Thunder Road Asphalt for the 2019 Crack Sealing Project in the amount of \$52,083.00

Motion by Decker/Walsh to recommend the Village Board approve and authorize the Village President to sign the contract with Thunder Road Asphalt for the 2019 Crack Sealing Project

in the amount of \$52,083.00 carried.

5) Direction to staff on renewing discussion with St. James Catholic Church about the Village acquiring land for future public works grounds expansion

Village Attorney will send letter to the Parish Counsel to see if they are receptive to the Village acquiring land for future public works grounds expansion.

6) Award the REBID Pick 'n Save Pond Retrofit contract to Mudtech, LLC for bid amount of \$269,460.00

Motion by Decker/Johnson to recommend the Village Board award the REBID Pick 'n Save Pond Retrofit contract to Mudtech, LLC for bid amount of \$269,460.00 carried

7) RM Task Order No. 2019-09 and authorize the Village Hall Generator project

Motion by Johnson/Decker to recommend the Village Board approve the RM Task Order No. 2019-09 and authorize the Village Hall Generator project carried

Village Attorney

1) Discussion and possible recommendation to the Village Board regarding the request by Fairwinds to amend the release on restriction of sale of lots in Fairwinds subdivision, completion of streetlights and the steps being taken to renew the LOC

Hold for closed session at the Special Village Board meeting after the Committee of the Whole meeting

2) Discussion and possible recommendation to the Village Board regarding the approval of a settlement agreement between the Village and Bielinski Homes, Inc.

Hold for closed session at the Special Village Board meeting after the Committee of the Whole meeting

Adjournment

Meeting adjourned at 6:11 p.m.

Respectfully Submitted,

Judith A. Taubert
Clerk-Treasurer

Vouchers Payable Cover Sheet

Payments batch AP 08-2019-1	\$426,393.40
Payments batch M 07-2019	\$142,808.27
Payments batch LIBAP 7-2019	\$ 18,687.63
Payments batch US 7-2019	\$ 12,022.00
Payments batch WE 7-2019	\$ 36,526.38
Payments batch CABLE 7-2019	\$ 5,926.44
Total for board approval:	\$642,364.12

CUSTOM INVOICE REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 06/01/2019 - 08/07/2019
 UNJOURNALIZED
 OPEN - CHECK TYPE: PAPER CHECK

INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: A2CL SERVICES LLC					
05242019	BLOOD DRAW AT LAKE LAND HOSPITAL FOR OWI	26.80	A2CL SERVICES LLC	POLICE	100-5212-521900 26.80
TOTAL VENDOR A2CL SERVICES LLC		26.80			
VENDOR NAME: AM TOWING					
W24314	3462 BRAKE REPAIR	753.18	AM TOWING	FIRE	150-5222-539500 753.18
43167	TOW SUSPEC T VEHICLE TO IMPOUND	125.00	AM TOWING	POLICE	100-5212-521900 125.00
043141	TOW SUSPECT VEHICLE TO IMPOUND, IR #19-	233.00	AM TOWING	POLICE	100-5212-521900 233.00
TOTAL VENDOR AM TOWING		1,111.18			
VENDOR NAME: AMERICAN POWER, INC					
104096	REPLACEMENT CHAIN SAW	417.22	AMERICAN POWER, INC	DPW	100-5611-531100 417.22
103373	CHAINSAW PARTS	20.55	AMERICAN POWER, INC	DPW	100-5324-539500 20.55
TOTAL VENDOR AMERICAN POWER, INC		437.77			
VENDOR NAME: ANICH LUMBER					
54359A	DIGESTER COVER MATERIAL FOR ROLLER GUID	52.00	ANICH LUMBER	UTILITIES	620-8010-833000 52.00
TOTAL VENDOR ANICH LUMBER		52.00			
VENDOR NAME: ASSOCIATED APPRAISAL					
141141	MARCH SERVICES	1,397.57	ASSOCIATED APPRAISAL	CLERK	100-5142-521900 1,397.57
TOTAL VENDOR ASSOCIATED APPRAISAL		1,397.57			
VENDOR NAME: AT & T MOBILITY					
1X07152019	MONTHLY CELLULAR/AIRCARD BILL	489.93	AT & T MOBILITY	POLICE	100-5211-522500 489.93
TOTAL VENDOR AT & T MOBILITY		489.93			
VENDOR NAME: AUGUST WINTER & SONS INC					
PYMT11	ANAEROBIC DIGESTER - #11	115,700.00	AUGUST WINTER & SONS	FINANCE	620-0000-000105 115,700.00
TOTAL VENDOR AUGUST WINTER & SONS INC		115,700.00			
VENDOR NAME: AUTOMATIC ENTRANCES OF WISCONSIN					
1986394	VILLAGE HALL DOOR OPERATOR REPLACEMENT	2,225.00	AUTOMATIC ENTRANCES O	DPW	100-5160-539500 2,225.00
TOTAL VENDOR AUTOMATIC ENTRANCES OF WISCONSIN		2,225.00			
VENDOR NAME: BADGER GLOVE & SAFETY					
053047	SAFETY APPAREL	383.00	BADGER GLOVE & SAFETY	DPW	100-5323-534800 383.00
TOTAL VENDOR BADGER GLOVE & SAFETY		383.00			
VENDOR NAME: BEDROCK SEWER & WATER					
1809	WATER SERVICE REPLACEMENT 1115 DRAKE CT	16,445.63	BEDROCK SEWER & WATER	FINANCE	610-0000-134500 16,445.63
TOTAL VENDOR BEDROCK SEWER & WATER		16,445.63			
VENDOR NAME: BOUND TREE MEDICAL					
83284903	EMS SUPPLIES	322.69	BOUND TREE MEDICAL	FIRE	150-5231-531100 322.69
TOTAL VENDOR BOUND TREE MEDICAL		322.69			
VENDOR NAME: BROWN DAVE					
07182019	DONUTS FOR SPONSORED TRAINING CLASS	34.94	DAVE BROWN	UTILITIES	620-8400-854100 34.94

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VENDOR NAME: BROWN DAVE					
TOTAL VENDOR BROWN DAVE		34.94			
VENDOR NAME: CHRISTENSON, JERRY					
REFUNDO719	UB refund for account: 5818	136.37	CHRISTENSON, JERRY	ALLOCATE	620-0000-142000 26.38 610-0000-142000 24.97 410-0000-142000 14.77 620-0000-142000 24.43 610-0000-142000 24.43 610-0000-142000 21.39
TOTAL VENDOR CHRISTENSON, JERRY		136.37			
VENDOR NAME: CINTAS					
4025726894	UNIFORM SERVICE	78.50	CINTAS	UTILITIES	610-6920-693000 39.25 620-8010-827000 39.25
4025726848	STAFF UNIFORMS	79.65	CINTAS	DPW	100-5323-531100 79.65
4026192811	UNIFORM SERVICE	78.50	CINTAS	UTILITIES	610-6920-693000 39.25 620-8010-827000 39.25
4026192944	EMPLOYEE UNIFORMS	79.65	CINTAS	DPW	100-5323-531100 79.65
4026667804	STAFF UNIFORMS/SHOP TOWELS	84.65	CINTAS	DPW	100-5323-531100 84.65
TOTAL VENDOR CINTAS		400.95			
VENDOR NAME: CIVITEK CONSULTING					
61-01-01	511 OAKLAND	196.00	CIVITEK CONSULTING	FINANCE	100-0000-211400 196.00
61-01-02	441 BLOOD ST	107.80	CIVITEK CONSULTING	FINANCE	100-0000-211400 107.80
61-01-03	402 GRAND WESTEMEIER	333.20	CIVITEK CONSULTING	FINANCE	100-0000-211400 333.20
61-01-04	211 N ROCHESTER	245.00	CIVITEK CONSULTING	FINANCE	100-0000-211400 245.00
61-01-05	WAUKESHA STATE BANK	499.80	CIVITEK CONSULTING	FINANCE	100-0000-211400 499.80
61-01-06	HELMINIAC	98.00	CIVITEK CONSULTING	FINANCE	100-0000-211400 98.00
61-01-07	RIVERVIEW	313.60	CIVITEK CONSULTING	FINANCE	100-0000-211400 313.60
61-01-08	PETRAUSKI	617.40	CIVITEK CONSULTING	FINANCE	100-0000-211400 617.40
61-01-09	CHAPMAN FARMS VILLAS	68.60	CIVITEK CONSULTING	FINANCE	100-0000-211425-D00021 68.60
61-01-10	TOUCHPAD	362.60	CIVITEK CONSULTING	FINANCE	100-0000-211425 362.60
61-01-11	MALCOLM	431.20	CIVITEK CONSULTING	FINANCE	100-0000-211425 431.20
61-01-12	PROHEALTH	215.60	CIVITEK CONSULTING	FINANCE	100-0000-211425-D00027 215.60
61-01-13	915 MAIN APARTMENTS	1,117.20	CIVITEK CONSULTING	FINANCE	100-0000-211425-D00031 1,117.20
61-01-14	GROWTH WERKS	98.00	CIVITEK CONSULTING	FINANCE	100-0000-211400 98.00
61-01-MSA	PLANNING SERVICES - GENERAL	9,094.40	CIVITEK CONSULTING	FINANCE	100-5632-521900 9,094.40
TOTAL VENDOR CIVITEK CONSULTING		13,798.40			
VENDOR NAME: CJ & ASSOCIATES, INC					
0226183-IN	VILLAGE HALL CARPETING	4,402.72	CJ & ASSOCIATES, INC	DPW	430-5700-571000 4,402.72
TOTAL VENDOR CJ & ASSOCIATES, INC		4,402.72			
VENDOR NAME: CLEAN MATS					
48170	WALK OFF MATS VILLAGE HALL	74.00	CLEAN MATS	DPW	100-5160-521900 74.00
TOTAL VENDOR CLEAN MATS		74.00			

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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: CLIA LABORATORY PROGRAM					
01/20-01/22	CLIA LAB USER FEES	180.00	CLIA LABORATORY PROGR	FIRE	150-5231-521900 180.00
TOTAL VENDOR CLIA LABORATORY PROGRAM		180.00			
VENDOR NAME: COLUMBIA SOUTHERN UNIVERSITY					
HY2000	OFFICER KUBIAK EDUCATION ENROLLMENT - H	690.00	COLUMBIA SOUTHERN UNI	POLICE	100-5212-516300 690.00
TOTAL VENDOR COLUMBIA SOUTHERN UNIVERSITY		690.00			
VENDOR NAME: CORE & MAIN LP					
K98202	SENSUS METER SUPPORT	2,150.00	CORE & MAIN LP	UTILITIES	610-6453-665300 2,150.00
K824387	MALLARD CRT SERVICE REPAIR PARTS	749.52	CORE & MAIN LP	UTILITIES	610-6452-665200 749.52
K764118	HYDRANT REPAIR	1,240.00	CORE & MAIN LP	UTILITIES	610-6454-665400 1,240.00
TOTAL VENDOR CORE & MAIN LP		4,139.52			
VENDOR NAME: COREY OIL, LTD					
138500		511.50	COREY OIL, LTD	MULTIPLE	100-5212-535100 170.50 150-5222-535100 170.50 100-5324-535100 170.50
TOTAL VENDOR COREY OIL, LTD		511.50			
VENDOR NAME: COUNTY WIDE EXTINGUISHER, INC					
16390	STOVE HOOD CLEANING AND SUPPRESSION INSP	108.25	COUNTY WIDE EXTINGUIS	DPW	100-5220-539400 108.25
16389	ANNUAL EXTINGUISHER INSPECTION	1,773.55	COUNTY WIDE EXTINGUIS	MULTIPLE	100-5323-539500 998.85 150-5221-539500 169.75 610-6920-693500 90.55 620-8400-856000 90.55 440-5511-539500 44.00 100-5211-539500 379.85
TOTAL VENDOR COUNTY WIDE EXTINGUISHER, INC		1,881.80			
VENDOR NAME: DIGGERS HOTLINE					
190638301	DIGGER HOTLINE STORM SEWER	96.19	DIGGERS HOTLINE	DPW	100-5344-521900 96.19
190638301	DIGGERS HOTLINE FEES	192.36	DIGGERS HOTLINE	UTILITIES	610-6920-693000 96.18 620-8030-531000 96.18
TOTAL VENDOR DIGGERS HOTLINE		288.55			
VENDOR NAME: DYNAMIC AWARDS					
16279	NAME PLATES-DEPARTMENT HEADS	100.00	DYNAMIC AWARDS	CLERK	100-5142-539900 100.00
TOTAL VENDOR DYNAMIC AWARDS		100.00			
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2083708	EMS SUPPLIES	69.96	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 69.96
2085552	EMS SUPPLIES	17.90	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 17.90
2083988	EMS SUPPLIES	453.30	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 453.30
2085964	EMS SUPPLIES	217.65	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 217.65
2087191	EMS SUPPLIES	343.50	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 343.50

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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2088881	EMS SUPPLIES	891.28	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 891.28
2088882	EMS SUPPLIES	231.60	EMERGENCY MEDICAL PRO	FIRE	150-5231-531100 231.60
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS		2,225.19			
VENDOR NAME: ENVIRONMENT CONTROL					
11067-613	VILLAGE HALL CLEANING	597.00	ENVIRONMENT CONTROL	DPW	100-5160-521900 597.00
TOTAL VENDOR ENVIRONMENT CONTROL		597.00			
VENDOR NAME: FASTENAL COMPANY					
WIMUK77914	PAPER TOWEL LAB	82.08	FASTENAL COMPANY	UTILITIES	620-8010-827000 82.08
WIMUK77915	COOLER	24.99	FASTENAL COMPANY	UTILITIES	620-8010-827000 24.99
WIMUK77965	EAR PLUGS	6.34	FASTENAL COMPANY	DPW	100-5323-534800 6.34
WIMUK78019	WATER TOOLS	22.58	FASTENAL COMPANY	UTILITIES	610-6310-663500 22.58
WIMUK78020	EAR PLUGS	23.28	FASTENAL COMPANY	DPW	100-5323-534800 23.28
TOTAL VENDOR FASTENAL COMPANY		159.27			
VENDOR NAME: GALLS INC					
013123163	OFFICER KUBIAK'S UNIFORM ALLOWANCE & NE	158.94	GALLS INC	POLICE	100-5212-534600 135.96 100-5211-534700 22.98
TOTAL VENDOR GALLS INC		158.94			
VENDOR NAME: GARDEN MART/THE					
89247	DONATED OAK TREE	242.24	THE GARDEN MART	DPW	340-5890-580601 242.24
TOTAL VENDOR GARDEN MART/THE		242.24			
VENDOR NAME: GENESEE AGGREGATE CORP					
7731	WATER SERVICE REPAIRS	830.23	GENESEE AGGREGATE COR	UTILITIES	610-6452-665200 830.23
T7731	WATER SERVICE REPLACEMENT	472.76	GENESEE AGGREGATE COR	UTILITIES	610-6452-665200 472.76
7804	BEACH SAND/PARKS	154.80	GENESEE AGGREGATE COR	DPW	100-5521-531100 154.80
TOTAL VENDOR GENESEE AGGREGATE CORP		1,457.79			
VENDOR NAME: GENESEE AGGREGATE TRUCKING					
T7804	DELIVERY BEACH SAND/PARKS	103.20	GENESEE AGGREGATE TRU	DPW	100-5521-531100 103.20
TOTAL VENDOR GENESEE AGGREGATE TRUCKING		103.20			
VENDOR NAME: GOURDOUX LINDA					
JULY2019	MILEAGE	174.00	LINDA GOURDOUX	CLERK	100-5142-533200 174.00
TOTAL VENDOR GOURDOUX LINDA		174.00			
VENDOR NAME: GUNDERSON EXCAVATING, INC					
9116	CONTAMINATED SOIL REMOVAL AND BACK FILL	33,867.93	GUNDERSON EXCAVATING,	DPW	240-5700-582100 33,867.93
TOTAL VENDOR GUNDERSON EXCAVATING, INC		33,867.93			
VENDOR NAME: HAWKINS WATER TREATMENT					
4539681	WATER TREATMENT CHEMICALS	3,143.14	HAWKINS WATER TREATME	UTILITIES	610-6300-663100 3,143.14
4539660	SLUDGE DEWATERING CHEMICAL	2,028.60	HAWKINS WATER TREATME	UTILITIES	620-8010-825000 2,028.60
TOTAL VENDOR HAWKINS WATER TREATMENT		5,171.74			

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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: HIPPENMEYER, REILLY					
48174	MISC MATTERS	3,060.00	HIPPENMEYER, REILLY,	FINANCE	100-5130-521900 3,060.00
48161	UTILITIES	567.77	HIPPENMEYER, REILLY,	FINANCE	610-6920-692300 283.89 620-8400-852000 283.88
48162	POLICE	70.00	HIPPENMEYER, REILLY,	FINANCE	100-5211-521900 70.00
48163	ORDINANCE/RESOLUTIONS	140.00	HIPPENMEYER, REILLY,	FINANCE	100-5130-521900 140.00
48164	FAIRWINDS SUBDIVISION	152.50	HIPPENMEYER, REILLY,	FINANCE	100-0000-211425-D00007 152.50
48165	TERONOMY / DEBACK	52.50	HIPPENMEYER, REILLY,	FINANCE	100-0000-211425-D00030 52.50
48166	915 MAIN	472.50	HIPPENMEYER, REILLY,	FINANCE	100-0000-211425-D00031 472.50
48167	MALCOLM DRILLING	155.00	HIPPENMEYER, REILLY,	FINANCE	100-0000-211425 155.00
48168	SUPER PRODUCTS	17.50	HIPPENMEYER, REILLY,	FINANCE	250-5130-521900 17.50
48173	TOUCHPAD	432.50	HIPPENMEYER, REILLY,	FINANCE	100-0000-211425 432.50
48169	IDC	17.50	HIPPENMEYER, REILLY,	FINANCE	100-0000-211400 17.50
48170	EDGEWOOD MEADOWS	87.50	HIPPENMEYER, REILLY,	FINANCE	100-0000-211400 87.50
48171	MEADOWLAND TOWNHOMES	175.00	HIPPENMEYER, REILLY,	FINANCE	100-0000-211425-D00025 175.00
48172	PROSECUTION	1,330.00	HIPPENMEYER, REILLY,	FINANCE	100-5130-521900 1,330.00
TOTAL VENDOR HIPPENMEYER, REILLY		6,730.27			
VENDOR NAME: HORN FEEDS					
29911	BASEBALL LIME	108.00	HORN FEED	DPW	100-5521-531100 108.00
TOTAL VENDOR HORN FEEDS		108.00			
VENDOR NAME: JEFFERSON FIRE & SAFETY					
IN107616	BARKOW COAT PLATE	57.80	JEFFERSON FIRE & SAFE	FIRE	150-5222-531100 57.80
IN107886	EV1 HELMETS	1,225.00	JEFFERSON FIRE & SAFE	FIRE	150-5700-571300 1,225.00
IN107759	HOLMATRO 21 TON HIGH PRESSURE BAG	1,041.01	JEFFERSON FIRE & SAFE	FIRE	150-5700-571300 1,041.01
TOTAL VENDOR JEFFERSON FIRE & SAFETY		2,323.81			
VENDOR NAME: JOHNS DISPOSAL					
318907	GARBAGE AND RECYCLING	38,938.50	JOHNS DISPOSAL	DPW	410-5362-531000 22,905.00 410-5363-522000 16,033.50
316111	STREET SWEEPING DISPOSAL	2,512.50	JOHNS DISPOSAL	DPW	100-5345-539000 2,512.50
TOTAL VENDOR JOHNS DISPOSAL		41,451.00			
VENDOR NAME: KAESTNER AUTO ELECTRIC					
330526	WIRE FOR NEW SQUAD SET UP	17.50	KAESTNER AUTO ELECTRI	POLICE	430-5700-571100 17.50
TOTAL VENDOR KAESTNER AUTO ELECTRIC		17.50			
VENDOR NAME: KARALEWITZ KATHY					
6/26-7/23	CLERK SERVICES/K KARALEWITZ	185.00	KARALEWITZ KATHY	CLERK	100-5142-521900 185.00
TOTAL VENDOR KARALEWITZ KATHY		185.00			
VENDOR NAME: KBS OUTDOOR EQUIPMENT					
4301	MOWER BLADES	109.95	KBS OUTDOOR EQUIPMENT	UTILITIES	620-8010-827000 109.95
TOTAL VENDOR KBS OUTDOOR EQUIPMENT		109.95			
VENDOR NAME: L-R METER TESTING					
4423	SALT BRINE BACKFLOW TESTING	100.00	L-R METER TESTING	DPW	100-5347-531100 100.00

CUSTOM INVOICE REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 06/01/2019 - 08/07/2019
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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: L-R METER TESTING					
	TOTAL VENDOR L-R METER TESTING	100.00			
VENDOR NAME: M&M CONTROL SERVICE INC					
INV194923	PRESSURE GAUGES FOR RAW WASTEWATER PUMP	511.89	M&M CONTROL SERVICE I	UTILITIES	620-8010-833000 511.89
	TOTAL VENDOR M&M CONTROL SERVICE INC	511.89			
VENDOR NAME: MCCUEN, BRENNEN					
JULY2019	BRENNEN MCCUEN CONFRENCE MILAGE	109.04	MCCUEN, BRENNEN	DPW	100-5323-533500 109.04
	TOTAL VENDOR MCCUEN, BRENNEN	109.04			
VENDOR NAME: MESSAGEUS.COM					
191810134	PHONE SERVICE	13.33	MESSAGEUS.COM	UTILITIES	610-6920-692100 13.33
	TOTAL VENDOR MESSAGEUS.COM	13.33			
VENDOR NAME: MUKWONAGO AREA CHAMBER OF COMM					
JUNE2019	ROOM TAX PAYMENT/PATEL	3,291.51	MUKWONAGO AREA CHAMBE	CLERK	100-0000-244000 3,291.51
	TOTAL VENDOR MUKWONAGO AREA CHAMBER OF COMM	3,291.51			
VENDOR NAME: MUKWONAGO ROTARY CLUB					
07012019	BREAKFAST & DUES	269.25	MUKWONAGO ROTARY CLUB	MULTIPLE	100-5211-532400 89.75 100-5141-532400 89.75 100-5300-532400 89.75
	TOTAL VENDOR MUKWONAGO ROTARY CLUB	269.25			
VENDOR NAME: NORTHERN LAKE SERVICE					
359312	DNR REQUIRED WPDES LAB TESTING	208.00	NORTHERN LAKE SERVICE	UTILITIES	620-8010-826000 208.00
359242	PHOSPHORUS STUDY LAB TESTING	192.00	NORTHERN LAKE SERVICE	UTILITIES	620-8010-826000 192.00
359830	WPDES REQUIRED LAB TESTING	208.00	NORTHERN LAKE SERVICE	UTILITIES	620-8010-826000 208.00
359831	WPDES REQUIRED LAB TESTING	208.00	NORTHERN LAKE SERVICE	UTILITIES	620-8010-826000 208.00
359740	WATER LAB TESTING	363.00	NORTHERN LAKE SERVICE	UTILITIES	610-6300-663200 363.00
360027	WPDES LAB TESTING	208.00	NORTHERN LAKE SERVICE	UTILITIES	620-8010-826000 208.00
	TOTAL VENDOR NORTHERN LAKE SERVICE	1,387.00			
VENDOR NAME: NORTHERN SEWER EQUIPMENT					
1624	INSTALLATION OF MAIN VALVE EXCERSIZER T	1,845.00	NORTHERN SEWER EQUIPM	UTILITIES	610-6451-665100 1,845.00
	TOTAL VENDOR NORTHERN SEWER EQUIPMENT	1,845.00			
VENDOR NAME: PETTY CASH					
05/10-06/10	PETTY CASH POSTAGE	39.12	PETTY CASH	POLICE	100-5211-531500 26.37 100-5212-534700 12.75
	TOTAL VENDOR PETTY CASH	39.12			
VENDOR NAME: PHANTOM WOODS LLC					
REFUND0719	UB REFUND FOR ACCOUNT: 6743 BECKMAN 111	102.65	PHANTOM WOODS LLC	ALLOCATE	610-0000-142000 102.65
	TOTAL VENDOR PHANTOM WOODS LLC	102.65			

CUSTOM INVOICE REPORT FOR MUKWONAGO
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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: POMPS TIRE SERVICE, INC					
60183277	3492 TIRE REPAIR	764.46	POMPS TIRE SERVICE, I	FIRE	150-5222-539500 764.46
60184910	SQUAD TIRES	518.04	POMPS TIRE SERVICE, I	POLICE	100-5212-539500 518.04
TOTAL VENDOR POMPS TIRE SERVICE, INC		1,282.50			
VENDOR NAME: PROVEN POWER INC					
02307977	JD TRACTOR PARTS	45.33	PROVEN POWER INC	DPW	100-5324-539500 45.33
02307794	ZERO TURN MOWER PARTS	79.54	PROVEN POWER INC	DPW	100-5324-539500 79.54
02307795	ZERO TURN MOWER PARTS	59.27	PROVEN POWER INC	DPW	100-5324-539500 59.27
TOTAL VENDOR PROVEN POWER INC		184.14			
VENDOR NAME: QUILL CORPORATION					
6605708	MISC. PARKS AND SHOP SUPPLIES	263.94	QUILL CORPORATION	DPW	100-5323-531100 59.99 100-5521-531100 203.95
TOTAL VENDOR QUILL CORPORATION		263.94			
VENDOR NAME: RAMS CONTRACTING, LTD					
PYMT7	TID #5 PHASE 2 - PAYMENT #7	14,092.50	RAMS CONTRACTING, LTD	FINANCE	250-5700-576300 14,092.50
TOTAL VENDOR RAMS CONTRACTING, LTD		14,092.50			
VENDOR NAME: RICOH USA, INC					
32100548	AUGUST 2019 LEASE PYMT	170.61	RICOH USA, INC	ALLOCATE	100-5142-531200 23.88 150-5221-531100 22.18 220-5140-531200 1.71 410-5363-531200 3.41 440-5511-531200 8.53 500-5344-531200 1.71 610-6920-693000 56.30 620-8400-856000 52.89
TOTAL VENDOR RICOH USA, INC		170.61			
VENDOR NAME: RUEKERT & MIELKE, INC.					
128050	12-00000.100 General Services	4,827.62	RUEKERT & MIELKE, INC	FINANCE	100-5335-521900 4,827.62
TOTAL VENDOR RUEKERT & MIELKE, INC.		4,827.62			
VENDOR NAME: SABEL MECHANICAL LLC					
19235.	DIGESTER WASTE GAS BURNER REHAB.	5,500.00	SABEL MECHANICAL LLC	UTILITIES	620-8010-833000 5,500.00
TOTAL VENDOR SABEL MECHANICAL LLC		5,500.00			
VENDOR NAME: SHRED-IT USA					
8127724613	SHREDDING SERVICES	63.80	SHRED-IT USA	CLERK	100-5142-521900 63.80
8127779524	MONTHLY SHREDDING SERVICE	61.26	SHRED-IT USA	POLICE	100-5211-539400 61.26
TOTAL VENDOR SHRED-IT USA		125.06			
VENDOR NAME: STATE OF WI SAFETY & PROF SERV					
506380	VILLAGE HALL ELEVATOR PERMIT	50.00	STATE OF WI	DPW	100-5160-521900 50.00

CUSTOM INVOICE REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 06/01/2019 - 08/07/2019
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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: STATE OF WI SAFETY & PROF SERV					
	TOTAL VENDOR STATE OF WI SAFETY & PROF SERV	50.00			
VENDOR NAME: TAUBERT JUDY					
6/20-7/18	MILEAGE	4.64	JUDY TAUBERT	CLERK	100-5142-533200 4.64
	TOTAL VENDOR TAUBERT JUDY	4.64			
VENDOR NAME: TERRACON CONSULTANTS					
TC27666	ENVIRONMENTAL FOR LYNCH 915 MAIN TID#4	5,559.70	TERRACON CONSULTANTS	ADMIN	240-5140-521900 5,559.70
	TOTAL VENDOR TERRACON CONSULTANTS	5,559.70			
VENDOR NAME: THE MASTERS TOUCH, LLC					
64339	MAILING OF CCR REPORTS	1,283.92	THE MASTERS TOUCH, LL	UTILITIES	610-6920-692300 1,283.92
P64339	CCR MAILING	1,105.23	THE MASTERS TOUCH, LL	UTILITIES	610-6920-692300 1,105.23
	TOTAL VENDOR THE MASTERS TOUCH, LLC	2,389.15			
VENDOR NAME: THE OSSEO CONSTRUCTION CO LLC					
PYMT6	I-43 TOWER PAINTING #6	111,102.50	THE OSSEO CONSTRUCTIO	FINANCE	610-6450-665000 111,102.50
	TOTAL VENDOR THE OSSEO CONSTRUCTION CO LLC	111,102.50			
VENDOR NAME: TRILOGY CONSULTING					
894	POTENTIAL TID 3 CLOSEOUT ISSUE	1,320.00	TRILOGY CONSULTING	FINANCE	100-5141-521900 1,320.00
	TOTAL VENDOR TRILOGY CONSULTING	1,320.00			
VENDOR NAME: TRIPLE CROWN PRODUCTS					
213165	SUMMER SAFETY SHIRTS	298.50	TRIPLE CROWN PRODUCTS	DPW	100-5323-534800 298.50
	TOTAL VENDOR TRIPLE CROWN PRODUCTS	298.50			
VENDOR NAME: UNIFI EQUIPMENT FINANCE, INC.					
516238	MONTHLY COPY MACHINE LEASE	83.33	UNIFI EQUIPMENT FINAN	POLICE	100-5211-521900 83.33
	TOTAL VENDOR UNIFI EQUIPMENT FINANCE, INC.	83.33			
VENDOR NAME: UW-GREEN BAY-GOVT					
20202	BOARD & STAFF 6-14-19 TRAINING	2,500.00	UW-GREEN BAY-GOVT	FINANCE	100-5141-533500 2,500.00
	TOTAL VENDOR UW-GREEN BAY-GOVT	2,500.00			
VENDOR NAME: VANGUARD COMPUTERS INC					
48539	COMPUTER FOR MUNICIPAL COURT	1,029.58	VANGUARD COMPUTERS IN	FINANCE	100-5120-522900 1,029.58
48407	DESKTOP COMPUTER	586.98	VANGUARD COMPUTERS IN	PLANNER	100-5632-531100 586.98
	TOTAL VENDOR VANGUARD COMPUTERS INC	1,616.56			
VENDOR NAME: VERIZON WIRELESS					
9834026268	IPADS FOR FIRE APPARATUS AND INSPECTION	1,734.74	VERIZON WIRELESS	FIRE	150-5880-580600 1,734.74

CUSTOM INVOICE REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 06/01/2019 - 08/07/2019
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INVOICE NUMBER	DESCRIPTION	AMOUNT	VENDOR NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: VERIZON WIRELESS					
9834026266	MONTHLY BILL	1,118.98	VERIZON WIRELESS	MULTIPLE	100-5141-522500 230.35 100-5241-522500 136.84 150-5221-522500 198.97 100-5211-522500 2.30 100-5323-522500 173.88 610-6920-692100 188.32 620-8400-851000 188.32
9834026267		335.56	VERIZON WIRELESS	MULTIPLE	150-5221-522500 116.22 100-5323-522500 56.10 610-6920-692100 81.62 620-8400-851000 81.62
TOTAL VENDOR VERIZON WIRELESS		3,189.28			
VENDOR NAME: VERMEER WISCONSIN INC.					
20221135	WOOD CHIPPER REPAIRS	409.78	VERMEER WISCONSIN INC	DPW	100-5324-539500 409.78
20220940	WOOD CHIPPER PARTS	65.93	VERMEER WISCONSIN INC	DPW	100-5324-539500 65.93
TOTAL VENDOR VERMEER WISCONSIN INC.		475.71			
VENDOR NAME: VILLAGE OF MUKWONAGO					
JUNE2019	WELL 5 IRON FILTRATION PLANT BUILDING P	352.00	VILLAGE OF MUKWONAGO	UTILITIES	610-6300-663200 352.00
TOTAL VENDOR VILLAGE OF MUKWONAGO		352.00			
VENDOR NAME: WAUKESHA COUNTY EMERGENCY					
211	ID CARDS	1.50	WAUKESHA COUNTY EMERG	FIRE	150-5222-531100 1.50
TOTAL VENDOR WAUKESHA COUNTY EMERGENCY		1.50			
VENDOR NAME: WAUKESHA CTY TREASURER					
00000117	JUNE PRISONER HOUSING (2 @ \$17.01 PER D	34.02	WAUKESHA CTY TREASURE	POLICE	100-5212-521900 34.02
00000131	3452 RADIO PROGRAMMING	80.46	WAUKESHA CTY TREASURE	FIRE	150-5231-531100 80.46
TOTAL VENDOR WAUKESHA CTY TREASURER		114.48			
VENDOR NAME: WI DEPT OF JUSTICE-TIME					
0000007029	3RD QUARTER PAYMENT FOR BADGERNET, TIME	2,202.00	WI DEPT OF JUSTICE-TI	POLICE	100-5211-521900 2,202.00
TOTAL VENDOR WI DEPT OF JUSTICE-TIME		2,202.00			
VENDOR NAME: WI RURAL WATER ASSOCIATION					
3782	SAFETY TRAINING CONFINED SPACE	527.95	WI RURAL WATER ASSOCI	UTILITIES	620-8400-854100 527.95
TOTAL VENDOR WI RURAL WATER ASSOCIATION		527.95			
VENDOR NAME: WISCONSIN ELEVATOR INSPECTION INC					
12804	ELEVATOR INSPECTION	95.00	WISCONSIN ELEVATOR IN	DPW	100-5160-521900 95.00
TOTAL VENDOR WISCONSIN ELEVATOR INSPECTION INC		95.00			
VENDOR NAME: WISCONSIN IMAGING					
AR36198	COPIER	22.92	WISCONSIN IMAGING	UTILITIES	610-6920-692100 22.92
AR36312	JULY COPY MACHINE COSTS (4120 B&W, 287	59.87	WISCONSIN IMAGING	POLICE	100-5211-521900 59.87

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CUSTOM INVOICE REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 06/01/2019 - 08/07/2019
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OPEN - CHECK TYPE: PAPER CHECK

INVOICE NUMBER	DESCRIPTION	VENDOR AMOUNT NAME	APPROVAL DEPARTMENT	DISTRIBUTIONS\AMOUNTS
VENDOR NAME: WISCONSIN IMAGING				
	TOTAL VENDOR WISCONSIN IMAGING	<u>82.79</u>		
GRAND TOTAL:		426,393.40		

Check Date	Bank	Check #	Payee	Description	GL #	Amount
07/02/2019	GEN	27778	SMITH JEFFREY	KOUTNIK J CIT DD8009V905	100-0000-233000	25.00
07/09/2019	GEN	27833	CLERK OF COURTS	ERIC P SCHWARTZ DOB 8/08/85	100-0000-233200	98.80
07/11/2019	GEN	22 (E)	PAYROLLDATA.COM	OTHER	100-5142-539900	137.22
		22 (E)		SUPPLIES	100-5235-531100	137.20
		22 (E)		OTHER	440-5511-539900	137.20
		22 (E)		MISC GENERAL EXPENSES	610-6920-693000	137.20
		22 (E)		MISC GENERAL EXPENSE	620-8400-856000	137.20
						686.02
07/11/2019	GEN	27834	VANTAGEPOINT TRANSFER AGENTS	DEFERRED COMPENSATION	100-0000-215250	2,973.04
		27834		DEFERRED COMPENSATION	440-0000-215250	444.64
		27834		DEFERRED COMPENSATION	610-0000-215250	204.40
		27834		DEFERRED COMPENSATION	620-0000-215250	268.66
						3,890.74
07/11/2019	GEN	27835	MINNESOTA LIFE INSURANCE	LIFE INSURANCE PAYABLE	100-0000-215301	1,306.59
		27835		LIFE INSURANCE PAYABLE	150-0000-215301	91.05
		27835		LIFE INSURANCE PAYABLE	440-0000-215301	181.95
		27835		LIFE INSURANCE PAYABLE	610-0000-215301	74.51
		27835		LIFE INSURANCE PAYABLE	620-0000-215301	71.00
						1,725.10
07/12/2019	GEN	21 (E)	GREAT WEST RETIREMENT SERVICES	DEFERRED COMPENSATION	100-0000-215250	521.00
		21 (E)		DEFERRED COMPENSATION	150-0000-215250	74.00
		21 (E)		DEFERRED COMPENSATION	610-0000-215250	100.00
		21 (E)		DEFERRED COMPENSATION	620-0000-215250	100.00
						795.00
07/17/2019	GEN	27836	VILLAGE OF MUKWONAGO	WATER-SEWER HALL	100-5160-522100	872.61
		27836		WATER-SEWER POLICE	100-5211-522100	554.04
		27836		WATER-SEWER DPW	100-5323-522100	929.33
		27836		WATER-SEWER MUSEUM	100-5512-522100	107.13
		27836		WATER-SEWER FIELD PARK PAVILLION	100-5521-522100	1,069.74
		27836		WATER-SEWER FIRE	150-5221-522100	801.98
		27836		WATER-SEWER LIBRARY	440-5511-522100	951.96
		27836		OPERATION SUPPLY/EXP-TREATMENT WELL	610-6300-663200	651.63
		27836		OPERATION SUPPLY/EXPENSE WWTP	620-8010-827000	5,922.72

Check Date	Bank	Check #	Payee	Description	GL #	Amount
						11,861.14
07/24/2019	GEN	23 (E)	WI DEPT OF REVENUE QTRLY TAX	OTHER	100-5160-539900	6.42
		23 (E)		OTHER	100-5521-539900	117.10
		23 (E)		OTHER	440-5511-539900	179.62
						303.14
07/24/2019	GEN	24 (E)	EMPLOYEE TRUST FUNDS	HEALTH INSURANCE PAYABLE	100-0000-215300	45,461.61
		24 (E)		HEALTH INSURANCE PAYABLE	150-0000-215300	10,700.05
		24 (E)		HEALTH INSURANCE PAYABLE	440-0000-215300	6,336.70
		24 (E)		HEALTH INSURANCE PAYABLE	500-0000-215300	28.48
		24 (E)		HEALTH INSURANCE PAYABLE	610-0000-215300	3,198.39
		24 (E)		HEALTH INSURANCE PAYABLE	620-0000-215300	4,971.87
						70,697.10
07/25/2019	GEN	27 (E)	PAYROLLDATA.COM	OTHER	100-5142-539900	81.58
		27 (E)		PROFESSIONAL SERVICES	150-5221-521900	81.57
		27 (E)		OTHER	440-5511-539900	81.57
		27 (E)		MISC GENERAL EXPENSES	610-6920-693000	81.57
		27 (E)		MISC GENERAL EXPENSE	620-8400-856000	81.57
						407.86
07/25/2019	GEN	27952	TYLER MAPLES	POLICE & COURT RECEIPTS	100-0000-233000	59.00
07/25/2019	GEN	27953	VANTAGEPOINT TRANSFER AGENTS	DEFERRED COMPENSATION	100-0000-215250	2,894.95
		27953		DEFERRED COMPENSATION	150-0000-215250	7.40
		27953		DEFERRED COMPENSATION	440-0000-215250	444.86
		27953		DEFERRED COMPENSATION	500-0000-215250	4.62
		27953		DEFERRED COMPENSATION	610-0000-215250	214.25
		27953		DEFERRED COMPENSATION	620-0000-215250	241.69
						3,807.77
07/25/2019	GEN	27954	AFLAC	SUPPLEMENTAL INSURANCE PAYABLE	100-0000-215302	353.91
		27954		SUPPLEMENTAL INSURANCE PAYABLE	150-0000-215302	250.75
		27954		SUPPLEMENTAL INSURANCE PAYABLE	610-0000-215302	50.74
		27954		SUPPLEMENTAL INSURANCE PAYABLE	620-0000-215302	50.76
						706.16
07/25/2019	GEN	27955	MUKWONAGO PROFESSIONAL POLICE	UNION DUES PAYABLE	100-0000-215500	520.00

Check Date	Bank	Check #	Payee	Description	GL #	Amount
07/25/2019	GEN	27956	MUKWONAGO PROFESSIONAL	UNION DUES PAYABLE	150-0000-215500	270.00
07/25/2019	GEN	27957	VILLAGE OF MUKWONAGO MRA	FLEXIBLE SPENDING CONTRIBUTION	100-0000-215350	1,570.67
		27957		FLEXIBLE SPENDING CONTRIBUTION	150-0000-215350	244.23
		27957		FLEXIBLE SPENDING CONTRIBUTION	440-0000-215350	70.45
						1,885.35
07/25/2019	GEN	27958	OAK CREEK PD	ASHLEY P SCHALOW-FERGUSON	100-0000-233200	197.60
07/25/2019	GEN	28 (E)	HASLER MAILING SOLUTIONS	POSTAGE	100-5142-531500	1,000.00
07/26/2019	GEN	25 (E)	GREAT WEST RETIREMENT SERVICES	DEFERRED COMPENSATION	100-0000-215250	521.00
		25 (E)		DEFERRED COMPENSATION	150-0000-215250	74.00
		25 (E)		DEFERRED COMPENSATION	610-0000-215250	100.00
		25 (E)		DEFERRED COMPENSATION	620-0000-215250	100.00
						795.00
07/30/2019	GEN	26 (E)	WI RETIREMENT SYSTEM	RETIREMENT	100-0000-215200	27,173.83
		26 (E)		RETIREMENT	150-0000-215200	6,781.10
		26 (E)		RETIREMENT	440-0000-215200	4,983.06
		26 (E)		RETIREMENT	500-0000-215200	3.66
		26 (E)		RETIREMENT	610-0000-215200	2,355.48
		26 (E)		RETIREMENT	620-0000-215200	1,780.36
						43,077.49
TOTAL - ALL FUNDS				TOTAL OF 20 CHECKS		142,808.27

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
07/15/2019 440-5511-531000 440-0000-211000	AP	D	61023 23057 OUTSIDE SERVICES VOUCHERS PAYABLE	FISH TANK CLEANING JUNE	85.00	85.00
					<u>85.00</u>	<u>85.00</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61024 2034608426 BOOKS VOUCHERS PAYABLE	BOOKS	13.98	13.98
					<u>13.98</u>	<u>13.98</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61025 2034608427 BOOKS VOUCHERS PAYABLE	BOOKS	8.93	8.93
					<u>8.93</u>	<u>8.93</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61026 2034608428 BOOKS VOUCHERS PAYABLE	BOOKS	3.14	3.14
					<u>3.14</u>	<u>3.14</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61027 2034608429 BOOKS VOUCHERS PAYABLE	BOOKS	34.13	34.13
					<u>34.13</u>	<u>34.13</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61028 2034608430 BOOKS VOUCHERS PAYABLE	BOOKS	22.30	22.30
					<u>22.30</u>	<u>22.30</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61029 2034608431 BOOKS VOUCHERS PAYABLE	BOOKS	444.86	444.86
					<u>444.86</u>	<u>444.86</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61030 2034608432 BOOKS VOUCHERS PAYABLE	BOOKS	15.65	15.65
					<u>15.65</u>	<u>15.65</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61031 2034614121 BOOKS VOUCHERS PAYABLE	BOOKS	9.51	9.51
					<u>9.51</u>	<u>9.51</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61032 2034614122 BOOKS VOUCHERS PAYABLE	BOOKS	1,046.04	1,046.04
					<u>1,046.04</u>	<u>1,046.04</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61033 2034611077 BOOKS VOUCHERS PAYABLE	BOOKS	713.34	713.34
					<u>713.34</u>	<u>713.34</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61034 2034631299 BOOKS VOUCHERS PAYABLE	BOOKS	9.51	9.51
					<u>9.51</u>	<u>9.51</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61035 2034631300 BOOKS VOUCHERS PAYABLE	BOOKS	44.74	44.74
					<u>44.74</u>	<u>44.74</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61036 2034631301 BOOKS VOUCHERS PAYABLE	BOOKS	9.51	9.51
					<u>9.51</u>	<u>9.51</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61037 2034631302 BOOKS VOUCHERS PAYABLE	BOOKS	15.11	15.11
					<u>15.11</u>	<u>15.11</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61038 2034631303 BOOKS VOUCHERS PAYABLE	BOOKS	30.22	30.22
					<u>30.22</u>	<u>30.22</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61039 2034631304 BOOKS VOUCHERS PAYABLE	BOOKS	169.88	169.88
					<u>169.88</u>	<u>169.88</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61040 2034639971 BOOKS VOUCHERS PAYABLE	BOOKS	478.56	478.56
					<u>478.56</u>	<u>478.56</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61041 2034639970 BOOKS VOUCHERS PAYABLE	BOOKS	11.19	11.19
					<u>11.19</u>	<u>11.19</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61042 2034639968 BOOKS VOUCHERS PAYABLE	BOOKS	7.54	7.54
					<u>7.54</u>	<u>7.54</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61043 2034639969 BOOKS VOUCHERS PAYABLE	BOOKS	12.59	12.59
					<u>12.59</u>	<u>12.59</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61044 2034639972 BOOKS VOUCHERS PAYABLE	BOOKS	13.85	13.85
					<u>13.85</u>	<u>13.85</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61045 2034646365 BOOKS VOUCHERS PAYABLE	BOOKS	23.51	23.51
					<u>23.51</u>	<u>23.51</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61046 2034646366 BOOKS VOUCHERS PAYABLE	BOOKS	460.20	460.20
					<u>460.20</u>	<u>460.20</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61047 2034648747 BOOKS VOUCHERS PAYABLE	BOOKS	5.03	5.03
					<u>5.03</u>	<u>5.03</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61048 2034648748 BOOKS VOUCHERS PAYABLE	BOOKS	313.76	313.76
					<u>313.76</u>	<u>313.76</u>
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61049 2034648749 BOOKS VOUCHERS PAYABLE	BOOKS	12.59	12.59
					<u>12.59</u>	<u>12.59</u>
07/15/2019 440-5700-532800 440-0000-211000	AP	D	61050 2034660712 BOOKS VOUCHERS PAYABLE	BOOKS	30.77	30.77
					<u>30.77</u>	<u>30.77</u>
07/15/2019 440-5700-532800 440-0000-211000	AP	D	61051 2034660713 BOOKS VOUCHERS PAYABLE	BOOKS	46.25	46.25
					<u>46.25</u>	<u>46.25</u>
07/15/2019 440-5700-532800 440-0000-211000	AP	D	61052 2034660714 BOOKS VOUCHERS PAYABLE	BOOKS	20.05	20.05
					<u>20.05</u>	<u>20.05</u>
07/15/2019 440-5700-532800 440-0000-211000	AP	D	61053 2034660715 BOOKS VOUCHERS PAYABLE	BOOKS	40.94	40.94
					<u>40.94</u>	<u>40.94</u>
07/15/2019 440-5511-531100 440-0000-211000	AP	D	61054 P15125802 SUPPLIES VOUCHERS PAYABLE	BATTERIES FOR ALARM	96.24	96.24
					<u>96.24</u>	<u>96.24</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61055 B5656221 BOOKS VOUCHERS PAYABLE	BOOKS	702.44	702.44
					<u>702.44</u>	<u>702.44</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61056 B5655369 BOOKS VOUCHERS PAYABLE	BOOKS	15.68	15.68
					<u>15.68</u>	<u>15.68</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61057 B5668981 BOOKS VOUCHERS PAYABLE	BOOKS	19.60	19.60
					<u>19.60</u>	<u>19.60</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61058 B5663447 BOOKS VOUCHERS PAYABLE	BOOKS	111.93	111.93
					<u>111.93</u>	<u>111.93</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61059 B5666602 BOOKS VOUCHERS PAYABLE	BOOKS	470.56	470.56
					<u>470.56</u>	<u>470.56</u>
07/15/2019 440-5700-532800 440-0000-211000	AP	D	61060 B5679601 BOOKS VOUCHERS PAYABLE	BOOKS	101.31	101.31
					<u>101.31</u>	<u>101.31</u>
07/15/2019 440-5511-533100 440-0000-211000	AP	D	61061 6720 PROGRAMMING VOUCHERS PAYABLE	ZUMBA CLASS 7-22 TO 8-19	100.00	100.00
					<u>100.00</u>	<u>100.00</u>
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61062 1698537 BOOKS VOUCHERS PAYABLE	BOOKS	87.63	87.63
					<u>87.63</u>	<u>87.63</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
07/10/2019 440-5700-532800 440-0000-211000	AP	D	61063 1704785 BOOKS VOUCHERS PAYABLE	BOOKS	31.15	31.15
					<u>31.15</u>	<u>31.15</u>
06/24/2019 440-5511-531100 440-0000-211000	AP	D	61064 47817 SUPPLIES VOUCHERS PAYABLE	WALK OFF MATS & DUSTERS	94.95	94.95
					<u>94.95</u>	<u>94.95</u>
07/05/2019 440-5511-531100 440-0000-211000	AP	D	61065 6637205 SUPPLIES VOUCHERS PAYABLE	BOOK CART	447.99	447.99
					<u>447.99</u>	<u>447.99</u>
07/15/2019 440-5511-533100 440-0000-211000	AP	D	61066 8119 PROGRAMMING VOUCHERS PAYABLE	BARBERSHOP QUARTET	200.00	200.00
					<u>200.00</u>	<u>200.00</u>
06/24/2019 440-5511-522000 440-0000-211000	AP	D	61067 INV-US-42805 CONTRACTUAL SERVICES VOUCHERS PAYABLE	ANNUAL MAINTENANCE	4,640.26	4,640.26
					<u>4,640.26</u>	<u>4,640.26</u>
07/15/2019 440-5511-532700 440-0000-211000	AP	D	61068 13110 NEWSPAPERS VOUCHERS PAYABLE	NEWSPAPER 7/31/19 TO 9/2/20	210.60	210.60
					<u>210.60</u>	<u>210.60</u>
07/05/2019 440-5890-580600 440-0000-211000	AP	D	61069 696952396-01 DONATED FUND EXPENDITURES VOUCHERS PAYABLE	SRP PRIZES	195.50	195.50
					<u>195.50</u>	<u>195.50</u>
07/15/2019 440-5890-580600 440-0000-211000	AP	D	61070 697062414-01 DONATED FUND EXPENDITURES VOUCHERS PAYABLE	SUMMER READING SUPPLIES	125.22	125.22
					<u>125.22</u>	<u>125.22</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
06/24/2019 440-5700-532800 440-0000-211000	AP	D	61071 67281260 BOOKS VOUCHERS PAYABLE	BOOKS	243.93	243.93
					<u>243.93</u>	<u>243.93</u>
07/05/2019 440-5700-532800 440-0000-211000	AP	D	61072 67354334 BOOKS VOUCHERS PAYABLE	BOOKS	24.00	24.00
					<u>24.00</u>	<u>24.00</u>
07/05/2019 440-5890-580600 440-5890-580600 440-0000-211000	AP	D	61073 1183 DONATED FUND EXPENDITURES DONATED FUND EXPENDITURES VOUCHERS PAYABLE	GEE FUNNY FARM PROGRAM	275.00 275.00	550.00
					<u>550.00</u>	<u>550.00</u>
07/10/2019 440-5890-580600 440-0000-211000	AP	D	61074 7312019 DONATED FUND EXPENDITURES VOUCHERS PAYABLE	JEANIE B SOLO	450.00	450.00
					<u>450.00</u>	<u>450.00</u>
07/10/2019 440-5890-580600 440-5890-580600 440-0000-211000	AP	D	61075 2019-234 DONATED FUND EXPENDITURES DONATED FUND EXPENDITURES VOUCHERS PAYABLE	BOUNCE HOUSE & SLIDE	362.50 362.50	725.00
					<u>725.00</u>	<u>725.00</u>
07/16/2019 440-5511-533200 440-0000-211000	AP	D	61076 JUNE MILEAGE VOUCHERS PAYABLE	MISC ERRANDS	47.56	47.56
					<u>47.56</u>	<u>47.56</u>
07/15/2019 440-5511-533100 440-0000-211000	AP	D	61077 8118 PROGRAMMING VOUCHERS PAYABLE	APOLLO 11 PROGRAM	325.00	325.00
					<u>325.00</u>	<u>325.00</u>
07/05/2019 440-5700-532900 440-0000-211000	AP	D	61078 97511190 AV MATERIAL VOUCHERS PAYABLE	CD BOOKS	34.99	34.99
					<u>34.99</u>	<u>34.99</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
07/05/2019 440-5700-532900 440-0000-211000	AP	D	61079 97570428 AV MATERIAL VOUCHERS PAYABLE	CD BOOKS	394.90	394.90
					<u>394.90</u>	<u>394.90</u>
07/05/2019 440-5700-532900 440-0000-211000	AP	D	61080 97597955 AV MATERIAL VOUCHERS PAYABLE	BOOKS	159.96	159.96
					<u>159.96</u>	<u>159.96</u>
07/15/2019 440-5700-532900 440-0000-211000	AP	D	61081 97624878 AV MATERIAL VOUCHERS PAYABLE	AUDIO BOOKS	44.99	44.99
					<u>44.99</u>	<u>44.99</u>
06/24/2019 440-5511-533100 440-0000-211000	AP	D	61082 72019 PROGRAMMING VOUCHERS PAYABLE	SHAKE, RATTLE & ROLL JULY	150.00	150.00
					<u>150.00</u>	<u>150.00</u>
07/05/2019 440-5511-531100 440-0000-211000	AP	D	61083 AR88067 SUPPLIES VOUCHERS PAYABLE	TONER	11.00	11.00
					<u>11.00</u>	<u>11.00</u>
07/15/2019 440-5511-531000 440-0000-211000	AP	D	61084 1905 OUTSIDE SERVICES VOUCHERS PAYABLE	GENERAL LANDSCAPING	1,001.25	1,001.25
					<u>1,001.25</u>	<u>1,001.25</u>
07/05/2019 440-5511-531100 440-0000-211000	AP	D	61085 8218752 SUPPLIES VOUCHERS PAYABLE	PAPER & RUBBER BANDS	55.59	55.59
					<u>55.59</u>	<u>55.59</u>
07/05/2019 440-5511-531000 440-0000-211000	AP	D	61086 5056964930 OUTSIDE SERVICES VOUCHERS PAYABLE	COPIES 3/26/19-6/25/19	541.29	541.29
					<u>541.29</u>	<u>541.29</u>

Post Date GL Number	Journal	Summ/Det	Ref # Description		DR Amount	CR Amount
07/15/2019 440-5511-531000 440-0000-211000	AP	D	61087 JULY OUTSIDE SERVICES VOUCHERS PAYABLE	RESTROOM CLEANING	600.00	600.00
					<u>600.00</u>	<u>600.00</u>
07/10/2019 440-5511-531000 440-0000-211000	AP	D	61088 556104 OUTSIDE SERVICES VOUCHERS PAYABLE	PLACEMENTS	8.95	8.95
					<u>8.95</u>	<u>8.95</u>
07/10/2019 440-5511-532700 440-0000-211000	AP	D	61089 4206789 NEWSPAPERS VOUCHERS PAYABLE	MONTHLY CHARGE	20.48	20.48
					<u>20.48</u>	<u>20.48</u>
06/24/2019 440-5511-534300 440-0000-211000	AP	D	61090 505-0000038460 DATA LINES VOUCHERS PAYABLE	TEACH SERVICES 1/1/19-6/30/19	600.00	600.00
					<u>600.00</u>	<u>600.00</u>
07/15/2019 440-5511-522000 440-0000-211000	AP	D	61091 12803 CONTRACTUAL SERVICES VOUCHERS PAYABLE	ANNUAL INSPECTION	95.00	95.00
					<u>95.00</u>	<u>95.00</u>
07/10/2019 440-5890-580600 440-0000-211000	AP	D	61092 8142019 DONATED FUND EXPENDITURES VOUCHERS PAYABLE	MINI ZOO	800.00	800.00
					<u>800.00</u>	<u>800.00</u>
					<u>18,687.63</u>	<u>18,687.63</u>

POST DATES 07/01/2019 - 07/31/2019

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CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 0960							
ZIMMERMANN ANGE							
35624	AMZN MKTP US*M62DD88A0 AM MICROPHONE & STAND 440-5890-580600	06/18/2019 rgallo	07/30/2019	593.99	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			593.99			
ZIMMERMANN ANGE							
35625	METRO 093-NAT AIRPRT N PARKING/ CONFERENCE 440-5511-533500	06/21/2019 rgallo	07/30/2019	16.75	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			16.75			
ZIMMERMANN ANGE							
35626	SQ *BLACK FOREST LL MEALS/ CONFERENCE 440-5511-533500	06/21/2019 rgallo	07/30/2019	11.00	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			11.00			
ZIMMERMANN ANGE							
35627	MARRIOTT MARQUISWASHDC MEALS/ CONFERENCE 440-5511-533500	06/22/2019 rgallo	07/30/2019	20.60	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			20.60			
ZIMMERMANN ANGE							
35628	AMK W E W CC PUBLIC FOODS MEAL/ CONFERENCE 440-5511-533500	06/22/2019 rgallo	07/30/2019	9.00	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			9.00			
ZIMMERMANN ANGE							
35629	AMAZON.COM*MH4D91421 AMZN BOOK 440-5700-532800	06/24/2019 rgallo	07/30/2019	21.58	0.00	Paid	Y 07/22/2019
	BOOKS			21.58			
ZIMMERMANN ANGE							
35630	CITY TAP 901 DC LLC MEAL/ CONFERENCE 440-5511-533500	06/24/2019 rgallo	07/30/2019	25.90	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			25.90			
ZIMMERMANN ANGE							
35631	MARRIOTT METRO CENTER HOTEL/ ALA CONFERENCE 440-5511-533500	06/25/2019 rgallo	07/30/2019	549.46	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			549.46			
ZIMMERMANN ANGE							
35632	AMAZON.COM*MH2NN2C30 AMZN BOOK 440-5700-532800	06/29/2019 rgallo	07/30/2019	24.99	0.00	Paid	Y 07/22/2019
	BOOKS			24.99			

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 User: rgallo
 DB: Mukwonago

INVOICE REGISTER REPORT FOR MUKWONAGO
 POST DATES 07/01/2019 - 07/31/2019
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 VENDOR CODE: MISCCC - CHECK TYPE: EFT
 CREDIT CARD TRANSACTIONS FOR BOARD
 SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 0960							
ZIMMERMANN ANGE 35633	WAL-MART #1678 SUMMER PROGRAM 440-5890-580600	06/30/2019 rgallo	07/30/2019	47.90	0.00	Paid	Y 07/22/2019
		DONATED FUND EXPENDITURES		47.90			
ZIMMERMANN ANGE 35634	AMZN MKTP US AMZN.COM/BIL CREDIT SUMMER PROGRAM 440-5890-580600	07/04/2019 rgallo	07/30/2019	(13.95)	0.00	Paid	Y 07/22/2019
		DONATED FUND EXPENDITURES		(13.95)			
ZIMMERMANN ANGE 35635	ADOBE *IL CREATIVE CLD ILLUSTRATOR 440-5511-534000	07/09/2019 rgallo	07/30/2019	22.06	0.00	Paid	Y 07/22/2019
		DIGITAL MATERIALS		22.06			
ZIMMERMANN ANGE 35636	AMZN MKTP US*MH9602QI1 DRONE 440-5511-531400	07/10/2019 rgallo	07/30/2019	177.00	0.00	Paid	Y 07/22/2019
		META SPACE EQUIPMENT & SUPPLIE		177.00			
Total PCard: 0002US BANK - Acct: 0960				1,506.28	0.00		

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User: rgallo

DB: Mukwonago

INVOICE REGISTER REPORT FOR MUKWONAGO

POST DATES 07/01/2019 - 07/31/2019

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VENDOR CODE: MISCCC - CHECK TYPE: EFT

CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date

GL Distribution

PCard: 0002US BANK - Acct: 1051

KINDER MATTHEW

35592	THE HOME DEPOT #4921	07/03/2019	07/30/2019	19.97	0.00	Paid	Y
	WEED KILLER	rgallo					07/22/2019
	620-8010-827000	OPERATION SUPPLY/EXPENSE		19.97			

Total PCard: 0002US BANK - Acct: 1051

19.97	0.00
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POST DATES 07/01/2019 - 07/31/2019

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VENDOR CODE: MISCCC - CHECK TYPE: EFT

CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 1275							
BROWN DAVID 35466	NORTHERN TOOL EQUIP PLATE COMPACTOR 610-6452-665200	06/19/2019 rgallo MAINTENANCE-SERVICES	07/30/2019	949.99 949.99	0.00	Paid	Y 07/22/2019
BROWN DAVID 35467	PICK N SAVE #384 DONUTS FOR SPONSORED SAFETY TRAINING 620-8400-854100	06/20/2019 rgallo EDUCATIONAL/TRAINING EXPENSES	07/30/2019	39.95 39.95	0.00	Paid	Y 07/22/2019
BROWN DAVID 35468	SIMPLE TIRE OTR GRASSMASTER 620-8010-827000	06/26/2019 rgallo OPERATION SUPPLY/EXPENSE	07/30/2019	143.40 143.40	0.00	Paid	Y 07/22/2019
BROWN DAVID 35469	THE HOME DEPOT #4921 WATER SERVICE CONCRETE REPAIR TOOLS 610-6452-665200	06/27/2019 rgallo MAINTENANCE-SERVICES	07/30/2019	132.38 132.38	0.00	Paid	Y 07/22/2019
BROWN DAVID 35470	THE HOME DEPOT #4921 DRAKE CRT WATER SERVICE REPAIR 610-6452-665200	07/09/2019 rgallo MAINTENANCE-SERVICES	07/30/2019	61.76 61.76	0.00	Paid	Y 07/22/2019
BROWN DAVID 35471	BUFFALO WILD WINGS 0156 EDUCATION CLASS LUNCH FOR DB WC 620-8400-854100	07/11/2019 rgallo EDUCATIONAL/TRAINING EXPENSES	07/30/2019	30.00 30.00	0.00	Paid	Y 07/22/2019
Total PCard: 0002US BANK - Acct: 1275				1,357.48	0.00		

POST DATES 07/01/2019 - 07/31/2019

JOURNALIZED PAID

VENDOR CODE: MISCCC - CHECK TYPE: EFT

CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35511	AMAZON.COM*M60MC77D1 DVDS 440-5700-532900	06/17/2019 rgallo	07/30/2019	181.78	0.00	Paid	Y 07/22/2019
	AV MATERIAL			181.78			
ISELY MARY JO 35512	AMZN MKTP US*M69M35HF0 DVDS 440-5700-532900	06/17/2019 rgallo	07/30/2019	96.76	0.00	Paid	Y 07/22/2019
	AV MATERIAL			96.76			
ISELY MARY JO 35513	AMZN DIGITAL*M65XW86M2 88 KINDLE 440-5700-532800	06/18/2019 rgallo	07/30/2019	9.45	0.00	Paid	Y 07/22/2019
	BOOKS			9.45			
ISELY MARY JO 35514	AMZN DIGITAL*M64EE7UB1 88 KINDLE 440-5700-532800	06/18/2019 rgallo	07/30/2019	6.30	0.00	Paid	Y 07/22/2019
	BOOKS			6.30			
ISELY MARY JO 35515	AMZN DIGITAL*M63AP6IZ1 88 KINDLE 440-5700-532800	06/18/2019 rgallo	07/30/2019	8.40	0.00	Paid	Y 07/22/2019
	BOOKS			8.40			
ISELY MARY JO 35516	AMZN DIGITAL*M638O26Y2 88 KINDLE 440-5700-532800	06/18/2019 rgallo	07/30/2019	9.97	0.00	Paid	Y 07/22/2019
	BOOKS			9.97			
ISELY MARY JO 35517	AMZN DIGITAL*M63YC1BZ0 88 KINDLE 440-5700-532800	06/18/2019 rgallo	07/30/2019	9.45	0.00	Paid	Y 07/22/2019
	BOOKS			9.45			
ISELY MARY JO 35518	KINDLE SVCS KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	(9.45)	0.00	Paid	Y 07/22/2019
	BOOKS			(9.45)			
ISELY MARY JO 35519	AMZN DIGITAL*M641Z36V2 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	9.45	0.00	Paid	Y 07/22/2019
	BOOKS			9.45			

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INVOICE REGISTER REPORT FOR MUKWONAGO
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CREDIT CARD TRANSACTIONS FOR BOARD
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35520	AMZN DIGITAL*M64W728R0 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	10.50 10.50	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35521	KINDLE SVCS*M62S348I0 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	9.45 9.45	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35522	AUDIBLE US*M67WQ9I61 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	9.45 9.45	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35523	AMZN DIGITAL*M67YR98G0 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	6.30 6.30	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35524	AMZN DIGITAL*M661C5DN2 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	3.14 3.14	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35525	AMZN DIGITAL*M66R88B80 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	11.55 11.55	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35526	AMZN DIGITAL*M65FX1UJ1 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	10.50 10.50	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35527	AMZN DIGITAL*M69AP8IK1 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	11.55 11.55	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35528	AMZN DIGITAL*M67481U21 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	8.40 8.40	0.00	Paid	Y 07/22/2019

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35529	AMZN DIGITAL*M649K8DG2 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	8.40 8.40	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35530	AMZN DIGITAL*M67UT3692 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	9.00 9.00	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35531	AMZN DIGITAL*M61R84BK0 KINDLE 440-5700-532800	06/19/2019 rgallo	07/30/2019	11.55 11.55	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35532	AMAZON.COM CREDIT DVD 440-5700-532900	06/19/2019 rgallo	07/30/2019	(0.03) (0.03)	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35533	AMZN MKTP US*M66IJ0I71 CASE 440-5511-531100	06/19/2019 rgallo	07/30/2019	51.96 51.96	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35534	AMAZON.COM*M648N8I61 DVD 440-5700-532900	06/19/2019 rgallo	07/30/2019	9.99 9.99	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35535	AMZN MKTP US*M61NQ88F0 CASE 440-5511-531100	06/19/2019 rgallo	07/30/2019	16.99 16.99	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35536	AMAZON.COM CREDIT DVD 440-5700-532900	06/20/2019 rgallo	07/30/2019	(1.66) (1.66)	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35537	AMAZON.COM CREDIT DVD 440-5700-532900	06/22/2019 rgallo	07/30/2019	(0.02) (0.02)	0.00	Paid	Y 07/22/2019

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35538	AMAZON.COM*MH6YS44N1 AMZN DVD 440-5700-532900	06/24/2019 rgallo	07/30/2019	25.89	0.00	Paid	Y 07/22/2019
	AV MATERIAL			25.89			
ISELY MARY JO 35539	AMZN DIGITAL*M612R7I22 88 KINDLE 440-5700-532800	06/24/2019 rgallo	07/30/2019	11.37	0.00	Paid	Y 07/22/2019
	BOOKS			11.37			
ISELY MARY JO 35540	AMZN DIGITAL*M618287V0 88 KINDLE 440-5700-532800	06/24/2019 rgallo	07/30/2019	6.71	0.00	Paid	Y 07/22/2019
	BOOKS			6.71			
ISELY MARY JO 35541	AMZN MKTP US*MH3RQ9471 DVD 440-5700-532900	06/24/2019 rgallo	07/30/2019	120.87	0.00	Paid	Y 07/22/2019
	AV MATERIAL			120.87			
ISELY MARY JO 35542	AMAZON.COM*M62T289T0 AMZN DVD 440-5700-532900	06/25/2019 rgallo	07/30/2019	72.55	0.00	Paid	Y 07/22/2019
	AV MATERIAL			72.55			
ISELY MARY JO 35543	KINDLE SVCS*M63NV3IA2 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	8.40	0.00	Paid	Y 07/22/2019
	BOOKS			8.40			
ISELY MARY JO 35544	KINDLE SVCS*M690J3940 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	10.44	0.00	Paid	Y 07/22/2019
	BOOKS			10.44			
ISELY MARY JO 35545	KINDLE SVCS*M62N48IQ2 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	11.55	0.00	Paid	Y 07/22/2019
	BOOKS			11.55			
ISELY MARY JO 35546	KINDLE SVCS*M66UX5RN2 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	9.45	0.00	Paid	Y 07/22/2019
	BOOKS			9.45			

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INVOICE REGISTER REPORT FOR MUKWONAGO
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 CREDIT CARD TRANSACTIONS FOR BOARD
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35547	KINDLE SVCS*MH3CG4L31 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	9.45 9.45	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35548	KINDLE SVCS*M62508RA2 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	12.59 12.59	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35549	KINDLE SVCS*M655R0RZ2 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	5.77 5.77	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35550	KINDLE SVCS*MH6GF2L01 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	5.24 5.24	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35551	KINDLE SVCS*MH4CN4LM1 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	11.55 11.55	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35552	KINDLE SVCS*MH5C04L71 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	13.57 13.57	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35553	AMZN MKTP US*M63R46900 CASE 440-5511-531100	06/25/2019 rgallo	07/30/2019	15.99 15.99	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35554	KINDLE SVCS*M63PS1920 KINDLE 440-5700-532800	06/25/2019 rgallo	07/30/2019	8.40 8.40	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35555	AMAZON.COM*MH89V5EK1 AMZN DVD 440-5700-532900	06/29/2019 rgallo	07/30/2019	39.92 39.92	0.00	Paid	Y 07/22/2019

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 CREDIT CARD TRANSACTIONS FOR BOARD
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35556	AMZN MKTP US*MH93M0L52 DVD 440-5700-532900	07/01/2019 rgallo	07/30/2019	16.78	0.00	Paid	Y 07/22/2019
	AV MATERIAL			16.78			
ISELY MARY JO 35557	NETFLIX.COM MONTHLY FEE 440-5511-534000	07/01/2019 rgallo	07/30/2019	15.99	0.00	Paid	Y 07/22/2019
	DIGITAL MATERIALS			15.99			
ISELY MARY JO 35558	AMZN DIGITAL CREDIT BOOKS 440-5700-532800	07/03/2019 rgallo	07/30/2019	(15.75)	0.00	Paid	Y 07/22/2019
	BOOKS			(15.75)			
ISELY MARY JO 35559	KINDLE SVCS CREDIT BOOKS 440-5700-532800	07/03/2019 rgallo	07/30/2019	(11.55)	0.00	Paid	Y 07/22/2019
	BOOKS			(11.55)			
ISELY MARY JO 35560	AMZN DIGITAL*MH7KE5ZG0 88 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	13.65	0.00	Paid	Y 07/22/2019
	BOOKS			13.65			
ISELY MARY JO 35561	AMZN DIGITAL*MH2BY7ND0 88 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75	0.00	Paid	Y 07/22/2019
	BOOKS			15.75			
ISELY MARY JO 35562	AMZN DIGITAL*MH0WA83R2 88 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	13.65	0.00	Paid	Y 07/22/2019
	BOOKS			13.65			
ISELY MARY JO 35563	AMZN DIGITAL*MH29H9XG1 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75	0.00	Paid	Y 07/22/2019
	BOOKS			15.75			
ISELY MARY JO 35564	AMZN DIGITAL*MH2Z74NQ0 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75	0.00	Paid	Y 07/22/2019
	BOOKS			15.75			

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 CREDIT CARD TRANSACTIONS FOR BOARD
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35565	KINDLE SVCS*MH5B10NS0 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	13.65	0.00	Paid	Y 07/22/2019
	BOOKS			13.65			
ISELY MARY JO 35566	AMZN DIGITAL*MH8B223Q2 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75	0.00	Paid	Y 07/22/2019
	BOOKS			15.75			
ISELY MARY JO 35567	KINDLE SVCS*MH8901X41 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	13.65	0.00	Paid	Y 07/22/2019
	BOOKS			13.65			
ISELY MARY JO 35568	KINDLE SVCS*MH9927XS1 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	13.65	0.00	Paid	Y 07/22/2019
	BOOKS			13.65			
ISELY MARY JO 35569	KINDLE SVCS*MH6515XW1 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	14.70	0.00	Paid	Y 07/22/2019
	BOOKS			14.70			
ISELY MARY JO 35570	AMZN DIGITAL*MH4BB9352 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75	0.00	Paid	Y 07/22/2019
	BOOKS			15.75			
ISELY MARY JO 35571	AMZN DIGITAL*MH0939X61 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75	0.00	Paid	Y 07/22/2019
	BOOKS			15.75			
ISELY MARY JO 35572	AMZN MKTP US*MH5TP3GJ1 DVDS 440-5700-532900	07/03/2019 rgallo	07/30/2019	167.08	0.00	Paid	Y 07/22/2019
	AV MATERIAL			167.08			
ISELY MARY JO 35573	AMZN MKTP US*MH1AN5362 DVD 440-5700-532900	07/03/2019 rgallo	07/30/2019	12.96	0.00	Paid	Y 07/22/2019
	AV MATERIAL			12.96			

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35574	KINDLE SVCS*MH56V2NJ0 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	11.55 11.55	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35575	AMZN DIGITAL*MH6AW0NL0 KINDLE 440-5700-532800	07/03/2019 rgallo	07/30/2019	15.75 15.75	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35576	AMZN MKTP US CREDIT CASE 440-5511-531100	07/04/2019 rgallo	07/30/2019	(18.99) (18.99)	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35577	AMZN MKTP US*MH7YR3EK2 DVD 440-5700-532900	07/06/2019 rgallo	07/30/2019	7.94 7.94	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35578	AMZN MKTP US*MH77R3M31 DVD 440-5700-532900	07/06/2019 rgallo	07/30/2019	12.99 12.99	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35579	ACORN TV MONTHLY MONTHLY CHARGE 440-5511-534000	07/08/2019 rgallo	07/30/2019	6.29 6.29	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35580	AMZN MKTP US*MH6U64BF1 DVDS 440-5700-532900	07/08/2019 rgallo	07/30/2019	191.38 191.38	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35581	AMZN DIGITAL*MH6WE0861 KINDLE 440-5700-532800	07/09/2019 rgallo	07/30/2019	15.75 15.75	0.00	Paid	Y 07/22/2019
ISELY MARY JO 35582	AMZN MKTP US CREDIT DVD 440-5700-532900	07/10/2019 rgallo	07/30/2019	(0.03) (0.03)	0.00	Paid	Y 07/22/2019

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 2365							
ISELY MARY JO 35583	AMAZON.COM*MH5JO4Q51 AMZN MEMORIAL BOOKS 440-5890-580600	07/11/2019 rgallo	07/30/2019	49.20	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			49.20			
ISELY MARY JO 35584	AMAZON.COM*MH2748GW0 AMZN BOOKS 440-5700-532800	07/11/2019 rgallo	07/30/2019	171.73	0.00	Paid	Y 07/22/2019
	BOOKS			171.73			
ISELY MARY JO 35585	AMZN MKTP US*MH3AL5HN2 DVD 440-5700-532900	07/11/2019 rgallo	07/30/2019	11.99	0.00	Paid	Y 07/22/2019
	AV MATERIAL			11.99			
ISELY MARY JO 35586	AMZN MKTP US CREDIT DVD 440-5700-532900	07/13/2019 rgallo	07/30/2019	(0.11)	0.00	Paid	Y 07/22/2019
	AV MATERIAL			(0.11)			
ISELY MARY JO 35587	AMZN MKTP US*MH4J76QH2 DVD 440-5700-532900	07/13/2019 rgallo	07/30/2019	17.96	0.00	Paid	Y 07/22/2019
	AV MATERIAL			17.96			
ISELY MARY JO 35588	AMAZON.COM*MH7GU4271 AMZN NINTENDO 440-5511-533000	07/14/2019 rgallo	07/30/2019	69.99	0.00	Paid	Y 07/22/2019
	THINGERY PURCHASES			69.99			
ISELY MARY JO 35589	AMAZON.COM*MH1RP0VI0 AMZN BOOK 440-5700-532800	07/14/2019 rgallo	07/30/2019	14.99	0.00	Paid	Y 07/22/2019
	BOOKS			14.99			
ISELY MARY JO 35590	AMZN MKTP US*MH14F46G2 DVD 440-5700-532900	07/14/2019 rgallo	07/30/2019	24.12	0.00	Paid	Y 07/22/2019
	AV MATERIAL			24.12			
ISELY MARY JO 35591	AMZN MKTP US*MH23A8DU2 DVDS 440-5700-532900	07/15/2019 rgallo	07/30/2019	332.09	0.00	Paid	Y 07/22/2019
	AV MATERIAL			332.09			
Total PCard: 0002US BANK - Acct: 2365				2,206.39	0.00		

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 2380							
WEIDL JOHN S 35615	THE BUSINESS JOURNALS BUSINESS JOURNAL ONLINE ARTICLE 100-5141-531100	06/17/2019 rgallo	07/30/2019	4.00	0.00	Paid	Y 07/22/2019
	SUPPLIES			4.00			
WEIDL JOHN S 35616	AMZN MKTP US*M68HX69P1 BOOK 100-5141-531100	06/18/2019 rgallo	07/30/2019	5.76	0.00	Paid	Y 07/22/2019
	SUPPLIES			5.76			
WEIDL JOHN S 35617	RADISSON HOTELS WCMA CONFERENCE - INTERN 100-5670-533500	06/21/2019 rgallo	07/30/2019	164.00	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			164.00			
WEIDL JOHN S 35618	PICK N SAVE #384 BREAKFAST WHEN BSNA HERE 100-5141-531100	06/28/2019 rgallo	07/30/2019	13.08	0.00	Paid	Y 07/22/2019
	SUPPLIES			13.08			
WEIDL JOHN S 35619	AMAZON.COM*MH1QW0F42 AMZN BOOK 100-5141-531100	06/29/2019 rgallo	07/30/2019	21.02	0.00	Paid	Y 07/22/2019
	SUPPLIES			21.02			
WEIDL JOHN S 35620	FORK IN THE ROAD PERFORMANCE STAGE - POTENTIAL 100-5670-533500	07/01/2019 rgallo	07/30/2019	50.54	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			50.54			
WEIDL JOHN S 35621	AMZN MKTP US*MH4LT2172 VILLAGE HALL/MEETING SNACKS 100-5141-531100	07/07/2019 rgallo	07/30/2019	87.82	0.00	Paid	Y 07/22/2019
	SUPPLIES			87.82			
WEIDL JOHN S 35622	TST* PIER 290 INDUSRTIAL PARK PROSPECT MEETING 100-5670-533500	07/10/2019 rgallo	07/30/2019	43.98	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			43.98			
WEIDL JOHN S 35623	SQ *ESPRESSO LOVE C COFFEE MEETING 100-5670-533500	07/10/2019 rgallo	07/30/2019	6.00	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			6.00			
Total PCard: 0002US BANK - Acct: 2380				396.20	0.00		

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 3861							
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TAUBERT JUDITH 35606	AMZN MKTP US*M65702YV2 MOUNTING BRACKET FOR SCREEN 100-5632-531100	06/26/2019 rgallo	07/30/2019	32.99	0.00	Paid	Y 07/22/2019
	SUPPLIES			32.99			
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TAUBERT JUDITH 35607	AMZN MKTP US*MH74Y6FD0 STORAGE BIN 100-5632-531100	07/01/2019 rgallo	07/30/2019	77.97	0.00	Paid	Y 07/22/2019
	SUPPLIES			77.97			
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TAUBERT JUDITH 35608	FORK IN THE ROAD LUNCH WITH NEW CLERK/DEPUTY 100-5142-533500	07/11/2019 rgallo	07/30/2019	55.72	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			55.72			
Total PCard: 0002US BANK - Acct: 3861				166.68	0.00		

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CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 4325							
WEGNER LEE 35609	HARBOR FREIGHT TOOLS 544 AIR HOSE REELS SHOP SUPPLIES 100-5323-531100 SUPPLIES	06/19/2019 rgallo	07/30/2019	119.98 119.98	0.00	Paid	Y 07/22/2019
WEGNER LEE 35610	PAYPAL *WAA BRENNEN FORESTRY CONFRENCE 100-5323-533500 TRAINING & TRAVEL	06/19/2019 rgallo	07/30/2019	130.00 130.00	0.00	Paid	Y 07/22/2019
WEGNER LEE 35611	SHERRILLTRE FORESTRY SUPPLIES 100-5611-531100 SUPPLIES	06/25/2019 rgallo	07/30/2019	382.92 382.92	0.00	Paid	Y 07/22/2019
WEGNER LEE 35612	THE GARDEN MART VH LANDSCAPING 100-5160-531100 SUPPLIES	06/25/2019 rgallo	07/30/2019	5.25 5.25	0.00	Paid	Y 07/22/2019
WEGNER LEE 35613	POOLWEBAQUATICTECH SWIM BOUEY FOR DAM 100-5521-531100 SUPPLIES	07/12/2019 rgallo	07/30/2019	95.00 95.00	0.00	Paid	Y 07/22/2019
WEGNER LEE 35614	ZORO TOOLS INC DOOR HINGES 100-5521-531100 SUPPLIES	07/13/2019 rgallo	07/30/2019	82.49 82.49	0.00	Paid	Y 07/22/2019
Total PCard: 0002US BANK - Acct: 4325				815.64	0.00		

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CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 4366							
DELIKAT CODY							
35476	THE HOME DEPOT #4921 TOOLS 620-8010-827000	06/20/2019 rgallo	07/30/2019	39.94	0.00	Paid	Y 07/22/2019
	OPERATION SUPPLY/EXPENSE			39.94			
DELIKAT CODY							
35477	USPS PO 5657100149 POSTAGE FLOURIDE SAMPLES 610-6300-663200	07/09/2019 rgallo	07/30/2019	3.66	0.00	Paid	Y 07/22/2019
	OPERATION SUPPLY/EXP-TREATMENT			3.66			
Total PCard: 0002US BANK - Acct: 4366				43.60	0.00		

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CREDIT CARD TRANSACTIONS FOR BOARD

SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 4746							
<hr/>							
SURA MATTHEW J 35604	AMZN MKTP US*M66E809I1 EMS SUPPLIES 150-5231-531100	06/18/2019 rgallo	07/30/2019	13.65	0.00	Paid	Y 07/22/2019
	SUPPLIES			13.65			
<hr/>							
SURA MATTHEW J 35605	THE HOME DEPOT #4921 DAY ROOM WALL REPAIR 150-5221-539500 150-5231-531100	07/10/2019 rgallo	07/30/2019	170.36	0.00	Paid	Y 07/22/2019
	REPAIRS & MAINTENANCE			155.48			
	SUPPLIES			14.88			
Total PCard: 0002US BANK - Acct: 4746				184.01	0.00		

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DB: Mukwonago

INVOICE REGISTER REPORT FOR MUKWONAGO

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date

PCard: 0002US BANK - Acct: 4952

HARLEY ROBERT J							
35510	ANTIGUA REAL	07/11/2019	07/30/2019	64.96	0.00	Paid	Y
	LUNCH WITH BS&A TRAINER	rgallo					07/22/2019
	100-5241-521900	PROFESSIONAL SERVICES		64.96			
Total PCard: 0002US BANK - Acct: 4952				<u>64.96</u>	<u>0.00</u>		

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 5538							
STREIT DANIEL							
35601	AMAZON.COM*M60296KQ2 AMZN 7 BATTERIES FOR DISPATCH DONGLES 100-5211-539500	06/21/2019 rgallo	07/30/2019	237.93	0.00	Paid	Y 07/22/2019
	REPAIRS & MAINTENANCE			237.93			
STREIT DANIEL							
35602	VISTAPR*VISTAPRINT.COM LT. CHRIS DEMOTTO'S UNIFORM 100-5211-534600	06/26/2019 rgallo	07/30/2019	35.72	0.00	Paid	Y 07/22/2019
	CLOTHING ALLOWANCE			35.72			
STREIT DANIEL							
35603	AMAZON.COM*MH36J88Y2 AMZN BROTHER POCKET JET THERMAL PRINTER 100-5212-539500	07/12/2019 rgallo	07/30/2019	332.99	0.00	Paid	Y 07/22/2019
	REPAIRS & MAINTENANCE			332.99			
Total PCard: 0002US BANK - Acct: 5538				606.64	0.00		

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date

PCard: 0002US BANK - Acct: 6347

GOURDOUX LINDA

35509	PARTY CITY 5141	06/30/2019	07/30/2019	8.43	0.00	Paid	Y
	JUDY RETIREMENT PARTY	rgallo					07/22/2019
	100-5141-539800	EMPLOYEE RECOGNITION		8.43			

Total PCard: 0002US BANK - Acct: 6347

8.43	0.00
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 6370							
STIEN JEFFREY R 35596	WM SUPERCENTER #1571 STATION SUPPLIES 150-5221-531100	06/17/2019 rgallo	07/30/2019	32.61	0.00	Paid	Y 07/22/2019
	SUPPLIES			32.61			
STIEN JEFFREY R 35597	SUBURPIA SILVERNAIL RD STIEN WEBEOC TRAINING 150-5221-533500	06/18/2019 rgallo	07/30/2019	7.96	0.00	Paid	Y 07/22/2019
	TRAINING & TRAVEL			7.96			
STIEN JEFFREY R 35598	PROMOTIONS NOW FIRE PREVENTION SUPPLIES 150-5221-531300	06/20/2019 rgallo	07/30/2019	994.03	0.00	Paid	Y 07/22/2019
	FIRE PREVENTION MATERIALS			994.03			
STIEN JEFFREY R 35599	2096 DOMINOS PIZZA LUNCH AFTER FLOOR COLLAPSE CALL 150-5222-531100	07/03/2019 rgallo	07/30/2019	39.89	0.00	Paid	Y 07/22/2019
	SUPPLIES			39.89			
STIEN JEFFREY R 35600	I/O SOLUTIONS, INC. ENTRY ONLINE EXAMS 150-5221-521900	07/08/2019 rgallo	07/30/2019	150.00	0.00	Paid	Y 07/22/2019
	PROFESSIONAL SERVICES			150.00			
Total PCard: 0002US BANK - Acct: 6370				1,224.49	0.00		

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 6639							
CASTLE WAYNE A							
35472	AWWA.ORG AWWA MEMBERSHIP FEES 610-6920-692300	06/22/2019 rgallo	07/30/2019	371.00	0.00	Paid	Y 07/22/2019
		OUTSIDE SERVICES EMPLOYED		371.00			
CASTLE WAYNE A							
35473	AWWA.ORG TRAINING MANUALS 610-6920-693000	06/23/2019 rgallo	07/30/2019	305.00	0.00	Paid	Y 07/22/2019
		MISC GENERAL EXPENSES		305.00			
CASTLE WAYNE A							
35474	BOARDERS INN & SUITES MOTEL FOR TRAINING 620-8400-854100	07/11/2019 rgallo	07/30/2019	82.00	0.00	Paid	Y 07/22/2019
		EDUCATIONAL/TRAINING EXPENSES		82.00			
CASTLE WAYNE A							
35475	BOARDERS INN & SUITES MOTEL FOR TRAINING 620-8400-854100	07/11/2019 rgallo	07/30/2019	82.00	0.00	Paid	Y 07/22/2019
		EDUCATIONAL/TRAINING EXPENSES		82.00			
Total PCard: 0002US BANK - Acct: 6639				840.00	0.00		

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date
PCard: 0002US BANK - Acct: 7403							
<hr/>							
SMITH JAMES A							
35595	WAL-MART #1571	06/19/2019	07/30/2019	17.91	0.00	Paid	Y
	OFFICE SUPPLIES	rgallo					07/22/2019
	610-6920-692100	OFFICE SUPPLIES & EXPENSES		17.91			
Total PCard: 0002US BANK - Acct: 7403				<u>17.91</u>	<u>0.00</u>		

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 7940							
FRISCH LAURA L 35478	WAL-MART #1571 PROGRAM SUPPLIES 440-5511-533100	06/18/2019 rgallo	07/30/2019	14.88	0.00	Paid	Y 07/22/2019
	PROGRAMMING			14.88			
FRISCH LAURA L 35479	THE HOME DEPOT #4921 PROGRAM SUPPLIES 440-5511-531400	06/18/2019 rgallo	07/30/2019	9.98	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			9.98			
FRISCH LAURA L 35480	AMZN MKTP US*M69KR0DO2 AM BATTERIES 440-5511-531400	06/19/2019 rgallo	07/30/2019	25.50	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			25.50			
FRISCH LAURA L 35481	AMZN MKTP US*M671G0S32 PLEXIGLASS 440-5511-531400	06/19/2019 rgallo	07/30/2019	51.30	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			51.30			
FRISCH LAURA L 35482	FACEBK *8RFEDK6Y82 AD 440-5890-580600	06/19/2019 rgallo	07/30/2019	165.08	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			165.08			
FRISCH LAURA L 35483	THE GARDEN MART MULCH CREDIT 440-5890-580600	06/19/2019 rgallo	07/30/2019	(357.34)	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			(357.34)			
FRISCH LAURA L 35484	THE GARDEN MART MULCH WRONG PRICE 440-5890-580600	06/19/2019 rgallo	07/30/2019	357.34	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			357.34			
FRISCH LAURA L 35485	THE GARDEN MART MULCH 440-5890-580600	06/19/2019 rgallo	07/30/2019	310.00	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			310.00			
FRISCH LAURA L 35486	D J*WALL-ST-JOURNAL NEWSPAPER SUBSCRIPTION 440-5511-532700	06/20/2019 rgallo	07/30/2019	113.97	0.00	Paid	Y 07/22/2019
	NEWSPAPERS			113.97			

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CREDIT CARD TRANSACTIONS FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 7940							
FRISCH LAURA L 35487	AMZN MKTP US*M66784RH1 AM TOOLBOX 440-5511-531400	06/20/2019 rgallo	07/30/2019	29.99	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			29.99			
FRISCH LAURA L 35488	WM SUPERCENTER #1571 PROGRAM SUPPLIES 440-5511-531400	06/20/2019 rgallo	07/30/2019	53.42	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			53.42			
FRISCH LAURA L 35489	THE HOME DEPOT #4921 ROCKS PROGRAM SUPPLIES 440-5511-531400	06/20/2019 rgallo	07/30/2019	9.98	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			9.98			
FRISCH LAURA L 35490	AMZN MKTP US*M672T7WX1 PLEXIGLASS 440-5511-531400	06/21/2019 rgallo	07/30/2019	50.39	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			50.39			
FRISCH LAURA L 35491	AMZN MKTP US AMZN.COM/BIL UMBRELLA CREDIT 440-5890-580600	06/23/2019 rgallo	07/30/2019	(30.55)	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			(30.55)			
FRISCH LAURA L 35492	AMZN MKTP US*MH0H77001 AM UMBRELLA 440-5890-580600	06/23/2019 rgallo	07/30/2019	30.75	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			30.75			
FRISCH LAURA L 35493	THE HOME DEPOT #4921 TARP 440-5890-580600	06/24/2019 rgallo	07/30/2019	29.96	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			29.96			
FRISCH LAURA L 35494	WM SUPERCENTER #1571 PROGRAM SUPPLIES 440-5511-531400	06/25/2019 rgallo	07/30/2019	33.19	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			33.19			
FRISCH LAURA L 35495	IMAGE SUPPLY LABEL PRINTER 440-5511-531100	06/25/2019 rgallo	07/30/2019	219.00	0.00	Paid	Y 07/22/2019
	SUPPLIES			219.00			

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
PCard: 0002US BANK - Acct: 7940							
FRISCH LAURA L 35496	PICK N SAVE #384 PROGRAMMING MEMORY CAFE 440-5511-533100	06/27/2019 rgallo PROGRAMMING	07/30/2019	25.14 25.14	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35497	ADOBE *ACROPRO SUBS ACROBAT 440-5511-534000	07/01/2019 rgallo DIGITAL MATERIALS	07/30/2019	15.75 15.75	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35498	AMAZON.COM*MH3967NYO AMZN LAMINATING POUCHES 440-5511-531400	07/03/2019 rgallo META SPACE EQUIPMENT & SUPPLIE	07/30/2019	67.53 67.53	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35499	WM SUPERCENTER #1571 PROGRAM SUPPLIES 440-5511-533100	07/03/2019 rgallo PROGRAMMING	07/30/2019	56.16 56.16	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35500	MAILCHIMP *MONTHLY JULY NEWSLETTER 440-5511-534000	07/08/2019 rgallo DIGITAL MATERIALS	07/30/2019	50.00 50.00	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35501	THE HOME DEPOT #4921 DOWEL 440-5511-531400	07/08/2019 rgallo META SPACE EQUIPMENT & SUPPLIE	07/30/2019	18.72 18.72	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35502	WAL-MART #1571 PROGRAM SUPPLIES 440-5511-533100	07/10/2019 rgallo PROGRAMMING	07/30/2019	181.15 181.15	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35503	AMZN MKTP US*MH2HF5HO2 SRP PRIZES 440-5890-580600	07/12/2019 rgallo DONATED FUND EXPENDITURES	07/30/2019	158.45 158.45	0.00	Paid	Y 07/22/2019
FRISCH LAURA L 35504	THE GARDEN MART MULCH 440-5890-580600	07/12/2019 rgallo DONATED FUND EXPENDITURES	07/30/2019	165.00 165.00	0.00	Paid	Y 07/22/2019

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 7940							
FRISCH LAURA L 35505	AMZN MKTP US*MH3HW2BE2 MARKERS 440-5511-531100	07/12/2019 rgallo	07/30/2019	11.97	0.00	Paid	Y 07/22/2019
	SUPPLIES			11.97			
FRISCH LAURA L 35506	WALMART.COM 8009666546 FOLDING TABLE 440-5511-531100	07/13/2019 rgallo	07/30/2019	73.84	0.00	Paid	Y 07/22/2019
	SUPPLIES			73.84			
FRISCH LAURA L 35507	AMZN MKTP US*MH4JY2SV1 PROPELLER 440-5511-531400	07/13/2019 rgallo	07/30/2019	86.28	0.00	Paid	Y 07/22/2019
	META SPACE EQUIPMENT & SUPPLIE			86.28			
FRISCH LAURA L 35508	AMZN MKTP US*MH0EB8S11 ESSENTIAL OILS 440-5890-580600	07/13/2019 rgallo	07/30/2019	6.99	0.00	Paid	Y 07/22/2019
	DONATED FUND EXPENDITURES			6.99			
Total PCard: 0002US BANK - Acct: 7940				2,033.82	0.00		

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
PCard: 0002US BANK - Acct: 8378							
SCHMIDT KEVIN B							
35593	STAPLS0175773961000001 TONER CARTRIDGE 100-5120-531100	06/26/2019 rgallo	07/30/2019	89.50	0.00	Paid	Y 07/22/2019
	SUPPLIES			89.50			
SCHMIDT KEVIN B							
35594	SEAWAY PRINTING COMPANY 2019 GREEN BAY PACKER CARDS 100-5212-531200	07/11/2019 rgallo	07/30/2019	440.00	0.00	Paid	Y 07/22/2019
	PRINTING			165.00			
	POLICE DONATED FUND EXPENDITURES			275.00			
Total PCard: 0002US BANK - Acct: 8378				529.50	0.00		
# of Invoices:	159	# Due:	0	Totals:	12,481.43	0.00	
# of Credit Memos:	12	# Due:	0	Totals:	(459.43)	0.00	
Net of Invoices and Credit Memos:				12,022.00	0.00		

--- TOTALS BY GL DISTRIBUTION ---

100-5120-531100	SUPPLIES	89.50
100-5141-531100	SUPPLIES	131.68
100-5141-539800	EMPLOYEE RECOGNITION	8.43
100-5142-533500	TRAINING & TRAVEL	55.72
100-5160-531100	SUPPLIES	5.25
100-5211-534600	CLOTHING ALLOWANCE	35.72
100-5211-539500	REPAIRS & MAINTENANCE	237.93
100-5212-531200	PRINTING	165.00
100-5212-539500	REPAIRS & MAINTENANCE	332.99
100-5241-521900	PROFESSIONAL SERVICES	64.96
100-5323-531100	SUPPLIES	119.98
100-5323-533500	TRAINING & TRAVEL	130.00
100-5521-531100	SUPPLIES	177.49
100-5611-531100	SUPPLIES	382.92
100-5632-531100	SUPPLIES	110.96
100-5670-533500	TRAINING & TRAVEL	264.52
150-5221-521900	PROFESSIONAL SERVICES	150.00
150-5221-531100	SUPPLIES	32.61
150-5221-531300	FIRE PREVENTION MATERIALS	994.03
150-5221-533500	TRAINING & TRAVEL	7.96
150-5221-539500	REPAIRS & MAINTENANCE	155.48
150-5222-531100	SUPPLIES	39.89
150-5231-531100	SUPPLIES	28.53
340-5890-580602	POLICE DONATED FUND EXPENDITURES	275.00

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	GL Distribution						
440-5511-531100	SUPPLIES			370.76			
440-5511-531400	META SPACE EQUIPMENT & SUPPLIE			613.28			
440-5511-532700	NEWSPAPERS			113.97			
440-5511-533000	THINGERY PURCHASES			69.99			
440-5511-533100	PROGRAMMING			277.33			
440-5511-533500	TRAINING & TRAVEL			632.71			
440-5511-534000	DIGITAL MATERIALS			110.09			
440-5700-532800	BOOKS			704.34			
440-5700-532900	AV MATERIAL			1,341.20			
440-5890-580600	DONATED FUND EXPENDITURES			1,512.82			
610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT			3.66			
610-6452-665200	MAINTENANCE-SERVICES			1,144.13			
610-6920-692100	OFFICE SUPPLIES & EXPENSES			17.91			
610-6920-692300	OUTSIDE SERVICES EMPLOYED			371.00			
610-6920-693000	MISC GENERAL EXPENSES			305.00			
620-8010-827000	OPERATION SUPPLY/EXPENSE			203.31			
620-8400-854100	EDUCATIONAL/TRAINING EXPENSES			233.95			

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INVOICE REGISTER REPORT FOR MUKWONAGO
POST DATES 07/01/2019 - 07/31/2019
JOURNALIZED PAID
VENDOR CODE: MISCCC - CHECK TYPE: EFT
CREDIT CARD TRANSACTIONS FOR BOARD
SORTED BY CARDHOLDER

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			2,313.05	0.00		
	150 - FIRE/AMBULANCE FUND			1,408.50	0.00		
	340 - VILLAGE DESIGNATED FUND			275.00	0.00		
	440 - LIBRARY FUND			5,746.49	0.00		
	610 - WATER UTILITY FUND			1,841.70	0.00		
	620 - SEWER UTILITY FUND			437.26	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5120 - MUNICIPAL COURT			89.50	0.00		
	5141 - VILLAGE ADMINISTRATION/FINA			140.11	0.00		
	5142 - CLERK-TREASURER			55.72	0.00		
	5160 - VILLAGE HALL			5.25	0.00		
	5211 - POLICE ADMINISTRATION			273.65	0.00		
	5212 - POLICE PATROL			497.99	0.00		
	5221 - FIRE ADMINISTRATION			1,340.08	0.00		
	5222 - FIRE SUPPRESSION			39.89	0.00		
	5231 - AMBULANCE			28.53	0.00		
	5241 - BUILDING INSPECTOR			64.96	0.00		
	5323 - GARAGE			249.98	0.00		
	5511 - LIBRARY SERVICES			2,188.13	0.00		
	5521 - PARKS			177.49	0.00		
	5611 - FORESTRY			382.92	0.00		
	5632 - PLANNING DEPARTMENT			110.96	0.00		
	5670 - ECONOMIC DEVELOPMENT			264.52	0.00		
	5700 - CAPITAL OUTLAY EXPENDITURES			2,045.54	0.00		
	5890 - USE OF DESIGNATED FUNDS			1,787.82	0.00		
	6300 - WATER TREATMENT OPERATIONS			3.66	0.00		
	6452 - T&D-SERVICES MAINTENANCE			1,144.13	0.00		
	6920 - ADMINISTRATIVE & GENERAL EX			693.91	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			203.31	0.00		
	8400 - ADMINISTRATIVE & GENERAL			233.95	0.00		
--- TOTALS BY PAYMENT CARD ACCOUNT ---							
	0960			1,506.28			
	1051			19.97			
	1275			1,357.48			
	2365			2,206.39			
	2380			396.20			
	3861			166.68			
	4325			815.64			

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INVOICE REGISTER REPORT FOR MUKWONAGO
POST DATES 07/01/2019 - 07/31/2019
JOURNALIZED PAID
VENDOR CODE: MISCCC - CHECK TYPE: EFT
CREDIT CARD TRANSACTIONS FOR BOARD
SORTED BY CARDHOLDER

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
---	TOTALS BY PAYMENT CARD ACCOUNT	---					
	4366			43.60			
	4746			184.01			
	4952			64.96			
	5538			606.64			
	6347			8.43			
	6370			1,224.49			
	6639			840.00			
	7403			17.91			
	7940			2,033.82			
	8378			529.50			

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INVOICE REGISTER REPORT FOR MUKWONAGO
 POST DATES 07/01/2019 - 07/31/2019
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 VENDOR CODE: 0034 - CHECK TYPE: EFT
 WE ENERGIES REPORT FOR BOARD

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
20190717 35706	WE ENERGIES 6819-119-729 Hall 100-5160-522200	07/17/2019 rgallo 6819-119-729 Hall	08/02/2019	620.22 620.22	0.00	Paid	Y 07/29/2019
20190717 35707	WE ENERGIES 6819-119-729 Hall Gas 100-5160-522400	07/17/2019 rgallo 6819-119-729 Hall Gas	08/02/2019	16.80 16.80	0.00	Paid	Y 07/29/2019
20190717 35708	WE ENERGIES 0437-358-622 Flashers 100-5211-522200	07/17/2019 rgallo 0437-358-622 Flashers	08/02/2019	9.73 9.73	0.00	Paid	Y 07/29/2019
20190717 35709	WE ENERGIES 5000-725-767 PD Tower meter #05662 100-5211-522200	07/17/2019 rgallo 5000-725-767 PD Tower meter #05662	08/02/2019	43.92 43.92	0.00	Paid	Y 07/29/2019
20190717 35710	WE ENERGIES 8818-483-919 Tower Radio Bldg 100-5211-522200	07/17/2019 rgallo 8818-483-919 Tower Radio Bldg	08/02/2019	20.42 20.42	0.00	Paid	Y 07/29/2019
20190717 35711	WE ENERGIES 7410-051-890 Police 100-5211-522200	07/17/2019 rgallo 7410-051-890 Police	08/02/2019	903.58 903.58	0.00	Paid	Y 07/29/2019
20190717 35712	WE ENERGIES 8011-380-768 Police Garage 100-5211-522200	07/17/2019 rgallo 8011-380-768 Police Garage	08/02/2019	57.22 57.22	0.00	Paid	Y 07/29/2019
20190717 35713	WE ENERGIES 7879-450-073 Mukw Dam 100-5254-522200	07/17/2019 rgallo 7879-450-073 Mukw Dam	08/02/2019	22.85 22.85	0.00	Paid	Y 07/29/2019
20190717 35714	WE ENERGIES 3893-949-966 DPW Elec 100-5323-522200	07/17/2019 rgallo 3893-949-966 DPW Elec	08/02/2019	295.17 295.17	0.00	Paid	Y 07/29/2019
20190717 35715	WE ENERGIES 3608-115-165 DPW Gas 100-5323-522400	07/17/2019 rgallo 3608-115-165 DPW Gas	08/02/2019	24.65 24.65	0.00	Paid	Y 07/29/2019

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INVOICE REGISTER REPORT FOR MUKWONAGO
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 WE ENERGIES REPORT FOR BOARD

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
20190717 35716	WE ENERGIES 5001-021-384 Street Lights 100-5342-522200	07/17/2019 rgallo	08/02/2019	10,937.11	0.00	Paid	Y 07/29/2019
	5001-021-384 Street Lights			10,937.11			
20190717 35717	WE ENERGIES 8808-380-714 Street Lights 100-5342-522200	07/17/2019 rgallo	08/02/2019	2,519.13	0.00	Paid	Y 07/29/2019
	8808-380-714 Street Lights			2,519.13			
20190717 35718	WE ENERGIES 1438-746-449 Street Lights 100-5342-522200	07/17/2019 rgallo	08/02/2019	47.56	0.00	Paid	Y 07/29/2019
	1438-746-449 Street Lights			47.56			
20190717 35719	WE ENERGIES 0647-211-550 School Crossing Lights 100-5342-522200	07/17/2019 rgallo	08/02/2019	15.99	0.00	Paid	Y 07/29/2019
	0647-211-550 School Crossing Lights			15.99			
20190717 35720	WE ENERGIES 0659-874-941 Museum 100-5512-522200	07/17/2019 rgallo	08/02/2019	84.11	0.00	Paid	Y 07/29/2019
	0659-874-941 Museum			84.11			
20190717 35721	WE ENERGIES 2405-680-633 Andrews St. 100-5521-522200	07/17/2019 rgallo	08/02/2019	103.66	0.00	Paid	Y 07/29/2019
	2405-680-633 Andrews St.			103.66			
20190717 35722	WE ENERGIES 8046-699-403 Field Park 100-5521-522200	07/17/2019 rgallo	08/02/2019	119.22	0.00	Paid	Y 07/29/2019
	8046-699-403 Field Park			119.22			
20190717 35723	WE ENERGIES 8658-233-953 Fld Prk Baseball Lights 100-5521-522200	07/17/2019 rgallo	08/02/2019	252.16	0.00	Paid	Y 07/29/2019
	8658-233-953 Fld Prk Baseball Lights			252.16			
20190717 35724	WE ENERGIES 6837-391-587 Parks 100-5521-522200	07/17/2019 rgallo	08/02/2019	39.10	0.00	Paid	Y 07/29/2019
	6837-391-587 Parks			39.10			
20190717 35725	WE ENERGIES 5864-823-491 Concession Building 100-5521-522200	07/17/2019 rgallo	08/02/2019	581.35	0.00	Paid	Y 07/29/2019
	5864-823-491 Concession Building			581.35			

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 WE ENERGIES REPORT FOR BOARD

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
20190717 35726	WE ENERGIES 2054-702-968 Parks 100-5521-522200	07/17/2019 rgallo	08/02/2019	0.00	0.00	Paid	Y 07/29/2019
	2054-702-968 Parks			0.00			
20190717 35727	WE ENERGIES 3277-621-318 F. Park Sump Pump 100-5521-522200	07/17/2019 rgallo	08/02/2019	17.72	0.00	Paid	Y 07/29/2019
	3277-621-318 F. Park Sump Pump			17.72			
20190717 35728	WE ENERGIES 1610-585-380 Parks 100-5521-522200	07/17/2019 rgallo	08/02/2019	131.26	0.00	Paid	Y 07/29/2019
	1610-585-380 Parks			131.26			
20190717 35729	WE ENERGIES 3051-426-864 Miniwaukan Pavillion 100-5521-522200	07/17/2019 rgallo	08/02/2019	15.71	0.00	Paid	Y 07/29/2019
	3051-426-864 Miniwaukan Pavillion			15.71			
20190717 35730	WE ENERGIES 6881-040-700 Miniwauken Park 100-5521-522200	07/17/2019 rgallo	08/02/2019	42.71	0.00	Paid	Y 07/29/2019
	6881-040-700 Miniwauken Park			42.71			
20190717 35731	WE ENERGIES 7698-426-664 Fire 150-5221-522200	07/17/2019 rgallo	08/02/2019	902.99	0.00	Paid	Y 07/29/2019
	7698-426-664 Fire			902.99			
20190717 35732	WE ENERGIES 9248-740-506 Library Elec 440-5511-522200	07/17/2019 rgallo	08/02/2019	2,553.17	0.00	Paid	Y 07/29/2019
	9248-740-506 Library Elec			2,553.17			
20190717 35733	WE ENERGIES 4843-559-306 Library Gas 440-5511-522400	07/17/2019 rgallo	08/02/2019	305.29	0.00	Paid	Y 07/29/2019
	4843-559-306 Library Gas			305.29			
20190717 35734	WE ENERGIES 9069-575-087 Well #3 Elec 610-6200-662200	07/17/2019 rgallo	08/02/2019	907.19	0.00	Paid	Y 07/29/2019
	9069-575-087 Well #3 Elec			907.19			
20190717 35735	WE ENERGIES 4400-457-029 Well #3 Gas 610-6200-662200	07/17/2019 rgallo	08/02/2019	20.03	0.00	Paid	Y 07/29/2019
	4400-457-029 Well #3 Gas			20.03			

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INVOICE REGISTER REPORT FOR MUKWONAGO
 POST DATES 07/01/2019 - 07/31/2019
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 WE ENERGIES REPORT FOR BOARD

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
20190717 35736	WE ENERGIES 2409-366-321 Well #4 Elec 610-6200-662200	07/17/2019 rgallo	08/02/2019	736.32	0.00	Paid	Y 07/29/2019
	2409-366-321 Well #4 Elec			736.32			
20190717 35737	WE ENERGIES 0465-443-270 Well #4 Gas 610-6200-662200	07/17/2019 rgallo	08/02/2019	14.62	0.00	Paid	Y 07/29/2019
	0465-443-270 Well #4 Gas			14.62			
20190717 35738	WE ENERGIES 0801-988-732 Well #5 610-6200-662200	07/17/2019 rgallo	08/02/2019	1,158.64	0.00	Paid	Y 07/29/2019
	0801-988-732 Well #5			1,158.64			
20190717 35739	WE ENERGIES 4607-813-092 Well #6 610-6200-662200	07/17/2019 rgallo	08/02/2019	590.49	0.00	Paid	Y 07/29/2019
	4607-813-092 Well #6			590.49			
20190717 35740	WE ENERGIES 3234-559-591 Well #7 610-6200-662200	07/17/2019 rgallo	08/02/2019	1,282.41	0.00	Paid	Y 07/29/2019
	3234-559-591 Well #7			1,282.41			
20190717 35741	WE ENERGIES 9291-834-028 Greenwald 610-6200-662200	07/17/2019 rgallo	08/02/2019	312.77	0.00	Paid	Y 07/29/2019
	9291-834-028 Greenwald			312.77			
20190717 35742	WE ENERGIES 8016-691-668 Booster Station 610-6200-662200	07/17/2019 rgallo	08/02/2019	576.55	0.00	Paid	Y 07/29/2019
	8016-691-668 Booster Station			576.55			
20190717 35743	WE ENERGIES 3068-463-180 Tower 610-6200-662200	07/17/2019 rgallo	08/02/2019	32.27	0.00	Paid	Y 07/29/2019
	3068-463-180 Tower			32.27			
20190717 35744	WE ENERGIES 7843-678-578 Atkinson Pump 620-8020-821000	07/17/2019 rgallo	08/02/2019	645.89	0.00	Paid	Y 07/29/2019
	7843-678-578 Atkinson Pump			645.89			
20190717 35745	WE ENERGIES 8238-765-652 Fox River View 620-8020-821000	07/17/2019 rgallo	08/02/2019	112.88	0.00	Paid	Y 07/29/2019
	8238-765-652 Fox River View			112.88			

POST DATES 07/01/2019 - 07/31/2019

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VENDOR CODE: 0034 - CHECK TYPE: EFT

WE ENERGIES REPORT FOR BOARD

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
20190717 35746	WE ENERGIES 6478-966-911 1224 Riverton 620-8020-821000	07/17/2019 rgallo	08/02/2019	76.48	0.00	Paid	Y 07/29/2019
		6478-966-911 1224 Riverton		76.48			
20190717 35747	WE ENERGIES 8051-462-203 1240 N. Rochester 620-8020-821000	07/17/2019 rgallo	08/02/2019	88.65	0.00	Paid	Y 07/29/2019
		8051-462-203 1240 N. Rochester		88.65			
20190717 35748	WE ENERGIES 7282-806-809 Holz Elec 620-8010-821100	07/17/2019 rgallo	08/02/2019	8,646.07	0.00	Paid	Y 07/29/2019
		7282-806-809 Holz Elec		8,646.07			
20190717 35749	WE ENERGIES 2404-776-809 Holz Gas 620-8010-821200	07/17/2019 rgallo	08/02/2019	12.75	0.00	Paid	Y 07/29/2019
		2404-776-809 Holz Gas		12.75			
20190717 35750	WE ENERGIES 9276-498-259 Digester Gas 620-8010-821200	07/17/2019 rgallo	08/02/2019	604.40	0.00	Paid	Y 07/29/2019
		9276-498-259 Digester Gas		604.40			
20190717 35751	WE ENERGIES 2008-500-143 100-5342-522200	07/17/2019 rgallo	08/02/2019	24.17	0.00	Paid	Y 07/29/2019
		2008-500-143		24.17			

INVOICE REGISTER REPORT FOR MUKWONAGO
 POST DATES 07/01/2019 - 07/31/2019
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 VENDOR CODE: 0034 - CHECK TYPE: EFT
 WE ENERGIES REPORT FOR BOARD

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
GL Distribution							
# of Invoices:	46	# Due:	0	Totals:	36,525.38	0.00	
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00	
Net of Invoices and Credit Memos:					<u>36,525.38</u>	<u>0.00</u>	

--- TOTALS BY GL DISTRIBUTION ---

100-5160-522200	ELECTRIC	620.22	
100-5160-522400	GAS	16.80	
100-5211-522200	ELECTRIC	1,034.87	
100-5254-522200	ELECTRIC	22.85	
100-5323-522200	ELECTRIC	295.17	
100-5323-522400	GAS	24.65	
100-5342-522200	ELECTRIC	13,543.96	
100-5512-522200	ELECTRIC	84.11	
100-5521-522200	ELECTRIC	1,302.89	
150-5221-522200	ELECTRIC	902.99	
440-5511-522200	ELECTRIC	2,553.17	
440-5511-522400	GAS	305.29	
610-6200-662200	FUEL OR POWER PURCHASED	5,631.29	
620-8010-821100	WWTP ELECTRIC POWER	8,646.07	
620-8010-821200	NAT GAS/ADMIN BLDG/HEAT EXCH	617.15	
620-8020-821000	PUMPING POWER & FUEL	923.90	

--- TOTALS BY FUND ---

100 - GENERAL FUND	16,945.52	0.00
150 - FIRE/AMBULANCE FUND	902.99	0.00
440 - LIBRARY FUND	2,858.46	0.00
610 - WATER UTILITY FUND	5,631.29	0.00
620 - SEWER UTILITY FUND	10,187.12	0.00

--- TOTALS BY DEPT/ACTIVITY ---

5160 - VILLAGE HALL	637.02	0.00
5211 - POLICE ADMINISTRATION	1,034.87	0.00
5221 - FIRE ADMINISTRATION	902.99	0.00
5254 - DAMS	22.85	0.00
5323 - GARAGE	319.82	0.00
5342 - STREET LIGHTING	13,543.96	0.00
5511 - LIBRARY SERVICES	2,858.46	0.00
5512 - MUSEUM	84.11	0.00
5521 - PARKS	1,302.89	0.00
6200 - PUMPING OPERATIONS	5,631.29	0.00
8010 - WWTP-TREATMENT/DISPOSAL/GP	9,263.22	0.00
8020 - LIFT STATIONS/PUMPING EQUIP	923.90	0.00

Post Date	Journal	Description	GL Number	GL Description	DR Amount	CR Amount
07/09/2019	CD	TIME WARNER CABLE	Check: GEN 19 (E)			
AP Trx #: 57337						
		Check: GEN 19	100-0000-111000	TREASURERS CASH @ CITIZI		1,464.52
		Check: GEN 19	100-0000-211000	VOUCHERS PAYABLE	1,464.52	
		Check: GEN 19	150-0000-111000	TREASURERS CASH @ CITIZI		795.94
		Check: GEN 19	150-0000-211000	VOUCHERS PAYABLE	795.94	
		Check: GEN 19	220-0000-111000	TREASURERS CASH @ CITIZI		2.52
		Check: GEN 19	220-0000-211000	VOUCHERS PAYABLE	2.52	
		Check: GEN 19	410-0000-111000	TREASURERS CASH @ CITIZI		5.04
		Check: GEN 19	410-0000-211000	VOUCHERS PAYABLE	5.04	
		Check: GEN 19	440-0000-111000	TREASURERS CASH @ CITIZI		585.44
		Check: GEN 19	440-0000-211000	VOUCHERS PAYABLE	585.44	
		Check: GEN 19	500-0000-111000	TREASURERS CASH @ CITIZI		2.52
		Check: GEN 19	500-0000-211000	VOUCHERS PAYABLE	2.52	
		Check: GEN 19	610-0000-111000	TREASURERS CASH @ CITIZI		42.84
		Check: GEN 19	610-0000-211000	VOUCHERS PAYABLE	42.84	
		Check: GEN 19	620-0000-111000	TREASURERS CASH @ CITIZI		42.85
		Check: GEN 19	620-0000-211000	VOUCHERS PAYABLE	42.85	
					<u>2,941.67</u>	<u>2,941.67</u>
07/09/2019	CD	TIME WARNER CABLE	Check: GEN 20 (E)			
AP Trx #: 57338						
		Check: GEN 20	100-0000-111000	TREASURERS CASH @ CITIZI		1,485.54
		Check: GEN 20	100-0000-211000	VOUCHERS PAYABLE	1,485.54	
		Check: GEN 20	150-0000-111000	TREASURERS CASH @ CITIZI		806.86
		Check: GEN 20	150-0000-211000	VOUCHERS PAYABLE	806.86	
		Check: GEN 20	220-0000-111000	TREASURERS CASH @ CITIZI		2.58
		Check: GEN 20	220-0000-211000	VOUCHERS PAYABLE	2.58	
		Check: GEN 20	410-0000-111000	TREASURERS CASH @ CITIZI		5.17
		Check: GEN 20	410-0000-211000	VOUCHERS PAYABLE	5.17	
		Check: GEN 20	440-0000-111000	TREASURERS CASH @ CITIZI		594.17
		Check: GEN 20	440-0000-211000	VOUCHERS PAYABLE	594.17	
		Check: GEN 20	500-0000-111000	TREASURERS CASH @ CITIZI		2.58
		Check: GEN 20	500-0000-211000	VOUCHERS PAYABLE	2.58	
		Check: GEN 20	610-0000-111000	TREASURERS CASH @ CITIZI		43.95
		Check: GEN 20	610-0000-211000	VOUCHERS PAYABLE	43.95	
		Check: GEN 20	620-0000-111000	TREASURERS CASH @ CITIZI		43.94
		Check: GEN 20	620-0000-211000	VOUCHERS PAYABLE	43.94	
					<u>2,984.79</u>	<u>2,984.79</u>
					<u>5,926.46</u>	<u>5,926.46</u>
TOTALS:		TREASURERS CASH @ CITIZENS	100-0000-111000			2,950.06
		VOUCHERS PAYABLE	100-0000-211000		2,950.06	
		TREASURERS CASH @ CITIZENS	150-0000-111000			1,602.80
		VOUCHERS PAYABLE	150-0000-211000		1,602.80	

Post Date	Journal	Description	GL Number	GL Description	DR Amount	CR Amount
		TREASURERS CASH @ CITIZENS	220-0000-111000			5.10
		VOUCHERS PAYABLE	220-0000-211000		5.10	
		TREASURERS CASH @ CITIZENS	410-0000-111000			10.21
		VOUCHERS PAYABLE	410-0000-211000		10.21	
		TREASURERS CASH @ CITIZENS	440-0000-111000			1,179.61
		VOUCHERS PAYABLE	440-0000-211000		1,179.61	
		TREASURERS CASH @ CITIZENS	500-0000-111000			5.10
		VOUCHERS PAYABLE	500-0000-211000		5.10	
		TREASURERS CASH @ CITIZENS	610-0000-111000			86.79
		VOUCHERS PAYABLE	610-0000-211000		86.79	
		TREASURERS CASH @ CITIZENS	620-0000-111000			86.79
		VOUCHERS PAYABLE	620-0000-211000		86.79	
		GRAND TOTAL:			5,926.46	5,926.46

TREASURERS REPORT	Jun-19	TOTAL	Citizens	Other	Tax Receipts @ ADM	LGIP	Long Term Investments - Johnson Bank & ADM
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GENERAL VILLAGE

100-111xxx	General Fund	2,373,274.94	1,036,684.88	300.00		303,508.56	1,032,781.50
100-111005/020/033	Checking/MRA/Accrued Sick	1,184,644.95		786,385.95		291,332.86	106,926.14
150-111000	Fire Department	236,277.30	236,277.30				
200-110xxx	Lynch & Chapman Blvd	(169,383.92)	(169,383.92)			-	
210-111xxx	Wisc Development - RLF	209,360.62					209,360.62
220-111xxx	TID#3-General	1,331,071.25	138,056.54			830,718.62	362,296.09
240-111xxx	TID#4-General	102,759.26	48,729.97			54,029.29	
250-111xxx	TID#5-General	3,187,292.36	136,059.64			3,051,232.72	
300-111xxx	Debt Service	1,889,760.03	536,683.26		-	1,353,076.77	
320-111000	Fire Department Designated	207,923.13	103,167.54			104,755.59	
340-111xxx	Village Designated Funds	176,128.38	130,063.63			46,064.75	
410-111000	Recycling	218,477.89	180,097.30			38,380.59	
430-111000	Capital Equipment	331,308.16	126,427.05			204,881.11	
440-111xxx	Library	381,150.07	371,130.16	-		10,019.91	
480-111xxx	Capital Improvement Funds	3,125,856.93	29,528.44			3,093,915.80	2,412.69
500-111000	Stormwater District #1	44,656.15	44,656.15			-	
600-111xxx	Impact Fees	221,424.28	82,929.15			138,495.13	-
720-111xxx	Taxroll	343,788.20	85,178.18	-	-	258,610.02	
810-111xxx	Parkland Site	254,077.22	21,007.11			233,070.11	
TOTAL		15,649,847.20	3,137,292.38	786,685.95	-	10,012,091.83	1,713,777.04

WATER UTILITY

610-111000	Cash	22,735.35	22,735.35				
610-111200	Bonds & Unrestricted Cash	1,668,234.54				1,668,234.54	
610-111400	Long Term Debt	61,807.67					61,807.67
610-111050	Current Year Debt Reserve	311,448.27	262,428.20			49,020.07	
610-111060	Required Debt Reserve	615,925.68	-			174,502.59	441,423.09
610-111080	Impact Fee	628,533.64	214,364.25			414,169.39	
610-111033	Accrued Sick Pay	4,226.73					4,226.73
TOTAL		3,312,911.88	499,527.80	-	-	2,305,926.59	507,457.49

SEWER UTILITY

620-111000	Cash	20,151.86	20,151.86				
620-111200	Bonds & Unrestricted Cash	639,015.72				639,015.72	
620-111030	Reserve Capacity Assessment	1,209,303.69	155,941.75			504,793.96	548,567.98
620-111060	Required Debt Reserve	723,848.95	-			-	723,848.95
620-111050	Current Year Debt Reserve	309,969.56	263,598.36			46,371.20	
620-111070	Equipment Replacement Fund	714,738.28	-			-	714,738.28
620-111080	Impact Fee	553,565.23	79,478.72			474,086.51	
620-111033	Accrued Sick Pay	4,212.90				4,212.90	-
TOTAL		4,174,806.19	519,170.69	-	-	1,668,480.29	1,987,155.21

GRAND TOTAL	23,137,565.27	4,155,990.87	786,685.95	-	13,986,498.71	4,208,389.74
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Prepared by Diana Doherty

balance check

23,137,565.27

PERIOD ENDING 06/30/2019

GL NUMBER	DESCRIPTION	2019 AMENDED BUDGET	YTD BALANCE 06/30/2019	AVAILABLE BALANCE	% BDGT USED
Fund 100 - GENERAL FUND					
Revenues					
OTHERREV	OTHER REVENUES	22,685.00	10,970.96	11,714.04	48.36
PTAX	GENERAL PROPERTY TAX	2,604,077.00	2,233,379.78	370,697.22	85.76
UNCLASSIFIED	Unclassified	72,646.00	0.00	72,646.00	0.00
TAXES	OTHER TAXES	383,090.00	193,624.80	189,465.20	50.54
IGOVTV	INTERGOVERNMENTAL REVENUES	778,785.00	269,340.48	509,444.52	34.58
LICPER	LICENSES & PERMITS	331,257.00	284,794.97	46,462.03	85.97
LAWORD	FINES & FORFEITURES	156,000.00	111,428.69	44,571.31	71.43
PUBCHGS	PUBLIC CHARGES FOR SERVICES	29,810.00	17,071.88	12,738.12	57.27
LEISURE	LEISURE ACTIVITIES	94,940.00	25,112.85	69,827.15	26.45
IGOVTV	INTERGOVERNMENTAL CHARGES	203,526.00	54,157.55	149,368.45	26.61
INVTINC	INVESTMENT INCOME	48,000.00	68,906.07	(20,906.07)	143.55
TOTAL REVENUES		4,724,816.00	3,268,788.03	1,456,027.97	69.18
Expenditures					
5111	VILLAGE BOARD	54,829.00	34,369.50	20,459.50	62.68
5112	HISTORIC PRESERVATION	400.00	153.73	246.27	38.43
5120	MUNICIPAL COURT	43,727.00	23,333.14	20,393.86	53.36
5130	VILLAGE ATTORNEY	78,780.00	38,348.00	40,432.00	48.68
5141	VILLAGE ADMINISTRATION/FINANCE	202,999.00	51,401.10	151,597.90	25.32
5142	CLERK-TREASURER	202,128.00	92,302.10	109,825.90	45.67
5144	ELECTIONS	22,800.00	3,078.32	19,721.68	13.50
5151	INDEPENDENT AUDITING	13,000.00	11,606.17	1,393.83	89.28
5153	ASSESSMENT OF PROPERTY	19,850.00	6,989.15	12,860.85	35.21
5154	RISK & PROPERTY INSURANCE	132,800.00	64,070.54	68,729.46	48.25
5160	VILLAGE HALL	42,324.00	18,240.65	24,083.35	43.10
5191	UNCOLLECTED TAX	0.00	5,797.27	(5,797.27)	100.00
5211	POLICE ADMINISTRATION	1,024,557.00	505,561.59	518,995.41	49.34
5212	POLICE PATROL	1,067,043.00	461,440.70	605,602.30	43.24
5213	CRIME INVESTIGATION	231,577.00	109,551.52	122,025.48	47.31
5215	POLICE TRAINING	7,100.00	3,724.00	3,376.00	52.45
5220	FIRE STATION (VILLAGE)	5,803.00	4,592.73	1,210.27	79.14
5235	EMERGENCY GOVERNMENT	2,350.00	0.00	2,350.00	0.00
5241	BUILDING INSPECTOR	231,025.00	101,838.84	129,186.16	44.08
5247	BOARD OF APPEALS	800.00	0.00	800.00	0.00
5254	DAMS	9,942.00	3,264.16	6,677.84	32.83
5300	DPW GENERAL ADMINISTRATION	312,951.00	128,672.69	184,278.31	41.12
5323	GARAGE	51,509.00	26,251.26	25,257.74	50.96
5324	MACHINERY & EQUIPMENT	96,031.00	41,800.66	54,230.34	43.53
5335	ENGINEERING	50,000.00	20,538.07	29,461.93	41.08
5341	STREETS & ALLEYS	14,465.00	4,627.40	9,837.60	31.99
5342	STREET LIGHTING	159,800.00	81,810.67	77,989.33	51.20
5343	CURBS GUTTERS & SIDEWALKS	25,550.00	106.23	25,443.77	0.42
5344	STORM SEWER	14,257.00	7,568.65	6,688.35	53.09
5345	STREET CLEANING	16,915.00	3,028.03	13,886.97	17.90
5346	BRIDGES & CULVERTS	5,455.00	21.78	5,433.22	0.40
5347	SNOW & ICE CONTROL	117,083.00	83,267.31	33,815.69	71.12
5348	STREET SIGNS & MARKINGS	14,574.00	3,422.22	11,151.78	23.48
5362	GARBAGE COLLECTION	5,081.00	1,454.23	3,626.77	28.62
5431	ANIMAL POUND	2,800.00	2,690.00	110.00	96.07
5512	MUSEUM	10,700.00	3,135.11	7,564.89	29.30
5521	PARKS	167,790.00	65,824.21	101,965.79	39.23
5522	CELEBRATIONS	6,882.00	3,286.21	3,595.79	47.75
5611	FORESTRY	46,600.00	12,717.21	33,882.79	27.29
5613	WEED CONTROL	1,427.00	252.00	1,175.00	17.66
5632	PLANNING DEPARTMENT	138,186.00	30,369.68	107,816.32	21.98
5660	STORMWATER MASTER PLAN	13,000.00	5,208.97	7,791.03	40.07
5670	ECONOMIC DEVELOPMENT	59,926.00	23,468.51	36,457.49	39.16
5700	CAPITAL OUTLAY EXPENDITURES	0.00	3,909.82	(3,909.82)	100.00
TOTAL EXPENDITURES		4,724,816.00	2,093,094.13	2,631,721.87	44.30
Fund 100 - GENERAL FUND:					
TOTAL REVENUES		4,724,816.00	3,268,788.03	1,456,027.97	69.18
TOTAL EXPENDITURES		4,724,816.00	2,093,094.13	2,631,721.87	44.30
NET OF REVENUES & EXPENDITURES		0.00	1,175,693.90	(1,175,693.90)	100.00

PERIOD ENDING 06/30/2019

GL NUMBER	DESCRIPTION	2019 AMENDED BUDGET	YTD BALANCE 06/30/2019	AVAILABLE BALANCE	% BDGT USED
Fund 150 - FIRE/AMBULANCE FUND					
Revenues					
OTHERREV	OTHER REVENUES	0.00	11,950.00	(11,950.00)	100.00
PTAX	GENERAL PROPERTY TAX	218,484.00	136,921.09	81,562.91	62.67
UNCLASSIFIED	Unclassified	20,000.00	20,298.25	(298.25)	101.49
EBIX	EBIX REVENUES	962,346.00	416,899.17	545,446.83	43.32
IGOVTRV	INTERGOVERNMENTAL REVENUES	6,000.00	1,716.63	4,283.37	28.61
PUBCHGS	PUBLIC CHARGES FOR SERVICES	7,050.00	1,059.00	5,991.00	15.02
IGOVTC	INTERGOVERNMENTAL CHARGES	218,484.00	91,835.00	126,649.00	42.03
INVTINC	INVESTMENT INCOME	700.00	1,024.25	(324.25)	146.32
TOTAL REVENUES		1,433,064.00	681,703.39	751,360.61	47.57
Expenditures					
5140	ADMINISTRATIVE & GENERAL	25,827.00	13,252.27	12,574.73	51.31
5221	FIRE ADMINISTRATION	855,623.00	415,862.11	439,760.89	48.60
5222	FIRE SUPPRESSION	67,798.00	19,337.76	48,460.24	28.52
5223	FIRE TRAINING	44,631.00	15,043.94	29,587.06	33.71
5231	AMBULANCE	349,915.00	176,701.65	173,213.35	50.50
5232	AMBULANCE TRAINING	20,724.00	4,428.52	16,295.48	21.37
5700	CAPITAL OUTLAY EXPENDITURES	36,000.00	12,826.96	23,173.04	35.63
5880	USE OF GRANTS/DONATIONS	0.00	1,121.80	(1,121.80)	100.00
5900	OTHER FINANCING USES	32,546.00	0.00	32,546.00	0.00
TOTAL EXPENDITURES		1,433,064.00	658,575.01	774,488.99	45.96
Fund 150 - FIRE/AMBULANCE FUND:					
TOTAL REVENUES		1,433,064.00	681,703.39	751,360.61	47.57
TOTAL EXPENDITURES		1,433,064.00	658,575.01	774,488.99	45.96
NET OF REVENUES & EXPENDITURES		0.00	23,128.38	(23,128.38)	100.00

PERIOD ENDING 06/30/2019

GL NUMBER	DESCRIPTION	2019 AMENDED BUDGET	YTD BALANCE 06/30/2019	AVAILABLE BALANCE	% BDGT USED
Fund 610 - WATER UTILITY FUND					
Revenues					
OTHERREV	OTHER REVENUES	133,100.00	120,717.56	12,382.44	90.70
UTILREV	UTILITY REVENUES	1,924,185.00	933,983.76	990,201.24	48.54
IMPACT	IMPACT FEES	50,000.00	213,555.68	(163,555.68)	427.11
IGOVTC	INTERGOVERNMENTAL CHARGES	1,500.00	(86.32)	1,586.32	(5.75)
INVTINC	INVESTMENT INCOME	22,300.00	42,898.57	(20,598.57)	192.37
TOTAL REVENUES		2,131,085.00	1,311,069.25	820,015.75	61.52
Expenditures					
5140	ADMINISTRATIVE & GENERAL	200.00	145.72	54.28	72.86
5900	OTHER FINANCING USES	22,324.00	0.00	22,324.00	0.00
6200	PUMPING OPERATIONS	104,250.00	57,317.89	46,932.11	54.98
6210	PUMPING MAINTENANCE	237,604.00	37,675.76	199,928.24	15.86
6300	WATER TREATMENT OPERATIONS	68,398.00	32,337.76	36,060.24	47.28
6310	WATER TREATMENT MAINTENANCE	7,267.00	5,782.07	1,484.93	79.57
6450	T&D-DISTR RSRVR/STNDP MAINT	307,079.00	256,681.42	50,397.58	83.59
6451	T&D-MAINS MAINTENANCE	46,979.00	31,333.18	15,645.82	66.70
6452	T&D-SERVICES MAINTENANCE	22,165.00	15,603.83	6,561.17	70.40
6453	T&D-METERS MAINTENANCE	21,649.00	2,304.06	19,344.94	10.64
6454	T&D-HYDRANTS MAINTENANCE	22,110.00	11,301.84	10,808.16	51.12
6901	METER READING LABOR	1,894.00	1,867.77	26.23	98.62
6902	ACCOUNTING & COLLECTING LABOR	71,953.00	36,466.29	35,486.71	50.68
6920	ADMINISTRATIVE & GENERAL EXP	799,659.00	496,444.49	303,214.51	62.08
6950	YEAR END ACCOUNTING ADJUSTMENT	397,554.00	0.00	397,554.00	0.00
TOTAL EXPENDITURES		2,131,085.00	985,262.08	1,145,822.92	46.23
Fund 610 - WATER UTILITY FUND:					
TOTAL REVENUES		2,131,085.00	1,311,069.25	820,015.75	61.52
TOTAL EXPENDITURES		2,131,085.00	985,262.08	1,145,822.92	46.23
NET OF REVENUES & EXPENDITURES		0.00	325,807.17	(325,807.17)	100.00

PERIOD ENDING 06/30/2019

GL NUMBER	DESCRIPTION	2019 AMENDED BUDGET	YTD BALANCE 06/30/2019	AVAILABLE BALANCE	% BDGT USED
Fund 620 - SEWER UTILITY FUND					
Revenues					
OTHERREV	OTHER REVENUES	200,000.00	61,333.00	138,667.00	30.67
UNCLASSIFIED	Unclassified	10,000.00	0.00	10,000.00	0.00
UTILREV	UTILITY REVENUES	1,482,600.00	770,327.02	712,272.98	51.96
IMPACT	IMPACT FEES	160,000.00	233,173.06	(73,173.06)	145.73
LICPER	LICENSES & PERMITS	700.00	0.00	700.00	0.00
INVSTINC	INVESTMENT INCOME	46,025.00	51,411.34	(5,386.34)	111.70
TOTAL REVENUES		1,899,325.00	1,116,244.42	783,080.58	58.77
Expenditures					
5140	ADMINISTRATIVE & GENERAL	120.00	72.52	47.48	60.43
5900	OTHER FINANCING USES	1,684.00	0.00	1,684.00	0.00
8010	WWTP-TREATMENT/DISPOSAL/GP	431,871.00	312,506.95	119,364.05	72.36
8020	LIFT STATIONS/PUMPING EQUIP	20,662.00	24,390.82	(3,728.82)	118.05
8030	WASTEWATER COLLECTION SYSTEM	162,395.00	9,151.82	153,243.18	5.64
8100	DPW	3,167.00	0.00	3,167.00	0.00
8300	ACCOUNTING/COLLECTING	73,953.00	36,613.97	37,339.03	49.51
8400	ADMINISTRATIVE & GENERAL	494,330.00	305,068.19	189,261.81	61.71
8900	YEAR END ACCOUNTING ADJUSTMENT	711,143.00	0.00	711,143.00	0.00
TOTAL EXPENDITURES		1,899,325.00	687,804.27	1,211,520.73	36.21
Fund 620 - SEWER UTILITY FUND:					
TOTAL REVENUES		1,899,325.00	1,116,244.42	783,080.58	58.77
TOTAL EXPENDITURES		1,899,325.00	687,804.27	1,211,520.73	36.21
NET OF REVENUES & EXPENDITURES		0.00	428,440.15	(428,440.15)	100.00
TOTAL REVENUES - ALL FUNDS					
		10,188,290.00	6,377,805.09	3,810,484.91	62.60
TOTAL EXPENDITURES - ALL FUNDS					
		10,188,290.00	4,424,735.49	5,763,554.51	43.43
NET OF REVENUES & EXPENDITURES		0.00	1,953,069.60	(1,953,069.60)	100.00



Committee/Board:	Health and Recreation Committee
Topic:	Parks Impact Fee
From:	Ron Bittner
Department:	Public Works
Presenter:	Ron Bittner
Date of Committee Action (if required):	8/7/19
Date of Village Board Action (if required):	

Information

Subject: Park impact fee study.

Background Information/Rationale: Park impact fees can be used as a mechanism for funding capital improvements in the Village’s park system.

Fiscal Impact (If any): An estimate will be available at the time of the meeting.

Requested Action by Committee/Board: We are seeking guidance on a park impact fee study.

Attachments



Committee/Board:	Health and Recreation Committee
Topic:	Play Structure Comments
From:	Ron Bittner
Department:	Public Works
Presenter:	Ron Bittner
Date of Committee Action (if required):	August 7th, 2019
Date of Village Board Action (if required):	

Information

Subject: Play structure replacement and new installations were identified in the Villages CORP for park improvements.

Background Information/Rationale: The structure at Field Park is 19 years old and the sand is not ADA compliant. A wood structure was removed from Minors Park and Miniwaukans current structure will be repurposed to that location. A larger play structure will be installed near the open air pavilion at Miniwaukan. A new structure will be installed at Indian Head Beach

Key Issues for Consideration: Designs boards from Lee Recreation and Boland Recreation will be available prior to the COtW meeting. Board members are requested to provide comments on structure designs.

Fiscal Impact (If any): N/A

Requested Action by Committee/Board: We are requesting board member comments be returned to the DPW by August 12th.

Attachments



Committee/Board:	Judicial Committee
Topic:	Possible Addition to Section 34-32 Municipal Code & discussion of proposed new ordinance regarding property maintenance on COtW Agenda
From:	Roger Walsh/Judicial Chair
Department:	
Presenter:	Roger Walsh
Date of Committee Action (if required):	
Date of Village Board Action (if required):	

Information

Subject: Proposed Property Maintenance Ordinance Chapter 34, section 34-32 of the Municipal Code additions, (Public Nuisances affecting Peace & Safety. Proposed new ordinance discussed at July 2, 2019 COtW. (See July 2nd e-packet)

Background Information/Rationale: Review of previously presented information at July 2, 2019 COtW. Summary of responses from Village President, Winchowky, Village Trustee Decker, Administrator John Weidl, Police Chief Kevin Schmidt, Public Works Director, Ron Bittner, Fire Chief Jeff Stien, Supervisor of Inspections Bob Harley, & Village Attorney Mark Blum by Roger Walsh

Key Issues for Consideration: Clarify and improve administration of Chapter 34 Municipal Code, Property Maintenance. Discussion of creating future Community Service liaison position. 5 proposed additions to Section 34-32. Evaluate need for new ordinance 965.

Fiscal Impact (if any): To be determined. Minimal or no fiscal impact short term. Possible future budgeting for part-time personnel hours.

Requested Action by Committee/Board: Direction from Judicial Committee for Administration, Departments to collaborate on improving complaint process. Direction from Judicial Committee to proceed drafting additions to existing Ordinance, section 34-32. Possible direction on Administration, Departments, and Village Attorney collaborating on drafting new ordinance.

Attachments

Agenda Item Request Form from Chief Kevin Schmidt and Atty. Mark Blum. Atty Blums letter to Chief Schmidt dated June 18, 2019. Atty. Blum's Draft Ordinance 965, section #34-33.



Village of Mukwonago

AGENDA ITEM REQUEST FORM

Committee/Board: Judicial Committee
Topic: Guidance on new ordinance regarding property maintenance and addition to section 34-32 of the Municipal Code
From: Chief Kevin Schmidt/Atty. Mark Blum
Department: Police Department/Village Attorney
Presenter: Chief Kevin Schmidt
Date of Committee Action (if required): July 2, 2019
Date of Village Board Action (if required):

Information

Subject: Possible new ordinance on property maintenance and possible addition to section 34-32 of the Municipal Code

Background Information/Rationale: Village Trustee Decker brought up a possible ordinance dealing with the maintenance of residences in the Village. Atty. Blum and I have had discussions on the topic and came up with a possible ordinance. In his review of the Municipal Code, Atty. Blum is questioning if the Village Board would like some additions to Section 34-32, **Public nuisances affecting peace and safety**. Currently, there are 17 items listed under this section. Atty. Blum is looking for input from the Judicial Committee as to whether 5 more items should be added under this section. The 5 items are listed in Attorney Blum's letter dated June 18, 2019.

Key Issues for Consideration: I believe this ordinance makes it easier to enforce, spelling out the various hazards. When complaints are received, conditions of deterioration or inadequate maintenance could be checked out by the Building Inspections department. Any possible fire hazards would be checked out by the Fire Department. If they feel a violation is taking place, the Police Department would send a violation letter to the owner, giving them time to make repairs or clean up violations.

Fiscal Impact (If any): It will be more work for departments, however, I don't anticipate a large amount of complaints.

Requested Action by Committee/Board: Direction from the Judicial Committee as to whether the committee would like us to continue to work on this possible ordinance. Also, direction as to whether the committee would like additions to section #34-32.

Attachments

Attorney Blum's draft ordinance #34-33 and letter to Chief Schmidt dated June 18, 2019

MAIL: MGBLUM@HRBLAWFIRM.COM

June 18, 2019

Via Email (kschmidt@mkpd.org) ONLY

Chief Kevin B. Schmidt
Village of Mukwonago Police Department
627 S. Rochester St.
Mukwonago, WI 53149

Re: Ordinance Regarding Property Maintenance

Dear Kevin:

I am writing to follow up on our conversation regarding property maintenance standards. I had previously sent you and John copies of the Ordinance which I am familiar with in the Village of Pewaukee that establish property maintenance minimums. As we discussed, these are primarily nuisance-based regulations and while the Village has some standards regarding prohibiting nuisances, there are general maintenance standards which are not included in our Ordinance. It is my understanding there is a desire on the part of the Village Board to see such standards incorporated into our Code and therefore, towards that end, I have drafted the attached Ordinance for your consideration.

However, in drafting the Ordinance, I did go through Section 34-32 of our Code, which enumerates public nuisances affecting peace and safety. As a result of my review of that Section, I am questioning whether we may want to add to that list by possibly inserting the following:

1. Grading that allows or causes water to accumulate.
2. Steps, walks, driveways, parking spaces, private roads and similar paved areas that are not maintained so as to afford safe passage under normal use and weather conditions. (I believe this language would speak to the concern that the Village President expressed regarding a private road between STH 83 and Marshview Drive.)
3. Heavy undergrowth and accumulations of plant growth that are noxious or detrimental to health.
4. Equipment or materials stored in a manner that detracts from or has a devaluing effect upon surrounding properties, including dirt piles, brush, weeds, broken glass, stumps, garbage, trash and debris.
5. Dead trees, limbs or other natural growth that, for reason or rotting or deteriorating conditions, or storm damage, constitute a hazard.

Please look this over and let me know if you would like to see an Ordinance drafted to incorporate any of the foregoing. Perhaps this could be brought before the Board to receive their comments regarding these issues before we finalize the Ordinance to be brought forward.

Chief Kevin B. Schmidt
Village of Mukwonago Police Department
June 25, 2019
Page | 2

Thank you for your consideration of these matters.

Sincerely,

HIPPENMEYER, REILLY, BLUM,
SCHMITZER, FABIAN & ENGLISH, S.C.

Mark G. Blum
Village Attorney

MGB/jb
Enc.

Cc: Mr. John Weidl

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 965

**ORDINANCE TO CREATE SECTION 34-33
OF THE VILLAGE OF MUKWONAGO MUNICIPAL CODE
REGARDING THE MAINTENANCE OF BUILDINGS AND STRUCTURES**

SECTION I

Section 34-33 of the Municipal Code of the Village of Mukwonago is hereby created to read as follows:

34-33. Maintenance of Buildings and Structures.

The exterior of the premises and the exterior of all structures on the premises shall be maintained so the appearance of the premises and the structures on the premises shall not constitute or contribute to blight.

The exterior of every building and accessory structure shall be maintained in good repair, free of broken glass, loose shingles, crumbling stone or brick, peeling paint, loose boards, or other conditions detrimental to health and/or safety and free of conditions reflecting deterioration or inadequate maintenance to the end that the property itself may be preserved, safety and fire hazards eliminated, and adjoining properties protected from blighting influences.

Exterior wood surfaces of buildings and structures that are not inherently resistant to deterioration shall be periodically treated with a protective coating of paint, stain or other suitable preservative.

It shall be the duty of any person owning or controlling any vacant lot and/or any premises and the building or structures on the premises, to maintain the exterior of such premises in a reasonably clean or orderly manner, and to a standard conforming to other premises in that area. It shall be violation of this Section to neglect the condition or appearance of any premises so as to permit it to accumulate trash, rubbish and/or refuse and litter, or to permit grass and/or weeds exceeding 12" in height to grow on the property.

SECTION II

All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinance are hereby to that extent repealed.

SECTION III

The several sections of this Ordinance shall be considered severable. If any section shall be considered by a court of competent jurisdiction to be invalid, such decision shall not affect the validity of the other portions of the Ordinance.

SECTION IV

This Ordinance shall take effect upon passage and publication as approved by law, and the Village Clerk shall so amend the Code of Ordinances of the Village of Mukwonago, and shall indicate the date and number of this amending ordinance therein.

PASSED AND ADOPTED by the Village Board this _____ day of _____, 2019.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Judith A. Taubert, Village Clerk/Treasurer



Committee/Board:	Utilities Committee
Topic:	Mukwonago Adaptive Management Plan
From:	Mark Van Weelden – Ruekert & Mielke, Inc; David Brown – Utility Director
Department:	Wastewater Utility
Presenter:	Mark Van Weelden – Ruekert & Mielke, Inc; David Brown – Utility Director
Date of Committee Action (if required):	August 7, 2019
Date of Village Board Action (if required):	August 21, 2019

Information

Subject: Adaptive Management Program related to phosphorus compliance for the Mukwonago Wastewater Treatment Facility (WWTF).

Background Information/Rationale: The Mukwonago WWTF has completed their Phosphorus Compliance Schedule as a part of their WPDES permit. As a part of the schedule, a thorough alternatives analysis was conducted by R/M to determine the best phosphorus compliance strategy. After coordination with the WDNR and R/M, WWTF staff elected to use Adaptive Management to meet their stringent future phosphorus limit. This strategy entails the Village working in the Fox River watershed to achieve phosphorus reductions at nonpoint sources such as eroding streambanks or agricultural fields. Adaptive Management was more cost effective than physical upgrades to the WWTF as well as a Water Quality Trading program.

Key Issues for Consideration: The attached report will be submitted to the WDNR for review. The report details key components of the Adaptive Management Plan including background information and the strategy to achieve the concentration in the Fox River needed for compliance. One key section for the Village to review is the “Financial Security” section which includes the estimated 10-year cost for implementing the Adaptive Management Plan.

Fiscal Impact (If any): The program will require an estimated \$900,000 commitment from the Village over 10 years. Note that the budget estimate only includes \$10,000 grant funding per year, but additional funding sources will be pursued to implement best management practices.

Requested Action by Committee/Board: Committee of the Whole to make a motion to approve the Adaptive Management Plan and give the Village President pre-approval to provide a signature with final approval occurring at the Village Board meeting on August 21, 2019.

Attachments

Mukwonago Adaptive Management Plan (Reduced File Size Version) dated July 2019. See “Financial Security” section on pgs. 16-17 for fiscal impact information.

DRAFT

MUKWONAGO ADAPTIVE MANAGEMENT PLAN

VILLAGE OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN

JULY 2019

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MUKWONAGO ADAPTIVE MANAGEMENT PLAN

INTRODUCTION AND BACKGROUND

The Village of Mukwonago received its Wisconsin Pollutant Discharge Elimination System (WPDES) permit renewal for its Wastewater Treatment Facility (WWTF) in April of 2019. The Village's current permit (WI 0020265) will expire in March of 2020. The future phosphorus limit that the Village is planning for is the Water Quality Based Effluent Limit (WQBEL) of 0.1 mg/L total phosphorus (TP).

The Mukwonago WWTF uses an activated sludge treatment process. The treatment processes include influent pumping, influent fine screening and washing, primary clarification, activated sludge treatment with an integrated fixed film activated sludge (IFFAS) system, final clarification, disinfection, and effluent pumping. Biosolids are wasted from the activated sludge process, anaerobically digested, and thickened by applying them to sand drying beds along with polymer. The resulting product is a semi-solid cake substance that is ultimately disposed of on agricultural lands for soil conditioning through a contract disposal service. Effluent from the WWTF flows in a channel east to the Fox River near the confluence with the Mukwonago River. The Fox River flows into the Illinois River in La Salle county, Illinois which eventually drains to the Mississippi River and reaches the Gulf of Mexico.

Up until the middle of 2018, the WWTF had used ferrous chloride as a coagulant to remove soluble phosphorus by precipitation. The average effluent phosphorus level using a dose of approximately 65 gallons per day (gpd) was 0.5 to 0.6 mg/L. The chemical was typically added at the head end of the aeration tank for each process train. In the past, the Village has also experimented with adding the ferric chloride in the primary clarifiers. In July of 2018, the Village started using a poly aluminum chloride (PAC) coagulant with integral polymer for phosphorus removal. A dose of 65 gpd of the PAC product was added in lieu of ferric chloride starting in the middle of July. The dose was kept constant for approximately 2 weeks to compare the effectiveness of the ferric chloride to the PAC product. The average concentration during this time was approximately 0.25 mg/L. This showed that the PAC product was more efficient than ferric chloride. Additional optimization using the PAC product has yielded steady treatment levels around 0.15-0.20 mg/L TP.

During the current permit cycle, the Village undertook the items outlined in the Phosphorus Compliance Schedule. The purpose of the schedule was to give the Village annual goals related to the optimization of the existing WWTF for phosphorus removal, analysis of TP concentrations and loadings existing throughout the treatment process, and evaluation of alternatives to reach compliance.

At the end of March of 2019, the Village submitted the Final Compliance Alternatives Plan to the Wisconsin Department of Natural Resources (WDNR) for review. The report summarized actions taken throughout the Phosphorus Compliance Schedule including improved TP removal through chemical optimization and a thorough analysis of compliance alternatives. Compliance alternatives evaluated during the existing permit period included filtration, chemical optimization in conjunction with Water Quality Trading (WQT), algae treatment technology, and Adaptive Management (AM). Although chemical optimization in conjunction with WQT was initially chosen as the most advantageous alternative for the Village, further investigation led Village staff to decide that AM was the best solution.

The Village has identified AM as the preferred compliance alternative for the WWTF under Wisconsin Administrative Code (WAC) Chapter NR 217. The Village submitted the Watershed Adaptive Management Request Form 3200-139 in March of 2019 along with the Final Compliance Alternatives Plan. The request form is also included in Appendix A for reference. The current AM Plan is meant to supplement the Final Compliance Alternatives Plan in detailing the Village's strategy in achieving TP compliance through AM.

The Village meets the three eligibility conditions of AM as outlined below:

1. **The receiving water does not meet water quality criteria for TP:** A detailed evaluation from WDNR staff documented that the existing median phosphorus concentration from May through October near the anticipated Point of Compliance (POC) approximately 500 feet downstream of the I-43 bridge is greater than 0.1 mg/L. The concentration is estimated at 0.110-0.115 mg/L.
2. **The watershed is non-point source dominated:** A PRESTO Lite analysis was completed for the tributary watershed with an outlet at the POC. The analysis showed approximately 55 percent pollutant loading from non-point sources and 45 percent loading from point sources. See the PRESTO Lite output report attached to the AM Request Form in Appendix A for additional details.
3. **The WWTF needs filtration or an equivalent technology to meet the Water Quality Based Effluent Limit:** Filtration is required to meet the WQBEL. It is anticipated from WWTF testing with the PAC product that the lowest total phosphorus effluent concentration that can be consistently achieved without filters is 0.15 to 0.20 mg/L.

There are several advantages to the AM approach for Mukwonago. First, the Fox River at the anticipated POC is close to water quality criterion of 0.1 mg/L. As stated previously, the anticipated ambient concentration of phosphorus at the POC is approximately 0.110-0.115 mg/L.

Second, there have been previous watershed studies conducted that can be used by the potential AM program. GRAEF-USA Inc. conducted a streambank and erosion study in the watershed between Waukesha and Waterford. This study prioritized numerous locations along the Fox River where significant streambank erosion is taking place. This information will be extremely helpful in deciding where future projects can be implemented to reduce phosphorus loading in the river. The Southeastern Wisconsin Regional Planning Commission (SEWRPC) is in the process of expanding this study to apply it to a larger watershed area.

There are also several partners in place that could assist the Village in accomplishing the goals of an AM program. These partners include the Southeastern Wisconsin Fox River Commission (SEWFRC), the SEWRPC, the Waukesha County Land and Water Conservation department, and the WDNR. All these organizations have watershed expertise that can help the program. In particular, the SEWFRC can be a valuable partner since they receive funding from the State and their objectives and geographic area align with those of the pending Mukwonago AM Program.

Another advantage of the AM program is that the implemented best management practices can be converted to WQT credits in future if monitoring in the river does not show lower phosphorus concentrations at the POC. The Village plans to track all activities closely to use this option if needed in the future.

A final advantage to the AM program is the fact that upstream point sources will be reducing their phosphorus discharges to meet the WQBEL requirements. The Sussex and Brookfield Water Pollution Control Facilities will be making significant reductions their phosphorus loading. In addition, the Mukwonago WWTF will be making reductions based on their historical discharge concentration of 0.7 mg/L TP. With the AM program, the Village phosphorus effluent limit will be 0.6 mg/L. It is expected that the typical discharge will be approximately 0.4 to 0.5 mg/L for a reasonable safety factor. Reductions from all the wastewater treatment facility point sources will improve the downstream water quality.

The estimated 20-year net present value range of WWTF modifications evaluated in the Preliminary Compliance Alternatives Plan was \$2.1 million to \$9.4 million with chemical optimization in conjunction with WQT being the lowest. In addition to the advantages described above, the Village feels that using AM as their TP compliance strategy will be competitive or most cost-effective than previous alternatives assessed during the compliance schedule.

IDENTIFY PARTNERS

In order to effectively engage non-point sources in the upstream area, the Village has been working closely with the SEWFRC. This group was established in 1997 by Wisconsin Act 27 in order to address water resource concerns in the Fox River system. The SEWFRC has authority to implement programs and best management practices in the basin with the goal of improving water and soil quality. The planning area of the SEWFRC encompasses the action area detailed in this plan, so a partnership is mutually beneficial.

The Waukesha County Land and Water Conservation (LWC) Department, SEWRPC, and WDNR will also be important assets to the AM program. They will provide technical assistance by helping to identify critical nonpoint sources of TP and recommending Management Measures in their respective watershed areas. They will also provide some modeling support for site-specific projects on an as-needed basis.

Other potential partners include engineering consulting firms, government bodies, private landowners, land conservation and environmental groups, and universities.

The roles and responsibilities of all existing partners are summarized in Table 1.

Table 1. Partner Roles and Responsibilities

Party	Roles/Responsibilities
GRAEF-USA Inc.	GRAEF conducted a streambank and erosion study in the watershed between Waukesha and Waterford. This study prioritized numerous locations along the Fox River where significant streambank erosion is taking place. This information will be extremely helpful in deciding where future projects can be implemented to reduce phosphorus loading in the river.
Ruekert & Mielke, Inc.	Ruekert & Mielke, Inc. (R/M) will provide Technical Assistance for Mukwonago on the AM program. R/M will serve as the regulatory specialist for the TMDL and NR 217 rules.
SEWFRC	The SEWFRC will be a key partner of the Village of Mukwonago in implementing the AM Plan. SEWFRC has funds available to assist in implementing Management Measures in the project action area.
SEWRPC	SEWRPC is in the process of expanding the GRAEF study detailing nonpoint sources in the Fox River Basin. They will model streambank improvements recommended in the action area upstream of the Mukwonago WWTF.
Waukesha County	Waukesha County will provide Technical Assistance Management Measures implementation and modeling. The County will also serve as a liaison to local landowners as necessary.
WDNR	The WDNR will coordinate with the Village on the AM program for compliance with NR 217. The WDNR's WisCALMs testing methodology will be followed to access project results. The WDNR existing fish survey and wetland information will be used. The WDNR is responsible for enforcing phosphorus compliance for all parties seeking compliance through this AM Plan.

Communication within the group of identified partners will depend on the type of information to be conveyed and the scale to which it will be communicated. On a broad scale, the Village, with help from SEWFRC, will lead the effort to promote public awareness and education of the AM program and its

objectives. For more specific information, a document management platform such as Dropbox or Google Docs will be used to share, review, and develop files and collaborate with key partners.

Communication associated with Management Measure implementation will be led by the Village working in conjunction with Waukesha County, SEWRPC, and SEWFRC. Communication at this level will include targeted nonpoint sources, specific Management Measure implementation, and project timelines. Communication will also include the status of annual compliance activities for Management Measures already implemented. Using the document management software, this detailed information will be available to designated partners. The majority of the work in the AM program will take place at this level.

Communication for practices such as streambank stabilization will be led by the Village in conjunction with participating engineering consulting firms, government bodies, private landowners, and land conservation and environmental groups. Meetings will occur as needed for this set of activities. The attendees of these meetings will be determined by the type of activity involved. For example, for a streambank stabilization project, the Wisconsin DNR and SEWRPC would both be included. This set of partners would also have access to project-document management software.

DESCRIBE THE WATERSHED AND SET LOAD REDUCTION GOALS

The action area for the Mukwonago AM Plan includes portions of the Upper Fox Watershed (07120006). Map 1 in Appendix B details the action area as well as some surface water details, county boundaries, twelve digit Hydrologic Unit Code (HUCs) areas, impaired waters, major highways and interstates, municipal boundaries, and WWTF locations in the proximity of the action area. 12-digit HUCs included in the action include the three northern HUC-12s in the Eagle Creek-Fox River Watershed (0712000607) as well as the central and north-central HUC-12s in the Pewaukee-Fox River Watershed (0712000601). The Village of Sussex, City of Brookfield, and City of Waukesha WWTFs are included in the action area. Nearly the entirety of the action area is located in Waukesha County, with only a small part of the northern portion of the action area existing in Washington County. The small portion of the action area in Washington County will not be considered a significant portion of the total area in terms of planning and implementation of Management Measures.

The WDNR Pollutant Load Ratio Estimation Tool indicates that 55 percent of the TP load in the delineated drainage area upstream of the POC is from non-point sources and 45 percent is from point sources. In order of the magnitude of the average TP load in the drainage area, significant point sources are the City of Brookfield, the City of Waukesha, the Village of Sussex, and the Village of Mukwonago treatment facilities. There are also multiple MS4 WPDES permittees and municipalities represented in the watershed. Tables 2 through 6 describe each HUC-12 area in the action area.

Table 2. AM Action Area Description for Plan Development

HUC and Watershed Name	Total Area of Watershed	
	Acres	Square Miles
071200060102 Village of Sussex-Fox River	30,774	48.1
County	Area of Watershed in the County	Percentage of Watershed Within the County
Washington	185	0.6%
Waukesha	30,589	99.4%
What watershed scale was used to develop the action area?		
<input checked="" type="checkbox"/> Full HUC 12 <input type="checkbox"/> Portion of the HUC 12 <input type="checkbox"/> Based on TMDL Reach <input type="checkbox"/> Other		

Table 3. AM Action Area Description for Plan Development

HUC and Watershed Name	Total Area of Watershed	
	Acres	Square Miles
071200060105 City of Waukesha-Fox River	10,950	17.1
County	Area of Watershed in the County	Percentage of Watershed Within the County
Waukesha	10,950	100%
What watershed scale was used to develop the action area?		
<input checked="" type="checkbox"/> Full HUC 12 <input type="checkbox"/> Portion of the HUC 12 <input type="checkbox"/> Based on TMDL Reach <input type="checkbox"/> Other		

Table 4. AM Action Area Description for Plan Development

HUC and Watershed Name	Total Area of Watershed	
	Acres	Square Miles
071200060701 Genesee Creek	18,215	28.5
County	Area of Watershed in the County	Percentage of Watershed Within the County
Waukesha	18,215	100%
What watershed scale was used to develop the action area?		
<input checked="" type="checkbox"/> Full HUC 12 <input type="checkbox"/> Portion of the HUC 12 <input type="checkbox"/> Based on TMDL Reach <input type="checkbox"/> Other		

Table 5. AM Action Area Description for Plan Development

HUC and Watershed Name	Total Area of Watershed	
	Acres	Square Miles
071200060702 Pebble Brook	11,375	17.8
County	Area of Watershed in the County	Percentage of Watershed Within the County
Waukesha	11,375	100%
What watershed scale was used to develop the action area?		
<input checked="" type="checkbox"/> Full HUC 12 <input type="checkbox"/> Portion of the HUC 12 <input type="checkbox"/> Based on TMDL Reach <input type="checkbox"/> Other		

Table 6. AM Action Area Description for Plan Development

HUC and Watershed Name	Total Area of Watershed	
	Acres	Square Miles
071200060703 Mill Brook-Fox River	19,347	30.2
County	Area of Watershed in the County	Percentage of Watershed Within the County
Waukesha	19,347	100%
What watershed scale was used to develop the action area?		
<input checked="" type="checkbox"/> Full HUC 12 <input type="checkbox"/> Portion of the HUC 12 <input type="checkbox"/> Based on TMDL Reach <input type="checkbox"/> Other		

The Fox River is impaired and identified on the EPA 303 (d) list for both TP and PCBs at the POC. The action area also contains surface waters tributary to the Fox River which are impaired including the Pewaukee River, Spring Creek, and Lannon Creek. There are relatively few lakes in the action area, none of which have an impairment listed on the EPA 303 (d) list. For this reason, Management Measures specifically related to lakes and ponds will not be a significant component of the Mukwonago AM Plan.

Per recommendation of the WDNR, it was assumed that the overall point of compliance for the Village of Mukwonago WWTF will be just downstream of the confluence of the Mukwonago and Fox Rivers. This point will be monitored near where the Fox River crosses the I-43 bridge for ease of accessibility.

The Village and SEWFRC have already been proactive in establishing baseline monitoring information. Estimates of the flow rates at the Mukwonago WWTF outfall and at the POC were generated using various methods. The flow data is shown in Tables 7 and 8 below.

Table 7. Flow Characteristics at the Mukwonago WWTF Outfall

	Flow (cfs)	Flow (MGD)
Annual Average Flow	1.32	0.85

Table 8. Flow Characteristics at the POC (Fox River and I-43 Bridge)

	Flow (cfs)	Flow (MGD)
Annual Average Flow	335	216.5

Mukwonago WWTF and SEWFRC staff have also monitored numerous points in the action area in recent years for TP. This data is shown in Appendix C.

Upstream of the WWTF, the median TP concentration in the Fox River is in the 0.12-0.14 mg/L TP range. The Mukwonago River has a very low median TP concentration of 0.014 mg/L TP, showing that this sub-basin likely has a minimal impact on the concentration of TP in the Fox River beyond potential dilution effects. To this point, there is a limited sample set at the POC as this location was recommended relatively recently. However, at the intersection of the Fox River and CTH L (nearest downstream point with a significant data set), the median TP concentration is 0.105 mg/L. Table 9 gives a summary of the existing monitoring results within the action area.

Table 9. Monitoring Results in the Fox River and Mukwonago River near the Village

Station Name	Mukwonago River @ HWY 83	Fox River @ CTY I	Fox River @ CTY ES	Fox River @ CTY L	Fox River @ HWY 83	Fox River @ WRCSD
Waterbody	Mukwonago River	Fox River	Fox River	Fox River	Fox River	Fox River
Location Relative to Mukwonago WWTF	Upstream	Upstream	Upstream	Downstream	Downstream	Downstream
Criteria per Ch. NR 104	0.075	0.075	0.075	0.100	0.100	0.100
Sample Count	41	41	41	41	41	72
Single Samples	38	38	38	38	38	69
Mean	0.015	0.122	0.129	0.124	0.097	0.112
Median	0.014	0.120	0.131	0.103	0.091	0.098
NR 217 Median	0.014	0.125	0.137	0.105	0.089	0.107

The load reduction target for TP at the proposed POC is determined using the following procedure. Note that an in-stream concentration of 0.115 mg/L TP at the POC was assumed by iterating between the Fox River concentrations at CTH ES and CTH L.

Q_e - Flow from WWTF

C_e - WWTF Effluent Total Phosphorus Concentration

Q_s - Flow of Mukwonago River at Confluence

C_s - Total Phosphorus Concentration at Confluence

Current Point Source Load = Q_e x C_e x 8.34 x 365 days/year = 0.85 MGD x 0.55 mg/L x 8.34 x 365 days/year = 1,423 lb/year.

Current Load in Receiving Water = Q_s x C_s x 8.34 x 365 days/year = 217 MGD x 0.115 mg/L x 8.34 x 365 days/year = 75,791 lb/year.

Allowable Load Credit = (Q_s + Q_e) x WQC x 8.34 x 365 days/year = (217 + 0.85) MGD x 0.1 mg/L x 8.34 x 365 days/year = 66,164 lb/year.

Total Reductions Needed = 1,423+75,791-66,164 lb/year = **11,050 lb/year**.

CONDUCT A WATERSHED INVENTORY

Conducting a watershed inventory is an important step in better understanding the action area to be affected by the AM program. This step will allow program stakeholders to make informed decisions about specific actions to be taken in the watershed to improve water quality. The watershed inventory will help identify important and unique features of the action area and organize this information in way that summarizes a large amount of relevant data in a manageable format. Input from project partners and stakeholders as well as Geographic Information System (GIS) software were used to obtain much of the data presented in this section, including the watershed boundary, streams, rivers, and surface water

information, impaired waterways, TMDL reaches, soils data, land use statistics, zoning information, as well as other relevant information to the inventory. This information was then able to help identify sources of watershed impairment and direct efforts of water quality monitoring and remediation, as will be explained later in this document.

As shown in the previous section, the action area is a relatively large area for water quality improvements. The action area is approximately 91,111 acres, or 142 square miles, which encompasses land almost entirely in Waukesha County, Wisconsin.

Map 2 in Appendix B shows an aerial view image of the action area. The watershed's northern boundary is just north of the Village of Lannon where the Fox River system starts to flow south. The topography of the action area generally slopes from higher elevations in the north to lower elevations near the confluence of the Mukwonago and Fox Rivers. The headwaters of the Fox River near the Village of Lannon have an approximate elevation of 860 feet. The elevation drops to about 800 feet in the City of Waukesha, and 780 feet at the confluence with the Mukwonago River. The greatest elevation change thus occurs from the northern part of the action area to the area near the City of Waukesha.

There are several documented dams in the action area, though several have been abandoned. The table below shows information regarding dams in the action area, which are in order from downstream to upstream. The data shown is provided by the WDNR Surface Water Data Viewer, and dam locations are indicated on Map 1 of Appendix B.

Table 10. Dam Information for the Action Area

Dam	Adjacent River System	County	Key Seq. No.	Field File No.	Size	Hydraulic Height (ft.)
Hidden Lakes	Unnamed Tributary to Fox River	Waukesha	883	67.46	Large	15.0
Southwest Flowage	Unnamed Tributary to Fox River	Waukesha	1066	67.49	Small	3.0
Vernon Marsh-Mid. Flowage	Mill Brook/Fox River	Waukesha	993	67.49	Large	7.0
West Allis Kennel Club	Mill Brook	Waukesha	3132	67.00	Small	9.0
Vernon Marsh-N. Flowage	Pebble Brook/Fox River	Waukesha	994	67.49	Large	7.0
Girl Scouts Camp Chinook	Pebble Brook	Waukesha	2301	67.00	Small	N/A
Jensen	Mill Creek	Waukesha	1571	67.41	Small	N/A
Hass, Howard	Unnamed Tributary to Pebble Brook	Waukesha	3050	67.00	Small	15.0
Minooka Park	Unnamed Tributary to Pebble Brook	Waukesha	2302	67.00	Small	8.0
Vernon Marsh-Ref. Flowage	Fox River	Waukesha	992	67.00	Small	7.0
Saylesville Roller Mill	Saylesville Millpond/Genesee Creek	Waukesha	323	67.07	Large	10.0

Morey	Genesee Creek	Waukesha	1566	67.30	Small	7.0
Genesee Roller Mill	Genesee Millpond/Genesee Creek	Waukesha	3211	67.05	Small	5.0
Willow Springs Lake	Willow Springs Lake/Spring Brook	Waukesha	429	67.45	Large	12.0
Dunlop, Douglas	Spring Lake/Spring Brook	Waukesha	3048	67.00	Small	8.0
Abendroth and Assoc. Nos. 1 and 2	Fox River	Waukesha	2836, 2837	67.00	Small	4.0, 2.0
Woodfield Park	Unnamed Pond/Tributary to Fox River	Waukesha	6139	67.00	Small	N/A
Saratoga Mill (Barstow)	Fox River	Waukesha	630	67.23	Large	5.0

Soils data for the watershed was obtained using the Soil Survey Geographic Database (SSURGO) in conjunction with GIS. Several relevant types of soil information were obtained from the database, including the total area occupied by each soil type, soil erosion characteristics of the soils, and soil drainage and flooding information. See Appendix D for the complete soil information table for the action area.

There are 137 varieties of soils at various slopes represented in the action area. Soils that populate over 2% of the total land area are listed in Table 11. Loams and silty loams are the most prevalent soil types in the area, with a considerable amount of poorly drained hydric soil (Houghton muck) typical of floodplains and lake plains.

Table 11. Largest Represented Soils by Area in the Action Area

Soil Symbol	Soil Name	Area (ac)	% Cover
HmC2	Hochheim loam, 6 to 12 percent slopes, eroded	7397.94	8.12%
HtA	Houghton muck, 0 to 2 percent slopes	7128.96	7.82%
HmB2	Hochheim loam, 2 to 6 percent slopes, eroded	4844.92	5.32%
HmB	Hochheim loam, 2 to 6 percent slopes	4146.00	4.55%
Ph	Pella silt loam	3943.35	4.33%
LmB	Lamartine silt loam, 1 to 4 percent slopes	3713.62	4.08%
ThB	Theresa silt loam, 2 to 6 percent slopes	3536.24	3.88%
HmD2	Hochheim loam, 12 to 20 percent slopes, eroded	2984.81	3.28%
BsA	Brookston silt loam, 0 to 3 percent slopes	2156.54	2.37%
FoB	Fox loam, 2 to 6 percent slopes	1970.83	2.16%
MtA	Mequon silt loam, 1 to 3 percent slopes	1950.89	2.14%
Sm	Sebewa silt loam	1911.09	2.10%

Several key characteristics of soil have implications for water quality. These soil characteristics are included in Appendix D. First, the general erodibility of the soils is a good indication of how susceptible different types of soil are to releasing particulate phosphorus to nearby surface waters. Soil erodibility is described by many factors provided by SSURGO, but most importantly by the whole soil erosion factor K_w

and the ground slope. The soil erosion factor quantifies the tendency of soil particles to detach from their surroundings, as well as their ability to be transported by water, while accounting for the amount of rocks in a given soil. This factor is an important empirical coefficient in a number of soil loss estimation models such as the Universal Soil Loss Equation (USLE) and the Revised USLE (RUSLE). It is a function of the soil's texture, structure, organic matter content, and permeability. In general, then, K_w values will improve with anything that enhances infiltration into the soil, impedes the transport of runoff, or improves the natural cohesion of soil particles. Values of K_w range from 0.02 to 0.55, with higher values indicating a greater propensity for the soil to erode. Another factor contributing to soil erosion provided by SSURGO is the ground slope. Greater soil slopes lead to greater risk of soil detachment and transport due to the increased velocity of runoff over the surface.

The watershed contains predominantly high-rated K factor soils. Figure 1 below illustrates this distribution based on the area of land that each type of soil occupies. In addition, Map 3 in Appendix B shows a map of the Action area with the different soil plots shaded based on K value. The darker blue and yellow indicate larger K_w values and a greater risk of soil erosion.

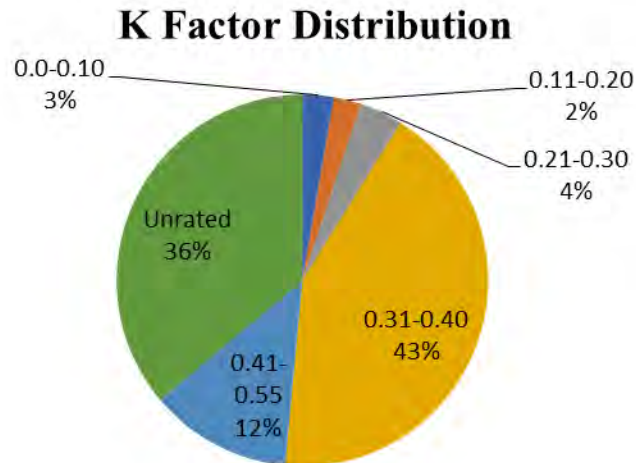


Figure 1. K_w Factor Distribution by Land Area for the Action Area

The SSURGO data also includes a soil description giving a class of accelerated erosion which is shown in Figure 2. The classes of accelerated erosion describe the amount of soil that has been removed from the upper horizons of the soil profile. Class 1 describes sheet erosion where less than 25% of the upper soil has been eroded. Class 2 describes 25-75% soil removal, and Class 3 describes soil erosion greater than 75% that usually occurs when deep rill or gullies form on sloped fields. A third rating, "None – deposition", describes soil which is not prone to transport off site. Unfortunately, the majority of the soils in watershed were unrated, giving a limited picture of the extent of existing soil erosion in the action area. However, 30% of all soil in the action area is shown as Class 1 soils, and 10% of the soils are Class 2.

The ability for soil to either drain or retain water is another important factor in understanding the behavior of water in a watershed. The SSURGO data provides a number of soil descriptions along these lines as well, most important of which are the soil hydric rating and the hydrologic soil group. Hydric soil is soil that is saturated with water for all or parts of the year, characteristic of soils found in wetlands or floodplains. This frequent saturation leads to a lack of oxygen in the soil (anaerobic conditions) which promotes the growth of wetland vegetation and species. Hydric soils maintain their physical characteristics even when converted to farmland, keeping these areas prone to water accumulation.

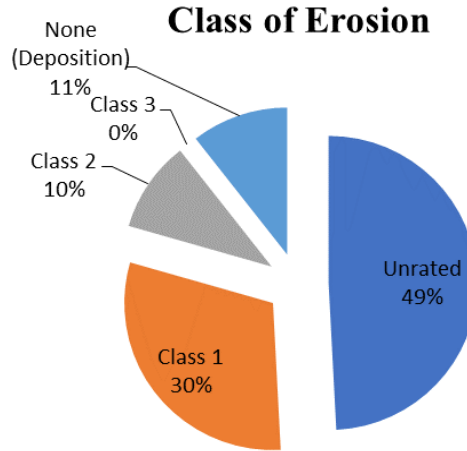


Figure 2. Distribution of Erosion Classes by Land Area for the Action Area

The hydrologic soil group system was developed by the NRCS to describe the infiltration rate of water into the ground by dividing soils into four categories: A, B, C, and D. Class A is characterized by high infiltration rates and low runoff potential, while Class D consists of soils with low infiltration and high risk of runoff and soil transport. Class A soils are typically sandy or granular, Class B soils are silts and loams, Class C soils are sandy clay loams, and Class D soils have high contents of clayey soils or a high water table. If two classes are listed, the first letter describes the soil if it is drained by a man-made drainage system while the second letter describes the soil in its natural state.

In the action area, about 25% of the soil is hydric (22,325 acres) with the rest being non-hydric or unrated. Figure 3 below illustrates the distribution of hydrologic soil groups in the watershed by area. The results show the majority of the soil is Class B, which is intuitive given the large amounts of silt loam in the area. There is also a considerable amount of less drainable soil in Classes C and D, with a potential for more poorly drained soil depending on the drainage condition of the dual classifications. Map 4 of Appendix B shows both hydrologic soil group ratings and the location of hydric soils.

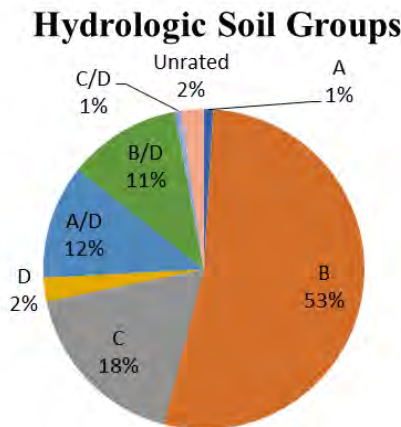


Figure 3. Hydrologic Soil Group Distribution in the Action Area

Other SSURGO data that is presented in Appendix D includes the general drainage condition and flooding frequency of the soils listed. Over 95% of the soils were not rated to flood or to rarely flood, with only 2% of the soils rated to flood occasionally or frequently. Table 12 shows the ratings of drainage condition by area. These supporting soil descriptions indicate that the majority of the watershed is not a

risk of flooding, while there is a significant portion of soils that present a risk of overland water flow and erosion.

Table 12. Drainage Condition of the Soils in the Action area

Drainage Condition	Area (ac)	% Cover
Very poorly drained	12984.85	14.3%
Poorly drained	9302.801	10.2%
Somewhat poorly drained	10853.12	11.9%
Moderately well drained	3000.962	3.3%
Well drained	51981.49	57.1%
Excessively drained	19.3995	0.0%
Unrated	2966.511	3.3%

SEWRPC was used to assess land use in the action area. Map 5 in Appendix B shows the land use map for the watershed, and Table 13 summarizes land use information and agricultural statistics in a tabular format. In addition, Maps 6 and 7 in Appendix B illustrate the locations of wetlands and floodplains in the action area. Over half of the land use in the watershed consists of croplands or grasslands, with the majority of croplands consisting of typical row crop rotations. Due to the prevalence of dairy farming in the area, there is also a significant amount of forage crops in the action area. Approximately half of the existing cropland is not tilled at any point during the year, while about 35% of the cropland is conventionally tilled. About 16% of the land consists of forests, 13% of the land consists of wetland-type vegetation, and 7.5% of the land is open water. 6% of the land area is developed, with the majority of residential and urban area near the Village of Mukwonago. The majority of livestock in the watershed are dairy cows (49%), with a sizeable portion of beef cattle and horses.

Table 13. AM Land Use Overview

Current Land Use				
Land Use	Approximate Land Cover (ac)	Approximate Land Cover (%)	Typical Impervious Fraction/Runoff Coefficient ¹	Approximate Impervious Area in Watershed
Agriculture	20,317	22.3%	0.10	2.2%
Commercial	959	1.1%	0.70	0.7%
Industrial	3,131	3.4%	0.70	2.4%
Institutional	1,254	1.4%	0.70	1.0%
Open Land	11,293	12.4%	0.10	1.2%
Open Water	1,211	1.3%	0.00	0.0%
Park	2,140	2.3%	0.20	0.5%
Residential (High Density)	1,108	1.2%	0.70	0.9%
Residential (Low Density)	14,488	15.9%	0.30	4.8%
Residential (Medium Density)	6,965	7.6%	0.50	3.8%
Transportation	10,043	11.0%	1.00	11.0%
Wetlands	18,203	20.0%	0.08	1.6%
Total	91,111	100.0%		30.1%

Table 13. AM Land Use Overview (continued)

Livestock Density	
	Approximate Number of Animas in Watershed
Dairy	510
Beef	1,426
Horses	420
Poultry	717
Swine	158
Sheep	104
Total	3,335

¹Runoff coefficients are used in the rational equation, which is one of the simplest methods to determine peak discharge from drainage basin runoff. These values are provided as a general approximation for decision-making purposes and should be modified as appropriate.

IDENTIFY WHERE REDUCTIONS WILL OCCUR

The core set of reductions identified in the Mukwonago AM Plan consist of a set of prioritized streambank stabilization projects identified in a study conducted by GRAEF-USA Inc. in 2014. A portion of the report is included in Appendix F for reference, including a summary table of recommended streambank stabilization projects and dimensions and the associated figures. The NRCS Streambank Erosions Estimator tool was used to compile all of the information from the recommended projects occurring upstream of the POC. The output of the tool includes estimates for the amount of soil loss and TP loss mitigated through implementation of streambank Management Measures. The completed table is also included in Appendix F for reference. Based on the estimates in Appendix F, a total of approximately 820 pounds per year in reductions are achievable through the implementation of approximately 6,360 feet of streambank stabilization Management Measures.

The second critical category of reductions that will be achieved in the action area have to do with point sources upstream of the POC significantly reducing their TP load to the Fox River system. The Village is aware of the following reductions that will be achieved by upstream WWTFs in the action area including the Mukwonago WWTF:

- The Sussex Water Pollution Control Center will be improving their TP treatment level from 0.7 mg/L to 0.075 mg/L at a flow rate of 2.3 MGD. This reduction yields a reduction of 4,375 pounds per year.
- The Brookfield Fox River Water Pollution Control Center will be improving their TP treatment level from 0.7 mg/L to 0.075 mg/L at a flow rate of 9 MGD. This reduction yields a reduction of 17,123 pounds per year.
- The Mukwonago WWTF will be improving their TP treatment level from 0.7 mg/L to 0.35 mg/L. This reduction yields a reduction of 959 pounds per year.

DESCRIBE MANAGEMENT MEASURES

The identified streambank stabilization projects are still in conceptual planning stages. For this reason, a complete design of the proposed stabilization measures on the banks of the Fox River has not been completed. However, the Village is currently planning with project partners who have experience in streambank stabilization projects and have discussed conceptual design approaches to stabilization at the identified locations.

Of the stream locations evaluated in the site survey, the Village will prioritize projects which show the greatest need for stabilization work. One of the first goals of the proposed stabilization effort is to conduct

a plant survey of the riparian edge of the stream location to determine the extent of invasive species such as reed canary grass or buckthorn. All invasive species will be eradicated and replaced with native plantings as a part of the streambank stabilization design. All existing rocks and natural vegetation along the shoreline would be preserved and utilized for the project.

There are several stabilization techniques being considered for implementation. Some options include brush matting, branch packing, geotextile wrapped soil lifts, and stone toe protection combined with native plantings.

Brush matting (or brush mattresses) involves a combination of live stakes, live fascines, and branch cuttings to cover and stabilization streambanks. An example figure is shown below. A thick mat of dormant cuttings is placed on the bank and held down with stakes. The brush mattress serves as structural reinforcement as well as an area where native plantings can take root and provide vegetative stabilization. For the proposed project sites, this technique would likely be used alongside stone toe protection to a level at or above the ordinary high water level.

In addition to the restoration of riparian vegetation and the reduction of soil erosion, this technique is also able to improve fish habitat by shading the stream, lowering water temperatures, and offering protection from predators.

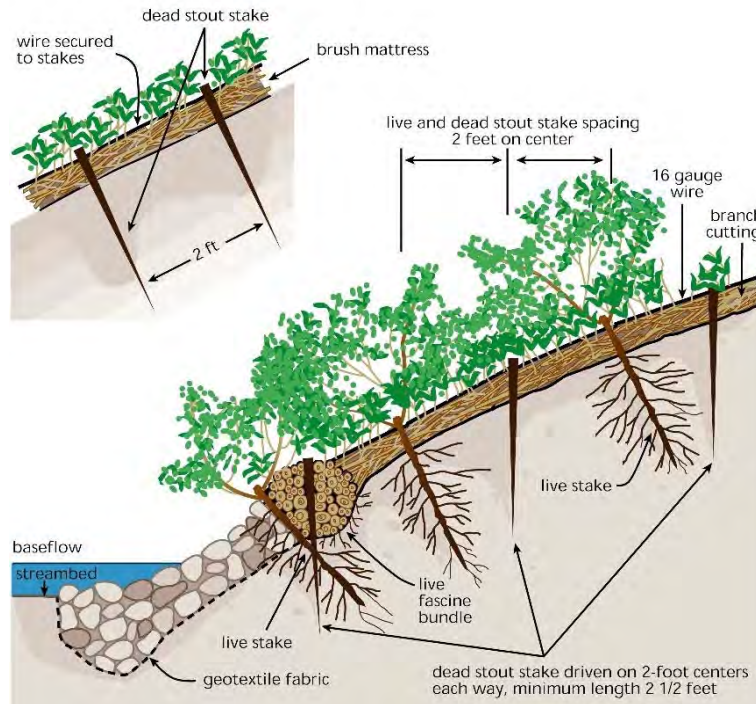


Figure 4. Example of Brush Matting Streambank Technique. Image Credit: Stream Corridor Restoration: Principles, Processes and Practices, 10/98, by the Federal Interagency Stream Restoration Working Group (FISRWG).

In addition to all design and implementation responsibilities, the Village would also develop and implement a regular operation and maintenance (O&M) plan for ensuring adequate performance and long life of the practice. The plan will be consistent with NRCS Code 580.

Per NRCS guidance, the streambank stabilization O&M plan will define the set intervals at which the practice will be inspected, including after every flood event. Maintenance activities will include:

- Removal of debris in the stream that diverts flow to the streambank causing increased scouring and erosion.
- Monitoring and maintaining the establishment of native planting and control of invasive species if necessary.
- Repair of any damaged structural sections of the practice.
- Revegetation of areas affected by erosion.

ESTIMATE LOAD REDUCTION EXPECTED BY PERMIT TERM

As described in a previous section the NRCS Streambank Erosion Estimator tool was used to quantify the potential impact of each of the potential projects identified in the GRAEF study. Results of that analysis can be found in Appendix F.

In addition to streambank stabilization, the Mukwonago AM Program estimates significant reductions will be achieved in the coming years at their WWTF as well as other treatment facilities upstream in the action area. However, due the dams and impoundments present in the Fox River as well as the amount of TP that is deposited or absorbed along its path south in the action area, not all reductions can be directly counted towards the load reduction target. For the Sussex and Brookfield treatment facility reductions, it was assumed that 50% of the reductions would be seen at the POC.

Table 16 shown below includes the breakdown of estimated reduction per permit term in pounds per year.

Table 16. Estimated TP Reduction by Permit Term.

	Permit Term 1	Permit Term 2	Permit Term 3	Total
Mukwonago WWTF Reductions	959			959
Brookfield WWTF Reductions	8,562			8,562
Sussex WPCF Reductions	2,187			2,187
Streambank Stabilization	300	300	220	820
Total	12,008	300	220	12,528

Based on an earlier section of the AM plan, the current point source load and current total load in the receiving water at the confluence are 1,423 pounds TP per year and 75,791 pounds TP per year, respectively. The Mukwonago WWTF’s share of the total loading at the receiving water is:

$$(1,423/75,791) \times 100 = 1.88 \text{ percent.}$$

The WDNR Adaptive Management Technical Handbook states that the AM applicant must, at a minimum, demonstrate that its contributing load to the watershed will be offset in the first permit term. Using this requirement and the overall target reduction of 11,050 pounds per year, the amount of reduction that will be required in the first permit term is:

$$11,050 \text{ pounds TP per year} \times 0.018 = 207.5 \text{ pounds TP per year.}$$

The Mukwonago AM Program will “front-load” the reductions. According to Table 16, the Village plans to reduce 12,008 pounds TP per year by the end of the first permit term. These reductions will be reevaluated at the time of permit issuance for each permit term. The ongoing TP reductions will be documented through modeling and other methods.

MEASURING SUCCESS

The Village of Mukwonago will continue to partner with the SEWFRC to maintain a monitoring program to measure the results of their efforts. For the past two to three years, the wastewater utility and SEWFRC has conducted once a month monitoring of various points in the watershed. These locations are shown in Map 1 of Appendix B. Official data used for compliance determination and assessment of progress will be sampling data 30 days apart for the months of May through October. The parameters tested at the points are TP, temperature, DO, clarity, river flow, pH, and TSS. The sampling will occur on or close to the same day every month (the middle of the month). By sampling the same day, there will be a reduction in any bias in the pollutant concentrations from very wet or very dry weather. This sampling method is in accordance with Wisconsin DNR guidance.

FINANCIAL SECURITY

There are many costs involved in the Mukwonago AM Program. Costs include (1) implementing streambank stabilization projects; (2) project meetings and administration; (3) conducting outreach and education; (4) technical assistance; (5) river monitoring; and (6) additional chemical at the WWTF.

Existing research has shown that streambank stabilization can be a cost effective means of reducing phosphorus loads to surface waters (Center for Watershed Protection et al., 2005; Dove et al., 2009; Bair, 2011). Streambank stabilization uses natural or engineered materials to prevent bank erosion and the transport of sediment into surface waters. There are a number of sources and methods available to estimate the cost of streambank stabilization projects. An average cost of stream restoration of \$129,135 per river mile was estimated by Bair et al, 2011. This estimate is equal to approximately \$2,500 per 100 lineal feet without considerations for contingency, permitting, or engineering. More recent cost estimates range from roughly \$5,000 to \$20,000 per 100 lineal feet depending on the streambank stabilization method including considerations for contingency, permitting, and engineering. For the purposes of the current study, a cost of \$14,000 per 100 lineal feet was assumed. If all 6,360 lineal feet of recommended projects are implemented in the action area, the total stabilization cost would be approximately \$890,000 at this estimate.

The Village is currently in the process of reaching out to the upstream point sources in the action area in order to make them aware of the Village's AM Program. The Village anticipates that partnership with these point sources will involve financial assistance for the implementation of phosphorus removal technology at their treatment facilities. The exact amount of financial assistance to be provided is still unclear.

Administration consists of compiling monitoring data, tracking watershed activities, planning for, holding, and debriefing many meeting with various stakeholders, stakeholder communication and coordination, updates to the document management site, and writing the annual report and conducting compliance checks.

These anticipated costs and others are summarized in Table 18 for a ten year period. Costs for Village staff are assumed to be over and above their normal job duties. The table details various assumptions used. The assumptions in the table serve as basis for determining a cost. Actual costs will be different based on many factors.

Table 18. Mukwonago Overall Costs – Ten Year Period

Type of Activity/Practice	Component	Cost	Comments
Streambank Stabilization Projects	Selected Management Measures	\$506,800	Assume that 3620 LF of streambank are stabilized in the first 10 years of the project at \$14,000/100 LF including contingency, engineering, permitting, etc.
Project Meeting and Administration	Project Meetings (Staff)	\$15,000	Assume quarterly meetings.
	Project Meetings (Engineer/Partners)	\$25,000	Assume quarterly meetings. Travel expenses included.
Outreach and Education	Outreach and Education (Staff)	\$10,000	Includes meetings, collaboration with program partners, outreach materials, etc.
	Outreach and Education (Engineer/Partners)	\$20,000	Includes meetings, collaboration with program partners and Village staff, marketing materials generation, etc.
Technical Assistance	Technical Support and Annual Reporting (Engineer)	\$170,000	Includes technical assistance and design work for project installation; annual reporting requirements.
	County Land and Water Department Assistance	\$75,000	Technical assistance from county personnel.
River Monitoring	Village Staff Fox River Monitoring Time and Materials	\$75,600	Includes Village staff time for monthly monitoring as well as lab equipment and supplies.
Additional Chemical at the WWTF	PAC product to maintain effluent TP below interim limit	\$100,000	Includes the cost beyond baseline chemical cost to maintain the effluent TP level safely below interim limits.
Grant Funding from SEWFRC	Grant Funding from SEWFRC	-\$100,000	Assume \$10,000 per year funding from SEWFRC.
Total		\$897,400	10-year budget estimate.

The Village of Mukwonago understands that the Mukwonago Adaptive Management Program is a long-term program that will last 10 years or more and is fully committed to supporting this program.

Name:

Title:

Date:

IMPLEMENTATION SCHEDULE WITH MILESTONES

The water quality milestone is achieving a statistically significant TP concentration at the POC of less than or equal to 0.075 mg/L. The statistically significant methodology will be in accordance with the Wisconsin Consolidated Assessment and Listing Methodology. The goal of the Mukwonago AM Program is to meet the water quality milestone in less than ten years.

The Village will review the monitoring data in detail throughout the watershed once per year. The concentration at the POC will be analyzed specifically with regard to the median value 30 days apart for the months of May through October. The monitoring data will be used to directly evaluate the progress of the AM Program.

After the first five years in the AM Program, the Village will evaluate the effects of the point load reductions and their streambank stabilization efforts on the in-stream concentration of TP in the Fox River. Since the majority of planned reductions are occurring in these first five years, the concentration at the POC at this time will be indicative of whether or not the AM Program actions have been effective. At this time, if the median concentration at the POC has not improved or even increased, the Village will seriously consider transitioning to a WQT program. The Village would be able to take credit for the streambank stabilization work they will have done up to that point.

REFERENCES

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Appendix A

**Adaptive Management Request Form
and PRESTO-Lite Report**

Watershed Adaptive Management Request

Form 3200-139 (1/12)

Page 1 of 3

Notice: Pursuant to s. NR 217.18, Wis. Adm. Code, this form must be completed and submitted to the Department at the time of the reissuance of an existing WPDES (Wisconsin pollutant discharge elimination system) permit to request adaptive management for phosphorus water quality based effluent limits (WQBEL). Failure to provide all requested information may result in denial of your request. Personal information collected will be used for administrative purposes and may be provided to requestors to the extent required by Wisconsin Open Records law [ss. 19.31-19.39, Wis. Stats.].

Type of Request:

- This is the formal adaptive management request as required in s. NR 217.18(2)
- This is a preliminary adaptive management request (to be submitted as part of facility planning.)

Facility and Permit Information

Facility Name		WPDES Permit No. WI -	
Facility Address	City	State	ZIP Code
Receiving Water			

Owner Contact Information

Last Name	First Name	MI	Phone No. (incl. area code)
Street Address			FAX Number
City	State	ZIP Code	Email address

Facility Information

Provide listed information for each lagoon or pond basin

Required for AM Request	Wis. Administrative Code Reference	Conclusion	Evidence/Source of information (attach as needed)
1. NPS contribute at least 50% of total P contribution	s. NR 217.18(2)(b)	<input type="checkbox"/> NPS contributes at least 50% <input type="checkbox"/> NPS DOES NOT contribute at least 50%	
2. WQBEL Requires Filtration	s. NR 217.18(2)(c)	<input type="checkbox"/> Filtration required <input type="checkbox"/> Filtration NOT required	
3. AM Plan	s. NR 217.18(2)(d)	<input type="checkbox"/> Plan is Included – Page 3 <input type="checkbox"/> Plan is NOT Included <i>For a preliminary adaptive management request, AM plan not required</i>	

Facility Operation and Performance

- Current P removal capability** – If the facility is currently required by a WPDES permit to monitor effluent phosphorus (P) provide a summary of the influent and effluent annual average P concentrations for each of the past three (3) years. If permit required P data is not available, the applicant should provide any other P data that may be applicable and available. If no data is available, the Department may estimate the P effluent concentration by based on data from other similar facilities.

Watershed Adaptive Management Request

Form 3200-139 (1/12)

Page 2 of 3

2. **Facility Operation** – Provide a summary description of overall facility operation. If not a continuously discharging facility, describe storage procedures and the time periods when effluent discharge occurs.

3. **Previous Studies** – Reference or attach any facility planning or evaluation study that evaluated facility performance capabilities (Note – Only include studies that are recent, within 5 years, or otherwise applicable for the evaluation of the existing facility and current conditions).

Adaptive Management Plan (s. NR 217.18(d))

This section should summarize the Adaptive Management Plan for internal and external review. A complete Adaptive Management Plan should be attached. Note: If this is a preliminary adaptive management request, this section is not required.

Watershed

Percent Contribution of Applicant Discharge

Action Area (include map)

Watershed Characteristics and Timeline Justification

Key Proposed Actions

Key Goals and Measures for Determining Effectiveness

Partner(s)

Watershed Adaptive Management Request

Form 3200-139 (1/12)

Page 3 of 3

Funding Sources

Village of Mukwonago

Adaptive Management Request and Certification

Based on the information provided, I am requesting the Watershed Adaptive Management option to achieve compliance with phosphorus water quality standards in accordance with s. NR 217.19, Wis. Adm. Code. I certify that the information provided with this request is true, accurate and complete to the best of my knowledge.

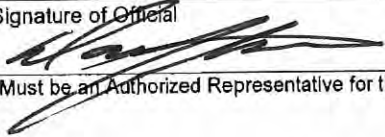
Print or type name of person submitting request*

Dave Brown

Title

Utilities Director

Signature of Official



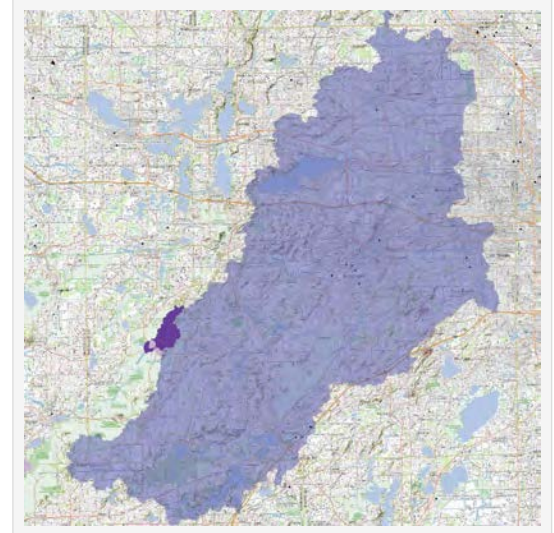
Date Signed

3-27-19

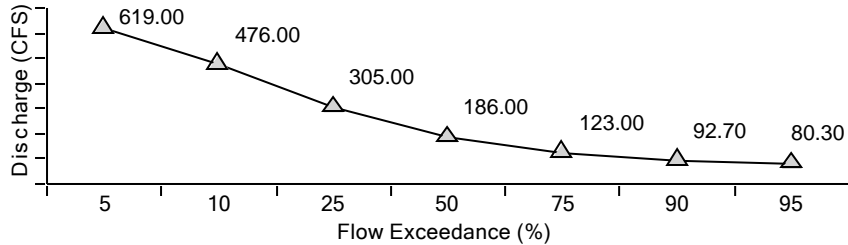
*Must be an Authorized Representative for the treatment facility

PRESTO-Lite Watershed Delineation Report

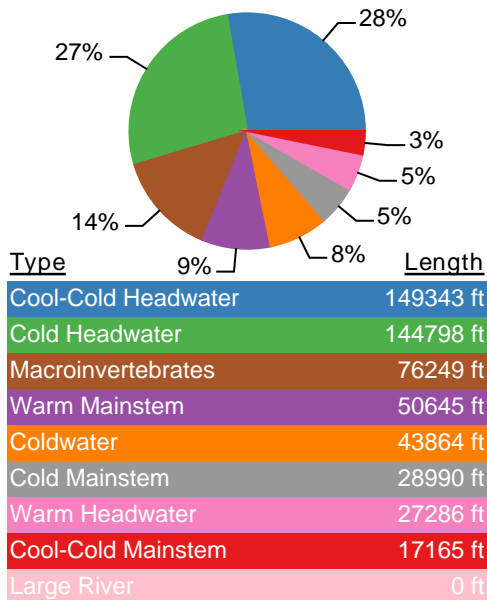
Reach ID: 200212023
 Watershed Name: Village of Big Bend-Fox River
 Waterbody Name: Fox River
 HUC08: Upper Fox
 Watershed Area: 298.49 mi²
 Average Annual Precipitation: 33.62in



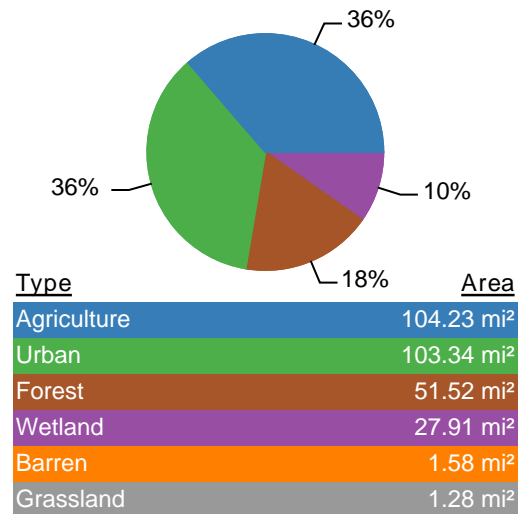
Stream Flow



Tributary Stream Type



Landcover



PRESTO Phosphorus Load Estimate

Avg. Annual Nonpoint Phosphorous Load (80% Confidence Interval)	37,021 (16,668 - 82,223) lbs
Number of Facilities (Individual Facility Information below)	5
Avg. Annual Point-source Phosphorous Load (2010 - 2012 total of all facilities)	30,519lbs
Most Likely Point : Nonpoint Phosphorous Ratio	45% : 55%
Low Estimate Point : Nonpoint Phosphorous Ratio (Adaptive Management)	27% : 73%

Adaptive Management Results

Facilities Discharging to the Village of Big Bend-Fox River Watershed:

Facility Name	Permit #	Outfall #	Waste Type	Receiving Water	Avg. Phosphorus Load (lbs.) (2010 - 2012)
BROOKFIELD, CITY OF	0023469	001	Municipal	Fox River	17949
WAUKESHA CITY	0029971	001	Municipal	Fox River	8221
SUSSEX WASTEWATER TREATMENT FACILITY	0020559	001	Municipal	Unnamed	2705
MUKWONAGO WASTEWATER TREATMENT PLANT	0020265	001	Municipal	Fox River	1634
SCHOOL DISTRICT OF NEW BERLIN	0029998	001	Municipal	Unnamed	10

Watershed Analysis Limitations

- This analysis relies on pre-defined catchments from the Wisconsin Hydrography Data-Plus and may not delineate from the exact location required. When assessing phosphorus loads for specific facility in support of efforts such as adaptive management, care should be taken to ensure that additional downstream point sources do not exist. For adaptive management information related to specific facilities please reference the PRESTO website <http://dnr.wi.gov/topic/surfacewater/presto.html>
- Delineation of watersheds is based on a topographic assessment and therefore do not account for modified drainage networks such as stormwater sewer systems and ditched agriculture.
- If a watershed requires delineation from an exact location the user may use the desktop version of PRESTO that requires ESRI ArcGIS. The PRESTO tool and default datasets can be downloaded at <http://dnr.wi.gov/topic/surfacewater/presto.html>
- Data sources for this report originate from the WDNR's Wisconsin Hydrography Data-Plus value-added dataset and the point and non-point source loading information including in the WDNR's PRESTO model.
- If you have questions about the report generated from the PRESTO-Lite application please contact: DNRWATERQUALITYMODELING@wisconsin.gov

Appendix D

Soil Information

Soil Symbol	Soil Name	Area (ac)	% Cover	K factor (K.w)	Class of Accelerated Erosion (SSM)	Hydric Rating	Hydrologic soil group	Drainage Condition	Frequency of flooding
HmC2	Hochheim loam, 6 to 12 percent slopes, eroded	7397.94	8.12%	-	-	Not hydric	B	Well drained	None
HtA	Houghton muck, 0 to 2 percent slopes	7128.96	7.82%	-	-	All hydric	A/D	Very poorly drained	None
HmB2	Hochheim loam, 2 to 6 percent slopes, eroded	4844.92	5.32%	0.32	Class 2	Not hydric	B	Well drained	None
HmB	Hochheim loam, 2 to 6 percent slopes	4146.00	4.55%	0.32	Class 1	Not hydric	B	Well drained	None
Ph	Pella silt loam	3943.35	4.33%	-	Class 1	All hydric	B/D	Poorly drained	None
LmB	Lamartine silt loam, 1 to 4 percent slopes	3713.62	4.08%	0.32	None (Deposition)	Not hydric	C	Somewhat poorly drained	None
ThB	Theresa silt loam, 2 to 6 percent slopes	3536.24	3.88%	0.37	Class 1	Not hydric	C	Well drained	None
HmD2	Hochheim loam, 12 to 20 percent slopes, eroded	2984.81	3.28%	0.43	-	Not hydric	B	Well drained	None
BsA	Brookston silt loam, 0 to 3 percent slopes	2156.54	2.37%	0.32	None (Deposition)	All hydric	B/D	Very poorly drained	None
FoB	Fox loam, 2 to 6 percent slopes	1970.83	2.16%	0.32	Class 1	Not hydric	B	Well drained	None
MtA	Mequon silt loam, 1 to 3 percent slopes	1950.89	2.14%	0.37	-	Not hydric	C	Somewhat poorly drained	None
Sm	Sebewa silt loam	1911.09	2.10%	-	-	All hydric	B/D	Poorly drained	None
Pa	Palms muck	1742.26	1.91%	-	-	All hydric	A/D	Very poorly drained	None
OuB2	Ozaukee silt loam, 2 to 6 percent slopes, eroded	1714.99	1.88%	-	None (Deposition)	Not hydric	C	Well drained	None
MmA	Matherton silt loam, 1 to 3 percent slopes	1627.53	1.79%	-	-	Not hydric	B	Somewhat poorly drained	None
CrE	Casco-Rodman complex, 20 to 30 percent slopes	1502.09	1.65%	0.32	Class 1	Not hydric	B	Well drained	None
Lu	Loamy land	1456.13	1.60%	-	-	Not hydric	B	Moderately well drained	None
FsB	Fox silt loam, 2 to 6 percent slopes	1435.71	1.58%	0.32	Class 1	Not hydric	B	Well drained	None
CeB	Casco loam, 2 to 6 percent slopes	1384.24	1.52%	0.32	Class 1	Not hydric	B	Well drained	None
CeC2	Casco loam, 6 to 12 percent slopes, eroded	1338.42	1.47%	0.32	Class 2	Not hydric	B	Well drained	None
MoB	Mayville silt loam, 2 to 6 percent slopes	1106.68	1.21%	0.49	Class 1	Not hydric	B	Moderately well drained	None

WeB	Warsaw loam, 2 to 6 percent slopes	1092.04	1.20%	0.24	Class 1	Not hydric	B	Well drained	None
W	Water	1067.96	1.17%	-	-	-	-	-	-
OuB	Ozaukee silt loam, 2 to 6 percent slopes	1065.30	1.17%	0.43	-	Not hydric	C	Well drained	None
FmB	Fox sandy loam, 2 to 6 percent slopes	1007.92	1.11%	0.10	Class 1	Not hydric	B	Well drained	None
KwB	Knowles silt loam, 2 to 6 percent slopes	1005.82	1.10%	0.43	-	Not hydric	B	Well drained	None
FoA	Fox loam, 0 to 2 percent slopes	971.41	1.07%	0.02	Class 1	Not hydric	B	Well drained	None
MxB	Miami loam, sandy loam substratum, 2 to 6 percent slopes	936.91	1.03%	0.37	-	Not hydric	B	Well drained	None
ThB2	Theresa silt loam, 2 to 6 percent slopes, eroded	908.43	1.00%	0.49	Class 2	Not hydric	C	Well drained	None
GP	Gravel pit	839.63	0.92%	-	-	-	A	-	None
QUA	Quarry	814.88	0.89%	-	-	-	-	-	None
CeD2	Casco loam, 12 to 20 percent slopes, eroded	808.95	0.89%	0.32	Class 2	Not hydric	B	Well drained	None
Oc	Ogden muck	767.48	0.84%	-	-	All hydric	A/D	Very poorly drained	None
Na	Navan silt loam	739.40	0.81%	0.37	-	All hydric	D	Poorly drained	Rare
CrD	Casco-Rodman complex, 12-20 percent slopes	738.25	0.81%	0.32	-	Not hydric	B	Well drained	None
WhA	Warsaw silt loam, 0 to 2 percent slopes	682.94	0.75%	0.15	Class 1	Not hydric	B	Well drained	None
OuC2	Ozaukee silt loam, 6 to 12 percent slopes, eroded	644.02	0.71%	-	Class 1	Not hydric	C	Well drained	None
WeA	Warsaw loam, 0 to 2 percent slopes	628.57	0.69%	0.24	Class 1	Not hydric	B	Well drained	None
HmE2	Hochheim loam, 20 to 30 percent slopes, eroded	624.61	0.69%	0.32	Class 1	Not hydric	B	Well drained	None
FsA	Fox silt loam, 0 to 2 percent slopes	617.95	0.68%	0.32	Class 1	Not hydric	B	Well drained	None
KwA	Knowles silt loam, 0 to 2 percent slopes	616.20	0.68%	0.43	-	Not hydric	B	Well drained	None
KlA	Kendall silt loam, 1 to 3 percent slopes	581.60	0.64%	0.43	-	Not hydric	B	Somewhat poorly drained	None
RkB	Ritchey silt loam, 1 to 6 percent slopes	571.74	0.63%	0.32	-	Not hydric	D	Well drained	None
RIA	Ritchey silt loam, mottled subsoil variant, 1 to 3 percent	563.56	0.62%	0.37	-	Not hydric	D	Somewhat poorly drained	None
AsA	Ashkum silty clay loam, 0 to 3 percent slopes	510.31	0.56%	0.20	None (Deposition)	All hydric	B/D	Poorly drained	None
Cw	Colwood silt loam	506.76	0.56%	0.32	None (Deposition)	All hydric	B/D	Poorly drained	None
Ww	Wet alluvial land	501.50	0.55%	0.32	-	All hydric	B/D	Poorly drained	Frequent

HoD3	Hochheim soils, 12 to 20 percent slopes, severely eroded	470.67	0.52%	0.17	-	Not hydric	B	Well drained	None
MxC2	Miami loam,sandy loam substratum, 6 to 12 percent slopes eroded	469.64	0.52%	0.37	-	Not hydric	B	Well drained	None
MgA	Martinton silt loam, 1 to 3 percent slopes	460.49	0.51%	0.32	-	Not hydric	C	Somewhat poorly drained	None
Ac	Adrian muck	448.30	0.49%	-	-	All hydric	A/D	Very poorly drained	None
Sg	Sawmill silt loam, calcareous variant	444.03	0.49%	0.37	-	All hydric	C/D	Poorly drained	Frequent
FmA	Fox sandy loam, 0 to 2 percent slopes	395.35	0.43%	0.24	-	Not hydric	B	Well drained	None
PrA	Pistakee silt loam, 1 to 3 percent slopes	386.20	0.42%	0.49	-	Not hydric	C	Somewhat poorly drained	Occasional
AzA	Aztalan loam, 0 to 2 percent slopes	362.36	0.40%	0.28	None (Deposition)	Not hydric	C	Somewhat poorly drained	None
Pm	Pella silt loam, moderately shallow variant	359.08	0.39%	0.32	None (Deposition)	All hydric	B/D	Poorly drained	None
ThC2	Theresa silt loam, 6 to 12 percent slopes, eroded	318.26	0.35%	0.49	Class 2	Not hydric	C	Well drained	None
MzfA	Mundelein silt loam, 1 to 3 percent slopes	309.99	0.34%	0.32	Class 1	Not hydric	B	Somewhat poorly drained	None
MxD2	Miami loam, sandy loam substratum, 12 to 20 percent slopes, eroded	294.38	0.32%	0.37	-	Not hydric	B	Well drained	None
Dt	Drummer silt loam, gravelly substratum	289.09	0.32%	0.32	-	All hydric	B/D	Poorly drained	None
MoA	Mayville silt loam, 0 to 2 percent slopes	273.60	0.30%	0.49	Class 1	Not hydric	B	Moderately well drained	None
ThA	Theresa silt loam, 0 to 2 percent slopes	272.74	0.30%	0.49	Class 1	Not hydric	C	Well drained	None
AzB	Aztalan loam, 2 to 6 percent slopes	268.69	0.29%	0.43	Class 1	Not hydric	C	Somewhat poorly drained	None
LyB2	Lorenzo loam, 2 to 6 percent slopes, eroded	253.44	0.28%	0.24	-	Not hydric	B	Well drained	None
FmC2	Fox sandy loam, 6 to 12 percent slopes, eroded	224.93	0.25%	0.02	Class 2	Not hydric	B	Well drained	None
ScB	St. Charles silt loam, 2 to 6 percent slopes	201.55	0.22%	0.43	Class 1	Not hydric	B	Well drained	None
HtB	Houghton muck, 2 to 6 percent slopes	194.61	0.21%	-	-	All hydric	A/D	Very poorly drained	None

HeA	Hebron loam, 0 to 2 percent slopes	193.72	0.21%	0.43	-	Not hydric	B	Well drained	None
LDF	Landfill	193.63	0.21%	-	-	-	-	-	-
MhA	Matherton sandy loam, 1 to 3 percent slopes	186.79	0.21%	-	-	Not hydric	B	Somewhat poorly drained	None
DdB	Dodge silt loam, 2 to 6 percent slopes	186.57	0.20%	0.32	None (Deposition)	Not hydric	B	Well drained	None
OnB	Oshtemo sandy loam, 1 to 6 percent slopes	181.87	0.20%	0.28	-	Not hydric	B	Well drained	None
FoC2	Fox loam, 6 to 12 percent slopes, eroded	178.16	0.20%	0.32	Class 2	Not hydric	B	Well drained	None
SeA	St. Charles silt loam, gravelly substratum, 0 to 2 percent	167.33	0.18%	0.37	Class 1	Not hydric	B	Well drained	None
JuA	Juneau silt loam, 1 to 3 percent slopes	167.17	0.18%	0.49	-	Not hydric	B	Well drained	Occasional
VsA	Virgil silt loam, gravelly substratum, 0 to 3 percent slopes	166.04	0.18%	0.37	Class 1	Not hydric	B	Somewhat poorly drained	None
ShB	Saylesville silt loam, 2 to 6 percent slopes	163.13	0.18%	0.43	-	Not hydric	C	Well drained	None
CrF	Casco-Rodman complex, 30 to 45 percent slopes	154.81	0.17%	0.10	Class 1	Not hydric	B	Well drained	None
OuD2	Ozaukee silt loam, 12 to 20 percent slopes, eroded	143.68	0.16%	0.43	Class 2	Not hydric	C	Well drained	None
MxE	Miami loam, sandy loam substratum, 20 to 30 percent slopes	142.92	0.16%	0.37	-	Not hydric	B	Well drained	None
KeA	Kane silt loam, 1 to 3 percent slopes	142.83	0.16%	-	-	Not hydric	B	Somewhat poorly drained	None
Mf	Marsh	141.00	0.15%	-	-	All hydric	A/D	Very poorly drained	Frequent
ScA	St. Charles silt loam, 0 to 2 percent slopes	139.45	0.15%	0.37	Class 1	Not hydric	B	Well drained	None
Mzb	Montgomery silty clay loam	137.16	0.15%	0.20	-	All hydric	D	Very poorly drained	None
HeB	Hebron loam, 2 to 6 percent slopes	136.53	0.15%	0.43	-	Not hydric	B	Well drained	None
Cv	Clayey land	136.01	0.15%	-	-	Not hydric	C	Moderately well drained	None
Wa	Wallkill silt loam	135.38	0.15%	0.32	-	All hydric	C/D	Very poorly drained	Frequent
DdA	Dodge silt loam, 0 to 2 percent slopes	132.64	0.15%	0.49	Class 1	Not hydric	B	Well drained	None
GrB	Grays silt loam, 2 to 6 percent slopes	132.26	0.15%	0.43	-	Not hydric	B	Well drained	None
FsC2	Fox silt loam, 6 to 12 percent slopes, eroded	127.75	0.14%	0.32	Class 2	Not hydric	B	Well drained	None
RkC2	Ritchey silt loam, 6 to 12 percent slopes, eroded	125.44	0.14%	0.32	-	Not hydric	D	Well drained	None

SaA	St. Charles sandy loam, gravelly substratum, 1 to 3 percent	120.08	0.13%	0.17	-	Not hydric	B	Well drained	None
HoC3	Hochheim soils, 6 to 12 percent slopes, severely eroded	114.01	0.13%	0.17	-	Not hydric	B	Well drained	None
SeB	St. Charles silt loam, gravelly substratum, 2 to 6 percent	108.78	0.12%	0.43	Class 1	Not hydric	B	Well drained	None
CcC2	Casco sandy loam, 6 to 12 percent slopes, eroded	102.87	0.11%	0.28	Class 2	Not hydric	B	Well drained	None
Mzk	Mussey loam	98.19	0.11%	0.24	-	All hydric	B/D	Poorly drained	None
BnB	Boyer sandy loam, 1 to 6 percent slopes	97.45	0.11%	-	-	Not hydric	B	Well drained	None
CcB	Casco sandy loam, 2 to 6 percent slopes	95.80	0.11%	0.32	Class 1	Not hydric	B	Well drained	None
CcD2	Casco sandy loam, 12 to 20 percent slopes, eroded	95.36	0.10%	0.24	-	Not hydric	B	Well drained	None
GwB	Griswold silt loam, mottled subsoil variant, 2 to 6 percent slopes	90.84	0.10%	0.32	-	Not hydric	C	Somewhat poorly drained	None
GtB	Griswold silt loam, 2 to 6 percent slopes	77.60	0.09%	-	-	Not hydric	B	Well drained	None
WeC2	Warsaw loam, 6 to 12 percent slopes, eroded	69.31	0.08%	0.02	Class 2	Not hydric	B	Well drained	None
LyC2	Lorenzo loam, 6 to 12 percent slopes, eroded	68.32	0.07%	0.24	-	Not hydric	B	Well drained	None
CfC3	Casco soils, 6 to 12 percent slopes, severely eroded	64.75	0.07%	0.28	-	Not hydric	B	Well drained	None
MvB	Miami sandy loam, sandy loam substratum, 2 to 6 percent slopes	61.91	0.07%	0.17	-	Not hydric	B	Well drained	None
Ru	Rollin muck, deep	59.89	0.07%	0.43	None (Deposition)	All hydric	B/D	Very poorly drained	None
HoE3	Hochheim soils, 20 to 30 percent slopes, severely eroded	51.33	0.06%	-	-	Not hydric	B	Well drained	None
RkE	Ritchey silt loam, 12 to 30 percent slopes	50.24	0.06%	0.32	-	Not hydric	D	Well drained	None
FnB	Fox sandy loam, loamy substratum, 2 to 6 percent slopes	40.59	0.04%	0.24	-	Not hydric	B	Well drained	None
Rv	Rollin muck, shallow	35.26	0.04%	-	-	All hydric	B/D	Very poorly drained	None
CrC2	Casco-Rodman complex, 6 to 12 percent slopes, eroded	35.16	0.04%	0.02	Class 2	Not hydric	B	Well drained	None
Mzg	Muskego muck	30.53	0.03%	-	-	All hydric	A/D	Very poorly drained	None
ShB2	Saylesville silt loam, 2 to 6 percent slopes, eroded	29.46	0.03%	0.43	-	Not hydric	C	Well drained	None
Hu	Houghton mucky peat	29.25	0.03%	-	None (Deposition)	All hydric	A/D	Very poorly drained	Frequent
LyD2	Lorenzo loam, 12 to 20 percent slopes, eroded	29.21	0.03%	0.24	-	Not hydric	B	Well drained	None

Sf	Sandy and gravelly land	28.54	0.03%	-	-	Not hydric	B	Moderately well drained	None
Am	Alluvial land	26.88	0.03%	-	-	Not hydric	B	Somewhat poorly drained	Occasional
FtB	Fox silt loam, loamy substratum, 2 to 6 percent slopes	24.10	0.03%	0.43	-	Not hydric	B	Well drained	None
MvC2	Miami sandy loam, sandy loam substratum, 6 to 12 percent slopes, eroded	21.69	0.02%	0.17	-	Not hydric	B	Well drained	None
WdB	Warsaw sandy loam, 2 to 6 percent slopes	19.92	0.02%	0.15	-	Not hydric	B	Well drained	None
CtB	Chelsea fine sand, 1 to 6 percent slopes	19.40	0.02%	0.05	-	Not hydric	A	Excessively drained	None
BmB	Boyer loamy sand, 1 to 6 percent slopes	16.15	0.02%	0.15	-	Not hydric	B	Well drained	None
BmC2	Boyer loamy sand, 6 to 12 percent slopes, eroded	10.25	0.01%	0.20	Class 2	Not hydric	B	Well drained	None
WmA	Wasepi sandy loam, 1 to 3 percent slopes	9.98	0.01%	0.20	-	Not hydric	B	Somewhat poorly drained	None
GtC2	Griswold silt loam, 6 to 12 percent slopes, eroded	9.85	0.01%	-	-	Not hydric	B	Well drained	None
LmA	Lamartine silt loam	8.01	0.01%	0.28	None (Deposition)	Not hydric	C	Somewhat poorly drained	-
Gd	Gilford loam	7.47	0.01%	0.24	-	All hydric	B/D	Very poorly drained	None
GrA	Grays silt loam, 0 to 2 percent slopes	5.90	0.01%	0.43	-	Not hydric	B	Well drained	None
ShC2	Saylesville silt loam, 6 to 12 percent slopes, eroded	5.41	0.01%	0.43	-	Not hydric	C	Well drained	None
Pc	Palms mucky peat	5.28	0.01%	-	None (Deposition)	All hydric	A/D	Very poorly drained	Frequent
MzkA	Mussey loam	3.52	0.00%	0.28	-	All hydric	B/D	Somewhat poorly drained	Frequent
FaA	Fabius loam, 1 to 3 percent slopes	2.97	0.00%	0.32	-	Not hydric	B	Somewhat poorly drained	None
M-W	Miscellaneous water	2.61	0.00%	-	-	-	-	-	-
HeC2	Hebron loam, 6 to 12 percent slopes, eroded	2.46	0.00%	0.43	-	Not hydric	B	Well drained	None
ShA	Saylesville silt loam, 0 to 2 percent slopes	1.92	0.00%	0.43	-	Not hydric	C	Well drained	None
Lo	Lawson silt loam	1.85	0.00%	0.37	-	Not hydric	C	Somewhat poorly drained	Frequent

RaA	Radford silt loam	1.74	0.00%	0.55	Class 1	Not hydric	B	Somewhat poorly drained	Rare
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Appendix F
Streambank Stabilization Analysis

Table 4
Erosion Area Prioritization
Southeastern Wisconsin Fox River Commission



River Mile	Field Description	Length (feet)	Shoreline Height (ft)	Shoreline Area	Erosion Area	Erosion Rate (ft/year)	Geomorphic Position	Adjacent Area	Map Reference	Erosion Weight	Length Weight	Bank Height Weight	Erosion Weight Rate	Total Weight =(AxBxCxD)^.5	Priority Ranking
										A	B	C	D		
172.1	Moderate Erosion	900	4-5	71	22	1.5	Outside of Curve	Wooded Upland	3-13, 4-14	3	30	5	2.5	33.5	1
168.3	Moderate Erosion	960	4-6	111	NA	No Data	Outside of Curve	Farm Field with Minor Buffer	3-13	3	31	6	1	23.6	2
154.6	Moderate Erosion	390	2-4	250	106A	1	Outside of Curve	Wooded Upland and Abandoned Railway	3-7, 4-7	3	20	4	2	21.8	3
149.1	Moderate Erosion	360	8	313	NA	No Data	Outside of Curve	Wooded Upland	3-5	3	19	8	1	21.3	4
175.75	Moderate Erosion	300	3-5	28	6	0.7	Outside of Curve	River Terrace	3-16, 4-16	3	17	5	1.7	21.0	5
171.8	Moderate Erosion	390	4-7	74	NA	No Data	Outside of Curve	Openlands	3-14	3	20	7	1	20.4	6
149.6	Minor Erosion	810	5-7	306	NA	No Data	Outside of Curve	Farm Field without Buffer	3-5	2	28	7	1	20.0	7
164.8	Moderate Erosion	210	6-8	149	NA	No Data	Outside of Curve	Openlands	3-12	3	14	8	1	18.6	8
169.3	Minor Erosion	860	1-2	98	35	1.5	Outside of Curve	River Terrace	3-13, 4-13	2	29	2	2.5	17.1	9
166.8	Moderate Erosion	750	1-3	129	NA	No Data	Outside of Curve	Wooded Upland	3-12	3	27	3	1	15.7	10
172.1	Minor Erosion	320	>2	69	22A	1.2	Outside of Curve	River Terrace	3-14, 4-14	2	18	3	2.2	15.4	11
151.1	Minor Erosion	540	1-3	290	118	0.5	Straight Section	Farm Field without Buffer	3-6, 4-6	2	23	3	1.5	14.5	12
169.7	Minor Erosion	320	1-2	93	33	1.5	Outside of Curve	River Terrace	3-13, 4-13	2	18	2	2.5	13.4	13
168.7	Minor Erosion	300	1-2	103	38	1.5	Outside of Curve	River Terrace	3-13, 4-13	2	17	2	2.5	13.2	14
167.9	Moderate Erosion	320	Sloping	116	NA	No Data	Outside of Curve	Wooded Upland	3-13	3	18	3	1	12.7	15
156.9	Minor Erosion	690	Sloping	229	NA	No Data	Outside of Curve	Farm Field without Buffer	3-8	2	26	3	1	12.6	16
165.1	Minor Erosion	210	1-2	151	58	1.2	Outside of Curve	River Terrace	3-12, 4-12	2	14	2	2.2	11.3	17
160.5	Moderate Erosion	130	Sloping	195	NA	No Data	Straight Section	Residential Yards	3-10	3	11	3	1	10.1	18
161.1	Stable	390	Sloping	188	NA	No Data	Straight Section	Farm Field without Buffer	3-10	1	20	3	1	7.7	19

A - Erosion weight was based on a numerical value of 4 being assigned to areas of major erosion, 3 to areas of moderate erosion, 2 to areas of minor erosion and 1 to stable areas.

B - Length weight was based on the square root of the length of eroding bank.

C - Height weight was based on the height of the eroding bank. Areas of bank that were sloped were assigned a height of 3 feet.

D - Erosion rate weight was based on the erosion rate estimated from shift in bank location added to 1. Areas without estimated rates were assigned a value of 1.

NRCS Streambank Erosion Estimator (Direct Volume Method)

Farmer / Cooperator Name:
 Tract Number:

Evaluated By:
 Evaluation Date:

Field Number	Eroding Streambank Reach Number	Eroding Bank Length (Feet)	Eroding Bank Height * (Feet)	Area of Eroding Streambank (FT ²)	Lateral Recession Rate (Estimated) (FT / Year)	Estimated Volume (FT ³) Eroded Annually	Soil Texture	Approximate Pounds of Soil per FT ³	Estimated Soil Loss (Tons/Year)
GRAEF Study	172.1	900.0	4.5	4,050	1.50	6,075.0	Clay Loam	85	258.2
	168.3	960.0	5.0	4,800	0.50	2,400.0	Clay Loam	85	102.0
	175.75	300.0	4.0	1,200	0.70	840.0	Clay Loam	85	35.7
	171.8	390.0	5.5	2,145	0.50	1,072.5	Clay Loam	85	45.6
	164.8	210.0	7.0	1,470	0.50	735.0	Clay Loam	85	31.2
	169.3	860.0	1.5	1,290	1.50	1,935.0	Clay Loam	85	82.2
	166.8	750.0	2.0	1,500	0.50	750.0	Clay Loam	85	31.9
	172.1	320.0	2.0	640	1.20	768.0	Clay Loam	85	32.6
	169.7	320.0	1.5	480	1.50	720.0	Clay Loam	85	30.6
	168.7	300.0	1.5	450	1.50	675.0	Clay Loam	85	28.7
	167.9	320.0	1.0	320	0.50	160.0	Clay Loam	85	6.8
	165.1	210.0	1.5	315	1.20	378.0	Clay Loam	85	16.1
	160.5	130.0	1.0	130	0.50	65.0	Clay Loam	85	2.8
161.1	390.0	1.0	390	0.50	195.0	Clay Loam	85	8.3	
Total Estimated Annual Streambank Erosion Soil Loss (Tons):									712.7

Grand Total Estimated Annual Streambank Erosion Soil Loss (Tons): 712.7

* Eroding bank height is measured along the bank, not the vertical height of bank.

Streambank Erosion Calculation Formula:

$$\frac{\text{Eroding Bank Length} \times \text{Eroding Bank Height} \times \text{Lateral Recession Rate (FT/YR)} \times \text{Soil Weight (lbs/ft}^3\text{)}}{2000} = \text{Estimated Soil Loss Per Year (Tons)}$$

<i>Field Number</i>	<i>Eroding Streambank Reach Number</i>	<i>Estimated Soil Loss (Tons/Year)</i>	<i>Estimated Soil Loss (Pounds/Year)</i>	<i>Estimated Soil Loss (Kgs/Year)</i>	<i>Phosphorous Concentration (ppm)</i>	<i>Estimated Phosphorous Loss (Kgs/year)</i>	<i>Estimated Phosphorous Loss (Lbs/year)</i>
GRAEF Study	172.1	258.2	516375	234716	575	135.0	296.9
	168.3	102.0	204000	92727	575	53.3	117.3
	175.75	35.7	71400	32455	575	18.7	41.1
	171.8	45.6	91162.5	41438	575	23.8	52.4
	164.8	31.2	62475	28398	575	16.3	35.9
	169.3	82.2	164475	74761	575	43.0	94.6
	166.8	31.9	63750	28977	575	16.7	36.7
	172.1	32.6	65280	29673	575	17.1	37.5
	169.7	30.6	61200	27818	575	16.0	35.2
	168.7	28.7	57375	26080	575	15.0	33.0
	167.9	6.8	13600	6182	575	3.6	7.8
	165.1	16.1	32130	14605	575	8.4	18.5
	160.5	2.8	5525	2511	575	1.4	3.2
	161.1	8.3	16575	7534	575	4.3	9.5
Total Estimated Annual Phosphorous Loss (Lbs):							819.6

Grand Total Estimated Annual Phosphorous Loss (Lbs):	819.6
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Committee/Board:	Committee of Whole
Topic:	Chapman Farm Amended Preliminary Resolution
From:	Jerad Wegner
Department:	Engineering
Presenter:	Jerad Wegner
Date of Committee Action (if required):	August 7, 2019
Date of Village Board Action (if required):	

Information

Subject: The amended preliminary resolution details the Village's intent to special assess for infrastructure improvements, particularly to the Chapman Farm development. The improvements include 1,600 linear feet of twelve inch sanitary sewer, 900 linear feet of twelve inch water main, street and storm sewer, and traffic signals at the intersection of STH 83 and Chapman Farm Boulevard.

Background Information/Rationale: This amended preliminary resolution includes the special assessment of the proportionate value of the signalized intersection at STH 83 and Chapman Farm Boulevard as well as the inclusion of parcels MUKV 1957997 and MUKT 1957998, as directed by the Village Board on May 15, 2019.

Key Issues for Consideration: This amended preliminary resolution now includes language that allows the Village to special assess a proportionate value of the signalized intersection at STH 83 and Chapman Farm Boulevard, in addition to the street, water, and sewer infrastructure improvements.

Fiscal Impact (If any): The preliminary resolution will set into motion the ability for the Village to special assess for public infrastructure improvements previously completed for the Chapman Farm development.

Requested Action by Committee/Board: Adopt the amended preliminary resolution for the Chapman Farm development.

Attachments

Amended Preliminary Resolution

VILLAGE OF MUKWONAGO
AMENDED PRELIMINARY RESOLUTION DECLARING THE INTENT TO LEVY
SPECIAL ASSESSMENTS UNDER THE VILLAGE OF MUKWONAGO'S POLICE
POWER ACTING PURSUANT TO WIS. STAT. §66.0703

WHEREAS, the Village of Mukwonago, is desirous of extending sanitary sewer and water main service that would benefit the properties shown on the attached map, Exhibit A; and

WHEREAS, this project would involve 1,600 linear feet of twelve (12") inch sanitary sewer main and its appurtenances; and

WHEREAS, this project would also involve the installation of approximately 900 feet of twelve (12") inch water main and its appurtenances; and

WHEREAS, this project would also involve the construction of traffic signals adjacent to the project area on public streets that serve the project area; and

WHEREAS, the Village is desirous of recovering the cost for the installation of these utilities and the appropriate portion of traffic signal costs from the benefited properties in accordance with the Village's Water Rate Tariff from the PSC and Section 70-7, 70-8, 70-9 and 70-14 of the Village's Code, as well as Wisconsin Statute §66.0703.

NOW, THEREFORE, be it resolved by the Village Board of the Village of Mukwonago, as follows:

1. The Village Board does hereby declare its intention to exercise its police power under Wisconsin Statute Section 66.0703 and Chapter 70 of the Village of Mukwonago Municipal Code to levy special assessments upon property in the Assessment District hereinafter described on the attached map, Exhibit A, for benefits incurred upon such property by reason of the following public works and improvements, more specifically the sanitary sewer and water mains and related structures and the appropriate portion of the traffic signal costs as described above.

2. The property to be assessed lies within the following described Assessment District, which is more specifically described in the attached map, Exhibit A.

3. Before the improvements are made, the Village of Mukwonago shall cause water and sewer pipes to be laid across easements acquired for the installation of said sanitary sewer and water mains in the Assessment District. The Village shall keep an accurate account of the expenses incurred by virtue of the linear footage of sanitary sewer and water main for those parcels that are being served by said mains as depicted on the attached Exhibit A. Said expenses shall be reported to the Village Board, which shall cause the amount charged to each lot to be entered on the Tax Roll as a special tax against each said lot.

4. The total amounts assessed against the properties in the described Assessment District shall not exceed the costs of installation of eight (8") inch sanitary sewer and water mains and laterals. To the extent that twelve (12") inch mains are actually installed, the assessments provided for hereunder shall be limited to only the cost of the installation of an eight (8") inch main. The difference in costs between the 12" main actually installed and the 8" main being assessed for shall be recovered through Impact Fee or from the Village itself.

5. The traffic signals installed at State Highway 83 and Chapman Farms Boulevard shall be assessed to the properties with the Assessment District by taking the percentage of vehicles using the western leg of Chapman Farms Boulevard compared to the total trips for the entire intersection and distributing that amount based upon the area of the properties that benefit. The data for the trip shall be taken from the Traffic Impact Analysis used to establish the warranted signal.

6. The Village Board determines that the aforementioned improvements constitute an exercise of the Village's police power for the health, safety and general welfare of the Village and its inhabitants.

7. The Village Engineer shall prepare a report which shall consist of:

- A. The preliminary plans and specifications for the improvements;
- B. An estimate of the entire cost of the proposed street, curb, gutter, sanitary sewer and water main improvements; and
- C. A schedule of the proposed assessments and the method for determining the assessment for each property.

When the report is completed, the Village Engineer shall file a copy of the report with the Village Clerk/Treasurer for public inspection and if State property is to be assessed, shall mail a copy of the report to the responsible State Agency for assessments of \$50,000.00 or more to the Wisconsin State Building Commission.

8. Upon receiving the report of the Village Engineer, the Village Clerk/Treasurer shall cause Notice to be given, stating the nature of the proposed improvements; the general boundary lines of the proposed Assessment District (including a small map thereof); the time/place that which the report may be inspected; and the time/place of the public hearing on the matters contained in the preliminary resolution and report. The Notice shall be published as a Class I Notice under Chapter 985 of the Wisconsin Statutes, and shall be mailed at least ten (10) days before the hearing to every interested party whose address is known or can be ascertained with reasonable diligence.

9. The hearing shall be held in the Village Board Room at the Mukwonago Village Hall, 440 River Crest Court, Mukwonago, Wisconsin, 53149, at a time set by the Village Clerk/Treasurer in accordance with Wisconsin Statute Section 66.0703(7).

10. The assessment against any parcel may be paid in cash or in annual installments, the number of which shall be determined at the public hearing, as well as the interest to be assessed for the installment payments, and following action by the Village Board on the proposed assessments.

Dated this _____ day of _____, 2019.

APPROVED:

Attestation:

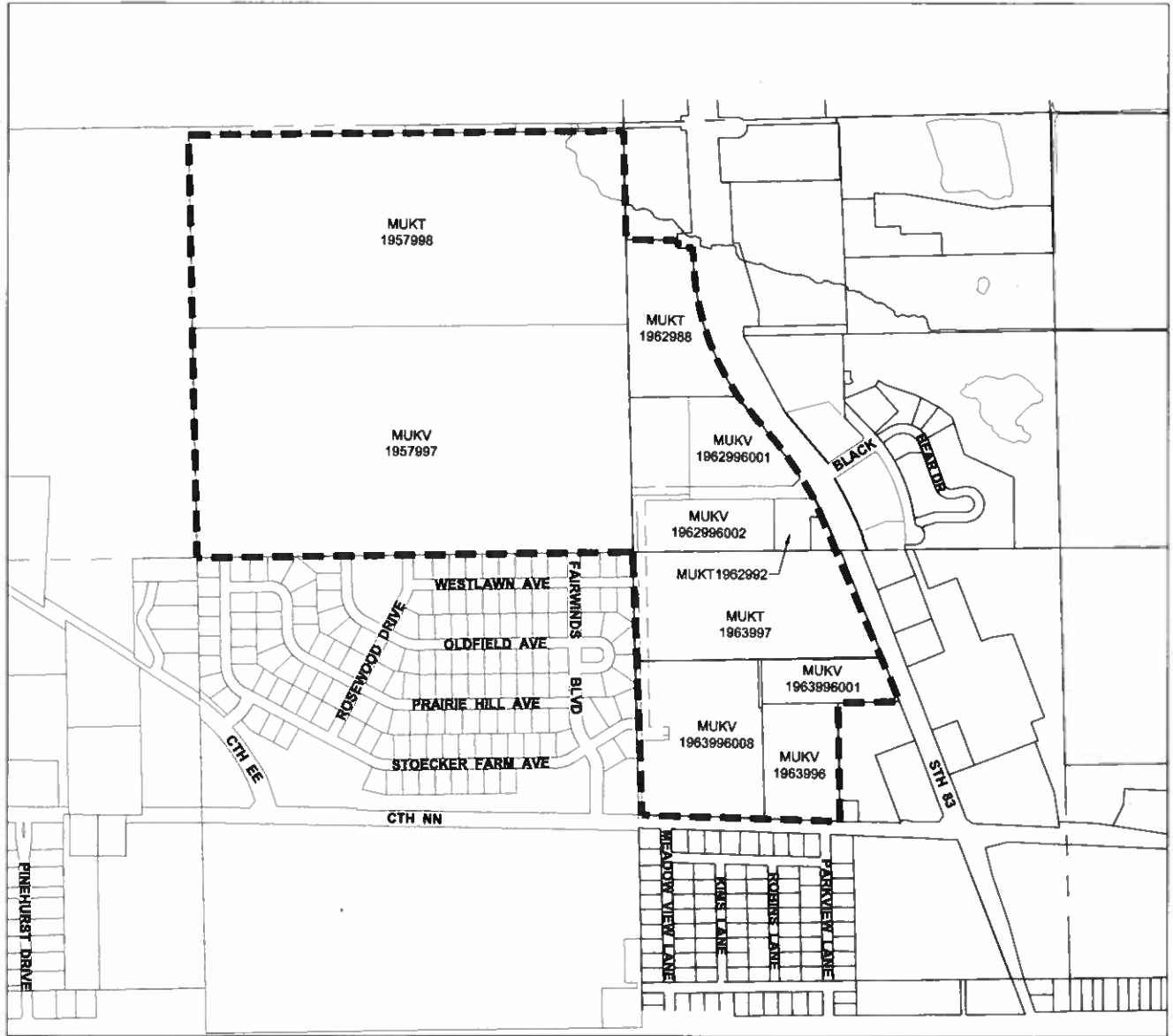
Fred Winchowky, Village President

Diana Dykstra, Village Clerk/Treasurer

EXHIBIT 1

PROPERTY ASSESSMENT AREA

VILLAGE OF MUKWONAGO WAUKESHA COUNTY, WISCONSIN



LEGEND

- ASSESSMENT AREA
- MUKV 1963995 TAX KEY



Mukwonago - Place of the Bear
a Waukesha County blue chip community



DATE: JUNE, 2019

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SOURCE:
BASEMAP SOURCE:

Jun 04, 2019 12:01pm PLOTTED BY: HReutermon SAVED BY: HReutermon
C:\CD\12_Mukwonago\92136_Vowq\Zcex-- Assessment Area-1.dwg Layout1
IMAGES: C:\STM\RM 500\ARE_Full Color-Print.jp0;
REFERENCES: G:\CD\12_Mukwonago\10088\Face.dwg; G:\CD\12_Mukwonago\92136_Vowq\Zcex-- Assessment Area-1.dwg; G:\CD\12_Mukwonago\92136_Vowq\Zcex-- Assessment Area-1.dwg

**DEVELOPMENT AGREEMENT FOR DEVELOPMENT IMPROVEMENTS FOR THE
MEADOWLAND TOWNHOMES (APARTMENTS) DEVELOPMENT
VILLAGE OF MUKWONAGO ~~(March 28, 2019 Draft)~~**

THIS AGREEMENT is made and entered into this ____ day of _____, 2019, by and between Meadowland Townhomes, LLC, hereinafter referred to as the “**DEVELOPER**”, and the Village of Mukwonago, hereinafter referred to as the “**MUNICIPALITY**”, a Wisconsin municipal corporation located in Waukesha and Walworth Counties, Wisconsin, for the Meadowland Townhome Development at the northwest corner of County Trunk Highway NN (a/k/a Veterans Parkway) and County Trunk Highway EE.

RECITALS

WHEREAS, DEVELOPER has gained **MUNICIPALITY** approval to construct twelve (12) residential rental units on 2.54 acres pursuant to Resolution No. 2018-070 approved by **MUNICIPALITY** on November 18, 2018 (shown as **EXHIBIT A**), and

WHEREAS, the subject property is zoned by **MUNICIPALITY** as R-5 Low Density Multi-Family Residential District, and

WHEREAS, approval of said development includes installation of certain public improvements and completion of site improvements within the public right-of-way and within the subject property (shown on **EXHIBIT B**), and

WHEREAS, the **DEVELOPER** and **MUNICIPALITY** desire to memorialize their agreed upon terms of development within this **AGREEMENT**.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties do hereby covenant and agree as follows:

I. DEVELOPER OBLIGATIONS

1. **DEVELOPER** agrees to extend public sanitary sewer and water main lines (Village utilities) to the northern property line as shown on **EXHIBIT B**. If all or portion of the Village utilities lie within the subject property, **DEVELOPER** shall provide **MUNICIPALITY** with easements for the Village utilities in a form ~~subject to~~ ~~for~~ approval ~~of~~ ~~by~~ the **MUNICIPALITY** attorney. Said easements shall be recorded in the Office of the Waukesha County Register of Deeds in conjunction with the recording of this document.
2. **DEVELOPER** agrees to extend the multi-use trail that exists along the north side of County Trunk Highway NN east of County Trunk Highway EE across the intersection of the highways with pavement markings and along County Trunk Highway NN adjacent to the subject site as shown on **EXHIBIT B**, subject to approval of the Waukesha County Highway Department.
3. **DEVELOPER** agrees to construct and maintain the emergency access to County ~~Trunk~~ ~~Trunk~~ Highway NN as shown on **EXHIBIT B** and approved by **MUNICIPALITY**, subject to approval of the Waukesha County Highway Department.
4. **DEVELOPER** shall adhere to conditions of approval appearing within **EXHIBIT A**.

Commented [MGB1]: We generally list the specific plans and specs related to the agreement, e.g. landscaping plans, our insurance specifications, public improvement plans and specs, public improvement costs for purposes of the surety.

Commented [MGB2]: Normally we have a section attributable to each public improvement, water, sewer, storm water. Is that not needed here given the size of the development?

5. **DEVELOPER** must comply with all storm water control regulations and erosion control as established by **MUNICIPALITY**, and shall conform to the Storm Water Maintenance Agreement attached as **EXHIBIT C**.
6. **DEVELOPER** agrees to obtain all permits necessary to make the improvements to the Property as required by the approving agencies with jurisdiction.
7. Upon approval, the plans and specifications as provided for in **EXHIBIT B** approved by **MUNICIPALITY** Public Works Director, Utilities Director, and Village Engineer, the **DEVELOPER** shall promptly commence and diligently pursue and complete the installation of certain public improvements and completion of site improvements within the public right-of-way and site improvements within the subject property, and not the actual construction of the buildings on the subject property, within twelve (12) months after the written approval from Village Engineer to **DEVELOPER** with authorization to commence construction of the approved plans as noted herein. The **DEVELOPER** agrees to construct the project in accordance with the approved plans and specifications and in compliance with all other applicable rules and standards of the **MUNICIPALITY**.

Storm Water Management Structures:

a. The SUBDIVIDER shall install all storm water management facilities including related public and private storm sewers required by the approved storm water management plan.

Revised 6/25/15

MUNICIPALITY Ordinance and the plans and specifications approved by the MUNICIPAL ENGINEER. Developer shall furnish the Village with reproducible approved plans of the storm water system for the SUBDIVISION prior to Village acceptance of dedication of the public storm water management facilities located within the road right-of-way.

b. The SUBDIVIDER shall be responsible for the maintenance of all required storm water facilities located inside the SUBDIVISION prior to acceptance of the storm sewer facilities by the MUNICIPALITY. After such acceptance of the storm sewer facilities the SUBDIVIDER shall remain responsible for the maintenance of the storm water facilities until the creation of the SUBDIVISION owner's association and the assignment of the maintenance responsibilities to the owner's association. Maintenance shall include the responsibility of cleaning of storm water facilities of construction debris to assure that they perform adequately. SUBDIVIDER shall enter in to an agreement with the existing Orchards of Mukwonago owner's association relating to the sharing of costs for the maintenance of the existing storm water drainage pond located in the South West corner of The Orchards of Mukwonago.

c. All underground services shall be constructed according to MUNICIPAL specifications and/or as reasonably required by

1. Department Heads and Village Engineers.

II. INSURANCE

1. **DEVELOPER**, its contractors, subcontractors, lessees, successors and/or assigns shall, during their occupancy of the Property purchase or cause to be purchased, and continuously maintain in effect, insurance against such risks, both generally and specifically, with respect to the development as are customarily insured against in developments of like size and character, including, but not limited to, casualty insurance, comprehensive general liability insurance, physical damage insurance, builders risk insurance and other forms of insurance reasonably required, in the same form as other Wisconsin municipal entities. Such insurance shall be retained in such amounts and with terms of coverage generally customary to such Property and acceptable as to limits and form by the MUNICIPALITY. Such insurance shall name the **MUNICIPALITY** as an additional insured as its interests may appear on a primary and non-contributory basis. Said insurance shall further provide that notice will be provided to **MUNICIPALITY** in the event of cancellation or material modification of the policy not less than thirty (30) days prior to said cancellation, except in the event of cancellation for nonpayment of premium in which case the notice shall not be less than ten (10) days. Said insurance shall be documented by an endorsement in a form satisfactory to the **MUNICIPALITY**. In the event the Property is damaged, or partially or fully destroyed, **DEVELOPER** shall cause the insurance proceeds from such loss to be used to promptly repair and restore the Property to its original condition.

III. EVENTS OF DEFAULT

1. Failure by the **DEVELOPER** to cause substantial and material completion of the project to occur pursuant to the terms, conditions and limitations of this **AGREEMENT** or to fulfill any obligations, conditions, agreements or covenants under this **AGREEMENT** shall be considered an event of default.
2. Failure of the **DEVELOPER** to observe or perform any other covenant, condition, obligation or agreement on its part to be observed or performed under this **AGREEMENT** within thirty (30) days after receipt of written notice of default from the **MUNICIPALITY** specifying such default, shall also be considered an event of default. In the event that the default is such that immediate harm to person or property may result from such default, the **DEVELOPER** shall be given five (5) days written notice to cure such default.
3. Remedies of Default. Whenever an event of default as referred occurs, the **MUNICIPALITY** may take any one or more of the following actions:
 - a) The **MUNICIPALITY** may suspend its performance under this **AGREEMENT** until it receives assurances from the **DEVELOPER**, deemed adequate by the **MUNICIPALITY**, that the **DEVELOPER** will cure its default and continue its performance of this Agreement;
 - b) In the case of an event of default which occurs prior to completion of the installation of certain public improvements and completion of site improvements with the public right-of-way, the **MUNICIPALITY** will have the right to enter the property and complete the improvements to draw upon the Letter of Credit to reimburse the **MUNICIPALITY** for this expense.
 - c) The **MUNICIPALITY** may take any action, including legal or administrative action in law or equity, which may reasonably be necessary or desirable to enforce performance and the observance of the obligations set forth herein.

These remedies shall not be deemed to be exclusive and the **MUNICIPALITY** shall have the right to pursue all rights or remedies available to it under applicable Wisconsin law. No delay or omission in pursuing any rights in the event of a default shall impair such right or power or shall be construed to be a waiver thereof. Such rights may be exercised from time to time as may be deemed expedient by the Village.

4. Whenever an event of default occurs and the **MUNICIPALITY** shall employ attorneys or other professionals or incur other expenses for the collection of payments due or to become due, or for the enforcement or performance or observance of any obligations or agreements on the part the **DEVELOPER** herein contained. The **DEVELOPER** agrees it shall, on demand thereof, pay the **MUNICIPALITY** the reasonable fees of such attorneys, or other professionals and such other expenses as may be incurred by the **MUNICIPALITY**.
5. Indemnification. **DEVELOPER** covenants and agrees that the **MUNICIPALITY** its governing body, members, officers, agents, including independent contractors, consultants, legal counsel, servants and employees, hereinafter collectively referred to as the "Indemnified Parties" shall not be liable for and **DEVELOPER** agrees to jointly and severally indemnify and hold harmless the Indemnified Parties against any loss or damage to the Property or any injury to or death of any person occurring at or about or resulting from any defect in the project or from any costs or claim, including actual attorney fees, which may result from the **DEVELOPER'S** default under this **AGREEMENT**, except for any willful misrepresentation or any willful wanton misconduct of the Indemnified Parties, the **DEVELOPER** agrees to protect and defend the Indemnified Parties now and forever and further agrees to hold the aforesaid Indemnified Parties harmless from any claim, demand, suite, action or other proceedings whatsoever by any person or entity whatsoever arising or purportedly arising from the actions or inactions of the **DEVELOPER** (or other persons acting on its behalf or under its direction or control) under this Agreement or the transactions contemplated hereby or the acquisition, construction, installation, ownership and operation of the project.

IV. SURETY

1. **DEVELOPER** agrees to provide the **MUNICIPALITY** with estimates of the cost of the completion of the installation of on-site public improvements within easements granted to **MUNICIPALITY** and completion of public improvements within public right-of-ways in accordance with the terms of this **AGREEMENT**. The **MUNICIPALITY** shall review these estimates and shall approve the use of these estimates for the cost to complete the public improvements for the surety.
2. The **DEVELOPER** agrees to post a surety in the form of an irrevocable standby letter of credit in a form acceptable to the **MUNICIPALITY** which secures the performance of the construction work for the public improvements as provided for hereunder in the amount consistent with the approved estimate plus 20 percent.
3. Said surety shall remain in full force and effect until one year following the **MUNICIPALITY** acceptance of the public improvements.
4. During the course of construction, the **DEVELOPER** agrees to maintain such safety measures, signage, barriers and necessary traffic control direction as to protect the public from injury or damage during the course of the construction work. Said measures shall be in accordance with applicable traffic control standards and requirements including but not limited to the manual of uniform traffic control devices.

5. The **MUNICIPALITY** agrees to reduce the Letter of Credit based upon the acceptance of completed improvements by the **MUNICIPALITY**. The reduction of the Letter of Credit will be in the sole discretion of the **MUNICIPALITY** Village Board upon recommendation of the Village Engineer.
6. If **DEVELOPER** does not accurately complete the required work or the completed work is substandard in accordance with the **MUNICIPALITY** development standards and other applicable Codes, or if not less than 30 days prior to the expiration of the Surety, the **DEVELOPER** has not provided evidence of the renewal of the Surety, the **MUNICIPALITY** shall be entitled to draw upon the Surety and shall use the full Surety, or portions thereof, to complete the work by **MUNICIPALITY** Staff or through a contractor. If **DEVELOPER** adequately completes the required public improvements and/or repairs to the public improvements and completion is accepted by the **MUNICIPALITY** Village Engineer after acceptance of as-built drawings, after written request by **DEVELOPER** the **MUNICIPALITY** shall reduce the Surety in an amount equal to not more than twenty (20%) percent of the completed public improvements for a period not to exceed twelve (12) months after the date of the public improvements for which the Surety was provided are substantially complete. The **MUNICIPALITY** Village Board shall approve the reduction and said approval shall not be unreasonably withheld.
7. As Built Plans. **DEVELOPER** shall furnish the **MUNICIPALITY** with electronic and reproducible _____ copies of all plans of sanitary sewer, storm water sewer and facilities and the public water supply system, including the location and elevation of laterals. Electronic copies of the plans shall be in the most current version of AutoCAD and in portable document format. The MUNICIPAL ENGINEER shall prepare "record drawings" of the improvements at DEVELOPER's expense within thirty (30) calendar days of receipt of the plans. These "record drawings are to be completed prior to the MUNICIPALITY acceptance of dedication.

V. MISCELLANEOUS

1. This **AGREEMENT** shall be governed and construed in accordance with the laws of the State of Wisconsin.
2. This **AGREEMENT** may be signed in any number of counterparts with the same effect as if the signatures thereto and hereto were on the same instrument.
3. This **AGREEMENT** may not be assigned without the express written permission of the **MUNICIPALITY**.
4. This **AGREEMENT** contains the entire **AGREEMENT** and understanding of the parties with respect to the subject matter hereof and may not be amended or modified except through an instrument executed by all parties hereto.
5. If any provision of the **AGREEMENT** shall be held, deemed to be or shall, in effect, be inoperative or unenforceable, the validity of any one or more phrases, sentences, clauses or sections contained in this Agreement shall not affect the remaining provisions or portions of this **AGREEMENT**.

6. The parties acknowledge that approval for the authority to execute this **AGREEMENT** has been obtained by the governing body of each party.
7. The provisions regarding indemnification and insurance shall survive the termination of this **AGREEMENT**.
8. The **DEVELOPER** and the **MUNICIPALITY** agree that there shall be no third-party beneficiaries of this Agreement.
9. In addition to the conditions otherwise set forth in this **AGREEMENT**, **DEVELOPER** shall pay to the **MUNICIPALITY** all required fees and charges, including payments or maintenance of an escrow account in favor of the **MUNICIPALITY** for incurred professional service charges. Said fees or the creation of an escrow account shall be made prior to the Village being required to issue any permit for the development of [this](#) Property.
10. **DEVELOPER** work on the Property shall start no sooner than 7:00 a.m., Monday through Saturday, during the months of November to February. During the months of March through October, work shall start no sooner than 6:30 a.m. Work shall not extend beyond 7:00 p.m. at any time. Work on the Property shall not occur on Sundays or National Legal Holidays. For purposes of this provision, “work” shall mean the producing of any sound caused by the construction, construction equipment or construction vehicles or material deliveries. The time limitations do not restrict early arrival for staging or after-hours cleanup by construction workers. The time limitations do not apply to construction work not controlled by the **DEVELOPER**, such as private or public utilities. However, **DEVELOPER** shall make every effort to maintain compliance with these limitations.
11. **DEVELOPER** shall, at all times, maintain surrounding rights-of-way free from dirt, gravel and construction debris. When construction work occurs within rights-of-way, the rights-of-way shall be free from dirt, gravel and construction debris prior to the end of the construction day. **DEVELOPER**, at all times, shall maintain the property and surrounding properties free from construction debris and employee waste. If **DEVELOPER** does not comply with the requirements of this paragraph, the **MUNICIPALITY** may, after written notice to the **DEVELOPER** and upon **DEVELOPER** failure to promptly and reasonably act to cure such matters, utilize **MUNICIPALITY** employees and equipment to maintain the area and charge these expenses to the **DEVELOPER**.
12. The **DEVELOPER** agrees to abide by such further orders or directions as may be reasonably given by the **MUNICIPALITY**, as may be necessary to implement and carry out the terms and intent of this **AGREEMENT**. It is expressly understood and agreed that the terms of this **AGREEMENT** are covenants running with the land and binding on the **DEVELOPER**, its successors and/or assigns.
13. **DEVELOPER** shall be responsible for the repair to existing roadways and infrastructure for damage caused as the result of the construction activities or construction on the Property. Areas of the Project that are within the jurisdiction of other governmental agencies, such as Waukesha County, or the State of Wisconsin Department of Natural Resources or the State of Wisconsin Department of Transportation shall be developed in accordance with the requirements of those agencies. Costs incurred by the **MUNICIPALITY** from other governmental jurisdictions related to this Project shall be reimbursed by the **DEVELOPER** within 30 days of invoicing.
14. All work performed under the provisions of this **AGREEMENT** shall be done in a good and workmanlike manner, and in accordance with all Codes, applicable rules and regulations, governing or affecting the Property.

Commented [MGB3]: Do we want this to be 7:00 am all year?

15. This Agreement shall be recorded with the Register of Deeds.
16. Acceptance of Work. The **MUNICIPALITY** shall review the **DEVELOPER** Public Improvements once completed and if acceptable to the **MUNICIPALITY** Engineer, accept such improvements as being in compliance with the standards and specifications of the **MUNICIPALITY**. Such review and acceptance where appropriate will occur within 60 days of written notice by the **DEVELOPER** that the **DEVELOPER** desires to have the **MUNICIPALITY** inspect and accept the improvements. At the option of the **MUNICIPALITY**, if the ground is frozen, the time for final inspection may be extended as necessary so that final inspection may take place in spring of the following year after vegetation has become established. Before obtaining acceptance of any work or any improvements, the **DEVELOPER** shall present to the **MUNICIPALITY** valid Lien Waivers from all persons providing materials or performing work on the improvements for which approval is sought. Acceptance by the **MUNICIPALITY** does not constitute a waiver by the **MUNICIPALITY** of the right to draw funds under the Letter of Credit because of defects in, or failure of, any improvement that is detected or which occurs following such acceptance. The **DEVELOPER** agrees that the dedication of the improvements and the required public improvements will not be accepted by the **MUNICIPALITY** until they have been reviewed and inspected for approval by the **MUNICIPALITY** Engineer and furthermore, until all outstanding **MUNICIPALITY** costs, including engineering and construction review charges, have been paid in full and Affidavits and Lien Waivers received by the **MUNICIPALITY** indicating the contractors and suppliers have been paid in full for all work and improvements furnished under this **AGREEMENT**. Sanitary sewer main and water main, and their respective service laterals, shall not be accepted until a complete breakdown of all construction, engineering and administrative costs incurred by the **DEVELOPER** are submitted to the **MUNICIPALITY** Engineer and **MUNICIPALITY** Clerk respectively. (This is necessary to aid in determining the sewer and water utilities value on the **MUNICIPALITY** Financial Statements.) In addition, the water system installation shall not be accepted until the **MUNICIPALITY** obtains a bacteriologically safe sample. The **MUNICIPALITY** shall flush the main, obtain the sample and have all tests completed as may be required by the **MUNICIPALITY** at **DEVELOPER** cost. Said lines shall be pressure tested and the sewer mains shall be televised showing that there are no leaks in the lines and no construction debris within the sewer. The acceptance of the water and sewer mains shall be further subject to the **DEVELOPER** providing verification that they have been constructed in accordance with the **MUNICIPALITY** Standards and Specifications. **DEVELOPER** needs to maintain and repair all required **DEVELOPER** Public Improvements until the **MUNICIPALITY** formally accepts said improvements. The **DEVELOPER** shall provide the **MUNICIPALITY** with electronic and reproducible copies of all improvement plans. Electronic copies of all improvement plans shall be in the most current version of AutoCAD. The **MUNICIPALITY** Engineer shall prepare record drawings of the improvements at **DEVELOPER** sole expense within 30 days of the binder course placement.
17. Warranty. **DEVELOPER** warrants and guarantees that the installation of the sanitary sewer and water mains installed on the Property for a period of one year from the date of final acceptance by the **MUNICIPALITY** of all improvements completed by the **DEVELOPER** under this **AGREEMENT** against defects, in installation or materials. If any defect shall appear during the guaranteed period, the **DEVELOPER** agrees to make the acceptable repairs of the defective work. This includes but is not limited to the storm water facilities. The guaranteed period shall continue for a period of one year after the acceptance by the **MUNICIPALITY** of the improvements. A Letter of Credit or bond shall remain in full force for the time that any portion of the improvements have yet to be completed, and a portion of the bond is deemed adequate by the **MUNICIPALITY** Engineer, but not to exceed 20% of the original Letter of Credit or bond, shall remain in force for the one-year guarantee period.

18. Utility Plans and Locations:

A. Utility Transformers, Pedestals and Boxes Location. Developer shall furnish, construct and install the electrical service facilities, including phone, cable and other communication facilities (transformers, pedestals and boxes) in accordance with the designed plans: **Work Order No. 4351825, dated: 4/29/2019 and modified 7/10/19, prepared by WE Energies and approved by the Village and the engineering firm representing the village.** Any modification to the approved plans must be submitted to the Municipality Zoning Administrator for review and final approval. Landscaping shall be installed on any transformers, pedestals or boxes located in the street or side yard must be completed within 6 months of the energizing of all service facilities or by, prior to the first occupancy permit obtained, whichever occurs first.

B. Natural Gas Facilities Location. Developer shall furnish, construct and install the natural gas service facilities in accordance with the designed plans: **Work Order No. 4351828, dated: 6/11/2019, prepared by WE Energies and approved by the Village and the engineering firm representing the village.** Any modification to the approved plans must be submitted to the Municipality Zoning Administrator for review and final approval.

C. Natural Gas Facility Relocation. Developer shall furnish, construct and install the natural gas facilities relocation in accordance with the designed plans: **Work Order No. 4355239, dated: 6/11/2019, prepared by WE Energies and approved by the Village and the engineering firm representing the village.** Any modification to the approved plans must be submitted to the Municipality Zoning Administrator for review and final approval.

Commented [MGB4]: Do we agree to the removal of this section?

19. Tracking Pad and Parking of Vehicles During Construction. On the first day of construction as approved by MUNICIPALITY engineer, DEVELOPER shall install a tracking pad onto the PROPERTY from either of the two adjacent public right-of-ways as approved by Waukesha County Highway Department, after which a gravel parking lot or lots shall be installed for the parking of construction vehicles, construction deliveries, vehicles of construction employees and other vehicles involved in the construction of all improvements, including installation of private utilities. The tracking pad shall remain in place until the gravel base of private drive to access

the residential buildings on the **PROPERTY** is completed. **DEVELOPER** shall adhere to all required erosion control measures during installation and usage of the tracking pad and on-site parking. No parking of construction vehicles, construction deliveries, vehicles of construction employees and other vehicles involved in the construction of all improvements, including installation of private utilities shall occur outside the boundary of **PROPERTY** after the first day of construction. Should **MUNICIPALITY** have the need to install signs to enforce these access parking restrictions on neighboring public right-of-ways, the cost of the signs and installation shall be borne by **DEVELOPER**. These parking restrictions include any vehicle involved with **MUNICIPALITY** inspection of construction. Notwithstanding the forgoing, construction vehicles used for the installation of utilities or other improvements that are installed outside of the **PROPERTY** may be parked outside of the **PROPERTY** when such off-**PROPERTY** work is taking place.

20. Building Permits. No building permits shall be issued for any of the residential buildings until the **MUNICIPALITY** has made all necessary approvals; utilities to serve the individual building sites are in place, inspected and accepted; a drivable year-round private drive (full asphaltic binder course pavement installed) is in place, inspected and accepted; all storm water management facilities have been completed, and all other required public improvements, except the final lift of asphalt, have been completed, inspected and approved. **MUNICIPALITY** shall provide written notice to **DEVELOPER** when all conditions within this paragraph have been satisfied to allow issuance of building permits. Notwithstanding the above, footing and foundation permits may be requested by **SUBDIVIDER** prior to acceptance as noted above with installation of the asphaltic binder course pavement on the private drive.
21. Payment of Fees. **DEVELOPER** shall be responsible for payment to **MUNICIPALITY** of all professional fees incurred during review, coordination and inspection of all activities related to **PROPERTY** development and installation of improvements. The fees may involve reimbursement of **MUNICIPALITY** staff time involving inspection of improvements and coordination with others to correct installation of improvements in accordance with **MUNICIPALITY** specifications.

Compliance With Agreement

The **DEVELOPER** shall fully comply with any and all provisions of this AGREEMENT and with all Municipal Ordinances, whether or not specifically addressed in this AGREEMENT including but not limited to:

1. Grading, Erosion Control and Barricade§.:

a. The **DEVELOPER** shall furnish, install, and maintain during construction and until the IMPROVEMENTS are accepted by the **MUNICIPALITY**, all barricades and signs as required by the Manual of Uniform Traffic Control Devices (MUTCD) at all points where new rights-of-way extend or intersect existing streets and all street ends. Signs and barricades shall be required, furnished, and installed so as to conform to the Manual of Uniform Traffic Control Devices.

b. The **DEVELOPER** shall obtain the approval of the **MUNICIPAL ENGINEER** for erosion and runoff control measures as required by the Municipal Ordinances prior to grading, utility installation or any other land disturbance activity.

22. Notice. Any notice required or permitted by this **AGREEMENT** shall be deemed effective when personally delivered in writing or transmitted via email to the emails set forth below, provided that the transmitting party retains evidence of the successful facsimile transmission or three (3) days after notice is deposited with the U.S. Postal Service, postage prepaid, certified, and return receipt requested, and addressed as follows:

If to **DEVELOPER**:

*John Donovan
Bielinski Homes
1830 Meadow Lane, Suite A,
Pewaukee, WI 53072.
Email: jdonovan@bielinski.com*

WITH COPIES TO:

*Tim Voeller
Bielinski Homes
1830 Meadow Lane, Suite A,
Pewaukee, WI 53072.
Email: tvoeller@bielinski.com*

If to **MUNICIPALITY**:

*Mukwonago Village Clerk
440 River Crest Court
Mukwonago, WI 53149
Email: ddykstra@villageofmukwonago.com*

WITH COPIES TO:

*[Jerad Wegner, P.E.](#)
Ruekert-Mielke, Inc.
W233 N2080 Ridgeview Parkway
Waukesha, WI 53188
Email: ralonge@ruekert-mielke.com*

23. Recordation. The **MUNICIPALITY** may record a copy of this **AGREEMENT** or Affidavit indicating the existence of this **AGREEMENT** in the Register of Deeds Office. The **DEVELOPER** shall pay all cost of recording.

24. No Vested Rights Granted.

Except as provided by law, or as expressly provided in this AGREEMENT, no vested right in connection with this project shall inure to the DEVELOPER. Nor does the MUNICIPALITY warrant by this AGREEMENT that the DEVELOPER is entitled to any other approvals required.

B. No Further Lot Division.

No lot shall be further divided or lot lines adjusted by DEVELOPER without MUNICIPALITY'S approval.

C. No Waiver.

No waiver of any provision of this AGREEMENT shall be deemed or constitute a waiver of any other provision, nor shall it be deemed or constitute a continuing waiver unless expressly provided for by a written amendment to this Agreement, nor shall this AGREEMENT be deemed a waiver of any subsequent default or defaults of

the same type. The MUNICIPALITY'S failure to exercise any right under this AGREEMENT shall not constitute the approval of any wrongful act by the DEVELOPER or the acceptance of any IMPROVEMENT.

.Amendment/Modification.

This AGREEMENT may be amended or modified only by a written amendment approved and executed by the MUNICIPALITY and the DEVELOPER

- 24. Personal Jurisdiction and Venue. Personal jurisdiction and venue for any civil action commenced by either party to this **AGREEMENT** whether arising out of or relating to the **AGREEMENT** or Letter of Credit shall be deemed to be proper only if such action is commenced in the Circuit Court for Waukesha County. The **DEVELOPER** expressly waives his/her/their right to bring such action in or to remove such action or any other court whether state or federal.
- 25. Impact Fees. **DEVELOPER** shall pay to the **MUNICIPALITY**, prior to the **MUNICIPALITY** issuance of a Building Permit for a lot in the **SUBDIVISION**, all sewer, water and park impact fees for that lot.
- 26. Effective Date. This **AGREEMENT** shall be effective as of the date and year first written above.

Dated as of the date first above written.

MUNICIPALITY:
Village of Mukwonago

MUNICIPALITY:
Village of Mukwonago

By: _____
Fred Winchowky, President
Clerk

By: _____
Diana Dykstra, Village

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally, came before me, this ___ day of _____, 2019, the above-named Fred Winchowky and Judith A. Taubert to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Print Name
Notary Public, State of Wisconsin
My Commission is permanent/expires: _____

DEVELOPER:
Meadowland Townhomes, LLC
By: Bielinski, LLC, sole member

By: _____
Frank Bielinski, Manager/Member

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally, came before me, this ____ day of _____, 2019, the above-named Frank Bielinski to me known to be the person who executed the foregoing instrument and acknowledged the same.

Print Name
Notary Public, State of Wisconsin
My Commission is permanent/expires: _____

W233 N2080 Ridgeview Parkway • Waukesha, WI 53188-1020 • Tel. (262) 542-5733

May 13, 2019

Mr. Fred Winchowky
Village President
Village of Mukwonago
P.O. Box 206
Mukwonago, WI 53149

Re: Meadowland Townhomes
Storm Water Maintenance Agreement

Dear President Winchowky:

We recommend the Village Board approve the attached storm water maintenance agreement for the Meadowland Townhomes development at the corner of CTH NN and CTH EE. This document follows the Village standard form and includes the required exhibits necessary prior to recording with the Register of Deeds. We have forwarded a copy of this document to Village Attorney Mark Blum so he may put it in the proper format for recording. We request the Village Board authorize the Village President to sign this agreement after it is converted to proper form and is signed by the appropriate party from the Owner.

After execution of the agreement by all parties, please return it to Village Attorney Mark Blum for recording. We ask that you provide us with a copy of the recorded document for our records.

If you or any board or staff member should have any questions regarding this, please feel free to contact me at (262) 542-5733.

Very truly yours,

RUEKERT & MIELKE, INC.



Peter W. Gesch
Project Engineer
pgesch@ruekert-mielke.com

Mr. Fred Winchowky
Village of Mukwonago
May 13, 2019
Page 2

PWG:pwg

Enclosure: Storm Water Maintenance Agreement

cc: John Weidl, Village of Mukwonago
Bob Harley, Village of Mukwonago
Tim Schwecke, Village of Mukwonago
Mark G. Blum, Village of Mukwonago
Dave Brown, Village of Mukwonago
Ron Bittner, Village of Mukwonago
Judy Taubert, Village of Mukwonago
Joshua D. Pudelko, P.E., Trio Engineering
Matthew Bailey, P.E., Trio Engineering
John Donovan, Bielinski Homes
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.
File

Meadowland Townhomes, LLC, as "Owner" of the property described in Exhibit A, in accordance with Chapter 34 of the Village of Mukwonago Municipal Code, agrees to install and maintain storm water management practices on the subject property in accordance with approved plans and Storm Water Permit conditions. The Owner further agrees to the terms stated in this document to ensure that the storm water management practices continue serving the intended functions in perpetuity. This Agreement includes the following exhibits:

Exhibit A: Legal Description of the real estate for which this Agreement applies ("Property").

Exhibit B: Location Map - shows an accurate location of each storm water management practice affected by this Agreement.

Exhibit C: Maintenance Plan - prescribes those activities that must be carried out to maintain compliance with this Agreement.

Exhibit D: Design Summary - contains a summary of key Engineering calculations and other data used to design the storm water management practices.

Exhibit E: As-built survey (to be recorded as an addendum) - shows a detailed "as-built" cross section and plan view of the storm water management practices.

Exhibit F: Engineering/Construction Verification (to be recorded as an addendum) - provides verification from the project engineer that the design and construction of the storm water management practices complies with all applicable technical standards and the Village's requirements.

NOTE: After construction verification has been accepted by the Village of Mukwonago, for all planned storm water management practices, an addendum(s) to this agreement shall be recorded by the Owner showing construction details and construction verification. The addendum(s) may contain several additional exhibits, as described below.

Through this Agreement, the Owner hereby subjects the Property to the following covenants, conditions and restrictions:

1. Upon execution of this Agreement, the Village shall record the Agreement at the Waukesha County or Walworth County Register of Deeds, as applicable. The recording of this Agreement shall be a condition for the issuance of a Storm Water Permit. An addendum to this Agreement shall be recorded upon project completion which shall include submittal of Exhibit E and Exhibit F in an acceptable form to the Village. The recording of Amendment #1 including Exhibit E and Exhibit F shall be a condition for the issuance of an occupancy permit.
2. The Owner shall construct, maintain and if necessary reconstruct the storm water management practices so as to maintain their compliance with applicable governmental, statutes, ordinances or rules. The Owner shall be responsible for the routine and extraordinary maintenance and repair of the storm water management practices identified in Exhibit B in accordance with the maintenance plan contained in Exhibit C.

3. The Owner shall, at their own cost inspect the storm water best management practices on an annual basis and maintain records of annual inspections and maintenance performed. Records shall be made available to the Village upon request within 30 days of written notice. Annual inspections shall be performed as detailed in Exhibit C Maintenance Plan of the storm water maintenance agreement and shall be performed to determine if the facility is functioning within the design parameters. Commencing in 2019 and every five years thereafter the Owner shall, at their own cost, have a certification inspection of the storm water management practices conducted by a professional engineer, who shall then file a report with the Village of Mukwonago no later than December 31st of the same year. Upon written notification by Village of Mukwonago or its designee the Owner shall, at their own cost and within a reasonable time period determined by the Village of Mukwonago, have an inspection of the storm water management practices conducted by a professional engineer, who shall then file a report with the Village of Mukwonago. The Owner shall thereafter timely complete any maintenance or repair work recommended in any of the above reports. The Owner shall be liable for the failure to undertake any maintenance or repairs.
4. In addition, and independent of the requirements under paragraph 2 above, the Village of Mukwonago, or its designee, is authorized but not required to access the property as necessary to conduct inspections of the storm water management BMP's to ascertain compliance with the terms and intent of this Agreement and the activities prescribed in Exhibit C. The Village of Mukwonago may require work to be done which differs from the report(s) described in paragraph 3 above, if the Village of Mukwonago reasonably concludes that such work is necessary and consistent with the intent of this agreement and /or with Chapter 34 of the Village Code of Ordinances. Upon notification by the Village of Mukwonago of required maintenance or repairs, the Owner shall complete the specified maintenance or repairs within a reasonable time frame, as determined by the Village of Mukwonago.
5. If the Owner does not complete an inspection under 3 above or complete the required maintenance or repairs under 2 above within the specified time period, the Village of Mukwonago is authorized, but not required, to perform the specified inspections, maintenance or repairs. In the case of an emergency situation, as determined by the Village of Mukwonago, no notice shall be required prior to the Village of Mukwonago performing emergency maintenance or repairs.

The cost of inspections or measures undertaken by the Village pursuant to this agreement shall be first paid from the proceeds of any surety maintained to secure the performance by the Owner/Developer of its obligations under this agreement and the conditions of the use, site and architectural approval. In the event that the costs of said measures shall exceed the value of the surety or the surety has expired or been terminated, then in that event the cost of said measures shall be assessed as a special charge for current services pursuant to Wis Stat Sec. 66.0627. Any such assessment which is not paid within 60 days after billing

shall be deemed a delinquent special charge and shall become a lien upon the parcel against which such charge has been assessed. Such delinquent charges shall be extended upon the current or next tax roll as a delinquent tax against the parcels for which payment has not been received by the Village and all proceedings in relation to the collection, return and sale of property for delinquent real estate taxes shall apply to such special charges. The Developer hereby consents to the levy of such charge and waives notice and the right to hearing.

6. This Agreement shall run with the property and be binding upon all heirs, successors and assigns. Any modifications shall conform to the minimum requirements of Chapter 34 (or its successor) and be written so as to ensure the long-term maintenance of the storm water BMP's.
7. The Owner/Developer agrees to pledge a surety in a form acceptable to the Village of Mukwonago to secure performance of the obligations arising from the construction and maintenance of the storm water BMPs provided for under this Agreement in the amount of 120% of the actual cost of the storm water BMPs. Said surety shall remain in effect for a period of three (3) years from the date of the execution of this Agreement or until drawn upon in full by the Village or one year (1) from the date of the certification of the storm water improvements whichever occurs first. Release of the surety prior to the deadlines stated herein shall be governed by Mukwonago Village code section 34-108(c) as amended
8. This Agreement shall be governed and construed in accordance with the laws of the State of Wisconsin.

Dated this 17th day of May, 2019

Owner:


Authorized Representative of Meadowland Townhomes, LLC



Frank Bielinski, Manager/Member

State of Wisconsin:
County of Waukesha

Personally came before me this 17th day of May, 2019, the above named to me known to be the person who executed the foregoing instrument and acknowledged the same.


Timothy J. Voelker
Notary Public, State of County, WI
My commission expires: is permanent

Accepted by the Village of Mukwonago this ___ day of _____, 201 ___

Fred Winchowky, Village President

Judith Taubert, Village Clerk

This document was drafted by:
Trio Engineering, LLC
4100 N. Calhoun Road, Ste 300
Brookfield, WI 53005
Telephone: (262) 790-1480
Email: mbailey@trioeng.com

Exhibit A – Legal Description

The following description and reduced copy map identify the land parcel(s) affected by this Agreement. For a larger scale view of the referenced document, contact the Waukesha County Register of Deeds office.

Legal Description: PART OF THE NORTHWEST 1/4 AND SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 22, TOWNSHIP 5 NORTH, RANGE 18 EAST, VILLAGE OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN, DESCRIBED IN REEL 2879 AS IMAGE 258 OF WAUKESHA COUNTY RECORDS, DESCRIBED MORE PARTICULARLY AS FOLLOWS; COMMENCING AT A CONCRETE MONUMENT WITH BRASS CAP FOUND MARKING THE SOUTHWEST CORNER OF SAID SOUTHEAST 1/4 SECTION; THENCE N01°10'12"W, ALONG THE WEST LINE OF SAID SOUTHEAST 1/4 SECTION, 1118.50', TO THE INTERSECTION OF SAID WEST LINE AND THE NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN", SAID INTERSECTION BEING THE PLACE OF BEGINNING OF THE LANDS TO BE DESCRIBED; THENCE N01°10'12"W, CONTINUING ALONG SAID WEST LINE, 540.66', TO A POINT ON A CURVE AT THE INTERSECTION OF SAID WEST LINE AND THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF C.T.H. "EE"; THENCE ALONG SAID RIGHT-OF-WAY LINE AND SAID CURVE TO THE RIGHT, 612.59', SAID CURVE HAVING A RADIUS OF 1065.48' AND A CHORD BEARING S33°40'35"E, 604.19'; THENCE LEAVING SAID CURVE, S37°56'54"W, 54.40', TO A POINT ON THE AFOREMENTIONED NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN"; THENCE N88°59'06"W, ALONG SAID RIGHT-OF-WAY LINE, 290.58', TO THE PLACE OF BEGINNING; THE ABOVE DESCRIBED LANDS CONTAIN 2.57 ACRES MORE OR LESS.

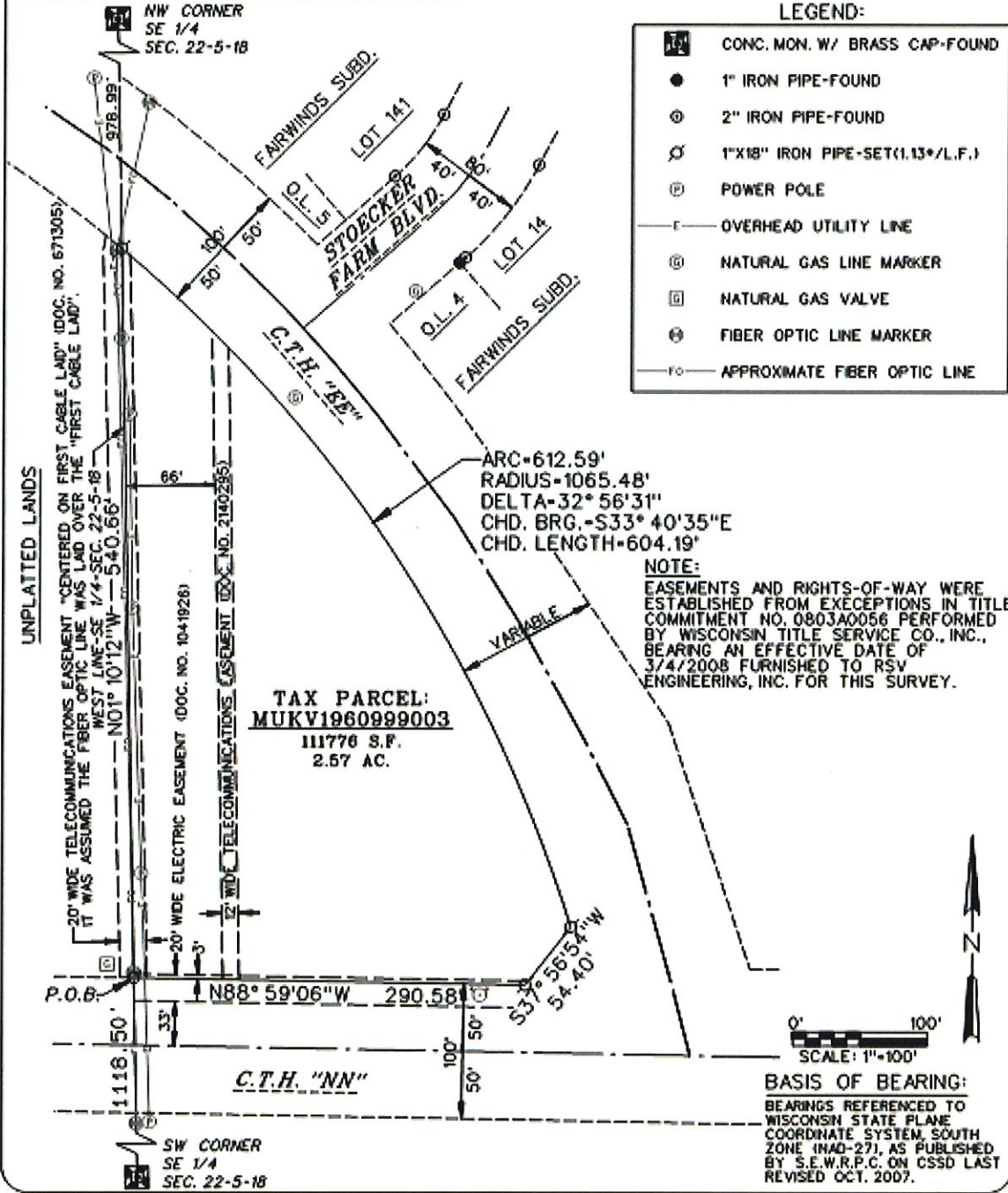
PLAT OF SURVEY

SUGGESTED LEGAL DESCRIPTION:

PART OF THE NORTHWEST 1/4 AND SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 5 NORTH, RANGE 18 EAST, VILLAGE OF MUKWONAGO, WALKESHA COUNTY, WISCONSIN, DESCRIBED IN REEL 2879 AS IMAGE 258 OF WALKESHA COUNTY RECORDS, DESCRIBED MORE PARTICULARLY AS FOLLOWS: COMMENCING AT A CONCRETE MONUMENT WITH BRASS CAP FOUND MARKING THE SOUTHWEST CORNER OF SAID SOUTHWEST 1/4 SECTION; THENCE N01°10'12"W ALONG THE WEST LINE OF SAID SOUTHWEST 1/4 SECTION 118.50' TO THE INTERSECTION OF SAID WEST LINE AND THE NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN"; SAID INTERSECTION BEING THE PLACE OF BEGINNING OF THE LANDS TO BE DESCRIBED; THENCE N01°10'12"W, CONTINUING ALONG SAID WEST LINE 540.66' TO A POINT ON A CURVE AT THE INTERSECTION OF SAID WEST LINE AND THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF C.T.H. "EE"; THENCE ALONG SAID RIGHT-OF-WAY LINE AND SAID CURVE TO THE RIGHT 612.59', SAID CURVE HAVING A RADIUS OF 1065.48' AND A CHORD BEARING S33°40'35"E, 604.19' THENCE LEAVING SAID CURVE, S37°56'54"W 54.40' TO A POINT ON THE AFOREMENTIONED NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN"; THENCE N88°59'06"W ALONG SAID RIGHT-OF-WAY LINE, 290.58', TO THE PLACE OF BEGINNING; THE ABOVE DESCRIBED LANDS CONTAIN 2.57 ACRES MORE OR LESS.

LEGEND:

	CONC. MON. W/ BRASS CAP-FOUND
	1" IRON PIPE-FOUND
	2" IRON PIPE-FOUND
	1"x18" IRON PIPE-SET(1.13"/L.F.)
	POWER POLE
	OVERHEAD UTILITY LINE
	NATURAL GAS LINE MARKER
	NATURAL GAS VALVE
	FIBER OPTIC LINE MARKER
	APPROXIMATE FIBER OPTIC LINE



NOTE:
 EASEMENTS AND RIGHTS-OF-WAY WERE ESTABLISHED FROM EXCEPTIONS IN TITLE COMMITMENT NO. 0803A0056 PERFORMED BY WISCONSIN TITLE SERVICE CO., INC., BEARING AN EFFECTIVE DATE OF 3/4/2008 FURNISHED TO RSV ENGINEERING, INC. FOR THIS SURVEY.

BASIS OF BEARING:
 BEARINGS REFERENCED TO WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD-27), AS PUBLISHED BY S.E.W.R.P.C. ON CSSD LAST REVISED OCT. 2007.

Exhibit B - Location Map

Storm Water Management Practices Covered by this Agreement

The storm water management practices covered by this Agreement are depicted in the reduced copy of a portion of the construction plans, as shown below.

Storm water Practices:

1. Wet Pond 1

- a. Located in the southeast corner of the site
- b. Receives runoff from the center and eastern portions of the site including the proposed paved areas and rooftops.
- c. Outlet structure discharges to the existing ditch line along the west side of CTH "EE"

2. Rain Garden 2

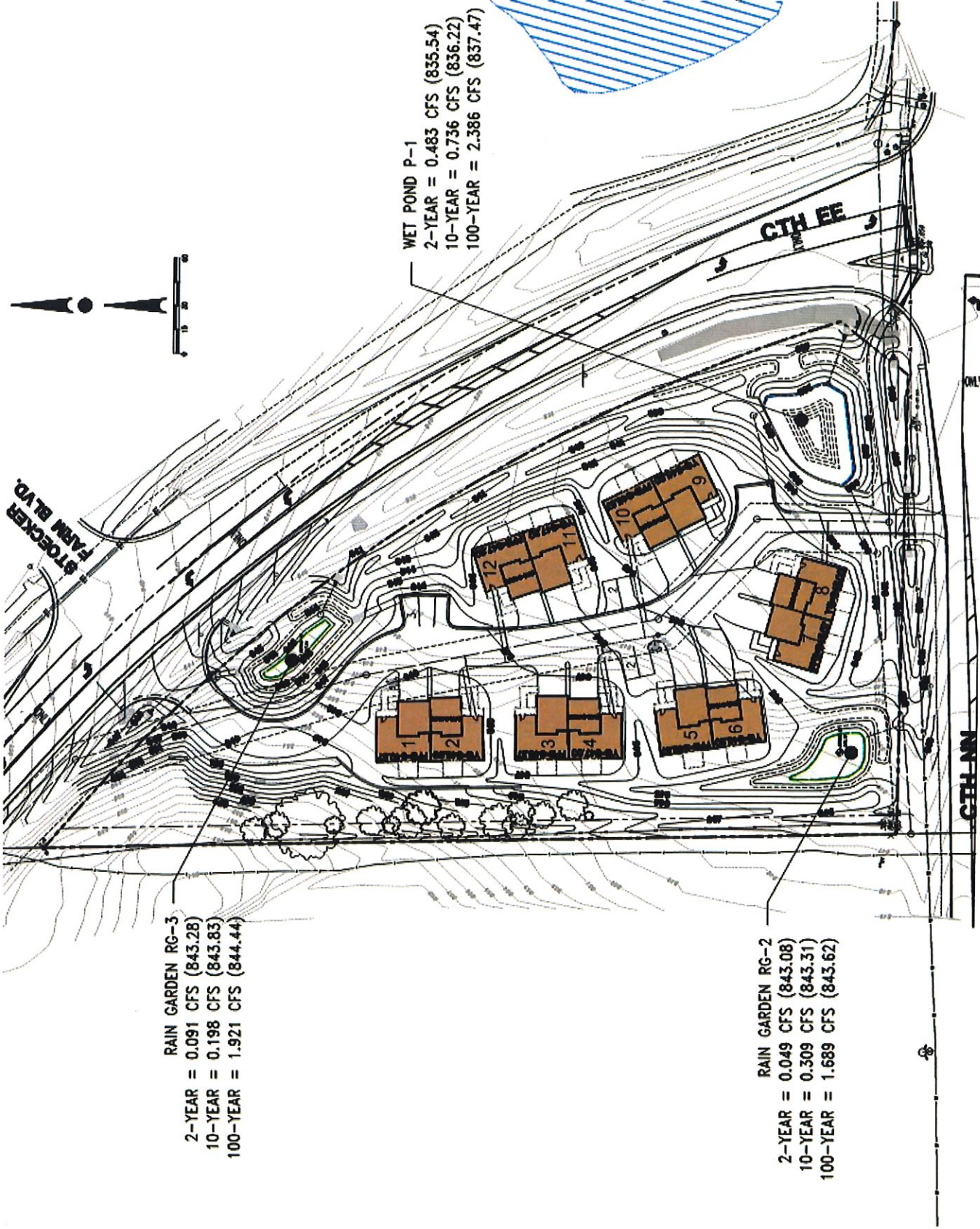
- a. Located in the southwest corner of the site
- b. Receives runoff from the western portion of the site.
- c. Discharges into the ditch line along the north side of CTH "NN"

3. Rain Garden 3

- a. Located on the north side of the site
- b. Receives runoff from the northern portion of the site
- c. Discharges into the ditch line along the west side of CTH "EE"

Drainage Area Restrictions: Stormwater drainage areas identified are for storm water collection, conveyance and treatment. No buildings or other structures are allowed in these areas. No grading or filling is allowed that may interrupt storm water flows in any way unless an amended stormwater management plan and maintenance agreement is provided. See Exhibit C for specific maintenance requirements for storm water management practices within this area. See Exhibit B for details on location.

Exhibit B - Continued
Meadowland Townhomes Multi-Family Development



RAIN GARDEN RG-3
2-YEAR = 0.091 CFS (843.28)
10-YEAR = 0.198 CFS (843.83)
100-YEAR = 1.921 CFS (844.44)

RAIN GARDEN RG-2
2-YEAR = 0.049 CFS (843.08)
10-YEAR = 0.309 CFS (843.31)
100-YEAR = 1.689 CFS (843.62)

WET POND P-1
2-YEAR = 0.483 CFS (835.54)
10-YEAR = 0.736 CFS (836.22)
100-YEAR = 2.386 CFS (837.47)

Exhibit C

Minimum Storm Water Practice Maintenance Requirements

This exhibit explains the basic function of each of the storm water practices listed in Exhibit B and prescribes the minimum maintenance requirements to remain compliant with this Plan. The maintenance activities listed below are aimed to ensure these practices continue serving their intended functions in perpetuity. The list of activities is not all-inclusive, but rather indicates the minimum type of maintenance that can be expected for this particular site.

WET DETENTION BASIN & RAIN GARDEN

System Description:

The wet detention basin and rain gardens are designed to remove at least 80% of the Total Suspended Solids (TSS) from the site runoff and to reduce the post-development downstream peak flows to meet the Village of Mukwonago Stormwater Ordinance. Swales and storm sewer function to convey runoff to the basins, as well as filter pollutants, especially from smaller storms. To function correctly, the pond size, water level, vegetation and outlet structures must be maintained as specified in this Plan.

Minimum Maintenance Requirements:

To ensure the proper function of the storm water management practices described above, the following activities must be completed:

1. All outlet structures and pipes must be checked monthly to ensure there is no blockage from floating debris or ice, especially the washed stone in front of the orifices and the trash rack on the risers in the main part of the basins. Any blockage must be removed immediately. The washed stone must be replaced when it becomes clogged.
2. Grass swales shall be preserved to allow free flowing of surface runoff in accordance with approved grading plans. No buildings or other structures are allowed in these areas. No grading or filling is allowed that may interrupt flows in any way.
3. Grass swales, inlets and outlets must be checked at least twice yearly (spring and fall) and after heavy rains for signs of erosion. Any eroding areas must be repaired immediately to prevent premature sediment build-up in the basin. Erosion matting is recommended for repairing grassed areas.
4. NO trees are to be planted or allowed to grow on the earthen berms. Tree root systems can reduce soil compaction and cause berm failure. The berms must be inspected annually and any woody vegetation removed.
5. If floating algae or weed growth becomes a nuisance (decay odors, etc.), it must be removed from the basin and deposited where it cannot drain back into the basin. Removal of the vegetation from the water reduces re-growth the following season (by harvesting the nutrients). Wetland vegetation must be maintained along the waters edge for safety and pollutant removal purposes.
6. The wet pond is to be cleaned out prior to the depth of water being reduced by accumulated sediment to less than three (3) feet. All removed sediment must be placed in an appropriate upland disposal site and stabilized (grass cover) to prevent sediment from washing back into the basin.
7. No grading or filling of the basins or berms other than for sediment removal is allowed, unless otherwise approved by the Village of Mukwonago.
8. To promote more effective infiltration, mowing in the drainage ways, detention basins, and wetland fringe areas should be minimized. If mowing is deemed necessary, the mowing heights should be no shorter than six (6) inches. Restricting any mowing to late summer or autumn will minimize mortality to ground nesting birds. To discourage the presence of nuisance waterfowl (i.e. Canada Geese), a minimum 30-foot wide no-mow fringe shall be maintained around all detention basins, where possible.
9. After Vegetation is 70% established, the use of herbicides/pesticides is to be discontinued along the swales & basins.

Wet Detention Pond

I. ROUTINE MAINTENANCE

A. Mowing

1. Side slopes, embankments, and emergency spillways that are not rock lined which have been planted with turf grasses should be mowed at least three (3) times a year to prevent

woody growth and control noxious weeds. Recommended mowing times are April, July and October of each year.

2. The Owner may more frequently mow areas adjacent to the entry drive, typically once every week to two weeks during a normal growing season, for aesthetic and allergy control purposes.
3. Native grasses should be mowed to a height of 6" in mid to late summer or after they have achieved a height of 1-1/2 feet during the first growing season. Further mowing in subsequent growing seasons may not be required.
4. A 6" to 8" mowing every 3 to 4 years, may suffice as a substitute management technique. The mowed area should be raked and performed in the spring.

B. Inspections

1. Inspections of the ponds shall be completed on an annual basis or after significant rainfall events.
2. The inspections should be completed during wet weather conditions to determine if the ponds are functioning properly.
3. Inspection priorities shall be as follows:
 - a. Inspect the embankments for subsidence, erosion, cracking and tree growth.
 - b. Inspect the condition of the emergency spillway and overland flow path.
 - c. Inspect the pond for accumulation of sediment.
 - d. Inspect the outlet control structure for clogs, debris and material failures.
 - e. Inspect upstream and downstream channels from an erosion perspective.
 - f. Inspect any modifications that may have been done to the ponds following their initial construction.
 - g. Inspect the side slopes of the pond for erosion, slumping, cracking or woody plant materials.
4. As-built plans shall accompany the person responsible for the pond inspections.
5. Documentation of the inspections should be completed and filed. Documentation should include as a minimum:
 - a. Inspectors name, affiliation and professional credentials if applicable.
 - b. Date, time and weather conditions.
 - c. Approximate rainfall total over a 24 hour period if applicable.
 - d. Existing embankment, outlet and inlet conveyance systems and vegetation condition.
 - e. Sediment depth at the outlet control structure (in wet forebays) and at a minimum one other location.
 - f. Identification of potential structural failures and repair needs.
 - g. Other pond conditions such as vegetation growth, algae growth and emergency spillway conditions.
 - h. Repair recommendations.

C. Debris and Litter Removal.

1. Debris and litter removal from the pond surface shall be completed at least once a month.
2. Particular attention should be paid to debris accumulating around the riser pipe to prevent potential clogging.

D. Erosion Control.

1. The pond side slopes, embankments and emergency spillways may suffer from periodic slumpage and erosion.
2. Corrective measures shall include regrading, filling and revegetation of the eroded or slumping areas.
3. Permanent geosynthetic erosion matting (or rip rap) at the pond outlet and emergency spillways should be inspected for displacement or undermining. Repairs shall be made upon discovery.

E. Nuisance Control.

1. Biological control of algae and mosquitoes is preferred over chemical control. Consultation with local WDNR officials is recommended prior to the introduction of any biological control.
2. Maintaining the native grass perimeter will aide in the control of geese.
3. Mechanical controls should be used when feasible.

II. NON-ROUTINE MAINTENANCE

A. Structural Repairs and Replacement.

1. The outlets of the pond have been constructed utilizing concrete or PVC pipe and concrete materials. The estimate life of these structures is 75 to 100 years. Annual inspection of the structures will disclose any potential structural problems. If structural problems appear, repair or replace the outlet.
2. Excessive or chronic drawdowns of the ponds may cause leaks or seepage through the embankments. Excessive drawdowns should be avoided and thus corrective measures for leakage and seepage can be avoided.

B. Sediment Removal.

1. A sediment clean out cycle of 10 to 15 years is recommended. Sediment removal may be necessary prior to 10 years if there is a substantial amount of land disturbance occurring within the contributory watershed. Annual inspections shall be made to insure that the design depth of the permanent water pool is maintained.
2. It is recommended that the sediment be tested to determine if land filling is necessary. Contact the local DNR prior to sediment sampling and testing to insure compliance with State standards and regulations.
3. Surveyed depths of the sediment storage area and permanent pool elevations shall be made immediately following the construction of the ponds and recorded on the as-built plans. Annual inspections shall include measure downs to determine sediment elevations in relation to the permanent pool elevation.

RAIN GARDEN OPERATIONS AND MAINTENANCE

I. ROUTINE MAINTENANCE

A. Inspection

1. Performance of the rain garden should be inspected monthly and after every major storm event, following the initial construction to evaluate if the basin is draining within the design time limits.
 - a. Water plants should be watered as necessary the first year to establish plants.
2. If performance does not meet the design goals, complete repairs to the facility to meet the design requirements.
3. Following the initial growing season of monthly inspections, quarterly inspections of the facility should be made. Inspect the facility for:
 - a. Differential settlement
 - b. Cracking
 - c. Erosion
 - d. Leakage

- e. Tree and woody plant growth on the embankments and plant health
- f. Condition of the inlets and outlets
- g. Sediment accumulation
- h. Vigor and density of vegetation on the floor of the basin and buffer strips
- i. pH testing of the soil (if plants growth issues exist)
- j. Observation wells and/or under drains

B. Mowing – Native Vegetation

- 1. During establishment of vegetation, the first mowing shall occur once it reaches a height of 10 to 12 inches.
- 2. Control woody plant invasion by mowing once a year. The vegetation height shall be 5 to 6 inches after mowing.
- 3. Mow once per year in the fall after November 1st.
- 4. Remove trash and debris at the time of mowing.

C. Erosion Control

- 1. Inspect seasonally for erosion. Inspection after major storm events for erosion problems is also recommended if practical.
- 2. Repair all eroded areas immediately. Temporary erosion controls may be necessary to facilitate repairs.

D. Tilling

- 1. If the basin is located on marginally permeable soils, annual or semi- annual tilling may be needed to maintain infiltration capacity.
- 2. Tilled areas should be immediately re-vegetated to prevent erosion.

II. NON-ROUTINE MAINTENANCE

A. Structural Maintenance

- 1. Inspect pipe systems quarterly.
- 2. Remove and replace pipe systems that have eroded or rusted.
- 3. Earthen structures should be inspected annually. Erosion should be repaired immediately upon discovery.

B. Restoration of Infiltration Capacity

1. Over time the original infiltration capacity of the basin will be diminished. Diminished infiltration capacity will require maintenance once the rain garden practice fails to infiltrate a rain event within 72 hours.
2. Deep tilling can be done to restore the infiltration capacity of the basin. The basin will be drained and the soils dried to a depth of 8 inches.
3. The top 2 to 3 inches of topsoil, chisel plowing, and adding topsoil and compost can be done.
4. The basin must be restored with native plantings.

C. **Watering**

1. Water plants need to be watered as necessary during the first growing season.
2. After the first growing season, water as necessary during dry periods.

Storm Water Conveyance System maintenance requirements:

1. The Titleholder(s) is responsible for ensuring system inlets, outlets roof drains and any external runoff control structures remain clear of debris and blockage. The inlets, including parking lot trench drains, and outlets shall be inspected semi-annually and/or after major storm events (more than 3.5 inches of rainfall in 24 hours). Any debris or blockage found should be immediately removed.
2. Visual inspections from system access points of the conveyance system shall be conducted semi-annually and/or after major storm events (more than 3.5 inches of rainfall in 24 hours) and, after extended periods of rainy weather (more than 3 days) and at least semi-annually. Major items to look for are excessive debris build-up at system inlets and outlets, and proper system discharge.
3. Storm curb inlets shall be inspected semi-annually and/or after major storm events (more than 3.5 inches of rain fall in 24 hours). Any debris that is found, causing potential blockage, shall be cleaned immediately. All storm curb inlet and storm manhole sumps shall be cleaned annually, at a minimum, or when sediment in the sump has accumulated to an elevation of one foot below the outlet pipe elevation.
4. Cleanout of sediment accumulation should be based on manufacture recommendations. Cleanout shall be performed when the sediment accumulation does not allow the system to function as designed.

CULVERTS OPERATION AND MAINTENANCE

I. **INSPECTION**

- A. Culverts should be inspected twice a year and after heavy rainfall.
- B. Inspect for sediment deposition, scour at the ends of pipe, accumulations of trash and obstructions.

II. **MAINTENANCE**

- A. Scour areas should be repaired with clean fill and replacement of end treatment (rip rap, TRM, etc.). Scour areas with no end treatment should be stabilized with topsoil, seed and erosion control mat at a minimum.
- B. Sediment deposits, trash and obstructions should be removed from the pipe ends.
- C. Material deposited within the pipe should be promptly removed to maintain the conveyance capacity of the pipe.

Exhibit D Design Summary

The proposed development will include the six (6) buildings each containing two (2) units each, with a shared entry driveway, sidewalk for pedestrians, and storm water management facilities.

The proposed development has been intentionally designed with sensitivity to storm water drainage, recognizing that existing drainage patterns should be maintained while measures should be taken to improve drainage and alleviate or maintain proposed discharges to pre-development levels as described by chapter 34 of the Village of Mukwonago Municipal Code. Water quality has also been addressed to meet or exceed the Village of Mukwonago requirements for Total Suspended Solid (TSS) removal.

Proposed Drainage Areas

The proposed project is divided in to five (5) drainage areas, which include detained, undetained, and offsite drainage areas. The following is a description of the proposed drainage areas; please refer to the drainage map for additional information:

Proposed Drainage Area P-1: A total of 1.301 acres which includes the majority of the proposed impervious surfaces, building, and green space. The runoff from this drainage area will be routed to the proposed Wet Pond P-1 located at the southeast corner of the development site.

Proposed Drainage Area P-2: A total of 0.467 acres which contains mostly open space, with some roofs tops. The runoff from this drainage area will be routed to the proposed rain garden RG-2 located at the southwest corner of the development.

Proposed Drainage Area P-3: A total of 0.351 acres which includes open space with some driveway area and small section of roof top, located at the north end of the development site. The runoff from this drainage area will flow directly to rain garden RG-3, and will ultimately discharge to the CTH EE drainage ditch.

Proposed Drainage Area UD-1: A total of 0.008 acres of open space located mostly on the back slopes of berms. The runoff from this drainage area will flow directly off site and will ultimately enter the existing drainage ditches along CTH EE & CTH NN.

Drainage Area OS-1: This area contains 0.083 acres of offsite area that drains into the drainage area P-3. Ultimately discharging to Rain Garden RG-3.

Water Quality Summary

Meadowland Townhomes - Water Quality Output Summary Table							
Pollutant	Concentration - No Controls	Concentration - With Controls	Concentration Units	Pollutant Yield - No Controls	Pollutant Yield - With Controls	Pollutant Yield Units	Percent Yield Reduction
Particulate Solids	126.1	30.07	mg/L	125.9	23.35	lb	81.45%
Particulate Phosphorus	0.5136	0.1211	mg/L	0.5128	0.09405	lb	81.66%
Filterable Phosphorus	0.2878	0.2325	mg/L	0.2874	0.1805	lb	37.19%
Total Phosphorus	0.8014	0.3536	mg/L	0.8002	0.2746	lb	65.69%

Drainage Summary

The following describes the peak flows associated with the proposed drainage areas.

Summary Data Elements	Subwatershed P-1		Subwatershed P-2	
	Pre-develop	Post-develop	Pre-develop	Post-develop
Watershed areas (in acres) <i>(see attached map)</i>	1.301	1.301 acres	0.467 acres	0.467 acres
Average Watershed Slopes (%)	1-25%	1-4%	3-10%	1.5-3%
Land Uses (% of each) <i>(see attached map)</i>	100% Open Space	100% Residential	100% Open Space	50% Residential 50% Open Space
Runoff Curve Numbers	RCN = 82	RCN = 82	RCN = 82	RCN = 73
Conveyance Systems Types	Grass waterway	75% grass swale 25% storm sewer	Grass waterway	100% grass swale
Summary of Average Conveyance System Data	13% Grade	1' deep swale @ 2% 12" Storm Sewer @ 5.3%	6.5% Grade	2' deep grass swale @ 2.5% grade
Time of Concentration (T_c) <i>(see attached map & worksheets)</i>	0.16 hrs.	0.29 hrs.	0.16 hrs.	0.26 hrs.
25% of 2-yr/24-hr post dev runoff volume	N/A	0.031 ac. ft.	N/A	0.007 ac. ft.
1-year/24 hour Runoff Volume	0.47 cfs	1.393 cfs.	0.17 cfs	0.269 cfs
2-yr./24 hour Peak Flow <i>(see attached hydrographs)</i>	0.76 cfs	1.741 cfs	0.27 cfs	0.372 cfs
10-yr./24 hour Peak Flow	2.06 cfs	3.121 cfs	0.74 cfs	0.812 cfs
100-yr./24 hour Peak Flow	5.63 cfs	6.289 cfs	2.02 cfs	1.929 cfs

Drainage Summary (cont.)

The following describes the peak flows associated with the proposed drainage areas.

Summary Data Elements	Subwatershed P-3		Subwatershed OS-1	
	Pre-develop	Post-develop	Pre-develop	Post-develop
Watershed areas (in acres) <i>(see attached map)</i>	0.351 acres	0.351 acres	0.083 acres	0.083 acres
Average Watershed Slopes (%)	5-16%	5-33%	4-15%	4-15%
Land Uses (% of each) <i>(see attached map)</i>	100% Open Space	100% Residential	100% Open Space	100% Open Space
Runoff Curve Numbers	RCN = 82	RCN = 78	RCN = 82	RCN = 61
Conveyance Systems Types	Grass waterway	100% Impervious pavement & Flume	Grass waterway	Grass waterway
Summary of Average Conveyance System Data	10% Grade	10% Asphaltic Flume	9% Grade	9% Grade
Time of Concentration (T_c) <i>(see attached map & worksheets)</i>	0.16 hrs.	0.10 hrs.	0.16 hrs.	0.15 hrs.
25% of 2-yr 24-hr post dev runoff volume	N/A	0.006 ac. ft.	N/A	0.0 ac. ft.
1-year/24 hour Runoff Volume	0.13 cfs	0.447 cfs	0.008 cfs	0.008 cfs
2-yr./24 hour Peak Flow <i>(see attached hydrographs)</i>	0.21 cfs	0.577 cfs	0.018 cfs	0.018 cfs
10-yr./24 hour Peak Flow	0.55 cfs	1.106 cfs	0.084 cfs	0.084 cfs
100-yr./24 hour Peak Flow	1.52 cfs	2.349 cfs	0.28 cfs	0.280 cfs

Drainage Summary (cont.)

The following describes the peak flows associated with the proposed drainage areas.

Summary Data Elements	Subwatershed UD-1	
	Pre-develop	Post-develop
Watershed areas (in acres) <i>(see attached map)</i>	0.008 acres	0.008 acres
Average Watershed Slopes (%)	5-9%	1-5%
Land Uses (% of each) <i>(see attached map)</i>	100% Open Space	10% Impervious 90% Open Space
Runoff Curve Numbers	RCN = 82	RCN = 98
Conveyance Systems Types	Grass waterway	100% grass swale
Summary of Average Conveyance System Data	Road side ditch @ 2.7%	Road side ditch @ 2.7%
Time of Concentration (T_c) <i>(see attached map & worksheets)</i>	0.16 hrs.	0.10 hrs.
25% of 2-yr 24-hr post-dev runoff volume	N/A	0.0 ac. ft.
1-year/24 hour Runoff Volume	0.003 cfs	0.028 cfs
2-yr./24 hour Peak Flow <i>(see attached hydrographs)</i>	0.005 cfs	0.031 cfs
10-yr./24 hour Peak Flow	0.01 cfs	0.044 cfs
100-yr./24 hour Peak Flow	0.04 cfs	0.072 cfs

Descriptions & Summaries of Storm Water Practices

Wet Pond P-1 Summary

This basin is located at the southeast corner of the site and collects runoff from drainage areas P-1. Characteristics of this basin are as follows:

Wet Pond P-1	Design Data
Site assessment data: (see attached maps)	
Contributing drainage area to basin (P-1)	1.301 acres
Distance to nearest private well (including off-site wells)	>100feet
Distance to municipal well (including off-site wells)	>1200 feet
Wellhead protection area involved?	No
Ground slope at site of proposed basin	average 16%
Any buried or overhead utilities in the area?	No
Proposed outfall conveyance system/discharge (w/ distances)	32.5 ft. to CTH "EE" ditch to Existing storm sewer system under CTH "EE"
Any downstream roads or other structures? (describe)	Yes-24"x36" RCP culvert
Floodplain, shoreland or wetlands?	No
Soil investigation data (see attached map & soil logs):	
Number of soil investigations completed	1 (in basin area)
Do elevations of test holes extend 3ft. below proposed bottom?	Yes (see SWMP)
Average soil texture at pond bottom elevation (USDA)	Silty Sand
Distance from pond bottom to bedrock	>14 feet
Distance from pond bottom to seasonal water table	1 foot below pond bottom
General basin design data (see attached detailed drawings):	
Permanent pool surface area	0.6 acres
Design permanent pool water surface elevation	elev. 834.75
Top of berm elevation (after settling) and width	elev. 838.50/5.5 feet wide
Length/width (dimension/ratio)	75 ft. (L) x 45 ft. (W.) = 3:2
Safety shelf design (length, grade, max. depth)	10 ft. @ 10% slope/1.0' deepest
Ave. water depth (minus safety shelf/sediment)	5 ft. in center
Sediment forebay size & depth	N/A
Sediment storage depth & design maintenance	2 feet/10-15 year maintenance schedule

Wet Pond P-1 Inflow, Outflow & Storage Data (see attached hydrographs and detail drawings)				
Inflow Peak/Volume	Maximum Outflow Rate	Max. Water Elevation	Storage Volume at Max. Elev. (above perm. pool)	Outflow Control Structures *
1.393 1-yr/24hr. (volume)	0.405 cfs	835.37 ft.	0.040 acre-feet	#1
1.741 cfs (Post 2-yr./24 hr. peak)	0.483 cfs	835.54 ft.	0.051 acre-feet	#1
3.121 cfs (Post 10-yr./24 hr. peak)	0.736 cfs	836.22 ft.	0.099 acre-feet	#1
6.289 cfs (Post 100-yr/24 hr. peak)	2.386 cfs	837.47 ft.	0.204 acre-feet	#1 & #2

- * #1 = 5.25-inch orifice in water level control weir plate - flow line elev. @ 834.75
 #2 = 36" outlet control structure - rim elev. @ 837.35
 #3 = 10' wide overflow wier @ 837.50

Rain Garden RG-2 Summary

This basin is a rain garden located at the southwest corner of the site. This storm water practice receives runoff from drainage basin P-2. Discharge from this facility flows to the R.O.W. of CTH NN. Characteristics for this facility are as follows:

Rain Garden RG-2	Design Data
Site assessment data: (see attached maps)	
Contributing drainage area to basin (P-2)	0.467 acres
Distance to nearest private well (including off-site wells)	>100feet
Distance to municipal well (including off-site wells)	>1200 feet
Wellhead protection area involved?	No
Ground slope at site of proposed basin	average 2.1%
Any buried or overhead utilities in the area?	Yes, overhead utilities near the western edge of the property line
Proposed outfall conveyance system/discharge (w/ distances)	22 ft. 6" PVC to CTH "NN" ditch to Existing storm sewer system under CTH "EE"
Any downstream roads or other structures? (describe)	Yes-18" RCP & 24"x36" RCP culvert
Floodplain, shoreland or wetlands?	No
Soil investigation data (see attached map & soil logs):	
Number of soil investigations completed	2 (in basin area)
Do elevations of test holes extend 3ft. below proposed bottom?	Yes (see SWMP)
Average soil texture at pond bottom elevation (USDA)	Coarse Sand
Distance from pond bottom to bedrock	>20 feet
Distance from pond bottom to seasonal water table	11.5 foot below pond bottom
General basin design data (see attached detailed drawings):	
Permanent pool surface area	N/A
Design permanent pool water surface elevation	N/A
Top of berm elevation (after settling) and width	elev. 844.50/6 feet wide
Length/width (dimension/ratio)	55 ft. (L) x 28 ft. (W.) = 2:1
Safety shelf design (length, grade, max. depth)	N/A
Ave. water depth (minus safety shelf/sediment)	0 ft.
Sediment forebay size & depth	N/A
Sediment storage depth & design maintenance	Yearly

Rain Garden RG-2 Inflow, Outflow & Storage Data (see attached hydrographs and detail drawings)				
Inflow Peak/Volume	Maximum Outflow Rate	Max. Water Elevation	Storage Volume at Max. Elev. (above perm. pool)	Outflow Control Structures *
0.269 1-yr/24hr. (volume)	0.019 cfs	843.02 ft.	0.010 acre-feet	#1
0.372 cfs (Post 2-yr./24 hr. peak)	0.049 cfs	843.08 ft.	0.011 acre-feet	#1
0.812 cfs (Post 10-yr./24 hr. peak)	0.309 cfs	843.31 ft.	0.020 acre-feet	#1
1.929 cfs (Post 100-yr/24 hr. peak)	1.689 cfs	843.62 ft.	0.031 acre-feet	#2

* #1 = 6-inch PVC outlet pipe - flow line elev. @ 842.95

#2 =10-foot earthen/grass emergency spillway elev. @ 843.50

Rain Garden RG-3 Summary

This basin is a rain garden located at the southwest corner of the site. This storm water practice receives runoff from drainage basin P-3 and OS-1. Discharge from this facility flows to the R.O.W. of CTH EE. Characteristics for this facility are as follows:

Rain Garden RG-3	Design Data
Site assessment data: (see attached maps)	
Contributing drainage area to basin (OS-1 & P-3)	0.434 acres
Distance to nearest private well (including off-site wells)	>100feet
Distance to municipal well (including off-site wells)	>1200 feet
Wellhead protection area involved?	No
Ground slope at site of proposed basin	average 16.5%
Any buried or overhead utilities in the area?	No
Proposed outfall conveyance system/discharge (w/ distances)	32 ft. to CTH "EE" ditch to Existing storm sewer system under CTH "EE"
Any downstream roads or other structures? (describe)	Yes-24"x36" RCP culvert
Floodplain, shoreland or wetlands?	No
Soil investigation data (see attached map & soil logs):	
Number of soil investigations completed	1 (in basin area)
Do elevations of test holes extend 3ft. below proposed bottom?	Yes (see SWMP)
Average soil texture at pond bottom elevation (USDA)	Poorly Graded Sand
Distance from pond bottom to bedrock	>20 feet
Distance from pond bottom to seasonal water table	8.5 foot below pond bottom
General basin design data (see attached detailed drawings):	
Permanent pool surface area	N/A
Design permanent pool water surface elevation	N/A
Top of berm elevation (after settling) and width	elev. 845.50/4 feet wide
Length/width (dimension/ratio)	53 ft. (L) x 8 ft. (W.) = 13:2
Safety shelf design (length, grade, max. depth)	N/A
Ave. water depth (minus safety shelf/sediment)	0 ft. in center
Sediment forebay size & depth	N/A
Sediment storage depth & design maintenance	Yearly

Rain Garden RG-3 Inflow, Outflow & Storage Data (see attached hydrographs and detail drawings)				
Inflow Peak/Volume	Maximum Outflow Rate	Max. Water Elevation	Storage Volume at Max. Elev. (above perm. pool)	Outflow Control Structures *
0.448 1-yr/24hr. (volume)	0.053 cfs	843.18 ft.	0.009 acre-feet	#1
0.585 cfs (Post 2-yr./24 hr. peak)	0.091 cfs	843.28 ft.	0.011 acre-feet	#1
1.170 cfs (Post 10-yr./24 hr. peak)	0.198 cfs	843.83 ft.	0.022 acre-feet	#1
2.595 cfs (Post 100-yr/24 hr. peak)	1.921 cfs	844.44 ft.	0.039 acre-feet	#2

- * #1 = 3-inch orifice in water level control weir plate - flow line elev. @ 843.00
 #2 = 2' riser structure - rim elev. @ 844.25
 #3 = 10' wide overflow wier @ 844.50

Site Release Rate Summary

The table below summarizes the storm water release rates associated with the development. The Allowable Release Rate is defined as the pre-development release rate, which is the addition of the one existing/pre-development drainage areas. The Total Proposed Release Rate is calculated as the addition of the:

- Wet Pond P-1 release rate at the peak time.
- Rain Garden RG-2 & RG-3 release rate at the peak time.
- Undetained area release rate at the peak time

The table verifies that the Storm Water Management Plan reduces the post-developed flow rates to equal to or less than the corresponding pre-developed (existing) flow rates.

Site Discharge*

Storm Event (Year)	Allowable Release Rate from Site (cfs)	Allowable Release Rate from Offsite (cfs)	Total Allowable Release Rate (Pre- (cfs)	Proposed Release Rate (Post- (cfs)
1	0.775	0.008	0.781	0.465
2	1.248	0.018	1.266	0.617
10	1.248 ¹	0.084	1.332	1.230
100	3.362 ²	0.280	3.642	3.598

- Total Peak Runoff Rates are based on the addition of the peak discharge rates from the associated hydrographs at the peak time for the site; due to varying peak times, the total discharge rates are not a direct summation of the peak rates for each. Refer to the attached calculations for additional information.

1 – Represents the 2-year release rate associated with the pre-development conditions.
 2 – Represents the 10-year release rate associated with the pre-development conditions.

Storm Water Management Practice Maintenance Agreement

Document Number

Beilinski LLC, as "Owner" of the property described below, in accordance with Village of requirements, agrees to install and maintain storm water management practice(s) on the subject property in accordance with approved plans. The owner further agrees to the terms stated in this document to ensure that the storm water management practice(s) continues serving the intended functions in perpetuity. This Agreement includes the following exhibits:

Exhibit A: Legal Description of the real estate for which this Agreement applies ("Property").

Exhibit B: Location Map(s) – shows an accurate location of each storm water management practice affected by this Agreement.

Exhibit C: Maintenance Plan – prescribes those activities that must be carried out to maintain compliance with this Agreement.

Exhibit D: Operation and Maintenance Inspection Form – contains a list of typical inspection and maintenance items associated with the stormwater management practices.

Name and Return Address

BIELINSKI LLC
1830 MEADOW LN STE A
PEWAUKEE WI 53072-5575

MUKV1960999003

Parcel Identification Number(s) – (PIN)

Through this Agreement, the Owner hereby subjects the Property to the following covenants, conditions and restrictions:

1. The Owner shall be responsible for the routine and extraordinary maintenance and repair of the storm water management practice(s) identified in **Exhibit B** in accordance with the maintenance plan contained in **Exhibit C**.
2. Upon written notification by Village of Mukwonago or their designee, the Titleholder(s) shall, at their own cost and within a reasonable time period determined by the Village of Mukwonago, have an inspection of the storm water management practice conducted by a qualified professional, file a report with the Village of Mukwonago and complete any maintenance or repair work recommended in the report. The Titleholder(s) shall be liable for the failure to undertake any maintenance or repairs.
3. In addition, and independent of the requirements under paragraph 2 above, the Village of Mukwonago, or its designee, is authorized to access the property as necessary to conduct inspections of the storm water management practices or drainage easements to ascertain compliance with the intent of this Agreement and the activities prescribed in Exhibit C. The Village of Mukwonago may require work to be done which differs from the report described in paragraph 2 above, if the Village of Mukwonago reasonably concludes that such work is necessary and consistent with the intent of this agreement. Upon notification by the Village of Mukwonago of required maintenance or repairs, the Titleholder(s) shall complete the specified maintenance or repairs within a reasonable time frame determined by the Village of Mukwonago.
4. If the Titleholder(s) do not complete an inspection under 2. above or required maintenance or repairs under 3. above within the specified time period, the Village of Mukwonago is authorized, but not required, to perform the specified inspections, maintenance or repairs. In the case of an emergency situation, as determined by the Village of Mukwonago, no notice shall be required prior to the Village of Mukwonago performing emergency maintenance or repairs. The Village of Mukwonago may levy the costs and expenses of such inspections, maintenance or repair related actions as a special charge against the Property and collected as such in accordance with the procedures under s. 66.0627 Wis. Stats. or subch. VII of ch. 66 Wis. Stats.
5. This Agreement shall run with the Property and be binding upon all heirs, successors and assigns. The Village of Mukwonago shall have the sole authority to modify this agreement upon a 30-day notice to the current Titleholder(s).

Dated this ___ day of _____, 20_____.

Owner:

(Owners Signature)

(Printed Name & Title)

Acknowledgements

State of Wisconsin:

County of _____

Personally came before me this ___ day of _____, 20___, the above named _____ to me known to be the person who executed the foregoing instrument and acknowledged the same.

_____.

Notary Public, _____ County, WI
My commission expires: _____.

This document was drafted by:

Matthew A. Bailey
Trio Engineering, LLC
12660 W. North Ave., Bldg. D
Brookfield, WI 53005

Exhibit A – Legal Description

The following description and reduced copy map identify the land parcel(s) affected by this Agreement. For a larger scale view of the referenced document, contact the Waukesha County Register of Deeds office.

Legal Description: PART OF THE NORTHWEST 1/4 AND SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 22, TOWNSHIP 5 NORTH, RANGE 18 EAST, VILLAGE OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN, DESCRIBED IN REEL 2879 AS IMAGE 258 OF WAUKESHA COUNTY RECORDS, DESCRIBED MORE PARTICULARLY AS FOLLOWS; COMMENCING AT A CONCRETE MONUMENT WITH BRASS CAP FOUND MARKING THE SOUTHWEST CORNER OF SAID SOUTHEAST 1/4 SECTION; THENCE N01°10'12"W, ALONG THE WEST LINE OF SAID SOUTHEAST 1/4 SECTION, 1118.50', TO THE INTERSECTION OF SAID WEST LINE AND THE NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN", SAID INTERSECTION BEING THE PLACE OF BEGINNING OF THE LANDS TO BE DESCRIBED; THENCE N01°10'12"W, CONTINUING ALONG SAID WEST LINE, 540.66', TO A POINT ON A CURVE AT THE INTERSECTION OF SAID WEST LINE AND THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF C.T.H. "EE"; THENCE ALONG SAID RIGHT-OF-WAY LINE AND SAID CURVE TO THE RIGHT, 612.59', SAID CURVE HAVING A RADIUS OF 1065.48' AND A CHORD BEARING S33°40'35"E, 604.19'; THENCE LEAVING SAID CURVE, S37°56'54"W, 54.40', TO A POINT ON THE AFOREMENTIONED NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN"; THENCE N88°59'06"W, ALONG SAID RIGHT-OF-WAY LINE, 290.58', TO THE PLACE OF BEGINNING; THE ABOVE DESCRIBED LANDS CONTAIN 2.57 ACRES MORE OR LESS.

Exhibit A – Continued

PLAT OF SURVEY

SUGGESTED LEGAL DESCRIPTION:

PART OF THE NORTHWEST 1/4 AND SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 5 NORTH, RANGE 18 EAST, VILLAGE OF MUKWONAGO, WALKESHA COUNTY, WISCONSIN, DESCRIBED IN REEL 2879 AS IMAGE 258 OF WALKESHA COUNTY RECORDS, DESCRIBED MORE PARTICULARLY AS FOLLOWS: COMMENCING AT A CONCRETE MONUMENT WITH BRASS CAP FOUND MARKING THE SOUTHWEST CORNER OF SAID SOUTHWEST 1/4 SECTION; THENCE N01°10'12"W, ALONG THE WEST LINE OF SAID SOUTHWEST 1/4 SECTION, 1118.50', TO THE INTERSECTION OF SAID WEST LINE AND THE NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN", SAID INTERSECTION BEING THE PLACE OF BEGINNING OF THE LANDS TO BE DESCRIBED; THENCE N01°10'12"W, CONTINUING ALONG SAID WEST LINE, 540.86', TO A POINT ON A CURVE AT THE INTERSECTION OF SAID WEST LINE AND THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF C.T.H. "EE"; THENCE ALONG SAID RIGHT-OF-WAY LINE AND SAID CURVE TO THE RIGHT, 612.59', SAID CURVE HAVING A RADIUS OF 1065.48' AND A CHORD BEARING S33°40'35"E, 604.19'; THENCE LEAVING SAID CURVE, S37°56'54"W, 54.40', TO A POINT ON THE AFOREMENTIONED NORTH RIGHT-OF-WAY LINE OF C.T.H. "NN"; THENCE N88°59'06"W, ALONG SAID RIGHT-OF-WAY LINE, 290.58', TO THE PLACE OF BEGINNING; THE ABOVE DESCRIBED LANDS CONTAIN 2.57 ACRES MORE OR LESS.

LEGEND:

	CONC. MON. W/ BRASS CAP-FOUND
	1" IRON PIPE-FOUND
	2" IRON PIPE-FOUND
	1"X18" IRON PIPE-SET(1.13*/L.F.)
	POWER POLE
	OVERHEAD UTILITY LINE
	NATURAL GAS LINE MARKER
	NATURAL GAS VALVE
	FIBER OPTIC LINE MARKER
	APPROXIMATE FIBER OPTIC LINE

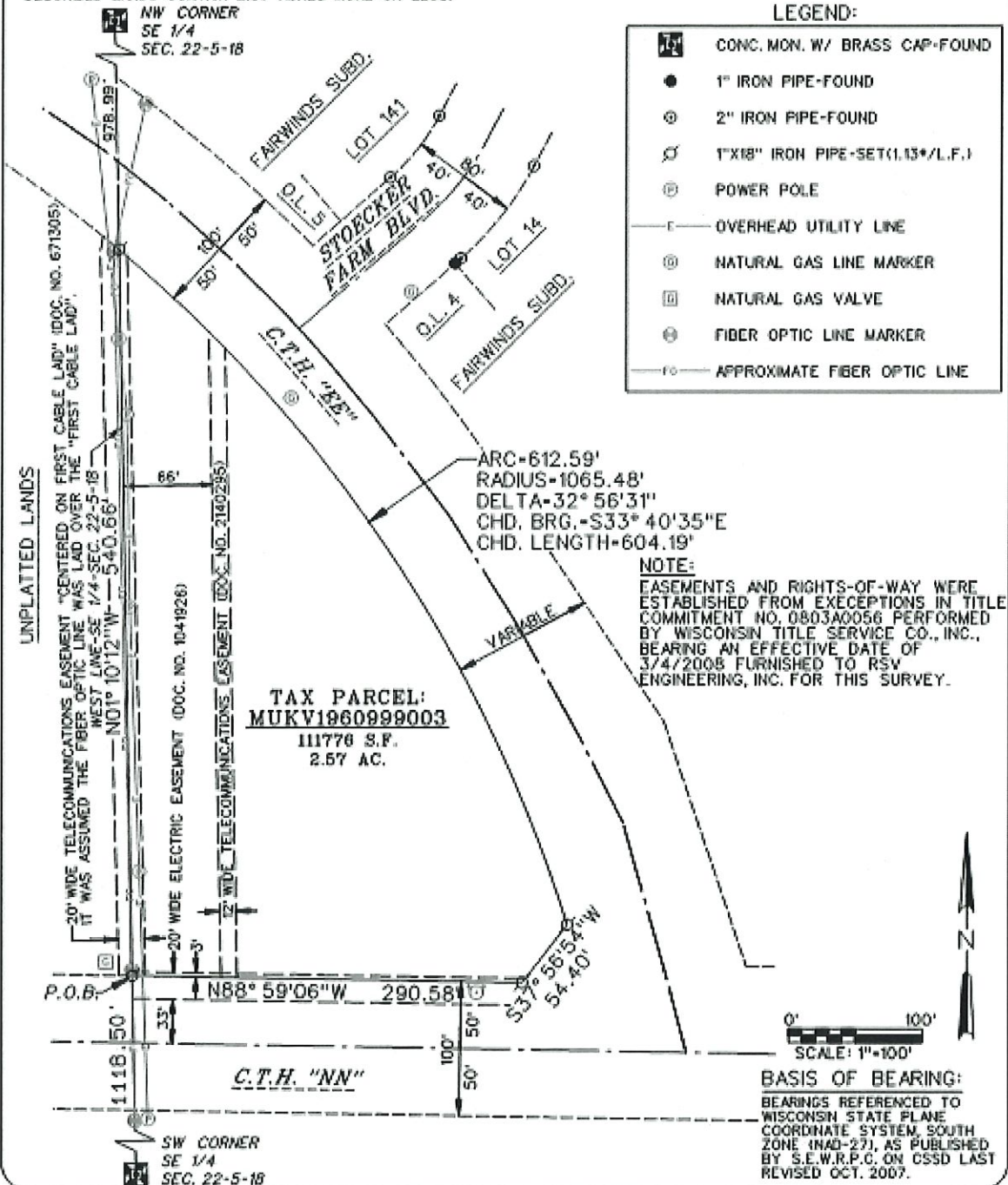


Exhibit B - Location Map

Storm Water Management Practices Covered by this Agreement

The storm water management practices covered by this Agreement are depicted in the reduced copy of a portion of the construction plans, as shown below.

Storm water Practices:

1. Wet Pond 1

- a. Located in the southeast corner of the site
- b. Receives runoff from the center and eastern portions of the site including the proposed paved areas and rooftops.
- c. Outlet structure discharges to the existing ditch line along the west side of CTH "EE"

2. Rain Garden 2

- a. Located in the southwest corner of the site
- b. Receives runoff from the western portion of the site.
- c. Discharges into the ditch line along the north side of CTH "NN"

3. Rain Garden 3

- a. Located on the north side of the site
- b. Receives runoff from the northern portion of the site
- c. Discharges into the ditch line along the west side of CTH "EE"

Drainage Area Restrictions: Stormwater drainage areas identified are for storm water collection, conveyance and treatment. No buildings or other structures are allowed in these areas. No grading or filling is allowed that may interrupt storm water flows in any way unless an amended stormwater management plan and maintenance agreement is provided. See Exhibit C for specific maintenance requirements for storm water management practices within this area. See Exhibit B for details on location.

Exhibit B - Continued
Meadowland Townhomes Multi-Family Development



PROJECT:
MEADOWLAND TOWNHOMES

MULTI-FAMILY DEVELOPMENT
HWY COUNTY HIGHWAY NN AND COUNTY ROAD EE
MUKWAGO, WISCONSIN

BY: DELANCO, LTD

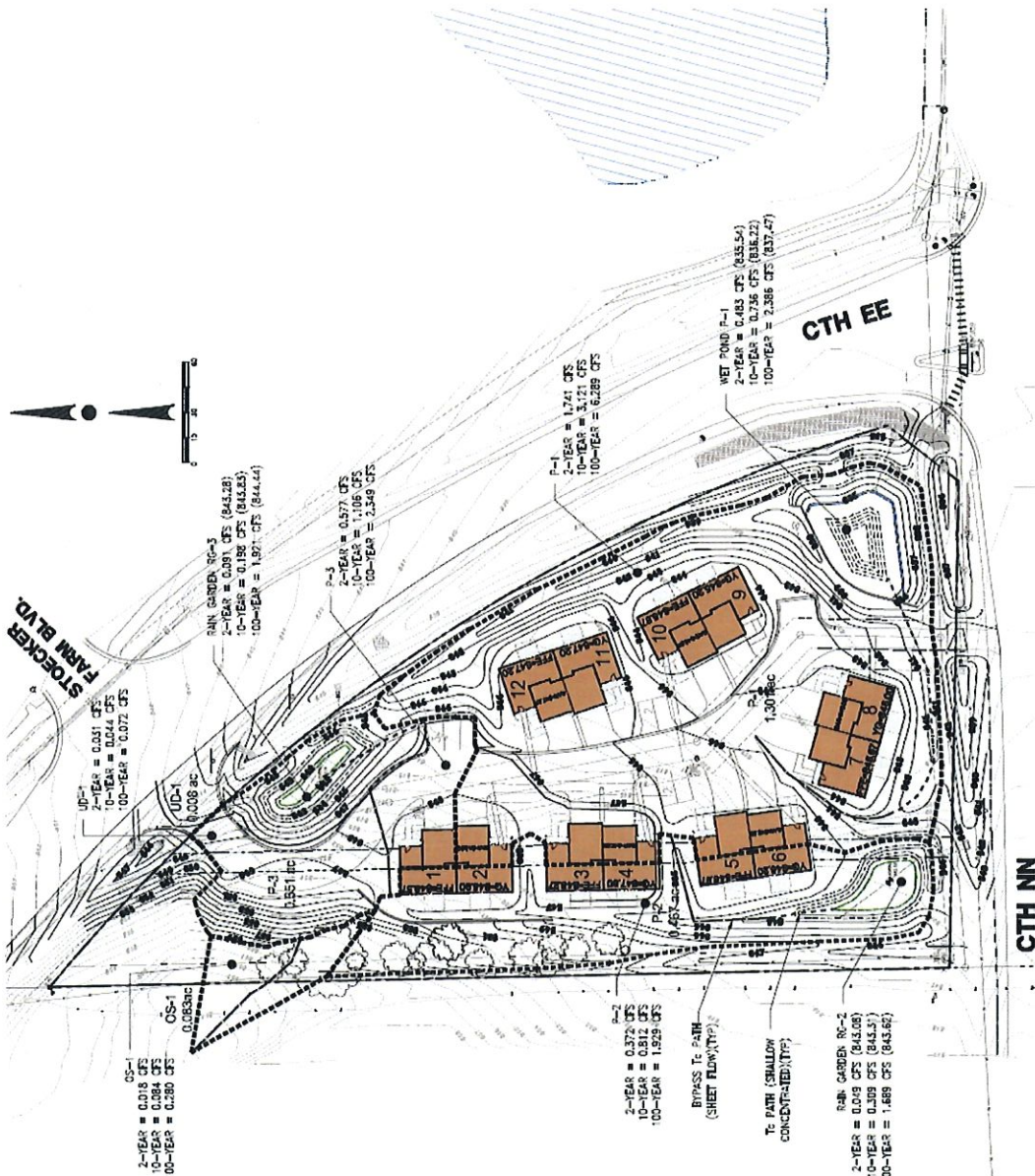
REVISION NUMBER	DESCRIPTION	DATE

DATE: OCTOBER 05, 2016

JOB NUMBER: 14028

DESCRIPTION:
PROPOSED DRAINAGE MAP

SHEET:
D2



2016-10-05 10:30 AM 10/5/2016 10:30 AM

Exhibit C

Minimum Storm Water Practice Maintenance Requirements

This exhibit explains the basic function of each of the storm water practices listed in Exhibit B and prescribes the minimum maintenance requirements to remain compliant with this Plan. The maintenance activities listed below are aimed to ensure these practices continue serving their intended functions in perpetuity. The list of activities is not all-inclusive, but rather indicates the minimum type of maintenance that can be expected for this particular site.

WET DETENTION BASIN & RAIN GARDEN

System Description:

The wet detention basin and rain gardens are designed to remove at least 80% of the Total Suspended Solids (TSS) from the site runoff and to reduce the post-development downstream peak flows to meet the Village of Mukwonago Stormwater Ordinance. Swales and storm sewer function to convey runoff to the basins, as well as filter pollutants, especially from smaller storms. To function correctly, the pond size, water level, vegetation and outlet structures must be maintained as specified in this Plan.

Minimum Maintenance Requirements:

To ensure the proper function of the storm water management practices described above, the following activities must be completed:

1. All outlet structures and pipes must be checked monthly to ensure there is no blockage from floating debris or ice, especially the washed stone in front of the orifices and the trash rack on the risers in the main part of the basins. Any blockage must be removed immediately. The washed stone must be replaced when it becomes clogged.
2. Grass swales shall be preserved to allow free flowing of surface runoff in accordance with approved grading plans. No buildings or other structures are allowed in these areas. No grading or filling is allowed that may interrupt flows in any way.
3. Grass swales, inlets and outlets must be checked at least twice yearly (spring and fall) and after heavy rains for signs of erosion. Any eroding areas must be repaired immediately to prevent premature sediment build-up in the basin. Erosion matting is recommended for repairing grassed areas.
4. NO trees are to be planted or allowed to grow on the earthen berms. Tree root systems can reduce soil compaction and cause berm failure. The berms must be inspected annually and any woody vegetation removed.
5. If floating algae or weed growth becomes a nuisance (decay odors, etc.), it must be removed from the basin and deposited where it cannot drain back into the basin. Removal of the vegetation from the water reduces re-growth the following season (by harvesting the nutrients). Wetland vegetation must be maintained along the waters edge for safety and pollutant removal purposes.
6. The wet pond is to be cleaned out prior to the depth of water being reduced by accumulated sediment to less than three (3) feet. All removed sediment must be placed in an appropriate upland disposal site and stabilized (grass cover) to prevent sediment from washing back into the basin.
7. No grading or filling of the basins or berms other than for sediment removal is allowed, unless otherwise approved by the City of Muskego.
8. To promote more effective infiltration, mowing in the drainage ways, detention basins, and wetland fringe areas should be minimized. If mowing is deemed necessary, the mowing heights should be no shorter than six (6) inches. Restricting any mowing to late summer or autumn will minimize mortality to ground nesting birds. To discourage the presence of nuisance waterfowl (i.e. Canada Geese), a minimum 30-foot wide no-mow fringe shall be maintained around all detention basins, where possible.
9. After Vegetation is 70% established, the use of herbicides/pesticides is to be discontinued along the swales & basins.

Wet Detention Pond

I. ROUTINE MAINTENANCE

A. Mowing

1. Side slopes, embankments, and emergency spillways that are not rock lined which have been planted with turf grasses should be mowed at least three (3) times a year to prevent

woody growth and control noxious weeds. Recommended mowing times are April, July and October of each year.

2. The Owner may more frequently mow areas adjacent to the entry drive, typically once every week to two weeks during a normal growing season, for aesthetic and allergy control purposes.
3. Native grasses should be mowed to a height of 6" in mid to late summer or after they have achieved a height of 1-1/2 feet during the first growing season. Further mowing in subsequent growing seasons may not be required.
4. A 6" to 8" mowing every 3 to 4 years, may suffice as a substitute management technique. The mowed area should be raked and performed in the spring.

B. Inspections

1. Inspections of the ponds shall be completed on an annual basis or after significant rainfall events.
2. The inspections should be completed during wet weather conditions to determine if the ponds are functioning properly.
3. Inspection priorities shall be as follows:
 - a. Inspect the embankments for subsidence, erosion, cracking and tree growth.
 - b. Inspect the condition of the emergency spillway and overland flow path.
 - c. Inspect the pond for accumulation of sediment.
 - d. Inspect the outlet control structure for clogs, debris and material failures.
 - e. Inspect upstream and downstream channels from an erosion perspective.
 - f. Inspect any modifications that may have been done to the ponds following their initial construction.
 - g. Inspect the side slopes of the pond for erosion, slumping, cracking or woody plant materials.
4. As-built plans shall accompany the person responsible for the pond inspections.
5. Documentation of the inspections should be completed and filed. Documentation should include as a minimum:
 - a. Inspectors name, affiliation and professional credentials if applicable.
 - b. Date, time and weather conditions.
 - c. Approximate rainfall total over a 24 hour period if applicable.
 - d. Existing embankment, outlet and inlet conveyance systems and vegetation condition.
 - e. Sediment depth at the outlet control structure (in wet forebays) and at a minimum one other location.
 - f. Identification of potential structural failures and repair needs.
 - g. Other pond conditions such as vegetation growth, algae growth and emergency spillway conditions.
 - h. Repair recommendations.

C. Debris and Litter Removal.

1. Debris and litter removal from the pond surface shall be completed at least once a month.
2. Particular attention should be paid to debris accumulating around the riser pipe to prevent potential clogging.

D. Erosion Control.

1. The pond side slopes, embankments and emergency spillways may suffer from periodic slumpage and erosion.
2. Corrective measures shall include regrading, filling and revegetation of the eroded or slumping areas.
3. Permanent geosynthetic erosion matting (or rip rap) at the pond outlet and emergency spillways should be inspected for displacement or undermining. Repairs shall be made upon discovery.

E. Nuisance Control.

1. Biological control of algae and mosquitoes is preferred over chemical control. Consultation with local WDNR officials is recommended prior to the introduction of any biological control.
2. Maintaining the native grass perimeter will aide in the control of geese.
3. Mechanical controls should be used when feasible.

II. NON-ROUTINE MAINTENANCE

A. Structural Repairs and Replacement.

1. The outlets of the pond have been constructed utilizing concrete or PVC pipe and concrete materials. The estimate life of these structures is 75 to 100 years. Annual inspection of the structures will disclose any potential structural problems. If structural problems appear, repair or replace the outlet.
2. Excessive or chronic drawdowns of the ponds may cause leaks or seepage through the embankments. Excessive drawdowns should be avoided and thus corrective measures for leakage and seepage can be avoided.

B. Sediment Removal.

1. A sediment clean out cycle of 10 to 15 years is recommended. Sediment removal may be necessary prior to 10 years if there is a substantial amount of land disturbance occurring within the contributory watershed. Annual inspections shall be made to insure that the design depth of the permanent water pool is maintained.
2. It is recommended that the sediment be tested to determine if land filling is necessary. Contact the local DNR prior to sediment sampling and testing to insure compliance with State standards and regulations.
3. Surveyed depths of the sediment storage area and permanent pool elevations shall be made immediately following the construction of the ponds and recorded on the as-built plans. Annual inspections shall include measure downs to determine sediment elevations in relation to the permanent pool elevation.

RAIN GARDEN OPERATIONS AND MAINTENANCE

I. ROUTINE MAINTENANCE

A. Inspection

1. Performance of the rain garden should be inspected monthly and after every major storm event, following the initial construction to evaluate if the basin is draining within the design time limits.
 - a. Water plants should be watered as necessary the first year to establish plants.
2. If performance does not meet the design goals, complete repairs to the facility to meet the design requirements.
3. Following the initial growing season of monthly inspections, quarterly inspections of the facility should be made. Inspect the facility for:
 - a. Differential settlement
 - b. Cracking
 - c. Erosion
 - d. Leakage

- e. Tree and woody plant growth on the embankments and plant health
- f. Condition of the inlets and outlets
- g. Sediment accumulation
- h. Vigor and density of vegetation on the floor of the basin and buffer strips
- i. pH testing of the soil (if plants growth issues exist)
- j. Observation wells and/or under drains

B. Mowing – Native Vegetation

- 1. During establishment of vegetation, the first mowing shall occur once it reaches a height of 10 to 12 inches.
- 2. Control woody plant invasion by mowing once a year. The vegetation height shall be 5 to 6 inches after mowing.
- 3. Mow once per year in the fall after November 1st.
- 4. Remove trash and debris at the time of mowing.

C. Erosion Control

- 1. Inspect seasonally for erosion. Inspection after major storm events for erosion problems is also recommended if practical.
- 2. Repair all eroded areas immediately. Temporary erosion controls may be necessary to facilitate repairs.

D. Tilling

- 1. If the basin is located on marginally permeable soils, annual or semi- annual tilling may be needed to maintain infiltration capacity.
- 2. Tilled areas should be immediately re-vegetated to prevent erosion.

II. NON-ROUTINE MAINTENANCE

A. Structural Maintenance

- 1. Inspect pipe systems quarterly.
- 2. Remove and replace pipe systems that have eroded or rusted.
- 3. Earthen structures should be inspected annually. Erosion should be repaired immediately upon discovery.

B. Restoration of Infiltration Capacity

1. Over time the original infiltration capacity of the basin will be diminished. Diminished infiltration capacity will require maintenance once the rain garden practice fails to infiltrate a rain event within 72 hours.
2. Deep tilling can be done to restore the infiltration capacity of the basin. The basin will be drained and the soils dried to a depth of 8 inches.
3. The top 2 to 3 inches of topsoil, chisel plowing, and adding topsoil and compost can be done.
4. The basin must be restored with native plantings.

C. Watering

1. Water plants need to be watered as necessary during the first growing season.
2. After the first growing season, water as necessary during dry periods.



Village of Mukwonago

AGENDA ITEM REQUEST FORM

Committee/Board:	Protective Services
Topic:	Rescue Vehicle for the Suburban Critical Incident Team
From:	Chief Kevin Schmidt
Department:	Police Department
Presenter:	Chief Schmidt & SCIT Commander Lt. Jason Pfeiffer
Date of Committee Action (if required):	August 7, 2019
Date of Village Board Action (if required):	August 21, 2019

Information

Subject: Fund raising and purchase of a Rescue Vehicle by the Suburban Critical Incident Team (SCIT).

Background Information/Rationale: The Village of Mukwonago Police Department joined the SCIT team in March of 2013. The team is made up of officers from New Berlin, Muskego, Brookfield, Hartland, Delafield, Chenequa, Elm Grove, Village of Pewaukee and the Village of Mukwonago. All costs are shared equally. We are looking to obtain a Rescue Vehicle for the team. The SCIT team serves over 140,000 citizens in our communities. Currently in Waukesha County, there are two Rescue Vehicles. The Waukesha County Sheriff's Department and the City of Waukesha. These units are available to us, however, it takes time to get them to our scene. Should their jurisdictions have a need at the same time, the unit will not be available to us or they will have to leave our scene.

The vehicle can be used to rescue citizens and officers from scenes. Tactical EMS or Rescue Task Force is now used to get EMS/Paramedics into the "hot zone" to treat victims. This vehicle can also be used to safely get EMS, paramedics and/or officers safely into the hot zone. It can also be used to rescue citizens from flooded or tornado damaged areas.

Key Issues for Consideration: The vehicle is an armored vehicle. It does not mean there are weapons mounted on the vehicle. It means the body of the vehicle is opaque armor and the window are made of a transparent armor, capable of stopping various rounds from penetrating the vehicle. There are gun ports on the vehicle to allow officers to return fire from the vehicle. Time is of the essence in getting wounded citizens and officers assistance. On June 19, 2019, a Sacramento PD (California) responded with other officers to a domestic dispute. Upon arrival, a suspect in the house opened fire on the officers with a rifle. Victim officer, 26 years old, was struck several times. The suspect continued to fire at officers, who evacuated for cover. It took about 45 minutes for an armored vehicle to arrive and retrieve the officer, who died at a local medical center.

Fiscal Impact (If any): The SCIT command team obtained a quote for a vehicle. The SCIT members would like to try and raise donations from the public and businesses in our communities, with the goal to raise \$300,000 to cover the entire cost. If the goal is not reached, each member community will budget funds, up to approximately \$35,000. The Village of Elm Grove has tentatively agreed to take out a five (5) year loan for the vehicle, with each member agency signing a memorandum of understanding. If no donations are received,



Village of Mukwonago

AGENDA ITEM REQUEST FORM

each community would pay approximately \$7,000 per year for their share. I have spoken with Finance Director Doherty and she would prefer that we budget the total amount in a one year capital budget and submit the funds to Elm Grove to use over the 5 year period. If enough donations are raised and the Village's portion per year is much smaller, I would incorporate the money in our operating budget to cover the expense.

No funds would be due by the Village of Mukwonago Police Department until the budget year of 2020.

Requested Action by Committee/Board: Recommend to the Village Board approval of the Police Department to work with SCIT to raise funds and purchase an armored vehicle, with the Village of Mukwonago portion owed for the vehicle not to exceed \$35,000.

Attachments

Fliers for fundraising

SUBURBAN CRITICAL INCIDENT TEAM



Rescue Vehicle Fundraising Information

The Suburban Critical Incident Team (SCIT) is a MULTIJURISDICTIONAL law enforcement tactical team composed of officers and EMS personnel from Brookfield, Chenequa, Delafield, Elm Grove, Hartland, Mukwonago, Muskego, New Berlin and Pewaukee. *This regional resource serves 140,000 citizens.*

SCIT is committed to improving civilian and first responder safety by purchasing a multi-purpose rescue vehicle designed to expand our tactical, evacuation and rescue versatility during critical incidents. Purchasing this vehicle would allow SCIT personnel to accomplish the following:

- Safely transport Officers, EMTs, and K9s to and from high risk incidents
- Rescue, evacuate and protect civilians from dangerous critical incidents
- Conduct search and rescue missions during natural disasters
- Achieve modern tactical standards for critical incident resolution
- Use as a fall back position of safety when targeted by armed suspects

The challenge we face is the initial purchase price of a modern rescue vehicle appropriately equipped to achieve our missions. **Our fundraising goal is \$300,000.** *We are graciously requesting your help to achieve this goal.*

If you are interested in donating to this purchase, please enter the following:

PRINTED NAME _____

PREFERRED METHOD OF CONTACT _____

Donation commitment amount: \$ _____

Team Leadership will contact you after November 1st, 2019 to confirm your donation intent and answer any additional questions you may have. Donations are tax deductible under 26 U.S.C. 170(c)(1). Donors will receive a determination letter with tax identification information.

**Thank you
for your
support!**

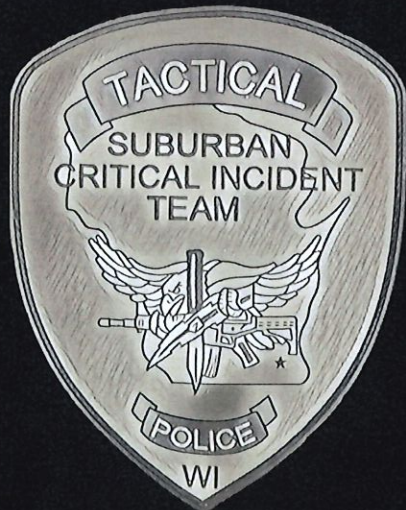




support suburban safety

Help a coalition of local police departments purchase a modernized rescue vehicle.

**GREATER SAFETY FOR:
POLICE OFFICERS
EMTS
K9 OFFICERS
YOU!**



Each member community must raise \$34,000 to make the purchase.

To learn more and make a tax-deductible gift, please stop by or call a member police department.



Committee/Board:	Protective Services Board
Topic:	Emergency Vehicle Pre-Emption Devices on traffic standards At the intersection of STH 83 & CTH NN
From:	Chief Kevin Schmidt
Department:	Police Department
Presenter:	Chief Schmidt and Fire Chief Stien
Date of Committee Action (if required):	August 7, 2019
Date of Village Board Action (if required):	August 21, 2019

Information

Subject: Authorization for the WI DOT to install the Emergency Vehicle Pre-emption device on the traffic standards to be installed at the intersection.

Background Information/Rationale: The attached agreement and letter authorizes the WI DOT to install the EVP system in four (4) directions on the traffic lights at the intersection of STH 83 & CTH NN. This system will allow the police and fire vehicles to activate the system when approaching the intersection from north or south bound on STH 83 or east or west bound on CTH NN, changing the lights to give the emergency vehicle a green light when it gets to the intersection. The goal is to not have the emergency vehicle attempt to proceed through the intersection on a red light.

Key Issues for Consideration: Our goal is to eventually install the EVP system on every traffic standard in the Village. Because we are installing the WI DOT equipment, the trigger on the emergency vehicles will activate the system on any traffic standard with the same equipment. For instance, the City of Waukesha has the WI DOT equipment at some of their intersections, allowing the ambulance on an emergency run to Waukesha Memorial Hospital to activate the system at St. Paul Avenue and Sunset Dr.

Fiscal Impact (If any): Because this is a Village of Mukwonago Project, the Village is responsible for the approximate cost of \$9,600.00. The police and fire departments will be splitting the cost. The Police Department uses the Pro Health yearly contribution fund to cover our share.

Requested Action by Committee/Board: Authorize the Village President to sign the attached WI DOT agreement and letter.

Attachments

Wisconsin Department of Transportation Emergency Vehicle Pre-emption system agreement
Letter to the WI Department of Transportation



Traffic Guidelines Manual

ORIGINATOR Director, Bureau of Traffic Operations	4-2-20
CHAPTER 4	Signals
SECTION 2	Traffic Control Signals
SUBJECT 20	Emergency Vehicle Pre-emption

A. General/Purpose

The following applies to the installation and operation of Emergency Vehicle Pre-emption (EVP) systems involving traffic control signals owned and operated by the Department.

B. Policy

Statutory Provisions

347.255 Auxiliary lamps on emergency vehicles used to activate traffic control signal pre-emption devices. (1) An authorized emergency vehicle described in s.340.01 (3)(a), (c), (g) or (l) *may* be equipped and operated with lamps designed and used solely to activate official traffic control signal pre-emption devices. (2) The lamps authorized for use under this section *may* be any color and *may* be flashing, oscillating, rotating or pulsating. (3) No operator of an authorized emergency vehicle *may* use such lamps except when responding to an emergency call, when pursuing an actual or suspected violator of the law or when responding to, but not when returning from, a fire alarm.

The above does not preclude actuation by means of devices other than lamps.

Eligibility

Any local governmental unit, agency, or organization having responsibility for providing emergency services is eligible to request an EVP system.

Request Procedure

The local unit **shall** make the request in writing to the Department. The following information *should* be included in the request:

1. Location of proposed EVP systems.

2. Location of emergency facilities (fire station, police station, etc.) where vehicles will be departing and description of the route to be provided with a pre-emption system.
3. Listing or estimate of number of vehicles to be outfitted.
4. Brand/Model of equipment being requested.

Approval

1. The Department **shall** review each request and respond in writing to the local unit as to the approval or denial of the request.
2. The Department *may* deny any request that it deems would have an overall negative impact on the traveling public.
3. If the local agency is requesting a brand/model of EVP other than the Department standard, the request must include a discussion about compatibility with neighboring agencies along the same corridor.
4. For approved requests, an official "EVP System Agreement" **shall** be prepared and approved by the Department and the local unit. Template is included at the end of this policy. This policy **shall** be included as a supplement to the agreement. Any special terms or conditions beyond the scope of this policy **shall** be stipulated in the agreement.
5. The Department *may* allow an indicator light that is intended to confirm to the driver of an emergency vehicle that the pre-emption signal has been received. The use of this device does not preclude the need of the vehicle operator to rely on the signal indications for assigned intersection right-of-way. Requests for such EVP confirmation lights *should* be reviewed on a case-by-case basis, and are subject to the following conditions:
 - a. The Department *may* deny any request for confirmation lights that it deems would have an overall negative impact on traffic safety or operations.
 - b. EVP confirmation lights **shall** only be installed at signalized intersections where:
 - i. Signal(s) on the STH system are embedded in a locally-owned system that is also equipped with confirmation lights. This implies consideration for route continuity, or
 - ii. Multiple emergency vehicles have the potential to respond on conflicting approaches and from different points of origin. These conditions will typically exist in large urban areas where there are multiple precincts in the same municipality.
6. EVP equipment that has the ability to discriminate between individual responding vehicles **shall not** be used.

7. In the event that it comes to the attention of the Department that the pre-emption is being misused, such as by unauthorized vehicles, or that the municipality is not using or intends to abandon the system, the Department *may* notify the municipality of the situation. If the matter is not resolved and corrected the Department reserves the right to set about removing the equipment. The Department will notify the municipality in writing as to its intent and give the scheduled date of removal of the equipment indicated in item 5 below.

Installation/Maintenance

1. Department forces **shall** perform the installation, maintenance, modification, or removal of the EVP system equipment that is located at the traffic signal. Generally, this equipment would include the receiving device (mounted on the mast arm or signal head), the phase selector (in the control cabinet), confirmation light, and any miscellaneous cables and wiring needed to operate and power the portion of the EVP system located at the signal.
2. The local unit will be responsible for the installation of the emitting devices in authorized vehicles.
3. The Department **shall** maintain a reasonable inventory of spare parts for the Department's selected standard equipment in order to service the EVP system equipment located at the traffic signal. If the local agency is requesting equipment other than the standard equipment, the local agency **shall be responsible for maintaining and providing** a reasonable inventory. Specify which in the agreement.
4. When notified, Department forces will respond to correct suspected failures or breakdowns, or perform requested modifications in the EVP system equipment at the traffic signal.
5. Upon the Department's request, the local unit will be responsible for verifying the working status of the EVP system by performing a "field test" using an emergency vehicle equipped with an EVP emitter device. The local unit is responsible for periodically checking the EVP equipment.
6. If used, the style and type of confirmation lights on of state- and locally-owned signals within each municipality **shall** be standardized. Confirmation Lights **shall** be a LED, 120 VAC, white, directional light that fits into a PAR 38 socket.
7. In the event of a construction project, EVP service **shall** be maintained at any intersection with permanent EVP agreements. In addition, EVP equipment may be installed, if requested by a local unit, at any additional signals within the construction project itself, or on a designated detour route in the event of a road closure.

Operation/Phase Timing

1. The Department **shall** determine the phasing and timing of the pre-emption sequencing with input from the local unit. There are three key features that must be considered when determining how the pre-emption will operate:
 - a. Left turn phasing (protected, protected/permissive, or permissive only)
 - b. Signal head configuration for left turning movement (shared vs exclusive head)
 - i. Shared heads: include both circular indications and arrow indications (used by through and turning vehicles)
 - ii. Exclusive heads: arrow indications only (used solely by turning vehicles)
 - c. Style of pre-emption sequencing (common greens vs. exclusive greens)
 - i. Common greens: indicates opposing through phases both have a green ball. The corresponding left turn phases are permissive only.
 - ii. Exclusive greens: indicates only one through movement and its corresponding left turn phase have the green ball/arrow.

2. The Department offers the following operational guidance based upon the combination of those three key features identified above:
 - a. Protected Only Left Turns
 - i. Exclusive Head
 1. **Shall** operate with exclusive greens for the safety and ease of turning of the pre-empting vehicle.
 - b. Permissive Only Left Turns
 - i. Shared Head
 1. Common greens
 - a. *May* be used.
 2. Exclusive greens
 - a. *May* be used if an all red period is introduced or a W25-2 sign is installed.
 - ii. Exclusive Head
 - a. **Shall** operate with common greens since a green left turn arrow is not available for use with exclusive greens.
 - c. Protected/Permissive Left Turns
 - i. Shared Head
 1. Common greens
 - a. *May* be used.
 2. Exclusive greens
 - a. *May* be used if an all red period is introduced or a W25-2 sign is installed.
 - ii. Exclusive Head
 1. Common greens
 - a. *May* be used.
 2. Exclusive greens
 - a. *May* be used.

3. Any exceptions to the guidance in item 2 above **shall** be included as part of the special terms or conditions of the agreement.
4. If used, the operation of confirmation lights on of state- and locally-owned signals **shall** be standardized such that the approach being preempted has a steady indication. Approaches with secondary calls **shall** flash. The flash rate **shall** not be between 5 and 30 flashes per second to avoid frequencies that might cause seizures.

Driver Training

1. The local unit **shall** be responsible for training the emergency services personnel on the proper operation of the system.
2. This training *should* provide clear understanding of these items:
 - a) The definition of an authorized emergency vehicle at the beginning of this policy.
 - b) The conditions when pre-emption *may* be used.
 - c) The use of pre-emption does not remove the responsibility of the vehicle operator from determining whether or not it is safe to enter the intersection.
 - d) The operator cannot assume that the pre-emption has gone into effect. The operator must rely on the traffic signal indication.
 - e) The proper operation of the activating device located on the vehicle.

Cost

1. The most common source of funding for a complete EVP system has been local funds or federal urban funds. However, EVP equipment at the traffic signal and installation may also be funded as part of an improvement project, provided it is incidental to the improvement. Please see Program Management Manual document 03-25-05 to determine the most appropriate source of funding.
2. The local municipality **shall** be responsible for all costs associated with the emitting devices for its authorized vehicles.
3. The Department **shall** be responsible for all material, equipment, labor, training, and incidental costs associated with maintaining, operating, modifying, or removing the EVP system at the traffic signal unless non-standard EVP system equipment is used. When non-standard equipment is installed, the local unit **shall** be the responsible for maintaining and supplying spare inventory to the Department.
4. Any cost associated with the continuance of service of an EVP system on temporary signals or on a temporary route during a construction project **shall** be borne by the project.

WISCONSIN DEPARTMENT OF TRANSPORTATION

Emergency Vehicle Pre-emption (EVP) System Agreement

This is a binding agreement between the Wisconsin Department of Transportation and the

Village of Mukwonago

This agreement stipulates the terms and conditions for use of Emergency Vehicle Pre-emption (EVP) systems at the state-owned traffic control signal located at the intersection of

STH 83 & CTH NN (Veterans Way)

in the Village of Mukwonago

Description of route: Four (4) directions for northbound and southbound STH 83, and for east and west bound CTH NN (Veterans Way).

Listing of estimated number of vehicles to be outfitted: 16 Police and Fire Vehicles

Inventory of spare EVP equipment shall be provided by WisDOT/Local Agency.

The Department's Policy for Use of Emergency Vehicle Pre-emption (EVP) Systems at State-Owned Traffic Control Signals is hereby made a part of this agreement (copy attached). The following special terms or conditions also apply to this agreement:

ACCEPTED FOR THE Village of Mukwonago

BY DATE August 21, 2019 Local Government

TITLE Village President

APPROVED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BY DATE

TITLE



Village of Mukwonago

Office of the Village Clerk-Treasurer

440 River Crest Court, Mukwonago, Wisconsin 53149
(262) 363-6420 Fax: (262)363-6425

www.villageofmukwonago.com

August 21, 2019

WI DOT System Development
ATTN: Jarrett Gates, P.E.
Southeast Regional Office
141 N.W. Barstow Street
P.O. Box 798
Waukesha, WI 53187-0798

RE: EVP Request – Village of Mukwonago, Waukesha County
Locations: STH 83 & CTH NN (Veterans Way)

Sir:

On behalf of the Village of Mukwonago, we would like to request that the Wisconsin Department of Transportation install Emergency Vehicle Pre-Emption (EVP) system at the state maintained traffic signals at the intersection of STH 83 & CTH NN (Veterans Way) in the Village of Mukwonago, Waukesha County.

Specifically, we are asking for the installation for all four (4) directions at the intersection, for northbound and southbound STH 83 traffic and for eastbound and westbound CTH NN (Veterans Way). We understand the price for the EVP system for four (4) directions is estimated at \$9,585.20.

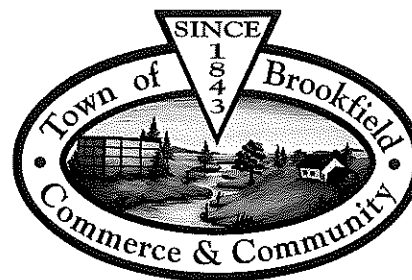
We do not want confirmation lights at the intersection.

We understand that the cost for this installation shall be the responsibility of the Village of Mukwonago. We further understand that we will be billed for all work associated with these items, including installation, labor, materials and DOT oversight performed on our behalf under the DOT construction contract.

Respectfully,

Fred Winchowky
Village President

Town Clerk's Office | Town of Brookfield
645 N. Janacek Road | Brookfield, WI 53045
Phone: (262)796-3788 | Fax: (262)796-0339



July 3, 2019

NOTICE OF AUTHORIZATION TO PARTICIPATE IN A COOPERATIVE PLAN

To Whom It May Concern:

In accordance with the provisions of Sec. 66.0307(4), Wis. Stats., notice is hereby given that the Town Board of the Town of Brookfield has authorized the participation in the preparation of a Cooperative Plan involving territories in the Town of Brookfield and Town of Waukesha.

A copy of the notice is enclosed.

Sincerely,

Elisa M Cappozzo

Elisa M Cappozzo
Municipal Clerk

Enclosure

STATE OF WISCONSIN:

TOWN OF BROOKFIELD:

WAUKESHA COUNTY

**RESOLUTION AUTHORIZING PARTICIPATION IN THE PREPARATION OF A
COOPERATIVE PLAN**

WHEREAS, Section 66.0307, Wis. Stats., authorizes municipalities to enter into Cooperative Plans with the general purpose of guiding and accomplishing a coordinated, adjusted and harmonious development of the territory to be included in the Cooperative Plan, consistent with the Comprehensive Plan of each municipality; and,

WHEREAS, the Town Board of the Town of Brookfield has determined that the best interests of the Town will be served by participating in the preparation of a Cooperative Plan in accordance with Section 66.0307, Wis. Stats., which Cooperative Plan shall include territories within the Town of Brookfield and the Town of Waukesha; and,

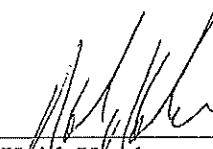
NOW THEREFORE, the Town Board of the Town of Brookfield does ordain as follows:

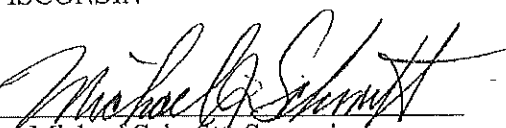
BE IT RESOLVED, that Town officials and staff members, acting under the direction and authority of the Town Board be, and hereby are, authorized to participate in the preparation of a Cooperative Plan with the Town of Waukesha, which Cooperative Plan shall be prepared and submitted to the Department of Administration for review and approval in accordance with the provisions of Section 66.0307, Wis. Stats.

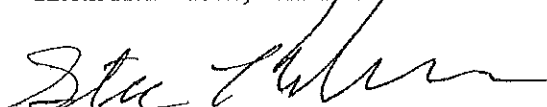
BE IT FURTHER RESOLVED, that notice of the adoption of this Resolution shall be given in writing, by the Town Clerk, within five (5) days after the adoption of this Resolution, to the municipalities, school districts and other agencies as required by Section 66.0307(4), Wis. Stats.

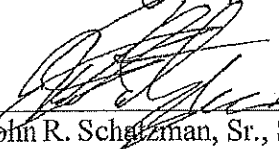
PASSED AND APPROVED this 2nd day of July, 2019.

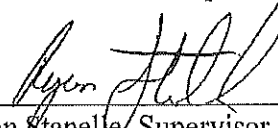
**TOWN BOARD, TOWN OF BROOKFIELD,
WAUKESHA COUNTY, WISCONSIN**

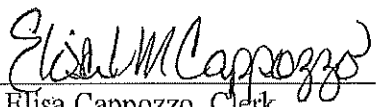
BY: 
Keith Henderson, Chairman

BY: 
Michael Schmitt, Supervisor

BY: 
Steve Kohlmann, Supervisor

BY: 
John R. Schatzman, Sr., Supervisor

BY: 
Ryan Stanelle, Supervisor

ATTEST: 
Elisa Cappozzo, Clerk

This document drafted by:

Attorney James W. Hammes
CRAMER, MULTHAUF & HAMMES, LLP
1601 East Racine Avenue • Suite 200
P.O. Box 558
Waukesha, WI 53187
(262)-542-4278



**Mukwonago Lions Foundation, Inc.
Mukwonago Lions Club, Inc.
P.O. Box 61
Mukwonago, WI. 53149**



July 15, 2019

Village Board of Trustees
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

On behalf of the Mukwonago Lions Foundation, Inc., I wish to thank you for your continuing support of the Mukwonago Lions programs that we provide to benefit our community. We want to thank the Village Board of Trustees, all Village employees, and especially acknowledge the support from the Police Department, the Fire Department and the Parks Department during the Mukwonago Lion's Summerfeste and Father's Day Parade.

For many years, the Mukwonago Lion's Summerfeste has benefited from donations from the community. Without the donations from the individuals, clubs, organizations, and community businesses, the Lions would have difficulty hosting the Lion's Summerfeste or Father's Day Parade. The Village of Mukwonago does not donate directly to support the Lion's Summerfeste or the Father's Day Parade, but does pay its employees who provide many services during the event, especially the support from the Police Department, the Fire Department and the Parks Department. The continuing support from the Village Of Mukwonago helps the Mukwonago Lions provide this community wide Lion's Summerfeste with fireworks and Father's Day Parade.

The Mukwonago Lions pay for the fireworks, the parade acts, the parade bands, the parade prizes, many youth activities, portable toilets, the dumpsters, the Father of the Year, the car show, and numerous other things that produce limited or no income. Our only sources of income are beer sales which are fairly stable, limited participation fees and community donations.

Thus, in 2018 when the Mukwonago Lions purchased and donated new bleachers for Field Park, it was the result of the community support that we have. The Mukwonago Lions receive from the community and we donate back to our community.

During 2017-18, we donated \$40,912.00 in community service donations to 20 to 40 individuals and groups. The Mukwonago Lions Club and Mukwonago Lions Foundation have donated \$533,976.00 since 1992 to help improve the community. We have donated cash and food to the two food pantries, provided the play ground equipment at Field Park, donated a scoreboard at

Field Park, donated a snack shack at Field Park, donated four community park shelters, donated new bleachers at Field Park, donated to the fire department, donated to the police department, provided high school scholarships, provide Christmas for Families including gifts and food, recycle eye glasses and hearing aids, and many services to school and youth groups in the community.

Mukwonago Lions Club Foundation, Inc. is a non-profit, tax-exempt corporation as described in Section 501 (c) (3) of the U.S. Internal Revenue Code. IRS has classified the organization as a public charity with federal tax identification # 47-2295909.

Thank you again for your generosity and your continued support.

A handwritten signature in cursive script, reading "Albert Frankenstein". The signature is written in dark ink and is positioned above the printed name.

Albert Frankenstein, Treasurer